

ARTHUR_KILL_COGEN 323718	49.77 2.15 -10.47	49.09 2.08 -12.36	48.49 1.75 -19.51	48.44 1.48 -20.59	48.36 1.61 -18.48	48.57 1.79 -15.82	49.08 1.91 -14.84	49.13 2.12 -11.47	49.97 2.56 -5.77	54.62 2.88 -0.21	62.27 3.33 -0.08	75.62 3.16 -22.28	50.39 1.76 -20.74	50.16 1.55 -24.14	59.87 1.34 -38.46	53.63 1.95 -22.90	50.16 1.89 -19.08	51.13 2.30 -12.82	72.64 3.21 -15.56	92.22 3.17 -36.58	93.31 3.53 -23.08	85.59 2.58 -36.34	50.20 1.75 -13.85	49.88 1.42 -16.49
ASHOKAN____ 23654	39.32 2.17 0.00	36.65 2.00 0.00	28.84 1.60 0.00	27.86 1.49 0.00	29.85 1.59 0.00	32.71 1.74 0.00	34.27 1.94 0.00	37.74 2.20 0.00	44.35 2.70 0.00	54.70 3.16 0.00	62.55 3.70 0.00	53.45 3.28 0.00	29.73 1.84 0.00	26.06 1.59 0.00	21.39 1.32 0.00	30.74 1.95 0.00	31.13 1.96 0.00	38.44 2.42 0.00	57.26 3.39 0.00	55.85 3.38 0.00	70.77 4.07 0.00	49.27 2.60 0.00	36.32 1.72 0.00	33.35 1.37 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.89 1.73 -0.01	36.31 1.65 -0.01	28.62 1.37 -0.01	27.60 1.23 -0.01	29.58 1.32 -0.01	32.38 1.42 0.00	33.91 1.57 0.00	37.28 1.73 0.00	43.70 2.06 0.00	53.88 2.36 0.01	61.51 2.66 0.00	52.82 2.64 0.00	29.39 1.50 0.00	25.83 1.36 0.01	21.24 1.18 0.01	30.49 1.70 0.00	30.76 1.58 0.00	37.93 1.92 0.00	56.56 2.69 0.01	55.02 2.55 0.00	69.79 3.10 0.00	48.67 2.00 0.00	35.90 1.30 0.00	33.03 1.05 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	38.91 1.76 -0.01	36.33 1.67 -0.01	28.62 1.37 -0.01	27.61 1.23 -0.01	29.59 1.32 -0.01	32.39 1.43 0.00	33.91 1.58 0.00	37.28 1.73 0.00	43.70 2.06 0.00	53.88 2.36 0.01	61.51 2.66 0.00	52.82 2.64 0.00	29.39 1.50 0.00	25.83 1.36 0.01	21.24 1.18 0.01	30.49 1.70 0.00	30.76 1.58 0.00	37.93 1.92 0.00	56.56 2.69 0.01	55.02 2.55 0.00	69.79 3.10 0.00	48.67 2.00 0.00	35.90 1.30 0.00	33.03 1.05 -0.01
ASTORIA_GT2_1 24094	38.91 1.76 -0.01	36.33 1.67 -0.01	28.65 1.40 -0.01	27.61 1.24 -0.01	29.59 1.32 -0.01	32.40 1.43 -0.01	33.93 1.60 0.00	37.30 1.75 0.00	43.74 2.09 0.00	53.91 2.38 0.00	61.55 2.70 0.00	52.85 2.67 0.00	29.40 1.51 0.00	25.85 1.38 0.01	21.27 1.20 0.01	30.51 1.72 0.00	30.78 1.61 0.00	37.95 1.93 0.00	56.60 2.73 0.00	55.06 2.59 0.00	69.83 3.14 0.00	48.69 2.03 0.00	35.90 1.31 0.00	33.05 1.07 -0.01
ASTORIA_GT2_2 24095	38.91 1.76 -0.01	36.33 1.67 -0.01	28.65 1.40 -0.01	27.61 1.24 -0.01	29.59 1.32 -0.01	32.40 1.43 -0.01	33.93 1.60 0.00	37.30 1.75 0.00	43.74 2.09 0.00	53.91 2.38 0.00	61.55 2.70 0.00	52.85 2.67 0.00	29.40 1.51 0.00	25.85 1.38 0.01	21.27 1.20 0.01	30.51 1.72 0.00	30.78 1.61 0.00	37.95 1.93 0.00	56.60 2.73 0.00	55.06 2.59 0.00	69.83 3.14 0.00	48.69 2.03 0.00	35.90 1.31 0.00	33.05 1.07 -0.01
ASTORIA_GT2_3 24096	38.91 1.76 -0.01	36.33 1.67 -0.01	28.65 1.40 -0.01	27.61 1.24 -0.01	29.59 1.32 -0.01	32.40 1.43 -0.01	33.93 1.60 0.00	37.30 1.75 0.00	43.74 2.09 0.00	53.91 2.38 0.00	61.55 2.70 0.00	52.85 2.67 0.00	29.40 1.51 0.00	25.85 1.38 0.01	21.27 1.20 0.01	30.51 1.72 0.00	30.78 1.61 0.00	37.95 1.93 0.00	56.60 2.73 0.00	55.06 2.59 0.00	69.83 3.14 0.00	48.69 2.03 0.00	35.90 1.31 0.00	33.05 1.07 -0.01
ASTORIA_GT2_4 24097	38.91 1.76 -0.01	36.33 1.67 -0.01	28.65 1.40 -0.01	27.61 1.24 -0.01	29.59 1.32 -0.01	32.40 1.43 -0.01	33.93 1.60 0.00	37.30 1.75 0.00	43.74 2.09 0.00	53.91 2.38 0.00	61.55 2.70 0.00	52.85 2.67 0.00	29.40 1.51 0.00	25.85 1.38 0.01	21.27 1.20 0.01	30.51 1.72 0.00	30.78 1.61 0.00	37.95 1.93 0.00	56.60 2.73 0.00	55.06 2.59 0.00	69.83 3.14 0.00	48.69 2.03 0.00	35.90 1.31 0.00	33.05 1.07 -0.01
ASTORIA_GT3_1 24098	38.91 1.76 -0.01	36.33 1.67 -0.01	28.65 1.40 -0.01	27.61 1.24 -0.01	29.59 1.32 -0.01	32.40 1.43 -0.01	33.93 1.60 0.00	37.30 1.75 0.00	43.74 2.09 0.00	53.91 2.38 0.00	61.55 2.70 0.00	52.85 2.67 0.00	29.40 1.51 0.00	25.85 1.38 0.01	21.27 1.20 0.01	30.51 1.72 0.00	30.78 1.61 0.00	37.95 1.93 0.00	56.60 2.73 0.00	55.06 2.59 0.00	69.83 3.14 0.00	48.69 2.03 0.00	35.90 1.31 0.00	33.05 1.07 -0.01
ASTORIA_GT3_2 24099	38.91 1.76 -0.01	36.33 1.67 -0.01	28.65 1.40 -0.01	27.61 1.24 -0.01	29.59 1.32 -0.01	32.40 1.43 -0.01	33.93 1.60 0.00	37.30 1.75 0.00	43.74 2.09 0.00	53.91 2.38 0.00	61.55 2.70 0.00	52.85 2.67 0.00	29.40 1.51 0.00	25.85 1.38 0.01	21.27 1.20 0.01	30.51 1.72 0.00	30.78 1.61 0.00	37.95 1.93 0.00	56.60 2.73 0.00	55.06 2.59 0.00	69.83 3.14 0.00	48.69 2.03 0.00	35.90 1.31 0.00	33.05 1.07 -0.01
ASTORIA_GT3_3 24100	38.91 1.76 -0.01	36.33 1.67 -0.01	28.65 1.40 -0.01	27.61 1.24 -0.01	29.59 1.32 -0.01	32.40 1.43 -0.01	33.93 1.60 0.00	37.30 1.75 0.00	43.74 2.09 0.00	53.91 2.38 0.00	61.55 2.70 0.00	52.85 2.67 0.00	29.40 1.51 0.00	25.85 1.38 0.01	21.27 1.20 0.01	30.51 1.72 0.00	30.78 1.61 0.00	37.95 1.93 0.00	56.60 2.73 0.00	55.06 2.59 0.00	69.83 3.14 0.00	48.69 2.03 0.00	35.90 1.31 0.00	33.05 1.07 -0.01
ASTORIA_GT3_4 24101	38.91 1.76 -0.01	36.33 1.67 -0.01	28.65 1.40 -0.01	27.61 1.24 -0.01	29.59 1.32 -0.01	32.40 1.43 -0.01	33.93 1.60 0.00	37.30 1.75 0.00	43.74 2.09 0.00	53.91 2.38 0.00	61.55 2.70 0.00	52.85 2.67 0.00	29.40 1.51 0.00	25.85 1.38 0.01	21.27 1.20 0.01	30.51 1.72 0.00	30.78 1.61 0.00	37.95 1.93 0.00	56.60 2.73 0.00	55.06 2.59 0.00	69.83 3.14 0.00	48.69 2.03 0.00	35.90 1.31 0.00	33.05 1.07 -0.01
ASTORIA_GT4_1 24102	38.91 1.76 -0.01	36.33 1.67 -0.01	28.65 1.40 -0.01	27.61 1.24 -0.01	29.59 1.32 -0.01	32.40 1.43 -0.01	33.93 1.60 0.00	37.30 1.75 0.00	43.74 2.09 0.00	53.91 2.38 0.00	61.55 2.70 0.00	52.85 2.67 0.00	29.40 1.51 0.00	25.85 1.38 0.01	21.27 1.20 0.01	30.51 1.72 0.00	30.78 1.61 0.00	37.95 1.93 0.00	56.60 2.73 0.00	55.06 2.59 0.00	69.83 3.14 0.00	48.69 2.03 0.00	35.90 1.31 0.00	33.05 1.07 -0.01
ASTORIA_GT4_2 24103	38.91 1.76 -0.01	36.33 1.67 -0.01	28.65 1.40 -0.01	27.61 1.24 -0.01	29.59 1.32 -0.01	32.40 1.43 -0.01	33.93 1.60 0.00	37.30 1.75 0.00	43.74 2.09 0.00	53.91 2.38 0.00	61.55 2.70 0.00	52.85 2.67 0.00	29.40 1.51 0.00	25.85 1.38 0.01	21.27 1.20 0.01	30.51 1.72 0.00	30.78 1.61 0.00	37.95 1.93 0.00	56.60 2.73 0.00	55.06 2.59 0.00	69.83 3.14 0.00	48.69 2.03 0.00	35.90 1.31 0.00	33.05 1.07 -0.01
ASTORIA_GT4_3 24104	38.91 1.76 -0.01	36.33 1.67 -0.01	28.65 1.40 -0.01	27.61 1.24 -0.01	29.59 1.32 -0.01	32.40 1.43 -0.01	33.93 1.60 0.00	37.30 1.75 0.00	43.74 2.09 0.00	53.91 2.38 0.00	61.55 2.70 0.00	52.85 2.67 0.00	29.40 1.51 0.00	25.85 1.38 0.01	21.27 1.20 0.01	30.51 1.72 0.00	30.78 1.61 0.00	37.95 1.93 0.00	56.60 2.73 0.00	55.06 2.59 0.00	69.83 3.14 0.00	48.69 2.03 0.00	35.90 1.31 0.00	33.05 1.07 -0.01

ASTORIA_GT4_4 24105	38.91 1.76 -0.01	36.33 1.67 -0.01	28.65 1.40 -0.01	27.61 1.24 -0.01	29.59 1.32 -0.01	32.40 1.43 -0.01	33.93 1.60 0.00	37.30 1.75 0.00	43.74 2.09 0.00	53.91 2.38 0.00	61.55 2.70 0.00	52.85 2.67 0.00	29.40 1.51 0.00	25.85 1.38 0.01	21.27 1.20 0.01	30.51 1.72 0.00	30.78 1.61 0.00	37.95 1.93 0.00	56.60 2.73 0.00	55.06 2.59 0.00	69.83 3.14 0.00	48.69 2.03 0.00	35.90 1.31 0.00	33.05 1.07 -0.01
ASTORIA_GT_1 23523	38.95 1.80 -0.01	36.36 1.71 -0.01	28.65 1.41 -0.01	27.63 1.26 -0.01	29.61 1.35 -0.01	32.43 1.46 0.00	33.96 1.63 0.00	37.34 1.79 0.00	43.78 2.14 0.00	53.98 2.46 0.01	61.63 2.78 0.00	52.92 2.74 0.00	29.44 1.54 0.00	25.88 1.41 0.01	21.28 1.22 0.01	30.55 1.76 0.00	30.82 1.64 0.00	38.00 1.99 0.00	56.67 2.81 0.01	55.13 2.66 0.00	69.93 3.23 0.00	48.76 2.09 0.00	35.96 1.36 0.00	33.09 1.11 -0.01
ASTORIA_GT_10 24110	39.15 1.99 -0.01	37.04 1.94 -0.45	29.73 1.61 -0.88	28.82 1.44 -1.02	30.70 1.54 -0.91	32.92 1.67 -0.28	34.18 1.85 0.00	37.62 2.07 -0.01	44.14 2.49 -0.01	54.41 2.88 0.00	62.09 3.24 0.00	53.25 3.08 0.00	30.83 1.72 -1.22	31.06 1.56 -5.03	26.29 1.34 -4.89	31.61 1.91 -0.91	31.00 1.82 0.00	38.26 2.22 -0.02	57.08 3.18 -0.02	70.16 3.04 -14.65	108.55 3.68 -38.17	85.40 2.40 -36.33	39.08 1.58 -2.90	33.27 1.29 -0.01
ASTORIA_GT_11 24225	39.15 1.99 -0.01	37.04 1.94 -0.45	29.73 1.61 -0.88	28.82 1.44 -1.02	30.70 1.54 -0.91	32.92 1.67 -0.28	34.18 1.85 0.00	37.62 2.07 -0.01	44.14 2.49 -0.01	54.41 2.88 0.00	62.09 3.24 0.00	53.25 3.08 0.00	30.83 1.72 -1.22	31.06 1.56 -5.03	26.29 1.34 -4.89	31.61 1.91 -0.91	31.00 1.82 0.00	38.26 2.22 -0.02	57.08 3.18 -0.02	70.16 3.04 -14.65	108.55 3.68 -38.17	85.40 2.40 -36.33	39.08 1.58 -2.90	33.27 1.29 -0.01
ASTORIA_GT_12 24226	39.15 1.99 -0.01	37.04 1.94 -0.45	29.73 1.61 -0.88	28.82 1.44 -1.02	30.70 1.54 -0.91	32.92 1.67 -0.28	34.18 1.85 0.00	37.62 2.07 -0.01	44.14 2.49 -0.01	54.41 2.88 0.00	62.09 3.24 0.00	53.25 3.08 0.00	30.83 1.72 -1.22	31.06 1.56 -5.03	26.29 1.34 -4.89	31.61 1.91 -0.91	31.00 1.82 0.00	38.26 2.22 -0.02	57.08 3.18 -0.02	70.16 3.04 -14.65	108.55 3.68 -38.17	85.40 2.40 -36.33	39.08 1.58 -2.90	33.27 1.29 -0.01
ASTORIA_GT_13 24227	39.15 1.99 -0.01	37.04 1.94 -0.45	29.73 1.61 -0.88	28.82 1.44 -1.02	30.70 1.54 -0.91	32.92 1.67 -0.28	34.18 1.85 0.00	37.62 2.07 -0.01	44.14 2.49 -0.01	54.41 2.88 0.00	62.09 3.24 0.00	53.25 3.08 0.00	30.83 1.72 -1.22	31.06 1.56 -5.03	26.29 1.34 -4.89	31.61 1.91 -0.91	31.00 1.82 0.00	38.26 2.22 -0.02	57.08 3.18 -0.02	70.16 3.04 -14.65	108.55 3.68 -38.17	85.40 2.40 -36.33	39.08 1.58 -2.90	33.27 1.29 -0.01
ASTORIA_GT_5 24106	38.96 1.80 -0.01	36.37 1.71 -0.01	28.69 1.44 -0.01	27.64 1.27 -0.01	29.62 1.35 -0.01	32.44 1.47 -0.01	33.97 1.64 0.00	37.34 1.80 0.00	43.80 2.15 0.00	54.01 2.48 0.00	61.64 2.79 0.00	52.92 2.75 0.00	29.44 1.55 0.00	25.89 1.42 0.01	21.29 1.23 0.01	30.55 1.77 0.00	30.83 1.65 0.00	38.01 1.99 0.00	56.68 2.81 0.00	55.15 2.68 0.00	69.93 3.23 0.00	48.76 2.09 0.00	35.96 1.36 0.00	33.08 1.10 -0.01
ASTORIA_GT_7 24107	38.96 1.80 -0.01	36.37 1.71 -0.01	28.69 1.44 -0.01	27.64 1.27 -0.01	29.62 1.35 -0.01	32.44 1.47 -0.01	33.97 1.64 0.00	37.34 1.80 0.00	43.80 2.15 0.00	54.01 2.48 0.00	61.64 2.79 0.00	52.92 2.75 0.00	29.44 1.55 0.00	25.89 1.42 0.01	21.29 1.23 0.01	30.55 1.77 0.00	30.83 1.65 0.00	38.01 1.99 0.00	56.68 2.81 0.00	55.15 2.68 0.00	69.93 3.23 0.00	48.76 2.09 0.00	35.96 1.36 0.00	33.08 1.10 -0.01
ASTORIA_GT_8 24108	38.96 1.80 -0.01	36.37 1.71 -0.01	28.69 1.44 -0.01	27.64 1.27 -0.01	29.62 1.35 -0.01	32.44 1.47 -0.01	33.97 1.64 0.00	37.34 1.80 0.00	43.80 2.15 0.00	54.01 2.48 0.00	61.64 2.79 0.00	52.92 2.75 0.00	29.44 1.55 0.00	25.89 1.42 0.01	21.29 1.23 0.01	30.55 1.77 0.00	30.83 1.65 0.00	38.01 1.99 0.00	56.68 2.81 0.00	55.15 2.68 0.00	69.93 3.23 0.00	48.76 2.09 0.00	35.96 1.36 0.00	33.08 1.10 -0.01
ASTORIA___2 24149	38.91 1.76 -0.01	36.33 1.67 -0.01	28.62 1.37 -0.01	27.61 1.23 -0.01	29.59 1.32 -0.01	32.39 1.43 0.00	33.91 1.58 0.00	37.30 1.75 0.00	43.72 2.08 0.00	53.90 2.38 0.01	61.54 2.69 0.00	52.83 2.66 0.00	29.41 1.51 0.00	25.84 1.37 0.01	21.25 1.19 0.01	30.50 1.71 0.00	30.78 1.60 0.00	37.94 1.92 0.00	56.58 2.72 0.01	55.04 2.57 0.00	69.84 3.14 0.00	48.69 2.02 0.00	35.91 1.31 0.00	33.05 1.07 -0.01
ASTORIA___3 23516	39.15 1.99 -0.01	37.03 1.93 -0.45	29.72 1.61 -0.88	28.81 1.43 -1.02	30.70 1.53 -0.91	32.90 1.66 -0.28	34.17 1.84 0.00	37.61 2.06 -0.01	44.13 2.49 -0.01	54.38 2.85 0.00	62.07 3.22 0.00	53.25 3.07 0.00	30.83 1.71 -1.22	31.05 1.55 -5.03	26.29 1.33 -4.89	31.60 1.91 -0.91	31.00 1.82 0.00	38.25 2.22 -0.02	57.07 3.18 -0.02	70.15 3.03 -14.65	108.53 3.67 -38.17	85.39 2.40 -36.33	39.08 1.58 -2.90	33.27 1.29 -0.01
ASTORIA___4 23517	39.15 1.99 -0.01	37.04 1.94 -0.45	29.73 1.61 -0.88	28.82 1.44 -1.02	30.70 1.54 -0.91	32.92 1.67 -0.28	34.18 1.85 0.00	37.62 2.07 -0.01	44.14 2.49 -0.01	54.41 2.88 0.00	62.09 3.24 0.00	53.25 3.08 0.00	30.83 1.72 -1.22	31.06 1.56 -5.03	26.29 1.34 -4.89	31.61 1.91 -0.91	31.00 1.82 0.00	38.26 2.22 -0.02	57.08 3.18 -0.02	70.16 3.04 -14.65	108.55 3.68 -38.17	85.40 2.40 -36.33	39.08 1.58 -2.90	33.27 1.29 -0.01
ASTORIA___5 23518	39.15 1.99 -0.01	37.03 1.93 -0.45	29.72 1.61 -0.88	28.81 1.43 -1.02	30.69 1.53 -0.91	32.90 1.66 -0.28	34.17 1.84 0.00	37.61 2.06 -0.01	44.13 2.49 -0.01	54.38 2.85 0.00	62.07 3.22 0.00	53.25 3.07 0.00	30.83 1.71 -1.22	31.05 1.55 -5.03	26.29 1.33 -4.89	31.60 1.91 -0.91	31.00 1.82 0.00	38.25 2.22 -0.02	57.07 3.18 -0.02	70.15 3.03 -14.65	108.53 3.67 -38.17	85.39 2.40 -36.33	39.08 1.58 -2.90	33.27 1.29 -0.01
AST_ENERGY_2_CC3 323677	39.05 1.90 0.00	36.49 1.84 0.00	28.78 1.54 0.00	27.73 1.36 0.00	29.72 1.46 0.00	32.56 1.60 0.00	34.10 1.78 0.00	37.52 1.97 0.00	44.02 2.38 0.00	54.27 2.74 0.00	61.96 3.11 0.00	53.13 2.96 0.00	29.55 1.65 0.00	25.97 1.49 0.00	21.35 1.29 0.00	30.64 1.85 0.00	30.93 1.75 0.00	38.15 2.14 0.00	56.96 3.09 0.00	55.38 2.91 0.00	70.16 3.46 0.00	48.94 2.28 0.00	36.09 1.49 0.00	33.19 1.21 0.00
AST_ENERGY_2_CC4 323678	39.05 1.90 0.00	36.49 1.84 0.00	28.78 1.54 0.00	27.73 1.36 0.00	29.72 1.46 0.00	32.56 1.60 0.00	34.10 1.78 0.00	37.52 1.97 0.00	44.02 2.38 0.00	54.27 2.74 0.00	61.96 3.11 0.00	53.13 2.96 0.00	29.55 1.65 0.00	25.97 1.49 0.00	21.35 1.29 0.00	30.64 1.85 0.00	30.93 1.75 0.00	38.15 2.14 0.00	56.96 3.09 0.00	55.38 2.91 0.00	70.16 3.46 0.00	48.94 2.28 0.00	36.09 1.49 0.00	33.19 1.21 0.00

BARRETT_IC_5 23708	39.06 1.90 0.00	36.44 1.79 0.00	28.70 1.46 0.00	27.61 1.24 0.00	29.58 1.32 0.00	32.33 1.36 0.00	33.95 1.62 0.00	37.36 1.82 0.00	43.85 2.21 0.00	54.02 2.49 0.00	61.46 2.60 0.00	52.69 2.51 0.00	29.40 1.50 0.00	25.86 1.39 0.00	21.26 1.19 0.00	30.53 1.74 0.00	30.90 1.72 0.00	38.16 2.15 0.00	56.90 3.03 0.00	55.38 2.91 0.00	69.90 3.21 0.00	49.00 2.34 0.00	36.01 1.41 0.00	33.10 1.12 0.00
BARRETT_IC_6 23709	39.06 1.90 0.00	36.44 1.79 0.00	28.70 1.46 0.00	27.61 1.24 0.00	29.58 1.32 0.00	32.33 1.36 0.00	33.95 1.62 0.00	37.36 1.82 0.00	43.85 2.21 0.00	54.02 2.49 0.00	61.46 2.60 0.00	52.69 2.51 0.00	29.40 1.50 0.00	25.86 1.39 0.00	21.26 1.19 0.00	30.53 1.74 0.00	30.90 1.72 0.00	38.16 2.15 0.00	56.90 3.03 0.00	55.38 2.91 0.00	69.90 3.21 0.00	49.00 2.34 0.00	36.01 1.41 0.00	33.10 1.12 0.00
BARRETT_IC_7 23710	39.06 1.91 0.00	36.45 1.80 0.00	28.70 1.46 0.00	27.61 1.25 0.00	29.58 1.32 0.00	32.33 1.37 0.00	33.95 1.62 0.00	37.37 1.83 0.00	43.87 2.23 0.00	54.05 2.51 0.00	61.46 2.61 0.00	52.71 2.53 0.00	29.40 1.50 0.00	25.87 1.39 0.00	21.27 1.20 0.00	30.54 1.75 0.00	30.90 1.72 0.00	38.17 2.15 0.00	56.92 3.05 0.00	55.39 2.91 0.00	69.90 3.21 0.00	49.00 2.34 0.00	36.00 1.40 0.00	33.10 1.12 0.00
BARRETT_IC_8 23711	39.06 1.90 0.00	36.44 1.79 0.00	28.70 1.46 0.00	27.61 1.24 0.00	29.58 1.32 0.00	32.33 1.36 0.00	33.95 1.62 0.00	37.36 1.82 0.00	43.85 2.21 0.00	54.02 2.49 0.00	61.46 2.60 0.00	52.69 2.51 0.00	29.40 1.50 0.00	25.86 1.39 0.00	21.26 1.19 0.00	30.53 1.74 0.00	30.90 1.72 0.00	38.16 2.15 0.00	56.90 3.03 0.00	55.38 2.91 0.00	69.90 3.21 0.00	49.00 2.34 0.00	36.01 1.41 0.00	33.10 1.12 0.00
BARRETT_IC_9 23700	39.06 1.90 0.00	36.44 1.79 0.00	28.70 1.46 0.00	27.61 1.24 0.00	29.58 1.32 0.00	32.33 1.36 0.00	33.95 1.62 0.00	37.36 1.82 0.00	43.85 2.21 0.00	54.02 2.49 0.00	61.46 2.60 0.00	52.69 2.51 0.00	29.40 1.50 0.00	25.86 1.39 0.00	21.26 1.19 0.00	30.53 1.74 0.00	30.90 1.72 0.00	38.16 2.15 0.00	56.90 3.03 0.00	55.38 2.91 0.00	69.90 3.21 0.00	49.00 2.34 0.00	36.01 1.41 0.00	33.10 1.12 0.00
BARRETT___1 23545	39.06 1.90 0.00	36.44 1.79 0.00	28.70 1.46 0.00	27.61 1.24 0.00	29.58 1.32 0.00	32.33 1.36 0.00	33.95 1.62 0.00	37.36 1.82 0.00	43.85 2.21 0.00	54.02 2.49 0.00	61.46 2.60 0.00	52.69 2.51 0.00	29.40 1.50 0.00	25.86 1.39 0.00	21.26 1.19 0.00	30.53 1.74 0.00	30.90 1.72 0.00	38.16 2.15 0.00	56.90 3.03 0.00	55.38 2.91 0.00	69.90 3.21 0.00	49.00 2.34 0.00	36.01 1.41 0.00	33.10 1.12 0.00
BARRETT___2 23546	39.06 1.90 0.00	36.44 1.79 0.00	28.70 1.46 0.00	27.61 1.24 0.00	29.58 1.32 0.00	32.33 1.36 0.00	33.95 1.62 0.00	37.36 1.82 0.00	43.85 2.21 0.00	54.02 2.49 0.00	61.46 2.60 0.00	52.69 2.51 0.00	29.40 1.50 0.00	25.86 1.39 0.00	21.26 1.19 0.00	30.53 1.74 0.00	30.90 1.72 0.00	38.16 2.15 0.00	56.90 3.03 0.00	55.38 2.91 0.00	69.90 3.21 0.00	49.00 2.34 0.00	36.01 1.41 0.00	33.10 1.12 0.00
BATAVIA___115KV_TB1 55881	29.66 -2.57 4.92	27.53 -2.31 4.82	22.33 -1.93 2.98	20.89 -1.70 3.78	22.34 -1.81 4.10	26.63 -1.97 2.36	24.51 -2.63 5.19	26.73 -2.93 5.89	31.90 -3.33 6.40	40.68 -3.61 7.23	46.88 -4.30 7.67	38.88 -4.14 7.15	17.16 -2.32 8.41	17.82 -2.37 4.28	14.66 -1.75 3.66	21.47 -2.18 5.15	21.67 -2.21 5.29	26.89 -2.95 6.18	41.92 -4.02 7.93	45.86 -3.77 2.85	62.75 -3.95 0.00	44.15 -2.52 0.00	32.79 -1.81 0.00	30.36 -1.61 0.00
BAYONEEC___CTG1 323682	38.96 1.81 0.00	36.40 1.76 0.00	28.71 1.48 0.00	27.66 1.29 0.00	29.65 1.39 0.00	32.47 1.51 0.00	34.02 1.69 0.00	37.44 1.90 0.00	43.93 2.28 0.00	54.15 2.62 0.00	61.82 2.97 0.00	53.03 2.86 0.00	29.49 1.59 0.00	25.91 1.44 0.00	21.31 1.25 0.00	30.56 1.77 0.00	30.86 1.68 0.00	38.06 2.05 0.00	56.81 2.94 0.00	55.25 2.78 0.00	70.01 3.31 0.00	48.83 2.16 0.00	36.01 1.41 0.00	33.09 1.12 0.00
BAYONEEC___CTG10 323750	38.96 1.81 0.00	36.40 1.76 0.00	28.71 1.48 0.00	27.66 1.29 0.00	29.65 1.39 0.00	32.47 1.51 0.00	34.02 1.69 0.00	37.44 1.90 0.00	43.93 2.28 0.00	54.15 2.62 0.00	61.82 2.97 0.00	53.03 2.86 0.00	29.49 1.59 0.00	25.91 1.44 0.00	21.31 1.25 0.00	30.56 1.77 0.00	30.86 1.68 0.00	38.06 2.05 0.00	56.81 2.94 0.00	55.25 2.78 0.00	70.01 3.31 0.00	48.83 2.16 0.00	36.01 1.41 0.00	33.09 1.12 0.00
BAYONEEC___CTG2 323683	38.96 1.81 0.00	36.40 1.76 0.00	28.71 1.48 0.00	27.66 1.29 0.00	29.65 1.39 0.00	32.47 1.51 0.00	34.02 1.69 0.00	37.44 1.90 0.00	43.93 2.28 0.00	54.15 2.62 0.00	61.82 2.97 0.00	53.03 2.86 0.00	29.49 1.59 0.00	25.91 1.44 0.00	21.31 1.25 0.00	30.56 1.77 0.00	30.86 1.68 0.00	38.06 2.05 0.00	56.81 2.94 0.00	55.25 2.78 0.00	70.01 3.31 0.00	48.83 2.16 0.00	36.01 1.41 0.00	33.09 1.12 0.00
BAYONEEC___CTG3 323684	38.96 1.81 0.00	36.40 1.76 0.00	28.71 1.48 0.00	27.66 1.29 0.00	29.65 1.39 0.00	32.47 1.51 0.00	34.02 1.69 0.00	37.44 1.90 0.00	43.93 2.28 0.00	54.15 2.62 0.00	61.82 2.97 0.00	53.03 2.86 0.00	29.49 1.59 0.00	25.91 1.44 0.00	21.31 1.25 0.00	30.56 1.77 0.00	30.86 1.68 0.00	38.06 2.05 0.00	56.81 2.94 0.00	55.25 2.78 0.00	70.01 3.31 0.00	48.83 2.16 0.00	36.01 1.41 0.00	33.09 1.12 0.00
BAYONEEC___CTG4 323685	38.96 1.81 0.00	36.40 1.76 0.00	28.71 1.48 0.00	27.66 1.29 0.00	29.65 1.39 0.00	32.47 1.51 0.00	34.02 1.69 0.00	37.44 1.90 0.00	43.93 2.28 0.00	54.15 2.62 0.00	61.82 2.97 0.00	53.03 2.86 0.00	29.49 1.59 0.00	25.91 1.44 0.00	21.31 1.25 0.00	30.56 1.77 0.00	30.86 1.68 0.00	38.06 2.05 0.00	56.81 2.94 0.00	55.25 2.78 0.00	70.01 3.31 0.00	48.83 2.16 0.00	36.01 1.41 0.00	33.09 1.12 0.00
BAYONEEC___CTG5 323686	38.96 1.81 0.00	36.40 1.76 0.00	28.71 1.48 0.00	27.66 1.29 0.00	29.65 1.39 0.00	32.47 1.51 0.00	34.02 1.69 0.00	37.44 1.90 0.00	43.93 2.28 0.00	54.15 2.62 0.00	61.82 2.97 0.00	53.03 2.86 0.00	29.49 1.59 0.00	25.91 1.44 0.00	21.31 1.25 0.00	30.56 1.77 0.00	30.86 1.68 0.00	38.06 2.05 0.00	56.81 2.94 0.00	55.25 2.78 0.00	70.01 3.31 0.00	48.83 2.16 0.00	36.01 1.41 0.00	33.09 1.12 0.00
BAYONEEC___CTG6 323687	38.96 1.81 0.00	36.40 1.76 0.00	28.71 1.48 0.00	27.66 1.29 0.00	29.65 1.39 0.00	32.47 1.51 0.00	34.02 1.69 0.00	37.44 1.90 0.00	43.93 2.28 0.00	54.15 2.62 0.00	61.82 2.97 0.00	53.03 2.86 0.00	29.49 1.59 0.00	25.91 1.44 0.00	21.31 1.25 0.00	30.56 1.77 0.00	30.86 1.68 0.00	38.06 2.05 0.00	56.81 2.94 0.00	55.25 2.78 0.00	70.01 3.31 0.00	48.83 2.16 0.00	36.01 1.41 0.00	33.09 1.12 0.00

BAYONEEC___CTG7 323688	38.96 1.81 0.00	36.40 1.76 0.00	28.71 1.48 0.00	27.66 1.29 0.00	29.65 1.39 0.00	32.47 1.51 0.00	34.02 1.69 0.00	37.44 1.90 0.00	43.93 2.28 0.00	54.15 2.62 0.00	61.82 2.97 0.00	53.03 2.86 0.00	29.49 1.59 0.00	25.91 1.44 0.00	21.31 1.25 0.00	30.56 1.77 0.00	30.86 1.68 0.00	38.06 2.05 0.00	56.81 2.94 0.00	55.25 2.78 0.00	70.01 3.31 0.00	48.83 2.16 0.00	36.01 1.41 0.00	33.09 1.12 0.00
BAYONEEC___CTG8 323689	38.96 1.81 0.00	36.40 1.76 0.00	28.71 1.48 0.00	27.66 1.29 0.00	29.65 1.39 0.00	32.47 1.51 0.00	34.02 1.69 0.00	37.44 1.90 0.00	43.93 2.28 0.00	54.15 2.62 0.00	61.82 2.97 0.00	53.03 2.86 0.00	29.49 1.59 0.00	25.91 1.44 0.00	21.31 1.25 0.00	30.56 1.77 0.00	30.86 1.68 0.00	38.06 2.05 0.00	56.81 2.94 0.00	55.25 2.78 0.00	70.01 3.31 0.00	48.83 2.16 0.00	36.01 1.41 0.00	33.09 1.12 0.00
BAYONEEC___CTG9 323749	38.96 1.81 0.00	36.40 1.76 0.00	28.71 1.48 0.00	27.66 1.29 0.00	29.65 1.39 0.00	32.47 1.51 0.00	34.02 1.69 0.00	37.44 1.90 0.00	43.93 2.28 0.00	54.15 2.62 0.00	61.82 2.97 0.00	53.03 2.86 0.00	29.49 1.59 0.00	25.91 1.44 0.00	21.31 1.25 0.00	30.56 1.77 0.00	30.86 1.68 0.00	38.06 2.05 0.00	56.81 2.94 0.00	55.25 2.78 0.00	70.01 3.31 0.00	48.83 2.16 0.00	36.01 1.41 0.00	33.09 1.12 0.00
BEACON___LESR 323632	38.70 1.55 0.00	36.08 1.44 0.00	28.42 1.18 0.00	27.49 1.12 0.00	29.46 1.20 0.00	32.23 1.27 0.00	33.76 1.43 0.00	37.12 1.57 0.00	43.54 1.90 0.00	53.64 2.11 0.00	61.22 2.37 0.00	52.21 2.04 0.00	29.05 1.15 0.00	25.34 0.86 0.00	20.83 0.77 0.00	29.71 0.91 0.00	29.99 0.81 0.00	37.03 1.02 0.00	55.15 1.28 0.00	53.65 1.18 0.00	67.96 1.26 0.00	47.35 0.69 0.00	35.09 0.49 0.00	32.27 0.29 0.00
BEAVER RIVER___HYD 24048	39.29 -1.17 -3.31	36.53 -1.30 -3.19	28.86 -1.14 -2.76	28.00 -1.09 -2.71	29.65 -1.20 -2.58	31.62 -1.30 -1.96	32.83 -1.30 -1.80	37.10 -1.38 -2.94	43.64 -1.57 -3.56	53.91 -1.75 -4.13	61.41 -1.99 -4.54	52.40 -1.79 -4.02	29.62 -1.06 -2.78	26.05 -0.35 -1.93	21.80 -0.63 -2.35	30.45 -1.17 -2.83	30.98 -1.07 -2.86	37.98 -1.30 -3.27	56.78 -1.36 -4.28	54.37 -1.65 -3.55	68.78 -1.50 -3.58	50.07 -0.48 -3.88	37.47 -0.32 -3.19	34.28 -0.01 -2.31
BEEBEE_GT_13 23619	33.72 -2.18 1.25	31.50 -1.93 1.22	24.88 -1.60 0.76	23.96 -1.45 0.96	25.68 -1.54 1.04	28.67 -1.69 0.60	28.87 -2.14 1.32	31.67 -2.38 1.50	37.29 -2.72 1.63	46.68 -3.01 1.84	53.35 -3.53 1.97	44.95 -3.29 1.94	21.35 -1.87 4.68	21.65 -1.72 1.11	17.74 -1.38 0.95	25.63 -1.83 1.34	25.49 -1.86 1.83	31.56 -2.32 2.14	47.93 -3.20 2.74	48.40 -3.09 0.98	63.25 -3.45 0.00	44.43 -2.24 0.00	32.97 -1.63 0.00	30.53 -1.45 0.00
BENSHRST_27_KV_BENSHRST_1 355998	50.06 2.44 -10.47	49.34 2.34 -12.36	48.66 1.91 -19.51	48.67 1.71 -20.59	48.58 1.84 -18.48	48.81 2.03 -15.82	49.37 2.20 -14.84	49.47 2.45 -11.47	50.36 2.95 -5.77	55.15 3.41 -0.21	62.83 3.90 -0.08	76.12 3.66 -22.28	50.68 2.04 -20.74	50.42 1.81 -24.14	60.07 1.54 -38.46	53.91 2.22 -22.90	50.42 2.16 -19.08	51.47 2.64 -12.82	73.23 3.80 -15.56	96.89 3.69 -40.72	109.18 4.30 -38.18	85.95 2.94 -36.34	50.43 1.99 -13.85	50.12 1.65 -16.49
BETHLEHEM___GRP 23843	38.40 1.25 0.00	35.83 1.18 0.00	28.22 0.98 0.00	27.28 0.91 0.00	29.24 0.98 0.00	31.99 1.03 0.00	33.48 1.15 0.00	36.81 1.27 0.00	43.13 1.48 0.00	53.09 1.56 0.00	60.62 1.77 0.00	51.79 1.62 0.00	28.75 0.86 0.00	25.02 0.55 0.00	20.60 0.53 0.00	29.46 0.67 0.00	29.82 0.64 0.00	36.73 0.72 0.00	54.70 0.83 0.00	53.28 0.81 0.00	67.49 0.79 0.00	47.09 0.42 0.00	34.93 0.32 0.00	32.13 0.15 0.00
BETHLEHEM___GS1 323560	38.40 1.25 0.00	35.83 1.18 0.00	28.22 0.98 0.00	27.28 0.91 0.00	29.24 0.98 0.00	31.99 1.03 0.00	33.48 1.15 0.00	36.80 1.26 0.00	43.12 1.48 0.00	53.08 1.54 0.00	60.61 1.76 0.00	51.77 1.60 0.00	28.75 0.86 0.00	25.02 0.54 0.00	20.60 0.53 0.00	29.47 0.68 0.00	29.82 0.64 0.00	36.73 0.71 0.00	54.70 0.83 0.00	53.28 0.80 0.00	67.48 0.79 0.00	47.09 0.42 0.00	34.93 0.33 0.00	32.12 0.15 0.00
BETHLEHEM___GS2 323561	38.40 1.25 0.00	35.83 1.18 0.00	28.22 0.98 0.00	27.28 0.91 0.00	29.24 0.98 0.00	31.99 1.03 0.00	33.48 1.15 0.00	36.80 1.26 0.00	43.12 1.48 0.00	53.08 1.54 0.00	60.61 1.76 0.00	51.77 1.60 0.00	28.75 0.86 0.00	25.02 0.54 0.00	20.60 0.53 0.00	29.47 0.68 0.00	29.82 0.64 0.00	36.73 0.71 0.00	54.70 0.83 0.00	53.28 0.80 0.00	67.48 0.79 0.00	47.09 0.42 0.00	34.93 0.33 0.00	32.12 0.15 0.00
BETHLEHEM___GS3 323562	38.40 1.25 0.00	35.83 1.18 0.00	28.22 0.98 0.00	27.28 0.91 0.00	29.24 0.98 0.00	31.99 1.03 0.00	33.48 1.15 0.00	36.80 1.26 0.00	43.12 1.48 0.00	53.08 1.54 0.00	60.61 1.76 0.00	51.77 1.60 0.00	28.75 0.86 0.00	25.02 0.54 0.00	20.60 0.53 0.00	29.47 0.68 0.00	29.82 0.64 0.00	36.73 0.71 0.00	54.70 0.83 0.00	53.28 0.80 0.00	67.48 0.79 0.00	47.09 0.42 0.00	34.93 0.33 0.00	32.12 0.15 0.00
BETHLEHEM___STEEL 23779	29.10 -3.10 4.95	27.07 -2.74 4.84	21.97 -2.27 3.00	20.54 -2.02 3.80	21.97 -2.16 4.12	26.23 -2.35 2.38	24.01 -3.10 5.22	26.16 -3.46 5.92	31.18 -4.03 6.44	39.83 -4.42 7.28	45.84 -5.30 7.71	38.09 -4.86 7.22	15.55 -2.63 9.71	17.63 -2.55 4.30	14.37 -2.01 3.68	20.85 -2.77 5.18	21.25 -2.78 5.14	26.46 -3.54 6.01	41.22 -4.93 7.71	44.96 -4.74 2.77	61.58 -5.12 0.00	43.47 -3.20 0.00	32.31 -2.29 0.00	29.94 -2.04 0.00
BETHLHEM_115KV_TB1 79974	38.34 1.19 0.00	35.78 1.12 0.00	28.18 0.94 0.00	27.25 0.88 0.00	29.20 0.94 0.00	31.95 0.98 0.00	33.44 1.11 0.00	36.76 1.22 0.00	43.06 1.42 0.00	53.03 1.50 0.00	60.56 1.71 0.00	51.74 1.57 0.00	28.74 0.84 0.00	25.03 0.56 0.00	20.60 0.53 0.00	29.48 0.69 0.00	29.83 0.65 0.00	36.76 0.74 0.00	54.75 0.88 0.00	53.33 0.86 0.00	67.56 0.87 0.00	47.14 0.48 0.00	34.95 0.35 0.00	32.16 0.19 0.00
BETHPAGE_CC_5 323564	39.16 2.01 0.00	36.45 1.80 0.00	28.71 1.47 0.00	27.61 1.25 0.00	29.58 1.32 0.00	32.34 1.37 0.00	34.02 1.69 0.00	37.44 1.90 0.00	43.96 2.32 0.00	54.07 2.54 0.00	61.42 2.56 0.00	52.64 2.47 0.00	29.39 1.49 0.00	25.86 1.39 0.00	21.25 1.18 0.00	30.55 1.76 0.00	30.98 1.81 0.00	38.32 2.30 0.00	57.25 3.38 0.00	55.79 3.31 0.00	70.30 3.60 0.00	49.28 2.62 0.00	36.17 1.57 0.00	33.23 1.26 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.57 -3.03 4.55	27.52 -2.67 4.45	22.27 -2.21 2.76	20.91 -1.97 3.50	22.36 -2.10 3.79	26.50 -2.27 2.18	24.51 -3.01 4.80	26.74 -3.36 5.45	31.80 -3.92 5.92	40.53 -4.31 6.69	46.61 -5.15 7.09	38.78 -4.73 6.66	15.75 -2.55 9.60	18.04 -2.48 3.95	14.74 -1.94 3.38	21.35 -2.69 4.76	21.76 -2.68 4.73	27.03 -3.45 5.53	41.99 -4.78 7.10	45.37 -4.56 2.55	61.82 -4.88 0.00	43.61 -3.05 0.00	32.42 -2.19 0.00	30.02 -1.96 0.00

BRISTLHL_115KV_TB1 79998	35.89 -1.27 0.00	33.47 -1.18 0.00	26.28 -0.96 0.00	25.47 -0.90 0.00	27.31 -0.95 0.00	29.92 -1.04 0.00	31.20 -1.12 0.00	34.35 -1.19 0.00	40.27 -1.37 0.00	49.91 -1.62 0.00	57.01 -1.84 0.00	48.55 -1.62 0.00	26.97 -0.93 0.00	23.64 -0.83 0.00	19.35 -0.72 0.00	27.79 -1.00 0.00	28.20 -0.98 0.00	34.79 -1.22 0.00	52.05 -1.81 0.00	50.73 -1.74 0.00	64.57 -2.12 0.00	45.19 -1.48 0.00	33.49 -1.11 0.00	31.07 -0.90 0.00
BROOKHAVEN___DRP 24191	38.92 1.76 0.00	36.02 1.36 0.00	28.40 1.16 0.00	27.31 0.94 0.00	29.25 0.98 0.00	31.95 0.98 0.00	33.82 1.50 0.00	37.48 1.93 0.00	43.99 2.35 0.00	53.66 2.13 0.00	59.77 1.13 0.21	27.42 1.08 23.83	28.53 0.78 0.15	25.26 0.79 0.00	20.77 0.71 0.00	29.83 1.04 0.00	30.35 1.17 0.00	37.69 1.68 0.00	56.54 2.67 0.00	55.27 2.80 0.00	69.55 2.85 0.00	49.07 2.40 0.00	35.94 1.35 0.00	33.00 1.02 0.00
BROOKLYN_NAVY_YARD 23515	39.03 1.88 0.00	36.46 1.81 0.00	28.77 1.53 0.00	27.71 1.34 0.00	29.69 1.43 0.00	32.53 1.57 0.00	34.07 1.74 0.00	37.45 1.90 0.00	43.96 2.31 0.00	54.19 2.66 0.00	61.85 3.00 0.00	53.03 2.86 0.00	29.49 1.59 0.00	25.91 1.44 0.00	21.32 1.25 0.00	30.59 1.79 0.00	30.86 1.69 0.00	38.05 2.04 0.00	56.79 2.92 0.00	55.25 2.78 0.00	70.04 3.34 0.00	48.82 2.15 0.00	36.03 1.43 0.00	33.15 1.18 0.00
BROOKLYN___ARMY_DRP 323595	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.27 2.00 -19.08	51.27 2.43 -12.82	72.92 3.49 -15.56	96.59 3.39 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.49 -16.49
BROOKVLE_69_KV_TB1 55790	39.27 2.12 0.00	36.59 1.94 0.00	28.81 1.57 0.00	27.73 1.36 0.00	29.71 1.45 0.00	32.49 1.53 0.00	34.14 1.82 0.00	37.59 2.04 0.00	44.13 2.49 0.00	54.34 2.81 0.00	61.80 2.95 0.00	53.00 2.82 0.00	29.57 1.67 0.00	26.01 1.54 0.00	21.38 1.31 0.00	30.72 1.93 0.00	31.12 1.95 0.00	38.45 2.44 0.00	57.44 3.57 0.00	55.95 3.48 0.00	70.58 3.88 0.00	49.43 2.76 0.00	36.30 1.70 0.00	33.35 1.37 0.00
BROOME_2_LFGE 323671	36.32 -0.84 0.00	33.90 -0.76 0.00	26.58 -0.66 0.00	25.82 -0.55 0.00	27.70 -0.57 0.00	30.35 -0.60 0.00	31.63 -0.69 0.00	34.86 -0.68 0.00	40.87 -0.78 0.00	50.56 -0.96 0.00	57.76 -1.09 0.00	49.02 -1.06 0.10	24.31 -0.67 2.92	23.90 -0.58 0.00	19.58 -0.49 0.00	28.15 -0.65 0.00	28.55 -0.63 0.00	35.24 -0.77 0.00	52.84 -1.02 0.00	51.53 -0.94 0.00	65.73 -0.97 0.00	45.99 -0.68 0.00	34.00 -0.60 0.00	31.44 -0.54 0.00
BROOME___LFGE 323600	36.32 -0.84 0.00	33.90 -0.76 0.00	26.58 -0.66 0.00	25.82 -0.55 0.00	27.70 -0.57 0.00	30.35 -0.60 0.00	31.63 -0.69 0.00	34.86 -0.68 0.00	40.87 -0.78 0.00	50.56 -0.96 0.00	57.76 -1.09 0.00	49.02 -1.06 0.10	24.31 -0.67 2.92	23.90 -0.58 0.00	19.58 -0.49 0.00	28.15 -0.65 0.00	28.55 -0.63 0.00	35.24 -0.77 0.00	52.84 -1.02 0.00	51.53 -0.94 0.00	65.73 -0.97 0.00	45.99 -0.68 0.00	34.00 -0.60 0.00	31.44 -0.54 0.00
BROWNFLS_115KV_TB_3_5 80003	42.12 -0.94 -5.90	39.29 -1.03 -5.67	31.23 -0.92 -4.91	30.29 -0.90 -4.83	31.87 -0.99 -4.60	33.35 -1.10 -3.49	34.40 -1.13 -3.20	39.53 -1.25 -5.23	46.54 -1.44 -6.35	57.31 -1.57 -7.36	65.14 -1.80 -8.08	55.69 -1.64 -7.16	31.91 -0.94 -4.95	27.44 -0.46 -3.43	23.65 -0.61 -4.19	32.79 -1.05 -5.05	33.30 -0.98 -5.10	40.65 -1.17 -5.80	60.11 -1.36 -7.60	57.26 -1.52 -6.31	71.56 -1.50 -6.37	52.96 -0.61 -6.90	39.88 -0.39 -5.67	35.92 -0.17 -4.11
BROWNSV1_27_KV_LOAD 356125	39.33 2.18 0.00	36.75 2.10 0.00	28.97 1.73 0.00	27.92 1.55 0.00	29.92 1.66 0.00	32.78 1.82 0.00	34.33 2.01 0.00	37.79 2.24 0.00	44.34 2.70 0.00	54.70 3.17 0.00	62.46 3.61 0.00	53.55 3.38 0.00	29.78 1.88 0.00	26.18 1.70 0.00	21.52 1.45 0.00	30.87 2.08 0.00	31.18 2.00 0.00	38.46 2.44 0.00	57.42 3.55 0.00	55.86 3.38 0.00	70.79 4.09 0.00	49.35 2.68 0.00	36.37 1.78 0.00	33.43 1.46 0.00
BURROWS___LYONSDAL 23803	38.39 -0.46 -1.70	35.70 -0.59 -1.64	28.11 -0.55 -1.42	27.26 -0.50 -1.39	29.01 -0.58 -1.33	31.35 -0.61 -1.01	32.67 -0.58 -0.92	36.48 -0.57 -1.51	42.86 -0.61 -1.83	52.99 -0.66 -2.12	60.47 -0.71 -2.33	51.63 -0.61 -2.06	28.92 -0.40 -1.43	25.62 0.15 -0.99	21.11 -0.17 -1.21	29.80 -0.45 -1.46	30.27 -0.38 -1.47	37.30 -0.41 -1.69	55.84 -0.25 -2.22	53.87 -0.45 -1.84	68.34 -0.22 -1.86	48.91 0.22 -2.02	36.46 0.20 -1.66	33.52 0.34 -1.20
CAITHNESS_CC_1 323624	38.91 1.76 0.00	36.06 1.41 0.00	28.43 1.19 0.00	27.34 0.97 0.00	29.28 1.02 0.00	31.97 1.01 0.00	33.82 1.49 0.00	37.41 1.87 0.00	43.91 2.27 0.00	53.66 2.13 0.00	59.96 1.32 0.21	27.64 1.30 23.84	28.65 0.91 0.15	25.36 0.88 0.00	20.85 0.79 0.00	29.95 1.16 0.00	30.45 1.27 0.00	37.80 1.78 0.00	56.62 2.76 0.00	55.33 2.85 0.00	69.62 2.92 0.00	49.08 2.41 0.00	35.95 1.35 0.00	33.03 1.05 0.00
CALPINE BETH_PAGE_GT4 24209	39.12 1.97 0.00	36.42 1.77 0.00	28.69 1.45 0.00	27.60 1.23 0.00	29.55 1.29 0.00	32.32 1.36 0.00	33.99 1.66 0.00	37.38 1.83 0.00	43.88 2.24 0.00	54.00 2.47 0.00	61.34 2.49 0.00	52.58 2.41 0.00	29.34 1.44 0.00	25.83 1.35 0.00	21.23 1.16 0.00	30.51 1.72 0.00	30.93 1.75 0.00	38.25 2.24 0.00	57.16 3.29 0.00	55.68 3.21 0.00	70.18 3.48 0.00	49.19 2.52 0.00	36.10 1.50 0.00	33.17 1.20 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.12 1.96 0.00	36.42 1.76 0.00	28.68 1.44 0.00	27.59 1.22 0.00	29.55 1.29 0.00	32.31 1.35 0.00	33.98 1.65 0.00	37.36 1.82 0.00	43.88 2.23 0.00	53.98 2.45 0.00	61.32 2.47 0.00	52.57 2.40 0.00	29.34 1.44 0.00	25.81 1.34 0.00	21.22 1.15 0.00	30.51 1.72 0.00	30.93 1.75 0.00	38.24 2.23 0.00	57.14 3.27 0.00	55.68 3.21 0.00	70.18 3.48 0.00	49.18 2.52 0.00	36.10 1.50 0.00	33.17 1.20 0.00
CALPINE_BP_GT1 23823	39.12 1.96 0.00	36.42 1.76 0.00	28.68 1.44 0.00	27.59 1.22 0.00	29.55 1.29 0.00	32.31 1.35 0.00	33.98 1.65 0.00	37.36 1.82 0.00	43.88 2.23 0.00	53.98 2.45 0.00	61.32 2.47 0.00	52.57 2.40 0.00	29.34 1.44 0.00	25.81 1.34 0.00	21.22 1.15 0.00	30.51 1.72 0.00	30.93 1.75 0.00	38.24 2.23 0.00	57.14 3.27 0.00	55.68 3.21 0.00	70.18 3.48 0.00	49.18 2.52 0.00	36.10 1.50 0.00	33.17 1.20 0.00
CALSPAN___DRP 24200	29.10 -3.10 4.95	27.07 -2.74 4.84	21.97 -2.27 3.00	20.54 -2.02 3.80	21.97 -2.16 4.12	26.23 -2.35 2.38	24.01 -3.10 5.22	26.16 -3.46 5.92	31.18 -4.03 6.44	39.83 -4.42 7.28	45.84 -5.30 7.71	38.09 -4.86 7.22	15.55 -2.63 9.71	17.63 -2.55 4.30	14.37 -2.01 3.68	20.85 -2.77 5.18	21.25 -2.78 5.14	26.46 -3.54 6.01	41.22 -4.93 7.71	44.96 -4.74 2.77	61.58 -5.12 0.00	43.47 -3.20 0.00	32.31 -2.29 0.00	29.94 -2.04 0.00

CALVERTON___SOLAR 323806	38.89 1.73 0.00	35.85 1.20 0.00	28.26 1.02 0.00	27.18 0.81 0.00	29.11 0.85 0.00	31.78 0.82 0.00	33.77 1.45 0.00	37.60 2.05 0.00	44.11 2.47 0.00	53.50 1.97 0.00	59.14 0.47 0.18	30.37 0.29 20.09	28.15 0.39 0.13	24.91 0.44 0.00	20.48 0.41 0.00	29.42 0.62 0.00	30.14 0.96 0.00	37.60 1.58 0.00	56.49 2.62 0.00	55.25 2.78 0.00	69.55 2.85 0.00	49.11 2.44 0.00	35.96 1.36 0.00	33.02 1.05 0.00
CANDIGU_WT_PWR 323617	-30.04 -3.59 63.60	-30.83 -3.26 62.22	-14.00 -2.72 38.52	-24.92 -2.48 48.82	-27.24 -2.52 52.98	-2.39 -2.85 30.50	-37.75 -3.06 67.01	-43.75 -3.22 76.08	-44.85 -3.78 82.72	-46.38 -4.67 93.24	-45.10 -5.35 98.61	-44.80 -4.86 90.12	-31.48 -2.86 56.52	-32.86 -2.44 54.90	-28.95 -2.02 47.00	-39.95 -2.63 66.11	-35.71 -2.61 62.27	-39.99 -3.30 72.70	-43.88 -4.40 93.35	15.30 -3.67 33.50	63.05 -3.65 0.00	44.05 -2.61 0.00	32.21 -2.39 0.00	30.11 -1.87 0.00
CARR STREET_E_SYR 24060	36.17 -0.99 0.00	33.73 -0.92 0.00	26.48 -0.76 0.00	25.68 -0.69 0.00	27.53 -0.73 0.00	30.16 -0.80 0.00	31.44 -0.88 0.00	34.61 -0.93 0.00	40.59 -1.05 0.00	50.29 -1.24 0.00	57.43 -1.42 0.00	48.90 -1.27 0.00	27.15 -0.75 0.00	23.81 -0.66 0.00	19.48 -0.58 0.00	27.99 -0.80 0.00	28.39 -0.79 0.00	35.02 -0.99 0.00	52.45 -1.42 0.00	51.11 -1.37 0.00	65.07 -1.63 0.00	45.54 -1.13 0.00	33.75 -0.85 0.00	31.29 -0.69 0.00
CARTHAGE___PAPER 23857	38.89 -0.97 -2.71	36.18 -1.08 -2.61	28.52 -0.97 -2.25	27.66 -0.92 -2.22	29.36 -1.01 -2.11	31.48 -1.08 -1.60	32.73 -1.06 -1.47	36.82 -1.13 -2.40	43.34 -1.21 -2.91	53.65 -1.26 -3.38	61.18 -1.38 -3.71	52.16 -1.30 -3.28	29.39 -0.78 -2.27	25.82 -0.23 -1.57	21.55 -0.44 -1.92	30.22 -0.89 -2.32	30.80 -0.72 -2.34	37.75 -0.93 -2.67	56.62 -0.75 -3.49	54.32 -1.05 -2.90	68.94 -0.68 -2.93	49.90 0.07 -3.17	37.23 0.03 -2.60	34.23 0.37 -1.89
CASSADAGA_WT_PWR 323784	30.48 -4.31 2.37	28.44 -3.90 2.32	22.60 -3.20 1.43	21.63 -2.92 1.82	23.18 -3.11 1.97	26.36 -3.47 1.14	25.97 -3.86 2.50	28.75 -3.96 2.83	34.13 -4.43 3.08	43.43 -4.60 3.49	48.91 -6.23 3.71	40.80 -5.76 3.61	15.85 -3.16 8.89	19.52 -2.88 2.07	16.41 -1.89 1.77	23.01 -3.29 2.49	23.51 -3.16 2.51	29.31 -3.76 2.93	45.50 -4.60 3.77	46.13 -4.99 1.35	60.70 -6.00 0.00	43.09 -3.57 0.00	31.95 -2.65 0.00	29.82 -2.16 0.00
CE_DUNWOOD___DRP 24194	38.82 1.67 0.00	36.25 1.60 0.00	28.56 1.33 0.00	27.54 1.17 0.00	29.52 1.26 0.00	32.34 1.37 0.00	33.86 1.53 0.00	37.26 1.72 0.00	43.72 2.07 0.00	53.91 2.38 0.00	61.57 2.72 0.00	52.77 2.60 0.00	29.35 1.45 0.00	25.79 1.31 0.00	21.20 1.13 0.00	30.40 1.61 0.00	30.72 1.55 0.00	37.90 1.89 0.00	56.61 2.74 0.00	55.08 2.61 0.00	69.76 3.06 0.00	48.66 1.99 0.00	35.88 1.28 0.00	32.97 0.99 0.00
CE_MILLWOOD___DRP 24193	38.68 1.53 0.00	36.11 1.46 0.00	28.45 1.21 0.00	27.43 1.05 0.00	29.41 1.14 0.00	32.22 1.26 0.00	33.74 1.41 0.00	37.13 1.59 0.00	43.56 1.92 0.00	53.74 2.21 0.00	61.39 2.54 0.00	52.60 2.42 0.00	29.24 1.34 0.00	25.69 1.22 0.00	21.11 1.05 0.00	30.28 1.48 0.00	30.60 1.42 0.00	37.75 1.73 0.00	56.38 2.51 0.00	54.86 2.39 0.00	69.49 2.79 0.00	48.48 1.81 0.00	35.75 1.15 0.00	32.85 0.87 0.00
CE_NYC2_DRP 24202	39.16 2.01 -0.01	37.04 1.94 -0.45	29.73 1.61 -0.88	28.83 1.44 -1.02	30.71 1.55 -0.91	32.93 1.68 -0.28	34.18 1.85 0.00	37.62 2.07 -0.01	44.14 2.49 -0.01	54.41 2.88 0.00	62.10 3.25 0.00	53.26 3.09 0.00	30.84 1.73 -1.22	31.07 1.56 -5.03	26.30 1.35 -4.89	31.61 1.91 -0.91	31.01 1.83 0.00	38.26 2.22 -0.02	57.09 3.20 -0.02	70.17 3.05 -14.65	108.56 3.69 -38.17	85.41 2.41 -36.33	39.08 1.58 -2.90	33.28 1.29 -0.01
CE_NYC_DRP 24195	39.04 1.88 0.00	36.48 1.83 0.00	28.76 1.53 0.00	27.73 1.36 0.00	29.71 1.45 0.00	32.54 1.58 0.00	34.10 1.77 0.00	37.52 1.98 0.00	44.03 2.39 0.00	54.30 2.77 0.00	61.99 3.14 0.00	53.15 2.98 0.00	29.55 1.65 0.00	25.97 1.49 0.00	21.36 1.29 0.00	30.63 1.84 0.00	30.93 1.75 0.00	38.14 2.13 0.00	56.97 3.10 0.00	55.38 2.91 0.00	70.16 3.46 0.00	48.93 2.26 0.00	36.09 1.49 0.00	33.17 1.19 0.00
CHAFFEE___LFGE 323603	34.80 -2.36 0.00	32.58 -2.07 0.00	25.49 -1.75 0.00	24.83 -1.54 0.00	26.67 -1.59 0.00	29.32 -1.64 0.00	30.23 -2.10 0.00	33.43 -2.12 0.00	39.24 -2.40 0.00	48.64 -2.89 0.00	55.26 -3.59 0.00	46.31 -3.60 0.26	17.66 -2.08 8.16	22.54 -1.94 0.00	18.54 -1.53 0.00	26.72 -2.07 0.00	27.11 -2.06 0.00	33.32 -2.70 0.00	50.38 -3.49 0.00	49.15 -3.32 0.00	63.21 -3.49 0.00	44.41 -2.25 0.00	32.89 -1.71 0.00	30.48 -1.50 0.00
CHATEAUG_35_KV_LOAD 355732	-23.50 -0.85 59.80	-23.69 -0.85 57.49	-23.27 -0.73 49.78	-23.21 -0.69 48.90	-19.06 -0.75 46.58	-5.18 -0.80 35.35	-0.99 -0.87 32.45	-18.44 -1.00 52.99	-23.84 -1.21 64.27	-24.32 -1.30 74.55	-24.51 -1.48 81.88	-23.73 -1.43 72.48	-23.02 -0.76 50.16	-10.90 -0.62 34.75	-22.93 -0.53 42.47	-23.13 -0.80 51.13	-23.28 -0.79 51.67	-23.63 -0.93 58.71	-24.37 -1.34 76.90	-12.51 -1.22 63.76	0.85 -1.47 64.38	-23.99 -0.91 69.74	-23.30 -0.57 57.33	-10.12 -0.50 41.60
CHATEAUG_WT_PWR 323614	-19.58 -0.97 55.77	-19.91 -0.95 53.61	-19.98 -0.80 46.42	-19.99 -0.76 45.60	-16.00 -0.83 43.43	-2.88 -0.88 32.96	1.12 -0.96 30.25	-14.97 -1.10 49.41	-19.65 -1.36 59.93	-19.47 -1.49 69.52	-19.19 -1.68 76.35	-18.96 -1.56 67.58	-19.70 -0.83 46.77	-8.61 -0.68 32.40	-20.13 -0.60 39.60	-19.78 -0.89 47.68	-19.90 -0.89 48.19	-19.81 -1.07 54.75	-19.36 -1.53 71.71	-8.45 -1.46 59.46	4.95 -1.72 60.03	-19.45 -1.09 65.03	-19.58 -0.73 53.46	-7.43 -0.61 38.79
CHAT_HIGH_FALL_HYD 323578	-23.50 -0.85 59.80	-23.69 -0.85 57.49	-23.27 -0.73 49.78	-23.21 -0.69 48.90	-19.06 -0.75 46.58	-5.18 -0.80 35.35	-0.99 -0.87 32.45	-18.44 -1.00 52.99	-23.84 -1.21 64.27	-24.32 -1.30 74.55	-24.51 -1.48 81.88	-23.73 -1.43 72.48	-23.02 -0.76 50.16	-10.90 -0.62 34.75	-22.93 -0.53 42.47	-23.13 -0.80 51.13	-23.28 -0.79 51.67	-23.63 -0.93 58.71	-24.37 -1.34 76.90	-12.51 -1.22 63.76	0.85 -1.47 64.38	-23.99 -0.91 69.74	-23.30 -0.57 57.33	-10.12 -0.50 41.60
CHAUTAUQUA___LFGE 323629	29.95 -3.68 3.52	27.88 -3.34 3.44	22.33 -2.78 2.13	21.18 -2.49 2.70	22.73 -2.60 2.93	26.42 -2.85 1.69	25.29 -3.33 3.70	28.01 -3.33 4.21	33.33 -3.74 4.57	42.53 -3.81 5.18	48.10 -5.26 5.50	40.02 -4.92 5.23	15.83 -2.77 9.29	18.76 -2.65 3.07	15.61 -1.83 2.63	22.21 -2.89 3.69	22.62 -2.87 3.69	28.21 -3.50 4.30	43.82 -4.52 5.53	45.85 -4.64 1.98	61.38 -5.32 0.00	43.43 -3.24 0.00	32.23 -2.36 0.00	29.91 -2.07 0.00
CHERRYST_13_KV_LD 356241	39.13 1.98 0.00	36.57 1.92 0.00	28.84 1.60 0.00	27.79 1.42 0.00	29.78 1.52 0.00	32.63 1.67 0.00	34.18 1.85 0.00	37.61 2.07 0.00	44.15 2.50 0.00	54.43 2.91 0.00	62.15 3.30 0.00	53.30 3.13 0.00	29.64 1.74 0.00	26.04 1.56 0.00	21.42 1.35 0.00	30.71 1.92 0.00	31.01 1.84 0.00	38.25 2.23 0.00	57.12 3.25 0.00	55.54 3.07 0.00	70.36 3.66 0.00	49.07 2.40 0.00	36.18 1.58 0.00	33.25 1.28 0.00

CHESTROR_138KV_BK263 355645	38.30 1.15 0.00	35.74 1.09 0.00	28.15 0.91 0.00	27.15 0.78 0.00	29.14 0.87 0.00	31.94 0.97 0.00	33.44 1.11 0.00	36.81 1.27 0.00	43.17 1.53 0.00	53.28 1.75 0.00	60.90 2.05 0.00	52.15 1.98 0.00	28.99 1.09 0.00	25.46 0.98 0.00	20.90 0.83 0.00	29.95 1.16 0.00	30.28 1.10 0.00	37.35 1.34 0.00	55.78 1.92 0.00	54.30 1.83 0.00	68.84 2.15 0.00	48.02 1.35 0.00	35.45 0.85 0.00	32.59 0.61 0.00
CH_MIDHUDSON___DRP 24192	38.80 1.64 0.00	36.20 1.55 0.00	28.51 1.27 0.00	27.52 1.15 0.00	29.50 1.23 0.00	32.31 1.35 0.00	33.83 1.51 0.00	37.22 1.68 0.00	43.67 2.03 0.00	53.87 2.34 0.00	61.54 2.69 0.00	52.70 2.52 0.00	29.31 1.41 0.00	25.74 1.26 0.00	21.15 1.09 0.00	30.34 1.55 0.00	30.69 1.51 0.00	37.88 1.87 0.00	56.56 2.69 0.00	55.05 2.58 0.00	69.73 3.04 0.00	48.63 1.96 0.00	35.87 1.27 0.00	32.97 0.99 0.00
CH_MISC_IPPS 23765	38.91 1.75 0.00	36.30 1.65 0.00	28.59 1.35 0.00	27.58 1.21 0.00	29.58 1.32 0.00	32.40 1.44 0.00	33.93 1.61 0.00	37.35 1.81 0.00	43.83 2.19 0.00	54.08 2.55 0.00	61.80 2.95 0.00	52.93 2.75 0.00	29.44 1.54 0.00	25.84 1.37 0.00	21.23 1.16 0.00	30.45 1.66 0.00	30.80 1.62 0.00	38.02 2.01 0.00	56.78 2.91 0.00	55.29 2.81 0.00	70.05 3.35 0.00	48.84 2.17 0.00	36.01 1.41 0.00	33.09 1.11 0.00
CH_RES_BVR_FALLS 23983	36.34 -0.81 0.00	33.88 -0.77 0.00	26.64 -0.60 0.00	25.80 -0.57 0.00	27.62 -0.64 0.00	30.27 -0.70 0.00	31.59 -0.74 0.00	34.70 -0.85 0.00	40.62 -1.02 0.00	50.36 -1.17 0.00	57.50 -1.35 0.00	48.98 -1.19 0.00	27.26 -0.64 0.00	23.98 -0.50 0.00	19.62 -0.45 0.00	28.15 -0.65 0.00	28.53 -0.65 0.00	35.27 -0.74 0.00	52.79 -1.08 0.00	51.34 -1.13 0.00	65.53 -1.16 0.00	46.25 -0.42 0.00	34.51 -0.09 0.00	31.92 -0.06 0.00
CH_RES_NIAGARA 23895	26.83 -3.97 6.35	24.94 -3.49 6.22	20.55 -2.84 3.85	18.95 -2.55 4.88	20.22 -2.75 5.29	24.86 -3.06 3.05	21.72 -3.92 6.69	23.46 -4.49 7.60	28.15 -5.23 8.26	36.30 -5.90 9.33	42.02 -6.95 9.88	34.73 -6.26 9.18	14.42 -3.40 10.07	15.77 -3.20 5.51	12.74 -2.61 4.71	18.57 -3.59 6.63	18.96 -3.63 6.58	23.80 -4.52 7.69	37.47 -6.52 9.87	42.61 -6.32 3.54	59.50 -7.20 0.00	42.06 -4.61 0.00	31.37 -3.23 0.00	29.10 -2.88 0.00
CH_RES_SYRACUSE 23985	36.40 -0.75 0.00	33.95 -0.70 0.00	26.65 -0.59 0.00	25.83 -0.54 0.00	27.70 -0.56 0.00	30.35 -0.61 0.00	31.66 -0.66 0.00	34.86 -0.68 0.00	40.87 -0.77 0.00	50.63 -0.90 0.00	57.82 -1.03 0.00	49.19 -0.98 0.00	27.33 -0.57 0.00	23.96 -0.51 0.00	19.59 -0.47 0.00	28.17 -0.62 0.00	28.58 -0.59 0.00	35.29 -0.72 0.00	52.86 -1.01 0.00	51.52 -0.95 0.00	65.59 -1.10 0.00	45.86 -0.80 0.00	34.00 -0.60 0.00	31.51 -0.47 0.00
CLINTON_WT_PWR 323605	-19.58 -0.97 55.77	-19.91 -0.95 53.61	-19.98 -0.80 46.42	-19.99 -0.76 45.60	-16.00 -0.83 43.43	-2.88 -0.88 32.96	1.12 -0.96 30.25	-14.97 -1.10 49.41	-19.65 -1.36 59.93	-19.47 -1.49 69.52	-19.19 -1.68 76.35	-18.96 -1.56 67.58	-19.70 -0.83 46.77	-8.61 -0.68 32.40	-20.13 -0.60 39.60	-19.78 -0.89 47.68	-19.90 -0.89 48.19	-19.81 -1.07 54.75	-19.36 -1.53 71.71	-8.45 -1.46 59.46	4.95 -1.72 60.03	-19.45 -1.09 65.03	-19.58 -0.73 53.46	-7.43 -0.61 38.79
CLINTON___LFGE 323618	-20.76 -0.79 57.12	-20.98 -0.72 54.91	-20.98 -0.66 47.55	-20.94 -0.60 46.70	-16.89 -0.66 44.49	-3.49 -0.69 33.77	0.51 -0.82 30.99	-15.98 -0.90 50.62	-20.85 -1.09 61.40	-20.80 -1.12 71.21	-20.66 -1.30 78.22	-20.47 -1.41 69.23	-20.77 -0.76 47.91	-9.36 -0.64 33.19	-20.96 -0.46 40.57	-20.78 -0.74 48.84	-20.91 -0.72 49.36	-20.88 -0.81 56.08	-20.70 -1.01 73.45	-9.53 -1.09 60.91	3.90 -1.31 61.49	-20.71 -0.77 66.62	-20.71 -0.55 54.76	-8.32 -0.56 39.73
COBBLENY_34_KV_TB1 80064	34.76 -2.39 0.00	32.56 -2.09 0.00	25.47 -1.77 0.00	24.80 -1.57 0.00	26.65 -1.62 0.00	29.29 -1.67 0.00	30.20 -2.13 0.00	33.37 -2.17 0.00	39.18 -2.46 0.00	48.53 -3.00 0.00	55.16 -3.69 0.00	46.20 -3.72 0.26	17.71 -2.03 8.16	22.50 -1.98 0.00	18.50 -1.57 0.00	26.67 -2.12 0.00	27.08 -2.09 0.00	33.28 -2.74 0.00	50.31 -3.56 0.00	49.12 -3.35 0.00	63.20 -3.50 0.00	44.41 -2.26 0.00	32.89 -1.72 0.00	30.48 -1.50 0.00
COFFEEN___115KV_TB3 355620	38.25 -1.16 -2.26	35.60 -1.22 -2.17	28.02 -1.10 -1.88	27.19 -1.03 -1.85	28.89 -1.13 -1.76	31.10 -1.19 -1.34	32.38 -1.18 -1.22	36.34 -1.21 -2.00	42.80 -1.27 -2.43	53.07 -1.28 -2.81	60.63 -1.32 -3.09	51.66 -1.25 -2.74	29.02 -0.78 -1.89	25.39 -0.40 -1.31	21.20 -0.48 -1.60	29.87 -0.85 -1.93	30.47 -0.66 -1.95	37.36 -0.87 -2.22	56.19 -0.59 -2.91	53.96 -0.93 -2.41	68.69 -0.45 -2.44	49.44 0.14 -2.64	36.78 0.01 -2.17	33.95 0.40 -1.57
COLDSPRG_115KV_BK1 355956	34.44 -2.71 0.00	32.22 -2.42 0.00	25.20 -2.04 0.00	24.57 -1.80 0.00	26.38 -1.88 0.00	28.92 -2.04 0.00	29.86 -2.47 0.00	33.05 -2.49 0.00	38.87 -2.77 0.00	48.60 -2.93 0.00	54.93 -3.92 0.00	46.06 -3.86 0.25	17.92 -2.13 7.85	22.41 -2.07 0.00	18.65 -1.42 0.00	26.54 -2.25 0.00	26.98 -2.20 0.00	33.31 -2.71 0.00	50.57 -3.30 0.00	49.10 -3.37 0.00	63.16 -3.53 0.00	44.55 -2.12 0.00	33.04 -1.56 0.00	30.67 -1.31 0.00
COLONIE_LFGE___ 323577	38.50 1.35 0.00	35.88 1.23 0.00	28.25 1.01 0.00	27.30 0.93 0.00	29.28 1.02 0.00	32.04 1.07 0.00	33.58 1.25 0.00	36.91 1.37 0.00	43.26 1.62 0.00	53.24 1.72 0.00	60.80 1.95 0.00	51.85 1.68 0.00	28.87 0.98 0.00	25.31 0.83 0.00	20.81 0.74 0.00	29.95 1.15 0.00	30.30 1.12 0.00	37.43 1.42 0.00	55.83 1.96 0.00	54.41 1.94 0.00	68.82 2.12 0.00	47.99 1.32 0.00	35.55 0.95 0.00	32.69 0.71 0.00
COOPERNY_115KV_TB1 80082	37.90 0.75 0.00	35.37 0.72 0.00	27.84 0.60 0.00	26.89 0.52 0.00	28.87 0.61 0.00	31.64 0.68 0.00	33.10 0.77 0.00	36.43 0.89 0.00	42.71 1.07 0.00	52.76 1.23 0.00	60.30 1.44 0.00	51.57 1.39 0.00	28.66 0.77 0.00	25.16 0.68 0.00	20.64 0.57 0.00	29.57 0.78 0.00	29.91 0.74 0.00	36.91 0.90 0.00	55.16 1.29 0.00	53.70 1.23 0.00	68.13 1.44 0.00	47.57 0.90 0.00	35.15 0.55 0.00	32.36 0.39 0.00
COPENHAGEN_WT_PWR 323753	37.42 -1.87 -2.14	34.83 -1.87 -2.06	27.42 -1.59 -1.78	26.60 -1.52 -1.75	28.28 -1.65 -1.67	30.45 -1.78 -1.26	31.69 -1.79 -1.16	35.54 -1.91 -1.90	41.83 -2.11 -2.30	51.86 -2.33 -2.67	59.22 -2.57 -2.93	50.47 -2.29 -2.59	28.34 -1.35 -1.79	24.83 -0.89 -1.24	20.72 -0.86 -1.52	29.19 -1.43 -1.83	29.73 -1.30 -1.85	36.49 -1.63 -2.10	54.89 -1.73 -2.76	52.63 -2.13 -2.28	67.08 -1.92 -2.31	48.51 -0.65 -2.50	36.07 -0.58 -2.05	33.45 -0.02 -1.49
CORNELL_____ 23752	39.66 -0.36 -2.87	37.12 -0.34 -2.81	28.63 -0.35 -1.74	28.29 -0.28 -2.21	30.36 -0.29 -2.39	32.04 -0.30 -1.38	35.01 -0.34 -3.03	38.71 -0.27 -3.44	45.12 -0.26 -3.74	55.48 -0.27 -4.21	62.98 -0.33 -4.46	54.74 -0.44 -5.00	59.36 -0.33 -31.80	26.66 -0.30 -2.48	21.89 -0.31 -2.12	31.49 -0.29 -2.99	32.12 -0.34 -3.28	39.51 -0.34 -3.83	58.51 -0.28 -4.92	54.07 -0.17 -1.77	66.76 0.06 0.00	46.66 0.00 0.00	34.50 -0.10 0.00	31.94 -0.04 0.00

CORONA_69_KV_TB1 355595	39.26 2.11 0.00	36.62 1.97 0.00	28.83 1.59 0.00	27.73 1.36 0.00	29.72 1.46 0.00	32.50 1.54 0.00	34.13 1.81 0.00	37.58 2.04 0.00	44.12 2.47 0.00	54.34 2.81 0.00	61.81 2.96 0.00	53.00 2.83 0.00	29.57 1.67 0.00	26.01 1.54 0.00	21.38 1.31 0.00	30.72 1.93 0.00	31.10 1.93 0.00	38.42 2.41 0.00	57.35 3.48 0.00	55.86 3.38 0.00	70.51 3.81 0.00	49.36 2.70 0.00	36.28 1.68 0.00	33.33 1.35 0.00
CORTLAND_115KV_TB3 80093	36.71 -0.45 0.00	34.23 -0.42 0.00	26.85 -0.39 0.00	26.05 -0.32 0.00	27.93 -0.33 0.00	30.61 -0.35 0.00	31.95 -0.38 0.00	35.21 -0.33 0.00	41.29 -0.35 0.00	51.12 -0.41 0.00	58.38 -0.47 0.00	49.95 -0.48 -0.25	35.53 -0.33 -7.97	24.19 -0.28 0.00	19.78 -0.29 0.00	28.44 -0.36 0.00	28.81 -0.36 0.00	35.62 -0.39 0.00	53.45 -0.42 0.00	52.10 -0.37 0.00	66.37 -0.33 0.00	46.48 -0.19 0.00	34.39 -0.21 0.00	31.82 -0.15 0.00
COXSACKIE___GT 23611	39.66 2.51 0.00	36.94 2.29 0.00	29.06 1.82 0.00	28.11 1.74 0.00	30.12 1.85 0.00	32.99 2.03 0.00	34.55 2.22 0.00	38.07 2.52 0.00	44.76 3.12 0.00	55.05 3.52 0.00	62.76 3.91 0.00	53.32 3.15 0.00	29.73 1.83 0.00	26.00 1.52 0.00	21.39 1.32 0.00	30.71 1.92 0.00	31.16 1.98 0.00	38.48 2.46 0.00	57.28 3.42 0.00	55.86 3.38 0.00	70.69 4.00 0.00	49.21 2.55 0.00	36.37 1.77 0.00	33.39 1.42 0.00
CPV_VALLEY___CC1 323721	38.04 0.88 0.00	35.50 0.85 0.00	27.96 0.72 0.00	26.97 0.60 0.00	28.98 0.72 0.00	31.78 0.82 0.00	33.26 0.93 0.00	36.61 1.07 0.00	42.92 1.28 0.00	52.99 1.46 0.00	60.56 1.71 0.00	51.84 1.67 0.00	28.83 0.93 0.00	25.30 0.82 0.00	20.76 0.69 0.00	29.72 0.93 0.00	30.06 0.88 0.00	37.07 1.06 0.00	55.36 1.49 0.00	53.90 1.42 0.00	68.31 1.62 0.00	47.68 1.01 0.00	35.22 0.61 0.00	32.40 0.42 0.00
CPV_VALLEY___CC2 323722	38.04 0.88 0.00	35.50 0.85 0.00	27.96 0.72 0.00	26.97 0.60 0.00	28.98 0.72 0.00	31.78 0.82 0.00	33.26 0.93 0.00	36.61 1.07 0.00	42.92 1.28 0.00	52.99 1.46 0.00	60.56 1.71 0.00	51.84 1.67 0.00	28.83 0.93 0.00	25.30 0.82 0.00	20.76 0.69 0.00	29.72 0.93 0.00	30.06 0.88 0.00	37.07 1.06 0.00	55.36 1.49 0.00	53.90 1.42 0.00	68.31 1.62 0.00	47.68 1.01 0.00	35.22 0.61 0.00	32.40 0.42 0.00
CRESCENT___HYD 24018	38.50 1.35 0.00	35.88 1.23 0.00	28.25 1.01 0.00	27.30 0.93 0.00	29.28 1.02 0.00	32.04 1.07 0.00	33.58 1.25 0.00	36.91 1.37 0.00	43.26 1.62 0.00	53.24 1.72 0.00	60.80 1.95 0.00	51.85 1.68 0.00	28.87 0.98 0.00	25.31 0.83 0.00	20.81 0.74 0.00	29.95 1.15 0.00	30.30 1.12 0.00	37.43 1.42 0.00	55.83 1.96 0.00	54.41 1.94 0.00	68.82 2.12 0.00	47.99 1.32 0.00	35.55 0.95 0.00	32.69 0.71 0.00
CRICKET___VALLEY_CC1 323756	38.59 1.44 0.00	36.01 1.36 0.00	28.37 1.13 0.00	27.38 1.01 0.00	29.34 1.08 0.00	32.12 1.16 0.00	33.65 1.32 0.00	36.98 1.43 0.00	43.35 1.71 0.00	53.42 1.89 0.00	61.06 2.20 0.00	52.23 2.06 0.00	29.08 1.18 0.00	25.54 1.06 0.00	21.01 0.94 0.00	30.16 1.37 0.00	30.50 1.32 0.00	37.63 1.62 0.00	56.17 2.30 0.00	54.63 2.16 0.00	69.19 2.49 0.00	48.20 1.53 0.00	35.59 0.98 0.00	32.71 0.74 0.00
CRICKET___VALLEY_CC2 323757	38.59 1.44 0.00	36.01 1.36 0.00	28.37 1.13 0.00	27.38 1.01 0.00	29.34 1.08 0.00	32.12 1.16 0.00	33.65 1.32 0.00	36.98 1.43 0.00	43.35 1.71 0.00	53.42 1.89 0.00	61.06 2.20 0.00	52.23 2.06 0.00	29.08 1.18 0.00	25.54 1.06 0.00	21.01 0.94 0.00	30.16 1.37 0.00	30.50 1.32 0.00	37.63 1.62 0.00	56.17 2.30 0.00	54.63 2.16 0.00	69.19 2.49 0.00	48.20 1.53 0.00	35.59 0.98 0.00	32.71 0.74 0.00
CRICKET___VALLEY_CC3 323758	38.59 1.44 0.00	36.01 1.36 0.00	28.37 1.13 0.00	27.38 1.01 0.00	29.34 1.08 0.00	32.12 1.16 0.00	33.65 1.32 0.00	36.98 1.43 0.00	43.35 1.71 0.00	53.42 1.89 0.00	61.06 2.20 0.00	52.23 2.06 0.00	29.08 1.18 0.00	25.54 1.06 0.00	21.01 0.94 0.00	30.16 1.37 0.00	30.50 1.32 0.00	37.63 1.62 0.00	56.17 2.30 0.00	54.63 2.16 0.00	69.19 2.49 0.00	48.20 1.53 0.00	35.59 0.98 0.00	32.71 0.74 0.00
CRUCIBLE_METL_DRP 24180	36.39 -0.76 0.00	33.95 -0.70 0.00	26.64 -0.60 0.00	25.83 -0.54 0.00	27.69 -0.57 0.00	30.35 -0.61 0.00	31.66 -0.67 0.00	34.86 -0.69 0.00	40.87 -0.77 0.00	50.60 -0.93 0.00	57.80 -1.05 0.00	49.18 -0.99 0.00	27.33 -0.57 0.00	23.96 -0.52 0.00	19.59 -0.48 0.00	28.17 -0.62 0.00	28.58 -0.60 0.00	35.28 -0.73 0.00	52.85 -1.02 0.00	51.52 -0.95 0.00	65.60 -1.10 0.00	45.86 -0.81 0.00	34.00 -0.60 0.00	31.51 -0.47 0.00
DAHOWA___HYDRO 323763	39.18 2.03 0.00	36.47 1.82 0.00	28.69 1.45 0.00	27.74 1.37 0.00	29.77 1.51 0.00	32.59 1.63 0.00	34.19 1.86 0.00	37.60 2.06 0.00	44.09 2.45 0.00	54.25 2.72 0.00	61.83 2.98 0.00	52.72 2.54 0.00	29.41 1.52 0.00	25.84 1.36 0.00	21.25 1.18 0.00	30.69 1.90 0.00	31.02 1.85 0.00	38.44 2.42 0.00	57.44 3.57 0.00	55.99 3.52 0.00	70.63 3.93 0.00	49.19 2.52 0.00	36.39 1.79 0.00	33.45 1.48 0.00
DANC___LFGE 323619	36.96 -1.67 -1.48	34.44 -1.63 -1.42	27.10 -1.38 -1.23	26.28 -1.30 -1.21	27.98 -1.43 -1.15	30.30 -1.54 -0.87	31.55 -1.58 -0.80	35.18 -1.67 -1.31	41.35 -1.88 -1.59	51.25 -2.12 -1.84	58.56 -2.32 -2.03	49.91 -2.06 -1.79	27.93 -1.20 -1.24	24.46 -0.88 -0.86	20.30 -0.82 -1.05	28.78 -1.28 -1.27	29.26 -1.19 -1.28	35.96 -1.50 -1.45	53.97 -1.80 -1.90	52.00 -2.05 -1.58	66.21 -2.08 -1.59	47.35 -1.04 -1.72	35.21 -0.81 -1.42	32.61 -0.40 -1.03
DANSKAMMER___1 23586	38.91 1.75 0.00	36.30 1.65 0.00	28.59 1.35 0.00	27.58 1.21 0.00	29.58 1.32 0.00	32.40 1.44 0.00	33.93 1.61 0.00	37.35 1.81 0.00	43.83 2.19 0.00	54.08 2.55 0.00	61.80 2.95 0.00	52.93 2.75 0.00	29.44 1.54 0.00	25.84 1.37 0.00	21.23 1.16 0.00	30.45 1.66 0.00	30.80 1.62 0.00	38.02 2.01 0.00	56.78 2.91 0.00	55.29 2.81 0.00	70.05 3.35 0.00	48.84 2.17 0.00	36.01 1.41 0.00	33.09 1.11 0.00
DANSKAMMER___2 23589	38.91 1.75 0.00	36.30 1.65 0.00	28.59 1.35 0.00	27.58 1.21 0.00	29.58 1.32 0.00	32.40 1.44 0.00	33.93 1.61 0.00	37.35 1.81 0.00	43.83 2.19 0.00	54.08 2.55 0.00	61.80 2.95 0.00	52.93 2.75 0.00	29.44 1.54 0.00	25.84 1.37 0.00	21.23 1.16 0.00	30.45 1.66 0.00	30.80 1.62 0.00	38.02 2.01 0.00	56.78 2.91 0.00	55.29 2.81 0.00	70.05 3.35 0.00	48.84 2.17 0.00	36.01 1.41 0.00	33.09 1.11 0.00
DANSKAMMER___3 23590	38.91 1.75 0.00	36.30 1.65 0.00	28.59 1.35 0.00	27.58 1.21 0.00	29.58 1.32 0.00	32.40 1.44 0.00	33.93 1.61 0.00	37.35 1.81 0.00	43.83 2.19 0.00	54.08 2.55 0.00	61.80 2.95 0.00	52.93 2.75 0.00	29.44 1.54 0.00	25.84 1.37 0.00	21.23 1.16 0.00	30.45 1.66 0.00	30.80 1.62 0.00	38.02 2.01 0.00	56.78 2.91 0.00	55.29 2.81 0.00	70.05 3.35 0.00	48.84 2.17 0.00	36.01 1.41 0.00	33.09 1.11 0.00

DANSKAMMER___4 23591	38.91 1.75 0.00	36.30 1.65 0.00	28.59 1.35 0.00	27.58 1.21 0.00	29.58 1.32 0.00	32.40 1.44 0.00	33.93 1.61 0.00	37.35 1.81 0.00	43.83 2.19 0.00	54.08 2.55 0.00	61.80 2.95 0.00	52.93 2.75 0.00	29.44 1.54 0.00	25.84 1.37 0.00	21.23 1.16 0.00	30.45 1.66 0.00	30.80 1.62 0.00	38.02 2.01 0.00	56.78 2.91 0.00	55.29 2.81 0.00	70.05 3.35 0.00	48.84 2.17 0.00	36.01 1.41 0.00	33.09 1.11 0.00
DANSKAMMER___DIESEL 23592	38.91 1.76 0.00	36.31 1.66 0.00	28.59 1.35 0.00	27.58 1.21 0.00	29.58 1.32 0.00	32.41 1.44 0.00	33.94 1.61 0.00	37.35 1.81 0.00	43.83 2.19 0.00	54.10 2.57 0.00	61.82 2.97 0.00	52.94 2.77 0.00	29.44 1.54 0.00	25.85 1.38 0.00	21.24 1.17 0.00	30.45 1.66 0.00	30.81 1.63 0.00	38.02 2.01 0.00	56.80 2.93 0.00	55.29 2.82 0.00	70.06 3.36 0.00	48.84 2.17 0.00	36.01 1.41 0.00	33.09 1.11 0.00
DARBY___SOLAR 323810	39.04 1.89 0.00	36.35 1.70 0.00	28.59 1.35 0.00	27.65 1.28 0.00	29.66 1.40 0.00	32.47 1.51 0.00	34.05 1.72 0.00	37.45 1.90 0.00	43.89 2.25 0.00	54.02 2.50 0.00	61.60 2.74 0.00	52.51 2.34 0.00	29.29 1.39 0.00	25.74 1.26 0.00	21.16 1.09 0.00	30.53 1.74 0.00	30.86 1.68 0.00	38.23 2.21 0.00	57.11 3.24 0.00	55.67 3.20 0.00	70.27 3.57 0.00	48.97 2.30 0.00	36.23 1.63 0.00	33.31 1.34 0.00
DASHVILLE___HYD 23610	38.68 1.53 0.00	36.09 1.44 0.00	28.42 1.18 0.00	27.44 1.07 0.00	29.41 1.15 0.00	32.21 1.26 0.00	33.73 1.41 0.00	37.12 1.58 0.00	43.57 1.93 0.00	53.77 2.24 0.00	61.47 2.62 0.00	52.63 2.45 0.00	29.26 1.37 0.00	25.71 1.23 0.00	21.11 1.04 0.00	30.28 1.49 0.00	30.63 1.46 0.00	37.81 1.79 0.00	56.44 2.58 0.00	54.97 2.50 0.00	69.66 2.97 0.00	48.58 1.91 0.00	35.82 1.22 0.00	32.94 0.96 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	38.56 1.40 0.00	35.52 0.87 0.00	27.99 0.75 0.00	26.91 0.54 0.00	28.83 0.57 0.00	31.50 0.54 0.00	33.49 1.16 0.00	37.29 1.74 0.00	43.77 2.13 0.00	53.04 1.52 0.00	58.55 -0.10 0.21	26.95 -0.24 22.99	27.83 0.08 0.15	24.65 0.17 0.00	20.25 0.18 0.00	29.07 0.28 0.00	29.75 0.57 0.00	37.37 1.36 0.00	56.92 3.05 0.00	55.83 3.35 0.00	70.42 3.72 0.00	49.73 3.06 0.00	36.38 1.78 0.00	33.40 1.42 0.00
DELAWARE___LFGE 323621	37.69 0.54 0.00	35.18 0.52 0.00	27.64 0.40 0.00	26.79 0.42 0.00	28.66 0.40 0.00	31.42 0.45 0.00	32.83 0.50 0.00	36.15 0.60 0.00	42.41 0.77 0.00	52.42 0.89 0.00	59.89 1.04 0.00	51.12 0.95 0.00	28.40 0.51 0.00	24.93 0.45 0.00	20.43 0.36 0.00	29.32 0.52 0.00	29.70 0.53 0.00	36.69 0.67 0.00	54.91 1.04 0.00	53.48 1.01 0.00	68.04 1.34 0.00	47.57 0.90 0.00	35.19 0.59 0.00	32.48 0.50 0.00
DERFIELD_115KV_TB7 355931	37.29 0.14 0.00	34.77 0.12 0.00	27.35 0.11 0.00	26.47 0.10 0.00	28.35 0.09 0.00	31.05 0.09 0.00	32.46 0.13 0.00	35.72 0.17 0.00	41.85 0.21 0.00	51.71 0.18 0.00	59.07 0.21 0.00	50.41 0.24 0.00	28.03 0.13 0.00	24.60 0.12 0.00	20.17 0.10 0.00	28.94 0.14 0.00	29.32 0.15 0.00	36.17 0.16 0.00	54.09 0.22 0.00	52.68 0.21 0.00	66.92 0.22 0.00	46.82 0.15 0.00	34.70 0.10 0.00	32.03 0.06 0.00
DOGLEVILLE___HYD 23807	37.60 0.45 0.00	35.03 0.38 0.00	27.53 0.29 0.00	26.62 0.25 0.00	28.47 0.21 0.00	31.15 0.19 0.00	32.66 0.34 0.00	36.00 0.45 0.00	42.22 0.57 0.00	51.92 0.38 0.00	59.12 0.27 0.00	50.65 0.48 0.00	28.16 0.27 0.00	24.65 0.18 0.00	20.26 0.19 0.00	29.12 0.33 0.00	29.52 0.34 0.00	36.45 0.44 0.00	54.25 0.38 0.00	53.00 0.52 0.00	66.91 0.21 0.00	46.68 0.01 0.00	34.44 -0.16 0.00	31.53 -0.45 0.00
DUNKIRK___115KV_TB_200 55889	29.90 -3.63 3.63	27.84 -3.27 3.55	22.32 -2.73 2.20	21.15 -2.44 2.78	22.69 -2.55 3.02	26.43 -2.80 1.74	25.22 -3.28 3.82	27.94 -3.27 4.34	33.22 -3.71 4.72	42.37 -3.81 5.35	47.99 -5.19 5.68	39.91 -4.87 5.39	15.88 -2.69 9.33	18.69 -2.62 3.16	15.53 -1.83 2.71	22.14 -2.84 3.81	22.54 -2.83 3.80	28.12 -3.46 4.44	43.67 -4.51 5.70	45.85 -4.58 2.04	61.50 -5.20 0.00	43.50 -3.17 0.00	32.30 -2.31 0.00	29.95 -2.03 0.00
DUNKIRK___1 23563	29.90 -3.63 3.63	27.84 -3.27 3.55	22.32 -2.73 2.20	21.15 -2.44 2.78	22.69 -2.55 3.02	26.43 -2.80 1.74	25.22 -3.28 3.82	27.94 -3.27 4.34	33.22 -3.71 4.72	42.37 -3.81 5.35	47.99 -5.19 5.68	39.91 -4.87 5.39	15.88 -2.69 9.33	18.69 -2.62 3.16	15.53 -1.83 2.71	22.14 -2.84 3.81	22.54 -2.83 3.80	28.12 -3.46 4.44	43.67 -4.51 5.70	45.85 -4.58 2.04	61.50 -5.20 0.00	43.50 -3.17 0.00	32.30 -2.31 0.00	29.95 -2.03 0.00
DUNKIRK___2 23564	29.90 -3.63 3.63	27.84 -3.27 3.55	22.32 -2.73 2.20	21.15 -2.44 2.78	22.69 -2.55 3.02	26.43 -2.80 1.74	25.22 -3.28 3.82	27.94 -3.27 4.34	33.22 -3.71 4.72	42.37 -3.81 5.35	47.99 -5.19 5.68	39.91 -4.87 5.39	15.88 -2.69 9.33	18.69 -2.62 3.16	15.53 -1.83 2.71	22.14 -2.84 3.81	22.54 -2.83 3.80	28.12 -3.46 4.44	43.67 -4.51 5.70	45.85 -4.58 2.04	61.50 -5.20 0.00	43.50 -3.17 0.00	32.30 -2.31 0.00	29.95 -2.03 0.00
DUNKIRK___3 23565	29.73 -3.47 3.96	27.66 -3.12 3.87	22.23 -2.61 2.40	21.00 -2.33 3.04	22.53 -2.43 3.30	26.40 -2.66 1.90	24.97 -3.18 4.17	27.58 -3.23 4.73	32.82 -3.68 5.15	41.79 -3.90 5.85	47.52 -5.12 6.20	39.52 -4.79 5.86	15.79 -2.63 9.47	18.44 -2.57 3.46	15.24 -1.87 2.96	21.84 -2.79 4.16	22.25 -2.79 4.14	27.73 -3.45 4.84	43.09 -4.57 6.21	45.67 -4.58 2.23	61.54 -5.16 0.00	43.50 -3.17 0.00	32.31 -2.29 0.00	29.94 -2.03 0.00
DUNKIRK___4 23566	29.73 -3.47 3.96	27.66 -3.12 3.87	22.23 -2.61 2.40	21.00 -2.33 3.04	22.53 -2.43 3.30	26.40 -2.66 1.90	24.97 -3.18 4.17	27.58 -3.23 4.73	32.82 -3.68 5.15	41.79 -3.90 5.85	47.52 -5.12 6.20	39.52 -4.79 5.86	15.79 -2.63 9.47	18.44 -2.57 3.46	15.24 -1.87 2.96	21.84 -2.79 4.16	22.25 -2.79 4.14	27.73 -3.45 4.84	43.09 -4.57 6.21	45.67 -4.58 2.23	61.54 -5.16 0.00	43.50 -3.17 0.00	32.31 -2.29 0.00	29.94 -2.03 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.92 1.77 0.00	36.34 1.69 0.00	28.65 1.41 0.00	27.61 1.24 0.00	29.59 1.33 0.00	32.41 1.44 0.00	33.92 1.59 0.00	37.31 1.77 0.00	43.79 2.15 0.00	54.01 2.49 0.00	61.69 2.84 0.00	52.89 2.72 0.00	29.41 1.51 0.00	25.85 1.37 0.00	21.25 1.18 0.00	30.48 1.69 0.00	30.80 1.62 0.00	37.99 1.98 0.00	56.72 2.85 0.00	55.19 2.72 0.00	69.90 3.21 0.00	48.77 2.11 0.00	35.96 1.36 0.00	33.03 1.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.57 1.41 0.00	36.00 1.35 0.00	28.34 1.10 0.00	27.34 0.97 0.00	29.33 1.07 0.00	32.15 1.19 0.00	33.66 1.34 0.00	37.05 1.51 0.00	43.48 1.84 0.00	53.66 2.13 0.00	61.33 2.48 0.00	52.53 2.35 0.00	29.20 1.30 0.00	25.64 1.16 0.00	21.05 0.99 0.00	30.17 1.38 0.00	30.52 1.34 0.00	37.66 1.65 0.00	56.24 2.37 0.00	54.77 2.30 0.00	69.40 2.71 0.00	48.39 1.73 0.00	35.70 1.10 0.00	32.81 0.84 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	38.99 1.83 -0.01	36.40 1.74 -0.01	28.70 1.46 -0.01	27.66 1.29 -0.01	29.64 1.37 -0.01	32.48 1.51 -0.01	34.06 1.73 0.00	37.48 1.94 -0.01	43.96 2.31 -0.01	54.15 2.62 0.00	61.78 2.93 0.00	53.01 2.83 0.00	29.47 1.57 0.00	25.89 1.42 0.01	21.29 1.23 0.01	30.54 1.76 0.00	30.84 1.67 0.00	38.03 2.02 0.00	56.76 2.89 0.00	55.23 2.76 0.00	70.04 3.34 0.00	48.82 2.15 0.00	36.00 1.40 0.00	33.15 1.17 -0.01
E179THST_13_KV_LOAD 356214	39.13 1.97 -0.01	36.53 1.87 -0.01	28.80 1.55 -0.01	27.74 1.36 -0.01	29.73 1.46 -0.01	32.57 1.61 -0.01	34.16 1.83 0.00	37.61 2.07 -0.01	44.11 2.46 -0.01	54.34 2.81 0.00	62.02 3.16 0.00	53.21 3.03 0.00	29.58 1.68 0.00	25.99 1.52 0.01	21.37 1.31 0.01	30.66 1.87 0.00	30.97 1.79 0.00	38.20 2.18 0.00	57.00 3.13 0.00	55.47 2.99 0.00	70.32 3.63 0.00	49.02 2.35 0.00	36.14 1.54 0.00	33.28 1.30 -0.01
EAST HAMPTON___GT 23717	37.78 0.63 0.00	34.81 0.16 0.00	27.42 0.18 0.00	26.36 -0.01 0.00	28.24 -0.02 0.00	30.84 -0.12 0.00	32.81 0.48 0.00	36.56 1.02 0.00	42.95 1.31 0.00	52.01 0.48 0.00	57.37 -1.28 0.21	25.72 -1.30 23.15	27.26 -0.49 0.15	24.14 -0.34 0.00	19.83 -0.23 0.00	28.47 -0.33 0.00	29.14 -0.04 0.00	36.89 0.87 0.00	57.18 3.31 0.00	56.31 3.83 0.00	71.17 4.48 0.00	50.23 3.57 0.00	36.73 2.13 0.00	33.70 1.72 0.00
EAST RIVER___6 23660	39.09 1.94 0.00	36.53 1.88 0.00	28.81 1.57 0.00	27.76 1.39 0.00	29.75 1.49 0.00	32.58 1.62 0.00	34.14 1.81 0.00	37.56 2.02 0.00	44.08 2.44 0.00	54.36 2.83 0.00	62.05 3.20 0.00	53.22 3.05 0.00	29.60 1.70 0.00	26.01 1.54 0.00	21.39 1.32 0.00	30.68 1.89 0.00	30.98 1.80 0.00	38.20 2.19 0.00	57.05 3.18 0.00	55.47 2.99 0.00	70.28 3.58 0.00	49.01 2.34 0.00	36.14 1.54 0.00	33.22 1.24 0.00
EAST RIVER___7 23524	39.09 1.94 0.00	36.53 1.88 0.00	28.81 1.57 0.00	27.76 1.39 0.00	29.75 1.49 0.00	32.58 1.62 0.00	34.14 1.81 0.00	37.56 2.02 0.00	44.08 2.44 0.00	54.36 2.83 0.00	62.05 3.20 0.00	53.22 3.05 0.00	29.60 1.70 0.00	26.01 1.54 0.00	21.39 1.32 0.00	30.68 1.89 0.00	30.98 1.80 0.00	38.20 2.19 0.00	57.05 3.18 0.00	55.47 2.99 0.00	70.28 3.58 0.00	49.01 2.34 0.00	36.14 1.54 0.00	33.22 1.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.82 1.67 0.00	36.25 1.60 0.00	28.56 1.33 0.00	27.54 1.17 0.00	29.52 1.26 0.00	32.34 1.37 0.00	33.86 1.53 0.00	37.26 1.72 0.00	43.72 2.07 0.00	53.91 2.38 0.00	61.57 2.72 0.00	52.77 2.60 0.00	29.35 1.45 0.00	25.79 1.31 0.00	21.20 1.13 0.00	30.40 1.61 0.00	30.72 1.55 0.00	37.90 1.89 0.00	56.61 2.74 0.00	55.08 2.61 0.00	69.76 3.06 0.00	48.66 1.99 0.00	35.88 1.28 0.00	32.97 0.99 0.00
EAST_HAMPTON___DIESEL 23722	37.67 0.52 0.00	34.69 0.03 0.00	27.33 0.09 0.00	26.27 -0.10 0.00	28.14 -0.12 0.00	30.74 -0.22 0.00	32.71 0.38 0.00	36.45 0.90 0.00	42.82 1.17 0.00	51.84 0.31 0.00	57.16 -1.48 0.21	25.57 -1.46 23.14	27.16 -0.59 0.15	24.06 -0.42 0.00	19.77 -0.30 0.00	28.37 -0.42 0.00	29.03 -0.14 0.00	36.79 0.77 0.00	57.14 3.27 0.00	56.30 3.82 0.00	71.19 4.49 0.00	50.25 3.58 0.00	36.74 2.14 0.00	33.70 1.73 0.00
EAST_POINT___SOLAR 323840	38.72 1.56 0.00	36.09 1.44 0.00	28.33 1.10 0.00	27.40 1.03 0.00	29.34 1.08 0.00	32.18 1.22 0.00	33.61 1.29 0.00	36.96 1.41 0.00	43.30 1.65 0.00	53.19 1.66 0.00	60.72 1.87 0.00	52.13 1.95 0.00	29.01 1.11 0.00	25.57 1.10 0.00	20.87 0.80 0.00	30.15 1.36 0.00	30.54 1.36 0.00	37.98 1.97 0.00	57.27 3.40 0.00	55.89 3.41 0.00	71.23 4.53 0.00	49.89 3.23 0.00	36.94 2.34 0.00	34.12 2.14 0.00
EAST_PULASKI___ESR 323781	35.77 -1.38 0.00	33.34 -1.31 0.00	26.15 -1.09 0.00	25.34 -1.03 0.00	27.14 -1.12 0.00	29.75 -1.21 0.00	31.05 -1.28 0.00	34.19 -1.35 0.00	40.11 -1.53 0.00	49.76 -1.78 0.00	56.91 -1.94 0.00	48.47 -1.70 0.00	26.92 -0.98 0.00	23.67 -0.80 0.00	19.35 -0.71 0.00	27.74 -1.05 0.00	28.17 -1.00 0.00	34.74 -1.27 0.00	52.15 -1.71 0.00	50.65 -1.82 0.00	64.66 -2.03 0.00	45.40 -1.27 0.00	33.66 -0.93 0.00	31.31 -0.66 0.00
EAST_RIVER___1 323558	39.03 1.88 0.00	36.47 1.82 0.00	28.76 1.52 0.00	27.71 1.34 0.00	29.71 1.45 0.00	32.54 1.58 0.00	34.09 1.76 0.00	37.51 1.97 0.00	44.02 2.38 0.00	54.28 2.75 0.00	61.97 3.12 0.00	53.14 2.97 0.00	29.55 1.65 0.00	25.96 1.49 0.00	21.35 1.29 0.00	30.63 1.83 0.00	30.92 1.74 0.00	38.14 2.13 0.00	56.96 3.09 0.00	55.38 2.91 0.00	70.16 3.46 0.00	48.93 2.26 0.00	36.09 1.49 0.00	33.17 1.19 0.00
EAST_RIVER___2 323559	39.09 1.94 0.00	36.53 1.88 0.00	28.81 1.57 0.00	27.76 1.39 0.00	29.75 1.49 0.00	32.58 1.62 0.00	34.14 1.81 0.00	37.56 2.02 0.00	44.08 2.44 0.00	54.36 2.83 0.00	62.05 3.20 0.00	53.22 3.05 0.00	29.60 1.70 0.00	26.01 1.54 0.00	21.39 1.32 0.00	30.68 1.89 0.00	30.98 1.80 0.00	38.20 2.19 0.00	57.05 3.18 0.00	55.47 2.99 0.00	70.28 3.58 0.00	49.01 2.34 0.00	36.14 1.54 0.00	33.22 1.24 0.00
EAST___DELAWARE_HYD 23607	38.53 1.37 0.00	35.94 1.28 0.00	28.28 1.04 0.00	27.30 0.93 0.00	29.30 1.04 0.00	32.11 1.15 0.00	33.62 1.29 0.00	37.01 1.47 0.00	43.46 1.82 0.00	53.70 2.17 0.00	61.40 2.55 0.00	52.59 2.42 0.00	29.21 1.32 0.00	25.62 1.14 0.00	21.03 0.96 0.00	30.18 1.39 0.00	30.44 1.27 0.00	37.61 1.60 0.00	56.19 2.32 0.00	54.78 2.31 0.00	69.48 2.78 0.00	48.43 1.77 0.00	35.70 1.10 0.00	32.81 0.83 0.00
EIGHT_POINT___WT_PWR 323820	59.93 -4.69 -27.47	57.47 -4.06 -26.87	40.42 -3.46 -16.64	44.29 -3.17 -21.09	47.99 -3.16 -22.89	40.34 -3.80 -13.17	57.26 -4.01 -28.95	64.14 -4.27 -32.87	72.32 -5.05 -35.73	85.61 -6.20 -40.28	94.24 -7.20 -42.58	82.00 -6.43 -38.25	27.91 -3.67 -3.69	45.12 -3.06 -23.70	37.74 -2.62 -20.29	54.18 -3.16 -28.54	53.42 -3.32 -27.56	64.00 -4.19 -32.18	89.94 -5.25 -41.31	63.52 -3.78 -14.83	63.37 -3.33 0.00	44.47 -2.19 0.00	31.87 -2.73 0.00	30.19 -1.79 0.00
ELBRIDGE_115KV_TB2 80188	36.22 -0.94 0.00	33.79 -0.86 0.00	26.51 -0.73 0.00	25.71 -0.66 0.00	27.57 -0.69 0.00	30.22 -0.74 0.00	31.50 -0.83 0.00	34.68 -0.86 0.00	40.66 -0.98 0.00	50.36 -1.17 0.00	57.51 -1.34 0.00	48.86 -1.32 0.00	27.15 -0.74 0.00	23.82 -0.66 0.00	19.47 -0.60 0.00	28.02 -0.77 0.00	28.42 -0.75 0.00	35.13 -0.88 0.00	52.64 -1.23 0.00	51.32 -1.15 0.00	65.37 -1.33 0.00	45.68 -0.98 0.00	33.87 -0.72 0.00	31.41 -0.57 0.00
ELEC_TRO_TEK 24086	39.06 1.91 0.00	36.41 1.76 0.00	28.68 1.44 0.00	27.60 1.23 0.00	29.58 1.32 0.00	32.34 1.38 0.00	33.98 1.65 0.00	37.40 1.86 0.00	43.91 2.27 0.00	54.09 2.56 0.00	61.51 2.66 0.00	52.75 2.58 0.00	29.41 1.52 0.00	25.87 1.40 0.00	21.27 1.20 0.00	30.55 1.76 0.00	30.93 1.76 0.00	38.23 2.22 0.00	57.09 3.22 0.00	55.59 3.12 0.00	70.15 3.45 0.00	49.11 2.44 0.00	36.11 1.51 0.00	33.17 1.19 0.00

ELLENBURG_WT_PWR 323604	-19.58 -0.97 55.77	-19.91 -0.95 53.61	-19.98 -0.80 46.42	-19.99 -0.76 45.60	-16.00 -0.83 43.43	-2.88 -0.88 32.96	1.12 -0.96 30.25	-14.97 -1.10 49.41	-19.65 -1.36 59.93	-19.47 -1.49 69.52	-19.19 -1.68 76.35	-18.96 -1.56 67.58	-19.70 -0.83 46.77	-8.61 -0.68 32.40	-20.13 -0.60 39.60	-19.78 -0.89 47.68	-19.90 -0.89 48.19	-19.81 -1.07 54.75	-19.36 -1.53 71.71	-8.45 -1.46 59.46	4.95 -1.72 60.03	-19.45 -1.09 65.03	-19.58 -0.73 53.46	-7.43 -0.61 38.79
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.36 -3.30 5.49	26.35 -2.93 5.37	21.50 -2.41 3.32	20.00 -2.16 4.21	21.38 -2.31 4.57	25.80 -2.53 2.63	23.26 -3.28 5.79	25.30 -3.68 6.57	30.23 -4.27 7.14	38.73 -4.73 8.07	44.64 -5.66 8.55	37.03 -5.17 7.98	15.25 -2.81 9.84	17.02 -2.69 4.76	13.85 -2.14 4.08	20.10 -2.96 5.74	20.49 -2.98 5.70	25.61 -3.75 6.66	40.06 -5.26 8.55	44.32 -5.08 3.07	61.10 -5.59 0.00	43.15 -3.52 0.00	32.10 -2.50 0.00	29.75 -2.23 0.00
EMPIRE_CC_1 323656	38.11 0.96 0.00	35.63 0.97 0.00	28.10 0.86 0.00	27.14 0.77 0.00	29.10 0.84 0.00	31.78 0.82 0.00	33.27 0.94 0.00	36.56 1.01 0.00	42.80 1.16 0.00	52.61 1.08 0.00	60.07 1.22 0.00	51.27 1.09 0.00	28.62 0.72 0.00	25.08 0.60 0.00	20.62 0.56 0.00	29.65 0.86 0.00	29.97 0.79 0.00	36.90 0.89 0.00	54.97 1.10 0.00	53.53 1.06 0.00	67.74 1.04 0.00	47.29 0.62 0.00	35.17 0.56 0.00	32.33 0.35 0.00
EMPIRE_CC_2 323658	38.11 0.96 0.00	35.63 0.97 0.00	28.10 0.86 0.00	27.14 0.77 0.00	29.10 0.84 0.00	31.78 0.82 0.00	33.27 0.94 0.00	36.56 1.01 0.00	42.80 1.16 0.00	52.61 1.08 0.00	60.07 1.22 0.00	51.27 1.09 0.00	28.62 0.72 0.00	25.08 0.60 0.00	20.62 0.56 0.00	29.65 0.86 0.00	29.97 0.79 0.00	36.90 0.89 0.00	54.97 1.10 0.00	53.53 1.06 0.00	67.74 1.04 0.00	47.29 0.62 0.00	35.17 0.56 0.00	32.33 0.35 0.00
ENORWICH_115KV_TB1 80156	38.61 -0.03 -1.48	36.06 -0.05 -1.45	27.91 -0.23 -0.90	27.48 -0.02 -1.14	29.31 -0.18 -1.23	31.50 -0.17 -0.71	33.71 -0.18 -1.56	37.31 0.00 -1.77	43.69 0.12 -1.93	53.89 0.19 -2.18	61.25 0.09 -2.30	52.54 -0.03 -2.40	38.47 -0.14 -10.71	25.62 -0.14 -1.28	20.91 -0.25 -1.10	30.21 -0.12 -1.55	30.90 0.01 -1.71	38.05 0.04 -2.00	57.17 0.73 -2.57	54.34 0.94 -0.92	68.98 2.28 0.00	48.23 1.56 0.00	35.63 1.03 0.00	33.11 1.13 0.00
ERIE_ST__34_KV_TB1-2 80199	29.83 -2.71 4.62	27.73 -2.40 4.52	22.43 -2.01 2.80	21.05 -1.77 3.55	22.53 -1.89 3.85	26.71 -2.04 2.22	24.73 -2.73 4.87	26.97 -3.04 5.53	32.10 -3.53 6.01	40.87 -3.88 6.79	47.04 -4.63 7.19	39.11 -4.31 6.75	15.95 -2.30 9.65	18.16 -2.31 4.01	14.83 -1.81 3.43	21.52 -2.45 4.82	21.93 -2.45 4.80	27.21 -3.20 5.60	42.28 -4.39 7.19	45.74 -4.15 2.58	62.36 -4.34 0.00	43.97 -2.69 0.00	32.65 -1.95 0.00	30.23 -1.74 0.00
ERIE_WT_PWR 323693	29.14 -3.06 4.95	27.10 -2.71 4.84	21.97 -2.27 3.00	20.57 -2.00 3.80	21.99 -2.15 4.12	26.26 -2.33 2.38	24.06 -3.05 5.22	26.24 -3.38 5.92	31.26 -3.94 6.44	39.94 -4.32 7.28	45.93 -5.22 7.71	38.23 -4.73 7.22	15.54 -2.64 9.71	17.68 -2.50 4.30	14.42 -1.97 3.68	20.90 -2.72 5.18	21.29 -2.74 5.14	26.52 -3.49 6.01	41.30 -4.86 7.71	45.00 -4.71 2.77	61.57 -5.13 0.00	43.47 -3.20 0.00	32.32 -2.28 0.00	29.93 -2.05 0.00
ESPRGFLD_115KV_TB1 80157	37.70 0.54 0.00	35.20 0.55 0.00	27.61 0.38 0.00	26.74 0.37 0.00	28.61 0.34 0.00	31.36 0.40 0.00	32.70 0.37 0.00	35.99 0.45 0.00	42.26 0.62 0.00	52.36 0.83 0.00	59.89 1.04 0.00	51.13 0.96 0.00	28.40 0.50 0.00	25.01 0.54 0.00	20.41 0.35 0.00	29.33 0.53 0.00	29.81 0.63 0.00	36.87 0.86 0.00	55.51 1.65 0.00	54.11 1.63 0.00	69.10 2.40 0.00	48.58 1.91 0.00	36.00 1.40 0.00	33.38 1.40 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.16 -0.39 -2.39	36.62 -0.37 -2.34	28.32 -0.37 -1.45	27.92 -0.29 -1.84	29.95 -0.30 -1.99	31.79 -0.32 -1.15	34.49 -0.35 -2.52	38.12 -0.28 -2.86	44.46 -0.29 -3.11	54.73 -0.31 -3.51	62.19 -0.37 -3.71	53.84 -0.47 -4.14	53.07 -0.34 -25.51	26.23 -0.31 -2.07	21.52 -0.32 -1.77	30.96 -0.32 -2.49	31.56 -0.36 -2.75	38.86 -0.37 -3.21	57.67 -0.33 -4.12	53.73 -0.22 -1.48	66.66 -0.04 0.00	46.60 -0.07 0.00	34.46 -0.14 0.00	31.91 -0.07 0.00
ETNA____115KV_TB2 80207	39.16 -0.39 -2.39	36.62 -0.37 -2.34	28.32 -0.37 -1.45	27.92 -0.29 -1.84	29.95 -0.30 -1.99	31.79 -0.32 -1.15	34.49 -0.35 -2.52	38.12 -0.28 -2.86	44.46 -0.29 -3.11	54.73 -0.31 -3.51	62.19 -0.37 -3.71	53.84 -0.47 -4.14	53.07 -0.34 -25.51	26.23 -0.31 -2.07	21.52 -0.32 -1.77	30.96 -0.32 -2.49	31.56 -0.36 -2.75	38.86 -0.37 -3.21	57.67 -0.33 -4.12	53.73 -0.22 -1.48	66.66 -0.04 0.00	46.60 -0.07 0.00	34.46 -0.14 0.00	31.91 -0.07 0.00
EUCLID____115KV_TB2 356179	36.01 -1.14 0.00	33.59 -1.06 0.00	26.37 -0.86 0.00	25.57 -0.80 0.00	27.42 -0.84 0.00	30.04 -0.92 0.00	31.31 -1.02 0.00	34.46 -1.09 0.00	40.40 -1.24 0.00	50.05 -1.48 0.00	57.17 -1.68 0.00	48.67 -1.51 0.00	27.04 -0.86 0.00	23.70 -0.78 0.00	19.40 -0.67 0.00	27.87 -0.92 0.00	28.26 -0.91 0.00	34.86 -1.16 0.00	52.21 -1.66 0.00	50.86 -1.61 0.00	64.79 -1.91 0.00	45.34 -1.33 0.00	33.62 -0.98 0.00	31.18 -0.80 0.00
E_CANADA_CAP_HY 24051	38.06 0.91 0.00	35.52 0.87 0.00	27.88 0.64 0.00	26.95 0.58 0.00	28.85 0.58 0.00	31.61 0.64 0.00	32.97 0.64 0.00	36.23 0.69 0.00	42.52 0.88 0.00	52.57 1.04 0.00	60.08 1.23 0.00	51.41 1.24 0.00	28.58 0.68 0.00	25.17 0.69 0.00	20.55 0.48 0.00	29.55 0.76 0.00	30.05 0.87 0.00	37.22 1.21 0.00	56.11 2.24 0.00	54.71 2.24 0.00	69.85 3.15 0.00	49.13 2.46 0.00	36.47 1.87 0.00	33.80 1.83 0.00
E_CANADA_MHWK_HY 24050	37.60 0.45 0.00	35.03 0.38 0.00	27.53 0.29 0.00	26.62 0.25 0.00	28.47 0.21 0.00	31.15 0.19 0.00	32.66 0.34 0.00	36.00 0.45 0.00	42.22 0.57 0.00	51.92 0.38 0.00	59.12 0.27 0.00	50.65 0.48 0.00	28.16 0.27 0.00	24.65 0.18 0.00	20.26 0.19 0.00	29.12 0.33 0.00	29.52 0.34 0.00	36.45 0.44 0.00	54.25 0.38 0.00	53.00 0.52 0.00	66.91 0.21 0.00	46.68 0.01 0.00	34.44 -0.16 0.00	31.53 -0.45 0.00
E_FISHKILL____LBMP 23776	38.63 1.48 0.00	36.06 1.40 0.00	28.41 1.17 0.00	27.41 1.04 0.00	29.38 1.12 0.00	32.17 1.22 0.00	33.69 1.36 0.00	37.06 1.51 0.00	43.47 1.83 0.00	53.61 2.08 0.00	61.25 2.39 0.00	52.44 2.27 0.00	29.16 1.27 0.00	25.62 1.14 0.00	21.06 0.99 0.00	30.20 1.41 0.00	30.54 1.36 0.00	37.68 1.66 0.00	56.25 2.38 0.00	54.73 2.26 0.00	69.34 2.64 0.00	48.36 1.69 0.00	35.70 1.10 0.00	32.81 0.83 0.00
FALCON____SEABRD_CC1 323796	-20.39 -0.92 56.62	-20.60 -0.82 54.43	-20.65 -0.76 47.13	-20.63 -0.70 46.29	-16.60 -0.77 44.10	-3.31 -0.80 33.47	0.65 -0.96 30.72	-15.67 -1.05 50.17	-20.46 -1.25 60.85	-20.42 -1.37 70.58	-20.24 -1.57 77.53	-20.13 -1.69 68.62	-20.49 -0.90 47.49	-9.19 -0.77 32.90	-20.68 -0.54 40.21	-20.47 -0.85 48.41	-20.61 -0.86 48.92	-20.56 -0.99 55.59	-20.33 -1.39 72.80	-9.30 -1.41 60.37	4.07 -1.68 60.95	-20.34 -0.98 66.03	-20.38 -0.70 54.27	-8.13 -0.72 39.38

FALCON___SEABRD_CC2 323797	-20.39 -0.92 56.62	-20.60 -0.82 54.43	-20.65 -0.76 47.13	-20.63 -0.70 46.29	-16.60 -0.77 44.10	-3.31 -0.80 33.47	0.65 -0.96 30.72	-15.67 -1.05 50.17	-20.46 -1.25 60.85	-20.42 -1.37 70.58	-20.24 -1.57 77.53	-20.13 -1.69 68.62	-20.49 -0.90 47.49	-9.19 -0.77 32.90	-20.68 -0.54 40.21	-20.47 -0.85 48.41	-20.61 -0.86 48.92	-20.56 -0.99 55.59	-20.33 -1.39 72.80	-9.30 -1.41 60.37	4.07 -1.68 60.95	-20.34 -0.98 66.03	-20.38 -0.70 54.27	-8.13 -0.72 39.38
FAR ROCKAWAY___4 23548	39.51 2.36 0.00	36.86 2.21 0.00	29.01 1.77 0.00	27.90 1.53 0.00	29.89 1.62 0.00	32.69 1.73 0.00	34.34 2.01 0.00	37.84 2.29 0.00	44.41 2.77 0.00	54.70 3.17 0.00	62.20 3.34 0.00	53.33 3.15 0.00	29.77 1.87 0.00	26.18 1.71 0.00	21.53 1.46 0.00	30.92 2.13 0.00	31.32 2.14 0.00	38.70 2.69 0.00	57.77 3.90 0.00	56.27 3.80 0.00	71.00 4.30 0.00	49.71 3.04 0.00	36.51 1.91 0.00	33.55 1.58 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.04 1.89 0.00	36.49 1.84 0.00	28.77 1.53 0.00	27.73 1.36 0.00	29.72 1.45 0.00	32.55 1.59 0.00	34.10 1.77 0.00	37.52 1.98 0.00	44.03 2.39 0.00	54.29 2.76 0.00	61.99 3.14 0.00	53.16 2.98 0.00	29.55 1.66 0.00	25.98 1.50 0.00	21.36 1.29 0.00	30.63 1.84 0.00	30.93 1.75 0.00	38.16 2.15 0.00	56.97 3.11 0.00	55.39 2.92 0.00	70.19 3.49 0.00	48.94 2.28 0.00	36.09 1.49 0.00	33.19 1.22 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.07 1.91 0.00	36.50 1.85 0.00	28.79 1.55 0.00	27.74 1.37 0.00	29.73 1.47 0.00	32.57 1.61 0.00	34.12 1.79 0.00	37.54 2.00 0.00	44.05 2.40 0.00	54.32 2.79 0.00	62.00 3.15 0.00	53.18 3.01 0.00	29.56 1.66 0.00	25.98 1.51 0.00	21.37 1.30 0.00	30.65 1.85 0.00	30.95 1.77 0.00	38.17 2.16 0.00	57.00 3.14 0.00	55.43 2.96 0.00	70.22 3.53 0.00	48.97 2.31 0.00	36.11 1.51 0.00	33.19 1.21 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.04 1.88 0.00	36.48 1.82 0.00	28.76 1.53 0.00	27.73 1.36 0.00	29.71 1.45 0.00	32.54 1.58 0.00	34.09 1.76 0.00	37.51 1.97 0.00	44.01 2.37 0.00	54.28 2.75 0.00	61.96 3.10 0.00	53.14 2.97 0.00	29.54 1.64 0.00	25.97 1.49 0.00	21.35 1.28 0.00	30.62 1.83 0.00	30.92 1.74 0.00	38.14 2.12 0.00	56.95 3.08 0.00	55.38 2.90 0.00	70.15 3.45 0.00	48.93 2.26 0.00	36.07 1.47 0.00	33.15 1.18 0.00
FARRAGUT___LBMP 323566	39.00 1.85 0.00	36.46 1.81 0.00	28.75 1.51 0.00	27.71 1.34 0.00	29.69 1.43 0.00	32.53 1.57 0.00	34.07 1.74 0.00	37.48 1.94 0.00	43.99 2.35 0.00	54.23 2.70 0.00	61.92 3.07 0.00	53.10 2.92 0.00	29.52 1.63 0.00	25.95 1.47 0.00	21.34 1.27 0.00	30.60 1.81 0.00	30.89 1.72 0.00	38.11 2.10 0.00	56.92 3.05 0.00	55.33 2.86 0.00	70.09 3.40 0.00	48.88 2.22 0.00	36.05 1.45 0.00	33.14 1.16 0.00
FENNER___WINDPWR 24204	36.99 -0.16 0.00	34.47 -0.18 0.00	27.07 -0.17 0.00	26.23 -0.14 0.00	28.10 -0.17 0.00	30.81 -0.15 0.00	32.19 -0.14 0.00	35.47 -0.07 0.00	41.62 -0.02 0.00	51.54 0.02 0.00	58.91 0.05 0.00	50.37 0.05 -0.14	32.38 -0.06 -4.54	24.49 0.02 0.00	20.01 -0.06 0.00	28.71 -0.08 0.00	29.13 -0.05 0.00	36.13 0.12 0.00	54.22 0.35 0.00	52.82 0.34 0.00	67.17 0.47 0.00	47.14 0.47 0.00	34.96 0.36 0.00	32.36 0.38 0.00
FIBERTEK___ENERGY 23856	36.39 -0.76 0.00	33.95 -0.70 0.00	26.64 -0.60 0.00	25.83 -0.54 0.00	27.69 -0.57 0.00	30.35 -0.61 0.00	31.66 -0.67 0.00	34.86 -0.69 0.00	40.87 -0.77 0.00	50.60 -0.93 0.00	57.80 -1.05 0.00	49.18 -0.99 0.00	27.33 -0.57 0.00	23.96 -0.52 0.00	19.59 -0.48 0.00	28.17 -0.62 0.00	28.58 -0.60 0.00	35.28 -0.73 0.00	52.85 -1.02 0.00	51.52 -0.95 0.00	65.60 -1.10 0.00	45.86 -0.81 0.00	34.00 -0.60 0.00	31.51 -0.47 0.00
FITZPATRICK____ 23598	35.74 -1.41 0.00	33.35 -1.30 0.00	26.19 -1.05 0.00	25.39 -0.98 0.00	27.21 -1.05 0.00	29.81 -1.15 0.00	31.08 -1.25 0.00	34.20 -1.35 0.00	40.08 -1.56 0.00	49.65 -1.88 0.00	56.69 -2.16 0.00	48.27 -1.90 0.00	26.82 -1.08 0.00	23.52 -0.95 0.00	19.25 -0.82 0.00	27.63 -1.16 0.00	28.03 -1.14 0.00	34.59 -1.43 0.00	51.81 -2.06 0.00	50.49 -1.99 0.00	64.28 -2.41 0.00	44.99 -1.68 0.00	33.38 -1.22 0.00	30.97 -1.01 0.00
FLOWRFLD_69_KV_BK1 356044	39.17 2.01 0.00	36.34 1.69 0.00	28.63 1.39 0.00	27.54 1.17 0.00	29.48 1.22 0.00	32.21 1.26 0.00	34.02 1.69 0.00	37.57 2.03 0.00	44.11 2.47 0.00	54.06 2.53 0.00	60.86 1.99 -0.02	54.31 1.93 -2.22	29.15 1.23 -0.01	25.65 1.18 0.00	21.10 1.03 0.00	30.33 1.54 0.00	30.83 1.65 0.00	38.23 2.22 0.00	57.26 3.39 0.00	55.91 3.44 0.00	70.31 3.61 0.00	49.45 2.78 0.00	36.23 1.63 0.00	33.26 1.29 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.99 1.83 0.00	36.38 1.73 0.00	28.64 1.40 0.00	27.64 1.27 0.00	29.64 1.38 0.00	32.47 1.50 0.00	34.00 1.68 0.00	37.42 1.88 0.00	43.92 2.28 0.00	54.20 2.67 0.00	61.94 3.09 0.00	53.04 2.87 0.00	29.50 1.60 0.00	25.90 1.43 0.00	21.28 1.21 0.00	30.52 1.73 0.00	30.87 1.70 0.00	38.11 2.10 0.00	56.92 3.05 0.00	55.41 2.94 0.00	70.19 3.49 0.00	48.94 2.27 0.00	36.09 1.49 0.00	33.15 1.18 0.00
FORT ORANGE____ 23900	38.58 1.42 0.00	35.99 1.34 0.00	28.35 1.11 0.00	27.40 1.03 0.00	29.36 1.10 0.00	32.13 1.17 0.00	33.64 1.31 0.00	36.98 1.44 0.00	43.34 1.70 0.00	53.35 1.82 0.00	60.90 2.05 0.00	51.97 1.80 0.00	28.90 1.01 0.00	25.20 0.73 0.00	20.74 0.67 0.00	29.69 0.89 0.00	30.04 0.86 0.00	37.04 1.03 0.00	55.17 1.30 0.00	53.77 1.30 0.00	68.11 1.41 0.00	47.52 0.85 0.00	35.21 0.61 0.00	32.38 0.40 0.00
FORT_DRUM_COGEN 23780	38.20 -1.35 -2.40	35.55 -1.41 -2.30	28.00 -1.24 -2.00	27.16 -1.17 -1.96	28.85 -1.28 -1.87	31.02 -1.36 -1.42	32.26 -1.37 -1.30	36.25 -1.42 -2.13	42.67 -1.55 -2.58	52.86 -1.66 -2.99	60.38 -1.75 -3.28	51.46 -1.62 -2.91	28.93 -0.97 -2.01	25.36 -0.51 -1.39	21.17 -0.60 -1.70	29.79 -1.05 -2.05	30.36 -0.89 -2.07	37.22 -1.15 -2.36	55.94 -1.03 -3.09	53.67 -1.37 -2.56	68.26 -1.02 -2.59	49.30 -0.17 -2.80	36.71 -0.20 -2.31	33.88 0.23 -1.67
FOX_HILLS___ESR 323835	49.79 2.17 -10.47	49.12 2.11 -12.36	48.49 1.74 -19.51	48.48 1.53 -20.59	48.39 1.65 -18.48	48.61 1.83 -15.82	49.14 1.97 -14.84	49.20 2.19 -11.47	50.05 2.64 -5.77	54.73 2.99 -0.21	62.38 3.45 -0.08	75.72 3.26 -22.28	50.45 1.81 -20.74	50.22 1.60 -24.14	59.91 1.38 -38.46	53.68 1.99 -22.90	50.20 1.94 -19.08	51.18 2.35 -12.82	72.76 3.33 -15.56	92.30 3.25 -36.58	93.46 3.68 -23.08	85.59 2.58 -36.34	50.18 1.74 -13.85	49.89 1.42 -16.49
FPL FAR_ROCK_GT1 24212	39.51 2.36 0.00	36.86 2.21 0.00	29.00 1.76 0.00	27.89 1.52 0.00	29.89 1.62 0.00	32.68 1.72 0.00	34.33 2.00 0.00	37.83 2.29 0.00	44.40 2.75 0.00	54.68 3.15 0.00	62.18 3.33 0.00	53.31 3.14 0.00	29.77 1.87 0.00	26.18 1.71 0.00	21.52 1.46 0.00	30.92 2.13 0.00	31.31 2.14 0.00	38.69 2.68 0.00	57.76 3.89 0.00	56.28 3.80 0.00	71.00 4.31 0.00	49.71 3.04 0.00	36.51 1.91 0.00	33.56 1.58 0.00

FPL FAR_ROCK_GT2 23815	39.51 2.36 0.00	36.86 2.21 0.00	29.00 1.76 0.00	27.89 1.52 0.00	29.89 1.62 0.00	32.68 1.72 0.00	34.33 2.00 0.00	37.83 2.29 0.00	44.40 2.75 0.00	54.68 3.15 0.00	62.18 3.33 0.00	53.31 3.14 0.00	29.77 1.87 0.00	26.18 1.71 0.00	21.52 1.46 0.00	30.92 2.13 0.00	31.31 2.14 0.00	38.69 2.68 0.00	57.76 3.89 0.00	56.28 3.80 0.00	71.00 4.31 0.00	49.71 3.04 0.00	36.51 1.91 0.00	33.56 1.58 0.00
FRANKLIN_FALL_HYD 24054	73.82 -0.49 -37.15	69.83 -0.54 -35.72	57.65 -0.52 -30.93	56.28 -0.47 -30.38	56.69 -0.51 -28.94	52.39 -0.53 -21.96	51.92 -0.56 -20.16	67.88 -0.59 -32.92	80.81 -0.76 -39.93	97.14 -0.71 -46.32	108.95 -0.77 -50.87	94.36 -0.84 -45.03	58.61 -0.45 -31.16	45.74 -0.32 -21.58	46.12 -0.33 -26.38	60.05 -0.50 -31.76	60.81 -0.47 -32.10	71.97 -0.52 -36.48	100.98 -0.67 -47.78	91.52 -0.57 -39.61	106.18 -0.51 -40.00	89.76 -0.24 -43.33	70.11 -0.11 -35.62	57.75 -0.07 -25.84
FREEPORT_EQUUS_GT1 23764	39.22 2.07 0.00	36.54 1.89 0.00	28.76 1.52 0.00	27.67 1.30 0.00	29.64 1.39 0.00	32.41 1.45 0.00	34.07 1.74 0.00	37.52 1.98 0.00	44.06 2.42 0.00	54.23 2.70 0.00	61.62 2.77 0.00	52.81 2.64 0.00	29.47 1.58 0.00	25.94 1.46 0.00	21.32 1.25 0.00	30.66 1.87 0.00	31.06 1.89 0.00	38.40 2.38 0.00	57.37 3.50 0.00	55.88 3.41 0.00	70.46 3.76 0.00	49.37 2.70 0.00	36.25 1.65 0.00	33.31 1.33 0.00
FREEPORT___CT2 23818	39.22 2.07 0.00	36.54 1.89 0.00	28.76 1.52 0.00	27.67 1.30 0.00	29.64 1.39 0.00	32.41 1.45 0.00	34.07 1.74 0.00	37.52 1.98 0.00	44.06 2.42 0.00	54.23 2.70 0.00	61.62 2.77 0.00	52.81 2.64 0.00	29.47 1.58 0.00	25.94 1.46 0.00	21.32 1.25 0.00	30.66 1.87 0.00	31.06 1.89 0.00	38.40 2.38 0.00	57.37 3.50 0.00	55.88 3.41 0.00	70.46 3.76 0.00	49.37 2.70 0.00	36.25 1.65 0.00	33.31 1.33 0.00
FRESHKLS_33_KV_LOAD 356253	49.77 2.15 -10.47	49.08 2.08 -12.36	48.46 1.71 -19.51	48.46 1.50 -20.59	48.36 1.61 -18.48	48.57 1.79 -15.82	49.09 1.92 -14.84	49.14 2.13 -11.47	49.99 2.58 -5.77	54.64 2.89 -0.21	62.28 3.34 -0.08	75.63 3.17 -22.28	50.39 1.75 -20.74	50.16 1.55 -24.14	59.87 1.33 -38.46	53.63 1.94 -22.90	50.16 1.90 -19.08	51.14 2.30 -12.82	72.65 3.22 -15.56	92.24 3.18 -36.58	93.31 3.53 -23.08	85.58 2.57 -36.34	50.20 1.76 -13.85	49.88 1.42 -16.49
FULTON COGEN____ 23766	35.89 -1.27 0.00	33.47 -1.18 0.00	26.28 -0.96 0.00	25.47 -0.90 0.00	27.31 -0.95 0.00	29.92 -1.04 0.00	31.20 -1.12 0.00	34.35 -1.19 0.00	40.27 -1.37 0.00	49.91 -1.62 0.00	57.01 -1.84 0.00	48.55 -1.62 0.00	26.97 -0.93 0.00	23.64 -0.83 0.00	19.35 -0.72 0.00	27.79 -1.00 0.00	28.20 -0.98 0.00	34.79 -1.22 0.00	52.05 -1.81 0.00	50.73 -1.74 0.00	64.57 -2.12 0.00	45.19 -1.48 0.00	33.49 -1.11 0.00	31.07 -0.90 0.00
FULTON___LFGE 323630	38.58 1.43 0.00	35.98 1.33 0.00	28.25 1.02 0.00	27.32 0.95 0.00	29.26 1.00 0.00	32.08 1.12 0.00	33.51 1.18 0.00	36.85 1.31 0.00	43.20 1.55 0.00	53.26 1.73 0.00	60.80 1.94 0.00	52.10 1.93 0.00	28.95 1.05 0.00	25.50 1.02 0.00	20.84 0.77 0.00	30.05 1.26 0.00	30.52 1.34 0.00	37.79 1.78 0.00	56.87 3.00 0.00	55.47 3.00 0.00	70.62 3.92 0.00	49.45 2.78 0.00	36.62 2.01 0.00	33.81 1.84 0.00
G.F.CEMENT___DRP 24184	39.52 2.37 0.00	36.77 2.11 0.00	28.89 1.65 0.00	27.94 1.57 0.00	30.01 1.74 0.00	32.85 1.89 0.00	34.48 2.15 0.00	37.95 2.41 0.00	44.51 2.87 0.00	54.74 3.21 0.00	62.35 3.49 0.00	53.10 2.93 0.00	29.65 1.76 0.00	26.08 1.60 0.00	21.47 1.40 0.00	31.05 2.25 0.00	31.35 2.17 0.00	38.88 2.86 0.00	58.12 4.25 0.00	56.69 4.22 0.00	71.32 4.62 0.00	49.67 3.01 0.00	36.74 2.14 0.00	33.73 1.76 0.00
GARDENVILLE___LBMP 24039	28.74 -3.21 5.21	26.71 -2.85 5.09	21.72 -2.36 3.15	20.27 -2.11 4.00	21.68 -2.24 4.34	26.01 -2.45 2.50	23.66 -3.18 5.48	25.77 -3.55 6.23	30.74 -4.13 6.77	39.32 -4.56 7.65	45.27 -5.47 8.11	37.58 -5.01 7.58	15.41 -2.71 9.77	17.34 -2.62 4.52	14.13 -2.07 3.87	20.50 -2.85 5.44	20.89 -2.87 5.41	26.06 -3.63 6.32	40.69 -5.07 8.11	44.68 -4.89 2.91	61.35 -5.34 0.00	43.32 -3.35 0.00	32.21 -2.39 0.00	29.85 -2.13 0.00
GARDNVLA_35_KV_LD 355827	29.33 -3.00 4.82	27.28 -2.65 4.72	22.11 -2.21 2.92	20.70 -1.97 3.70	22.15 -2.10 4.02	26.37 -2.28 2.31	24.22 -3.03 5.08	26.39 -3.38 5.77	31.43 -3.94 6.27	40.14 -4.30 7.08	46.21 -5.14 7.50	38.42 -4.72 7.03	15.66 -2.55 9.68	17.83 -2.47 4.18	14.53 -1.95 3.58	21.08 -2.68 5.03	21.47 -2.70 5.01	26.73 -3.43 5.85	41.58 -4.78 7.51	45.19 -4.59 2.70	61.78 -4.92 0.00	43.61 -3.06 0.00	32.42 -2.18 0.00	30.02 -1.96 0.00
GELCKHM___115KV_LOAD 80723	36.14 -1.01 0.00	33.72 -0.93 0.00	26.47 -0.77 0.00	25.66 -0.71 0.00	27.51 -0.75 0.00	30.13 -0.83 0.00	31.43 -0.90 0.00	34.60 -0.95 0.00	40.56 -1.09 0.00	50.24 -1.29 0.00	57.38 -1.48 0.00	48.85 -1.33 0.00	27.13 -0.76 0.00	23.79 -0.68 0.00	19.46 -0.61 0.00	27.97 -0.83 0.00	28.36 -0.81 0.00	35.01 -1.01 0.00	52.43 -1.44 0.00	51.09 -1.38 0.00	65.07 -1.63 0.00	45.53 -1.14 0.00	33.75 -0.85 0.00	31.30 -0.68 0.00
GENERAL___MILLS 23808	29.10 -3.10 4.95	27.07 -2.74 4.84	21.97 -2.27 3.00	20.54 -2.02 3.80	21.97 -2.16 4.12	26.23 -2.35 2.38	24.01 -3.10 5.22	26.16 -3.46 5.92	31.18 -4.03 6.44	39.83 -4.42 7.28	45.84 -5.30 7.71	38.09 -4.86 7.22	15.55 -2.63 9.71	17.63 -2.55 4.30	14.37 -2.01 3.68	20.85 -2.77 5.18	21.25 -2.78 5.14	26.46 -3.54 6.01	41.22 -4.93 7.71	44.96 -4.74 2.77	61.58 -5.12 0.00	43.47 -3.20 0.00	32.31 -2.29 0.00	29.94 -2.04 0.00
GE_PLASTICS___DRP 24183	38.27 1.12 0.00	35.71 1.06 0.00	28.12 0.88 0.00	27.19 0.82 0.00	29.14 0.87 0.00	31.88 0.92 0.00	33.37 1.04 0.00	36.69 1.14 0.00	42.99 1.34 0.00	52.96 1.43 0.00	60.49 1.64 0.00	51.64 1.47 0.00	28.71 0.81 0.00	25.09 0.61 0.00	20.63 0.56 0.00	29.56 0.77 0.00	29.93 0.75 0.00	36.89 0.88 0.00	55.01 1.14 0.00	53.58 1.10 0.00	67.89 1.20 0.00	47.39 0.72 0.00	35.12 0.52 0.00	32.33 0.35 0.00
GILBOA___1 23756	37.93 0.78 0.00	35.39 0.74 0.00	27.86 0.62 0.00	27.01 0.64 0.00	28.86 0.60 0.00	31.61 0.65 0.00	33.06 0.74 0.00	36.37 0.82 0.00	42.64 0.99 0.00	52.63 1.10 0.00	60.10 1.25 0.00	51.33 1.16 0.00	28.54 0.64 0.00	25.03 0.56 0.00	20.55 0.49 0.00	29.50 0.71 0.00	29.86 0.69 0.00	36.85 0.84 0.00	55.06 1.19 0.00	53.61 1.14 0.00	68.01 1.31 0.00	47.49 0.83 0.00	35.13 0.53 0.00	32.37 0.39 0.00
GILBOA___2 23757	37.93 0.78 0.00	35.39 0.74 0.00	27.86 0.62 0.00	27.01 0.64 0.00	28.86 0.60 0.00	31.61 0.65 0.00	33.06 0.74 0.00	36.37 0.82 0.00	42.64 0.99 0.00	52.63 1.10 0.00	60.10 1.25 0.00	51.33 1.16 0.00	28.54 0.64 0.00	25.03 0.56 0.00	20.55 0.49 0.00	29.50 0.71 0.00	29.86 0.69 0.00	36.85 0.84 0.00	55.06 1.19 0.00	53.61 1.14 0.00	68.01 1.31 0.00	47.49 0.83 0.00	35.13 0.53 0.00	32.37 0.39 0.00

GILBOA___3 23758	37.93 0.78 0.00	35.39 0.74 0.00	27.86 0.62 0.00	27.01 0.64 0.00	28.86 0.60 0.00	31.61 0.65 0.00	33.06 0.74 0.00	36.37 0.82 0.00	42.64 0.99 0.00	52.63 1.10 0.00	60.10 1.25 0.00	51.33 1.16 0.00	28.54 0.64 0.00	25.03 0.56 0.00	20.55 0.49 0.00	29.50 0.71 0.00	29.86 0.69 0.00	36.85 0.84 0.00	55.06 1.19 0.00	53.61 1.14 0.00	68.01 1.31 0.00	47.49 0.83 0.00	35.13 0.53 0.00	32.37 0.39 0.00
GILBOA___4 23759	37.93 0.78 0.00	35.39 0.74 0.00	27.86 0.62 0.00	27.01 0.64 0.00	28.86 0.60 0.00	31.61 0.65 0.00	33.06 0.74 0.00	36.37 0.82 0.00	42.64 0.99 0.00	52.63 1.10 0.00	60.10 1.25 0.00	51.33 1.16 0.00	28.54 0.64 0.00	25.03 0.56 0.00	20.55 0.49 0.00	29.50 0.71 0.00	29.86 0.69 0.00	36.85 0.84 0.00	55.06 1.19 0.00	53.61 1.14 0.00	68.01 1.31 0.00	47.49 0.83 0.00	35.13 0.53 0.00	32.37 0.39 0.00
GILBOA___ 23599	37.93 0.78 0.00	35.39 0.74 0.00	27.86 0.62 0.00	27.01 0.64 0.00	28.87 0.61 0.00	31.62 0.66 0.00	33.07 0.74 0.00	36.38 0.84 0.00	42.65 1.01 0.00	52.63 1.10 0.00	60.10 1.25 0.00	51.34 1.17 0.00	28.54 0.64 0.00	25.03 0.56 0.00	20.55 0.49 0.00	29.51 0.71 0.00	29.86 0.69 0.00	36.86 0.84 0.00	55.06 1.19 0.00	53.61 1.14 0.00	68.01 1.32 0.00	47.49 0.83 0.00	35.13 0.53 0.00	32.37 0.39 0.00
GINNA___ 23603	33.71 -3.44 0.00	31.51 -3.14 0.00	24.70 -2.54 0.00	24.01 -2.36 0.00	25.75 -2.51 0.00	28.22 -2.74 0.00	29.20 -3.13 0.00	32.09 -3.46 0.00	37.66 -3.98 0.00	46.90 -4.63 0.00	53.46 -5.39 0.00	45.23 -4.84 0.10	21.85 -2.76 3.29	22.02 -2.45 0.00	18.07 -1.99 0.00	26.04 -2.76 0.00	24.58 -2.79 1.81	30.49 -3.42 2.11	46.26 -4.90 2.71	46.68 -4.81 0.97	60.93 -5.77 0.00	42.77 -3.90 0.00	31.71 -2.89 0.00	29.35 -2.62 0.00
GLEN PARK___ 23778	38.20 -1.23 -2.28	35.56 -1.28 -2.19	27.99 -1.14 -1.89	27.15 -1.08 -1.86	28.85 -1.18 -1.77	31.06 -1.24 -1.35	32.32 -1.24 -1.23	36.28 -1.28 -2.02	42.74 -1.35 -2.45	52.99 -1.38 -2.84	60.53 -1.44 -3.12	51.59 -1.35 -2.76	28.97 -0.84 -1.91	25.36 -0.43 -1.32	21.18 -0.51 -1.62	29.83 -0.91 -1.95	30.42 -0.73 -1.97	37.31 -0.94 -2.24	56.10 -0.70 -2.93	53.85 -1.06 -2.43	68.54 -0.61 -2.46	49.38 0.05 -2.66	36.73 -0.05 -2.19	33.92 0.36 -1.59
GLENDALE_27_KV_LOAD 356172	39.30 2.14 -0.01	37.16 2.06 -0.45	29.82 1.70 -0.88	28.91 1.52 -1.02	30.80 1.63 -0.91	33.03 1.78 -0.28	34.28 1.95 0.00	37.73 2.19 -0.01	44.29 2.64 -0.01	54.59 3.06 0.00	62.31 3.46 0.00	53.45 3.28 0.00	30.94 1.83 -1.22	31.16 1.66 -5.03	26.38 1.42 -4.89	31.72 2.02 -0.91	31.12 1.94 0.00	38.40 2.37 -0.02	57.33 3.43 -0.02	70.43 3.29 -14.67	108.87 3.96 -38.21	85.63 2.60 -36.37	39.22 1.72 -2.90	33.39 1.41 -0.01
GLENWOOD_IC_1_G5 23712	39.20 2.05 0.00	36.53 1.88 0.00	28.76 1.53 0.00	27.68 1.31 0.00	29.66 1.40 0.00	32.44 1.48 0.00	34.09 1.76 0.00	37.52 1.98 0.00	44.05 2.41 0.00	54.25 2.72 0.00	61.71 2.85 0.00	52.93 2.76 0.00	29.52 1.62 0.00	25.97 1.49 0.00	21.35 1.28 0.00	30.66 1.87 0.00	31.06 1.88 0.00	38.38 2.36 0.00	57.33 3.46 0.00	55.84 3.37 0.00	70.44 3.75 0.00	49.33 2.66 0.00	36.23 1.63 0.00	33.29 1.31 0.00
GLENWOOD_IC_2_G1 23688	39.12 1.97 0.00	36.47 1.82 0.00	28.72 1.48 0.00	27.64 1.27 0.00	29.61 1.35 0.00	32.39 1.43 0.00	34.03 1.70 0.00	37.46 1.91 0.00	43.98 2.34 0.00	54.14 2.61 0.00	61.60 2.75 0.00	52.82 2.64 0.00	29.47 1.57 0.00	25.91 1.43 0.00	21.30 1.23 0.00	30.60 1.81 0.00	30.99 1.81 0.00	38.29 2.28 0.00	57.18 3.32 0.00	55.70 3.23 0.00	70.31 3.61 0.00	49.21 2.55 0.00	36.16 1.57 0.00	33.23 1.26 0.00
GLENWOOD_IC_3_G1 23689	39.12 1.97 0.00	36.47 1.82 0.00	28.72 1.48 0.00	27.64 1.27 0.00	29.61 1.35 0.00	32.39 1.43 0.00	34.03 1.70 0.00	37.46 1.91 0.00	43.98 2.34 0.00	54.14 2.61 0.00	61.60 2.75 0.00	52.82 2.64 0.00	29.47 1.57 0.00	25.91 1.43 0.00	21.30 1.23 0.00	30.60 1.81 0.00	30.99 1.81 0.00	38.29 2.28 0.00	57.18 3.32 0.00	55.70 3.23 0.00	70.31 3.61 0.00	49.21 2.55 0.00	36.16 1.57 0.00	33.23 1.26 0.00
GLENWOOD___4 23550	39.20 2.05 0.00	36.53 1.88 0.00	28.76 1.53 0.00	27.68 1.31 0.00	29.66 1.40 0.00	32.44 1.48 0.00	34.09 1.76 0.00	37.52 1.98 0.00	44.05 2.41 0.00	54.25 2.72 0.00	61.71 2.85 0.00	52.93 2.76 0.00	29.52 1.62 0.00	25.97 1.49 0.00	21.35 1.28 0.00	30.66 1.87 0.00	31.06 1.88 0.00	38.38 2.36 0.00	57.33 3.46 0.00	55.84 3.37 0.00	70.44 3.75 0.00	49.33 2.66 0.00	36.23 1.63 0.00	33.29 1.31 0.00
GLENWOOD___5 23614	39.20 2.05 0.00	36.53 1.88 0.00	28.76 1.53 0.00	27.68 1.31 0.00	29.66 1.40 0.00	32.44 1.48 0.00	34.09 1.76 0.00	37.52 1.98 0.00	44.05 2.41 0.00	54.25 2.72 0.00	61.71 2.85 0.00	52.93 2.76 0.00	29.52 1.62 0.00	25.97 1.49 0.00	21.35 1.28 0.00	30.66 1.87 0.00	31.06 1.88 0.00	38.38 2.36 0.00	57.33 3.46 0.00	55.84 3.37 0.00	70.44 3.75 0.00	49.33 2.66 0.00	36.23 1.63 0.00	33.29 1.31 0.00
GLOBAL GREEN_PORT_GT1 23814	38.30 1.15 0.00	35.29 0.64 0.00	27.81 0.57 0.00	26.73 0.36 0.00	28.64 0.37 0.00	31.27 0.31 0.00	33.26 0.93 0.00	37.04 1.49 0.00	43.50 1.86 0.00	52.72 1.19 0.21	58.20 -0.44 23.36	26.25 -0.56 0.15	27.66 -0.09 0.00	24.48 0.01 0.00	20.12 0.06 0.00	28.90 0.11 0.00	29.57 0.39 0.00	37.28 1.26 0.00	57.28 3.41 0.00	56.32 3.85 0.00	71.11 4.41 0.00	50.18 3.52 0.00	36.69 2.09 0.00	33.66 1.68 0.00
GLOBE___DSASP 323697	26.71 -4.05 6.39	24.84 -3.56 6.25	20.48 -2.89 3.87	18.87 -2.59 4.91	20.13 -2.80 5.33	24.78 -3.11 3.07	21.61 -3.98 6.74	23.34 -4.55 7.65	28.02 -5.31 8.31	36.13 -6.01 9.39	41.83 -7.08 9.94	34.58 -6.36 9.23	14.36 -3.46 10.08	15.69 -3.25 5.54	12.67 -2.65 4.75	18.47 -3.65 6.67	18.85 -3.70 6.63	23.68 -4.59 7.74	37.30 -6.63 9.94	42.47 -6.43 3.57	59.35 -7.34 0.00	41.96 -4.70 0.00	31.30 -3.30 0.00	29.03 -2.95 0.00
GOETHSLN___LBMP 323567	38.81 1.66 0.00	36.28 1.63 0.00	28.62 1.38 0.00	27.56 1.19 0.00	29.54 1.28 0.00	32.35 1.39 0.00	33.89 1.56 0.00	37.30 1.76 0.00	43.77 2.13 0.00	53.95 2.42 0.00	61.58 2.73 0.00	52.85 2.67 0.00	29.40 1.50 0.00	25.85 1.37 0.00	21.26 1.19 0.00	30.45 1.66 0.00	30.74 1.57 0.00	37.91 1.90 0.00	56.57 2.70 0.00	55.03 2.56 0.00	69.71 3.01 0.00	48.62 1.95 0.00	35.86 1.26 0.00	32.95 0.98 0.00
GOLAH___69_KV_TB 1_2 80279	33.59 -2.16 1.40	31.35 -1.93 1.37	24.79 -1.61 0.85	23.86 -1.43 1.07	25.56 -1.54 1.17	28.61 -1.67 0.67	28.70 -2.15 1.48	31.48 -2.39 1.68	37.09 -2.73 1.82	46.48 -2.99 2.06	53.09 -3.56 2.21	44.63 -3.40 2.15	21.04 -1.96 4.90	21.41 -1.83 1.24	17.58 -1.43 1.06	25.45 -1.85 1.49	25.35 -1.85 1.98	31.35 -2.35 2.31	47.69 -3.21 2.97	48.32 -3.08 1.07	63.34 -3.36 0.00	44.51 -2.15 0.00	33.03 -1.57 0.00	30.57 -1.41 0.00

GOODYEAR_LAKE_HYD 323669	37.80 0.65 0.00	35.28 0.63 0.00	27.71 0.47 0.00	26.84 0.47 0.00	28.73 0.47 0.00	31.50 0.54 0.00	32.89 0.57 0.00	36.22 0.68 0.00	42.53 0.89 0.00	52.62 1.08 0.00	60.17 1.31 0.00	51.34 1.17 0.00	28.52 0.63 0.00	25.07 0.59 0.00	20.50 0.43 0.00	29.44 0.64 0.00	29.86 0.69 0.00	36.89 0.88 0.00	55.33 1.46 0.00	53.89 1.42 0.00	68.61 1.91 0.00	48.05 1.39 0.00	35.54 0.94 0.00	32.85 0.88 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.34 -0.82 0.00	33.90 -0.75 0.00	26.58 -0.66 0.00	25.83 -0.54 0.00	27.72 -0.55 0.00	30.37 -0.59 0.00	31.65 -0.68 0.00	34.89 -0.66 0.00	40.89 -0.75 0.00	50.58 -0.95 0.00	57.78 -1.08 0.00	49.02 -1.05 0.11	24.01 -0.66 3.23	23.89 -0.58 0.00	19.58 -0.49 0.00	28.15 -0.64 0.00	28.55 -0.63 0.00	35.26 -0.76 0.00	52.86 -1.01 0.00	51.53 -0.94 0.00	65.74 -0.95 0.00	45.99 -0.68 0.00	34.00 -0.60 0.00	31.44 -0.53 0.00
GOUDEY___7 23579	36.34 -0.82 0.00	33.90 -0.75 0.00	26.58 -0.66 0.00	25.83 -0.54 0.00	27.72 -0.55 0.00	30.37 -0.59 0.00	31.65 -0.68 0.00	34.89 -0.66 0.00	40.89 -0.75 0.00	50.58 -0.95 0.00	57.78 -1.08 0.00	49.02 -1.05 0.11	24.01 -0.66 3.23	23.89 -0.58 0.00	19.58 -0.49 0.00	28.15 -0.64 0.00	28.55 -0.63 0.00	35.26 -0.76 0.00	52.86 -1.01 0.00	51.53 -0.94 0.00	65.74 -0.95 0.00	45.99 -0.68 0.00	34.00 -0.60 0.00	31.44 -0.53 0.00
GOUDEY___8 23580	36.34 -0.82 0.00	33.90 -0.75 0.00	26.58 -0.66 0.00	25.83 -0.54 0.00	27.72 -0.55 0.00	30.37 -0.59 0.00	31.65 -0.68 0.00	34.89 -0.66 0.00	40.89 -0.75 0.00	50.58 -0.95 0.00	57.78 -1.08 0.00	49.02 -1.05 0.11	24.01 -0.66 3.23	23.89 -0.58 0.00	19.58 -0.49 0.00	28.15 -0.64 0.00	28.55 -0.63 0.00	35.26 -0.76 0.00	52.86 -1.01 0.00	51.53 -0.94 0.00	65.74 -0.95 0.00	45.99 -0.68 0.00	34.00 -0.60 0.00	31.44 -0.53 0.00
GOWANUS_GT1_1 24077	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.58 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.23 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT1_2 24078	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.58 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.23 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT1_3 24079	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.58 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.23 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT1_4 24080	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.58 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.23 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT1_5 24084	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.58 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.23 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT1_6 24111	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.58 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.23 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT1_7 24112	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.58 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.23 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT1_8 24113	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.58 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.23 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT2_1 24114	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT2_2 24115	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT2_3 24116	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49

GOWANUS_GT2_4 24117	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT2_5 24118	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT2_6 24119	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT2_7 24120	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT2_8 24121	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT3_1 24122	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.26 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT3_2 24123	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.26 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT3_3 24124	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.26 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT3_4 24125	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.26 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT3_5 24126	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.26 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT3_6 24127	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.26 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT3_7 24128	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.26 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT3_8 24129	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.26 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.80 3.92 -38.18	85.68 2.67 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
GOWANUS_GT4_1 24130	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.27 2.00 -19.08	51.27 2.43 -12.82	72.92 3.49 -15.56	96.59 3.39 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT4_2 24131	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.27 2.00 -19.08	51.27 2.43 -12.82	72.92 3.49 -15.56	96.59 3.39 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.49 -16.49

GOWANUS_GT4_3 24132	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.27 2.00 -19.08	51.27 2.43 -12.82	72.92 3.49 -15.56	96.59 3.39 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT4_4 24133	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.27 2.00 -19.08	51.27 2.43 -12.82	72.92 3.49 -15.56	96.59 3.39 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT4_5 24134	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.27 2.00 -19.08	51.27 2.43 -12.82	72.92 3.49 -15.56	96.59 3.39 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT4_6 24135	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.27 2.00 -19.08	51.27 2.43 -12.82	72.92 3.49 -15.56	96.59 3.39 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT4_7 24136	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.27 2.00 -19.08	51.27 2.43 -12.82	72.92 3.49 -15.56	96.59 3.39 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.49 -16.49
GOWANUS_GT4_8 24137	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.27 2.00 -19.08	51.27 2.43 -12.82	72.92 3.49 -15.56	96.59 3.39 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.49 -16.49
GREENBSH_115KV_TB3 55895	38.42 1.27 0.00	35.85 1.20 0.00	28.23 1.00 0.00	27.30 0.93 0.00	29.25 0.99 0.00	32.00 1.04 0.00	33.50 1.18 0.00	36.84 1.29 0.00	43.15 1.51 0.00	53.13 1.60 0.00	60.67 1.82 0.00	51.82 1.65 0.00	28.78 0.89 0.00	25.09 0.61 0.00	20.65 0.58 0.00	29.55 0.76 0.00	29.91 0.73 0.00	36.85 0.83 0.00	54.89 1.03 0.00	53.47 1.00 0.00	67.71 1.01 0.00	47.25 0.58 0.00	35.04 0.44 0.00	32.23 0.26 0.00
GREENDGE_115KV_TB5 80291	47.07 -1.78 -11.69	44.47 -1.62 -11.44	32.93 -1.39 -7.08	34.12 -1.23 -8.97	36.76 -1.25 -9.74	35.18 -1.39 -5.61	43.11 -1.54 -12.32	47.95 -1.58 -13.99	54.88 -1.96 -15.21	66.26 -2.41 -17.14	74.17 -2.81 -18.13	63.33 -2.76 -15.91	16.10 -1.58 10.23	33.27 -1.29 -10.09	27.63 -1.08 -8.64	39.61 -1.34 -12.15	41.93 -1.08 -13.83	50.71 -1.45 -16.15	72.64 -1.96 -20.74	58.49 -1.43 -7.44	65.44 -1.26 0.00	45.79 -0.88 0.00	33.65 -0.95 0.00	31.24 -0.73 0.00
GREENIDGE____3 23582	47.07 -1.78 -11.69	44.47 -1.62 -11.44	32.93 -1.39 -7.08	34.12 -1.23 -8.97	36.76 -1.25 -9.74	35.18 -1.39 -5.61	43.11 -1.54 -12.32	47.95 -1.58 -13.99	54.88 -1.96 -15.21	66.26 -2.41 -17.14	74.17 -2.81 -18.13	63.33 -2.76 -15.91	16.10 -1.58 10.23	33.27 -1.29 -10.09	27.63 -1.08 -8.64	39.61 -1.34 -12.15	41.93 -1.08 -13.83	50.71 -1.45 -16.15	72.64 -1.96 -20.74	58.49 -1.43 -7.44	65.44 -1.26 0.00	45.79 -0.88 0.00	33.65 -0.95 0.00	31.24 -0.73 0.00
GREENIDGE____4 23583	47.08 -1.77 -11.69	44.47 -1.61 -11.44	32.93 -1.39 -7.08	34.12 -1.22 -8.97	36.77 -1.24 -9.74	35.19 -1.38 -5.61	43.11 -1.54 -12.32	47.95 -1.58 -13.99	54.89 -1.96 -15.21	66.28 -2.39 -17.14	74.18 -2.80 -18.13	63.35 -2.73 -15.91	16.09 -1.59 10.23	33.28 -1.29 -10.09	27.63 -1.08 -8.64	39.61 -1.34 -12.15	41.93 -1.08 -13.83	50.71 -1.46 -16.15	72.63 -1.97 -20.74	58.48 -1.43 -7.44	65.44 -1.25 0.00	45.79 -0.88 0.00	33.65 -0.95 0.00	31.24 -0.74 0.00
GREENLWN_69_KV_BK 3 55738	38.98 1.83 0.00	36.28 1.63 0.00	28.58 1.34 0.00	27.49 1.12 0.00	29.44 1.18 0.00	32.14 1.19 0.00	33.82 1.49 0.00	37.23 1.69 0.00	43.71 2.06 0.00	53.77 2.24 0.00	61.07 2.22 0.00	52.41 2.24 0.00	29.25 1.36 0.00	25.74 1.26 0.00	21.16 1.10 0.00	30.41 1.62 0.00	30.84 1.66 0.00	38.15 2.14 0.00	57.02 3.15 0.00	55.50 3.03 0.00	69.78 3.08 0.00	49.00 2.34 0.00	35.98 1.38 0.00	33.08 1.10 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.27 2.00 -19.08	51.27 2.43 -12.82	72.92 3.49 -15.56	96.59 3.39 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.49 -16.49
GRISSOM____SOLAR 323813	38.65 1.50 0.00	36.04 1.39 0.00	28.32 1.08 0.00	27.39 1.02 0.00	29.34 1.08 0.00	32.15 1.19 0.00	33.59 1.27 0.00	36.95 1.41 0.00	43.29 1.65 0.00	53.35 1.82 0.00	60.86 2.01 0.00	52.16 1.99 0.00	28.98 1.08 0.00	25.52 1.05 0.00	20.87 0.80 0.00	30.11 1.32 0.00	30.57 1.39 0.00	37.83 1.82 0.00	56.89 3.02 0.00	55.50 3.03 0.00	70.57 3.87 0.00	49.37 2.71 0.00	36.55 1.95 0.00	33.72 1.75 0.00
GROVEVILLE____HYD 323602	38.99 1.83 0.00	36.38 1.73 0.00	28.64 1.40 0.00	27.64 1.27 0.00	29.64 1.38 0.00	32.47 1.50 0.00	34.00 1.68 0.00	37.42 1.88 0.00	43.92 2.28 0.00	54.20 2.67 0.00	61.94 3.09 0.00	53.04 2.87 0.00	29.50 1.60 0.00	25.90 1.43 0.00	21.28 1.21 0.00	30.52 1.73 0.00	30.87 1.70 0.00	38.11 2.10 0.00	56.92 3.05 0.00	55.41 2.94 0.00	70.19 3.49 0.00	48.94 2.27 0.00	36.09 1.49 0.00	33.15 1.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.39 -0.76 0.00	33.95 -0.70 0.00	26.64 -0.60 0.00	25.83 -0.54 0.00	27.69 -0.57 0.00	30.35 -0.61 0.00	31.66 -0.67 0.00	34.86 -0.69 0.00	40.87 -0.77 0.00	50.60 -0.93 0.00	57.80 -1.05 0.00	49.18 -0.99 0.00	27.33 -0.57 0.00	23.96 -0.52 0.00	19.59 -0.48 0.00	28.17 -0.62 0.00	28.58 -0.60 0.00	35.28 -0.73 0.00	52.85 -1.02 0.00	51.52 -0.95 0.00	65.60 -1.10 0.00	45.86 -0.81 0.00	34.00 -0.60 0.00	31.51 -0.47 0.00

HAMLTNNY_34_KV_TB 80303	36.39 -0.76 0.00	33.96 -0.69 0.00	26.64 -0.60 0.00	25.84 -0.53 0.00	27.70 -0.56 0.00	30.35 -0.61 0.00	31.66 -0.67 0.00	34.86 -0.68 0.00	40.87 -0.77 0.00	50.65 -0.88 0.00	57.83 -1.02 0.00	49.12 -1.06 0.00	27.30 -0.60 0.00	23.94 -0.54 0.00	19.54 -0.52 0.00	28.16 -0.63 0.00	28.71 -0.47 0.00	35.31 -0.71 0.00	52.89 -0.98 0.00	51.66 -0.81 0.00	65.81 -0.89 0.00	45.97 -0.70 0.00	34.08 -0.52 0.00	31.58 -0.39 0.00
HAMPSHIRE___PAPER_HYD 323593	42.12 -0.94 -5.90	39.29 -1.04 -5.67	31.23 -0.92 -4.91	30.29 -0.91 -4.83	31.86 -1.00 -4.60	33.35 -1.10 -3.49	34.40 -1.14 -3.20	39.52 -1.25 -5.23	46.53 -1.45 -6.35	57.30 -1.59 -7.36	65.13 -1.81 -8.08	55.68 -1.65 -7.16	31.91 -0.94 -4.95	27.44 -0.47 -3.43	23.65 -0.61 -4.19	32.79 -1.05 -5.05	33.30 -0.98 -5.10	40.64 -1.18 -5.80	60.10 -1.37 -7.60	57.26 -1.52 -6.31	71.56 -1.50 -6.37	52.95 -0.61 -6.90	39.88 -0.39 -5.67	35.92 -0.17 -4.11
HARDSCRABBLE_WT_PWR 323673	37.48 0.33 0.00	34.94 0.28 0.00	27.45 0.21 0.00	26.53 0.16 0.00	28.36 0.10 0.00	31.01 0.05 0.00	32.48 0.15 0.00	35.77 0.22 0.00	41.99 0.34 0.00	51.70 0.17 0.00	58.93 0.08 0.00	50.44 0.27 0.00	28.05 0.15 0.00	24.56 0.09 0.00	20.17 0.10 0.00	28.97 0.17 0.00	29.38 0.21 0.00	36.29 0.27 0.00	54.05 0.18 0.00	52.80 0.32 0.00	66.77 0.07 0.00	46.72 0.05 0.00	34.53 -0.07 0.00	31.67 -0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.58 1.43 0.00	36.00 1.35 0.00	28.34 1.10 0.00	27.32 0.95 0.00	29.31 1.05 0.00	32.14 1.18 0.00	33.65 1.33 0.00	37.06 1.52 0.00	43.47 1.83 0.00	53.67 2.14 0.00	61.37 2.51 0.00	52.56 2.39 0.00	29.22 1.32 0.00	25.67 1.20 0.00	21.08 1.01 0.00	30.21 1.42 0.00	30.53 1.36 0.00	37.68 1.66 0.00	56.27 2.40 0.00	54.78 2.31 0.00	69.44 2.75 0.00	48.43 1.76 0.00	35.71 1.11 0.00	32.81 0.83 0.00
HARSNRAD_115KV_TB1 81005	25.24 -3.84 8.08	23.29 -3.45 7.90	19.51 -2.83 4.89	17.61 -2.56 6.20	18.80 -2.73 6.73	24.09 -2.99 3.87	20.01 -3.81 8.51	21.58 -4.30 9.66	26.13 -5.01 10.51	33.97 -5.70 11.86	39.57 -6.73 12.55	32.49 -6.07 11.61	13.31 -3.28 11.31	14.34 -3.14 7.00	11.55 -2.53 5.99	16.97 -3.40 8.42	17.45 -3.44 8.29	21.97 -4.36 9.69	35.22 -6.21 12.44	42.06 -5.95 4.46	60.01 -6.69 0.00	42.36 -4.31 0.00	31.53 -3.07 0.00	29.25 -2.72 0.00
HARZA MOOSE___RIVER 24016	38.39 -0.46 -1.70	35.70 -0.59 -1.64	28.11 -0.55 -1.42	27.26 -0.50 -1.39	29.01 -0.58 -1.33	31.35 -0.61 -1.01	32.67 -0.58 -0.92	36.48 -0.57 -1.51	42.86 -0.61 -1.83	52.99 -0.66 -2.12	60.47 -0.71 -2.33	51.63 -0.61 -2.06	28.92 -0.40 -1.43	25.62 0.15 -0.99	21.11 -0.17 -1.21	29.80 -0.45 -1.46	30.27 -0.38 -1.47	37.30 -0.41 -1.69	55.84 -0.25 -2.22	53.87 -0.45 -1.84	68.34 -0.22 -1.86	48.91 0.22 -2.02	36.46 0.20 -1.66	33.52 0.34 -1.20
HDSNBRDG_115KV_BRDG_TB1 355580	36.14 -1.01 0.00	33.72 -0.93 0.00	26.46 -0.78 0.00	25.66 -0.71 0.00	27.51 -0.75 0.00	30.14 -0.82 0.00	31.42 -0.90 0.00	34.60 -0.94 0.00	40.57 -1.08 0.00	50.24 -1.29 0.00	57.39 -1.46 0.00	48.86 -1.31 0.00	27.13 -0.76 0.00	23.79 -0.68 0.00	19.46 -0.60 0.00	27.97 -0.82 0.00	28.38 -0.80 0.00	35.00 -1.01 0.00	52.42 -1.45 0.00	51.07 -1.40 0.00	65.07 -1.63 0.00	45.53 -1.14 0.00	33.74 -0.86 0.00	31.29 -0.69 0.00
HELLGATE_13_KV_LD 55870	39.15 1.99 -0.01	37.02 1.92 -0.45	29.73 1.61 -0.88	28.82 1.44 -1.02	30.70 1.53 -0.91	32.91 1.67 -0.28	34.18 1.85 0.00	37.62 2.07 -0.01	44.14 2.49 -0.01	54.41 2.87 0.00	62.09 3.24 0.00	53.25 3.08 0.00	30.83 1.72 -1.22	31.06 1.55 -5.03	26.29 1.34 -4.89	31.60 1.91 -0.91	31.00 1.82 0.00	38.26 2.22 -0.02	57.08 3.18 -0.02	70.16 3.04 -14.65	108.55 3.68 -38.17	85.39 2.40 -36.33	39.08 1.58 -2.90	33.28 1.29 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.15 1.99 -0.01	37.02 1.92 -0.45	29.73 1.61 -0.88	28.82 1.44 -1.02	30.70 1.53 -0.91	32.91 1.67 -0.28	34.18 1.85 0.00	37.62 2.07 -0.01	44.14 2.49 -0.01	54.41 2.87 0.00	62.09 3.24 0.00	53.25 3.08 0.00	30.83 1.72 -1.22	31.06 1.55 -5.03	26.29 1.34 -4.89	31.60 1.91 -0.91	31.00 1.82 0.00	38.26 2.22 -0.02	57.08 3.18 -0.02	70.16 3.04 -14.65	108.55 3.68 -38.17	85.39 2.40 -36.33	39.08 1.58 -2.90	33.28 1.29 -0.01
HEMPSTEAD____ 23647	39.01 1.86 0.00	36.35 1.70 0.00	28.63 1.39 0.00	27.55 1.18 0.00	29.51 1.25 0.00	32.26 1.30 0.00	33.92 1.59 0.00	37.34 1.80 0.00	43.83 2.19 0.00	53.97 2.44 0.00	61.35 2.50 0.00	52.61 2.44 0.00	29.36 1.46 0.00	25.82 1.34 0.00	21.23 1.16 0.00	30.51 1.71 0.00	30.90 1.73 0.00	38.19 2.18 0.00	57.06 3.19 0.00	55.58 3.10 0.00	70.10 3.41 0.00	49.10 2.43 0.00	36.06 1.46 0.00	33.12 1.14 0.00
HEWLETT_69_KV_BK3 55828	39.36 2.20 0.00	36.71 2.06 0.00	28.90 1.66 0.00	27.80 1.43 0.00	29.77 1.52 0.00	32.57 1.61 0.00	34.21 1.88 0.00	37.68 2.14 0.00	44.22 2.58 0.00	54.47 2.94 0.00	61.95 3.10 0.00	53.12 2.95 0.00	29.65 1.75 0.00	26.08 1.60 0.00	21.44 1.37 0.00	30.80 2.01 0.00	31.18 2.00 0.00	38.53 2.52 0.00	57.52 3.65 0.00	56.01 3.54 0.00	70.69 3.99 0.00	49.50 2.83 0.00	36.36 1.76 0.00	33.41 1.44 0.00
HICKLING___1 23621	38.90 -2.08 -3.83	36.49 -1.91 -3.75	27.93 -1.63 -2.32	27.89 -1.42 -2.94	30.04 -1.41 -3.19	31.22 -1.58 -1.84	34.64 -1.72 -4.04	38.39 -1.74 -4.58	44.56 -2.07 -4.98	54.58 -2.58 -5.63	61.92 -2.88 -5.95	52.25 -2.79 -4.87	11.82 -1.69 14.38	26.34 -1.46 -3.31	21.70 -1.20 -2.84	31.22 -1.56 -3.99	32.16 -1.48 -4.46	39.39 -1.92 -5.29	58.11 -2.55 -6.80	52.74 -2.17 -2.44	64.58 -2.12 0.00	45.17 -1.50 0.00	33.18 -1.42 0.00	30.81 -1.16 0.00
HICKLING___2 23622	38.90 -2.08 -3.83	36.49 -1.91 -3.75	27.93 -1.63 -2.32	27.89 -1.42 -2.94	30.04 -1.41 -3.19	31.22 -1.58 -1.84	34.64 -1.72 -4.04	38.39 -1.74 -4.58	44.56 -2.07 -4.98	54.58 -2.58 -5.63	61.92 -2.88 -5.95	52.25 -2.79 -4.87	11.82 -1.69 14.38	26.34 -1.46 -3.31	21.70 -1.20 -2.84	31.22 -1.56 -3.99	32.16 -1.48 -4.46	39.39 -1.92 -5.29	58.11 -2.55 -6.80	52.74 -2.17 -2.44	64.58 -2.12 0.00	45.17 -1.50 0.00	33.18 -1.42 0.00	30.81 -1.16 0.00
HIGH FALLS___HY 23754	38.81 1.66 0.00	36.21 1.56 0.00	28.51 1.27 0.00	27.50 1.13 0.00	29.49 1.23 0.00	32.34 1.38 0.00	33.87 1.54 0.00	37.30 1.75 0.00	43.81 2.17 0.00	54.14 2.61 0.00	61.92 3.07 0.00	53.06 2.89 0.00	29.47 1.58 0.00	25.87 1.39 0.00	21.24 1.17 0.00	30.46 1.67 0.00	30.74 1.56 0.00	38.02 2.01 0.00	56.84 2.97 0.00	55.35 2.88 0.00	70.19 3.49 0.00	48.92 2.25 0.00	36.04 1.44 0.00	33.10 1.13 0.00
HIGH_RIVER___SOLAR 323847	38.34 1.18 0.00	35.76 1.11 0.00	28.11 0.87 0.00	27.19 0.82 0.00	29.13 0.87 0.00	31.90 0.94 0.00	33.36 1.03 0.00	36.67 1.13 0.00	42.94 1.30 0.00	52.92 1.39 0.00	60.36 1.51 0.00	51.65 1.48 0.00	28.72 0.82 0.00	25.20 0.72 0.00	20.67 0.60 0.00	29.68 0.89 0.00	30.17 0.99 0.00	37.33 1.31 0.00	55.99 2.12 0.00	54.60 2.13 0.00	69.33 2.63 0.00	48.45 1.79 0.00	35.88 1.27 0.00	33.09 1.12 0.00

HILLBURN___GT 23639	38.48 1.33 0.00	35.91 1.26 0.00	28.29 1.05 0.00	27.25 0.88 0.00	29.22 0.96 0.00	32.03 1.07 0.00	33.54 1.22 0.00	36.95 1.40 0.00	43.34 1.70 0.00	53.49 1.96 0.00	61.19 2.34 0.00	52.44 2.27 0.00	29.14 1.24 0.00	25.59 1.12 0.00	21.03 0.96 0.00	30.13 1.34 0.00	30.46 1.28 0.00	37.55 1.54 0.00	56.08 2.21 0.00	54.61 2.14 0.00	69.19 2.49 0.00	48.27 1.60 0.00	35.58 0.98 0.00	32.70 0.72 0.00
HILLSIDE_115KV_TB1 80332	38.52 -2.05 -3.42	36.09 -1.91 -3.35	27.69 -1.62 -2.07	27.61 -1.39 -2.63	29.72 -1.39 -2.85	31.08 -1.52 -1.64	34.24 -1.69 -3.61	37.93 -1.71 -4.09	44.07 -2.02 -4.45	54.00 -2.56 -5.03	61.30 -2.87 -5.32	51.75 -2.76 -4.33	12.68 -1.67 13.55	25.99 -1.44 -2.96	21.42 -1.19 -2.53	30.75 -1.60 -3.56	31.49 -1.54 -3.85	38.55 -1.95 -4.49	56.94 -2.69 -5.76	52.01 -2.53 -2.07	63.95 -2.75 0.00	44.74 -1.92 0.00	32.97 -1.63 0.00	30.53 -1.45 0.00
HISHELDN_WT_PWR 323625	-6.92 -4.37 39.70	-8.16 -3.97 38.84	-0.08 -3.28 24.05	-7.10 -2.99 30.48	-7.93 -3.11 33.08	8.41 -3.51 19.04	-13.29 -3.79 41.84	-15.98 -4.02 47.50	-14.74 -4.74 51.64	-12.53 -5.84 58.22	-9.75 -7.02 61.57	-12.36 -6.20 56.33	-12.54 -3.55 36.88	-12.91 -3.11 34.28	-11.80 -2.51 29.35	-15.74 -3.25 41.29	-13.14 -3.28 39.04	-13.68 -4.12 45.58	-10.57 -5.92 58.52	25.93 -5.54 21.00	60.58 -6.11 0.00	42.47 -4.20 0.00	31.33 -3.27 0.00	29.19 -2.79 0.00
HOLTSVILLE_IC_1 23690	39.04 1.89 0.00	36.25 1.60 0.00	28.57 1.33 0.00	27.47 1.10 0.00	29.43 1.17 0.00	32.13 1.17 0.00	33.93 1.60 0.00	37.45 1.91 0.00	43.96 2.32 0.00	53.88 2.34 0.00	60.71 1.85 0.00	52.00 1.83 0.00	29.08 1.18 0.00	25.59 1.11 0.00	21.04 0.97 0.00	30.24 1.44 0.00	30.71 1.53 0.00	38.07 2.06 0.00	56.99 3.12 0.00	55.65 3.18 0.00	70.01 3.31 0.00	49.24 2.57 0.00	36.10 1.50 0.00	33.16 1.18 0.00
HOLTSVILLE_IC_10 23699	39.17 2.01 0.00	36.33 1.68 0.00	28.63 1.39 0.00	27.52 1.15 0.00	29.48 1.22 0.00	32.19 1.24 0.00	34.02 1.69 0.00	37.59 2.05 0.00	44.13 2.48 0.00	54.05 2.52 0.00	60.83 1.91 -0.06	59.08 1.84 -7.07	29.14 1.19 -0.05	25.61 1.14 0.00	21.07 1.00 0.00	30.27 1.48 0.00	30.78 1.60 0.00	38.17 2.16 0.00	57.17 3.30 0.00	55.84 3.36 0.00	70.23 3.54 0.00	49.43 2.76 0.00	36.22 1.62 0.00	33.25 1.28 0.00
HOLTSVILLE_IC_2 23691	39.04 1.89 0.00	36.25 1.60 0.00	28.57 1.33 0.00	27.47 1.10 0.00	29.43 1.17 0.00	32.13 1.17 0.00	33.93 1.60 0.00	37.45 1.91 0.00	43.96 2.32 0.00	53.88 2.34 0.00	60.71 1.85 0.00	52.00 1.83 0.00	29.08 1.18 0.00	25.59 1.11 0.00	21.04 0.97 0.00	30.24 1.44 0.00	30.71 1.53 0.00	38.07 2.06 0.00	56.99 3.12 0.00	55.65 3.18 0.00	70.01 3.31 0.00	49.24 2.57 0.00	36.10 1.50 0.00	33.16 1.18 0.00
HOLTSVILLE_IC_3 23692	39.04 1.89 0.00	36.25 1.60 0.00	28.57 1.33 0.00	27.47 1.10 0.00	29.43 1.17 0.00	32.13 1.17 0.00	33.93 1.60 0.00	37.45 1.91 0.00	43.96 2.32 0.00	53.88 2.34 0.00	60.71 1.85 0.00	52.00 1.83 0.00	29.08 1.18 0.00	25.59 1.11 0.00	21.04 0.97 0.00	30.24 1.44 0.00	30.71 1.53 0.00	38.07 2.06 0.00	56.99 3.12 0.00	55.65 3.18 0.00	70.01 3.31 0.00	49.24 2.57 0.00	36.10 1.50 0.00	33.16 1.18 0.00
HOLTSVILLE_IC_4 23693	39.04 1.89 0.00	36.25 1.60 0.00	28.57 1.33 0.00	27.47 1.10 0.00	29.43 1.17 0.00	32.13 1.17 0.00	33.93 1.60 0.00	37.45 1.91 0.00	43.96 2.32 0.00	53.88 2.34 0.00	60.71 1.85 0.00	52.00 1.83 0.00	29.08 1.18 0.00	25.59 1.11 0.00	21.04 0.97 0.00	30.24 1.44 0.00	30.71 1.53 0.00	38.07 2.06 0.00	56.99 3.12 0.00	55.65 3.18 0.00	70.01 3.31 0.00	49.24 2.57 0.00	36.10 1.50 0.00	33.16 1.18 0.00
HOLTSVILLE_IC_5 23694	39.04 1.89 0.00	36.25 1.60 0.00	28.57 1.33 0.00	27.47 1.10 0.00	29.43 1.17 0.00	32.13 1.17 0.00	33.93 1.60 0.00	37.45 1.91 0.00	43.96 2.32 0.00	53.88 2.34 0.00	60.71 1.85 0.00	52.00 1.83 0.00	29.08 1.18 0.00	25.59 1.11 0.00	21.04 0.97 0.00	30.24 1.44 0.00	30.71 1.53 0.00	38.07 2.06 0.00	56.99 3.12 0.00	55.65 3.18 0.00	70.01 3.31 0.00	49.24 2.57 0.00	36.10 1.50 0.00	33.16 1.18 0.00
HOLTSVILLE_IC_6 23695	39.17 2.01 0.00	36.33 1.68 0.00	28.63 1.39 0.00	27.52 1.15 0.00	29.48 1.22 0.00	32.19 1.24 0.00	34.02 1.69 0.00	37.59 2.05 0.00	44.13 2.48 0.00	54.05 2.52 0.00	60.83 1.91 -0.06	59.08 1.84 -7.07	29.14 1.19 -0.05	25.61 1.14 0.00	21.07 1.00 0.00	30.27 1.48 0.00	30.78 1.60 0.00	38.17 2.16 0.00	57.17 3.30 0.00	55.84 3.36 0.00	70.23 3.54 0.00	49.43 2.76 0.00	36.22 1.62 0.00	33.25 1.28 0.00
HOLTSVILLE_IC_7 23696	39.17 2.01 0.00	36.33 1.68 0.00	28.63 1.39 0.00	27.52 1.15 0.00	29.48 1.22 0.00	32.19 1.24 0.00	34.02 1.69 0.00	37.59 2.05 0.00	44.13 2.48 0.00	54.05 2.52 0.00	60.83 1.91 -0.06	59.08 1.84 -7.07	29.14 1.19 -0.05	25.61 1.14 0.00	21.07 1.00 0.00	30.27 1.48 0.00	30.78 1.60 0.00	38.17 2.16 0.00	57.17 3.30 0.00	55.84 3.36 0.00	70.23 3.54 0.00	49.43 2.76 0.00	36.22 1.62 0.00	33.25 1.28 0.00
HOLTSVILLE_IC_8 23697	39.17 2.01 0.00	36.33 1.68 0.00	28.63 1.39 0.00	27.52 1.15 0.00	29.48 1.22 0.00	32.19 1.24 0.00	34.02 1.69 0.00	37.59 2.05 0.00	44.13 2.48 0.00	54.05 2.52 0.00	60.83 1.91 -0.06	59.08 1.84 -7.07	29.14 1.19 -0.05	25.61 1.14 0.00	21.07 1.00 0.00	30.27 1.48 0.00	30.78 1.60 0.00	38.17 2.16 0.00	57.17 3.30 0.00	55.84 3.36 0.00	70.23 3.54 0.00	49.43 2.76 0.00	36.22 1.62 0.00	33.25 1.28 0.00
HOLTSVILLE_IC_9 23698	39.17 2.01 0.00	36.33 1.68 0.00	28.63 1.39 0.00	27.52 1.15 0.00	29.48 1.22 0.00	32.19 1.24 0.00	34.02 1.69 0.00	37.59 2.05 0.00	44.13 2.48 0.00	54.05 2.52 0.00	60.83 1.91 -0.06	59.08 1.84 -7.07	29.14 1.19 -0.05	25.61 1.14 0.00	21.07 1.00 0.00	30.27 1.48 0.00	30.78 1.60 0.00	38.17 2.16 0.00	57.17 3.30 0.00	55.84 3.36 0.00	70.23 3.54 0.00	49.43 2.76 0.00	36.22 1.62 0.00	33.25 1.28 0.00
HOMER_HL_115KV_TB2 355744	34.79 -2.37 0.00	32.57 -2.08 0.00	25.51 -1.73 0.00	24.85 -1.52 0.00	26.68 -1.58 0.00	29.33 -1.64 0.00	30.23 -2.10 0.00	33.37 -2.17 0.00	39.17 -2.47 0.00	48.53 -3.00 0.00	55.19 -3.66 0.00	46.25 -3.66 0.27	17.48 -2.01 8.40	22.49 -1.99 0.00	18.54 -1.53 0.00	26.66 -2.13 0.00	27.09 -2.08 0.00	33.31 -2.71 0.00	50.38 -3.48 0.00	49.15 -3.32 0.00	63.36 -3.34 0.00	44.50 -2.17 0.00	32.98 -1.62 0.00	30.56 -1.41 0.00
HOWARD_WT_PWR 323690	57.65 -4.69 -25.19	55.21 -4.09 -24.65	39.03 -3.47 -15.26	42.55 -3.16 -19.34	46.08 -3.16 -20.99	39.25 -3.80 -12.08	54.85 -4.03 -26.55	61.40 -4.28 -30.14	69.34 -5.07 -32.77	82.26 -6.21 -36.94	90.67 -7.23 -39.05	78.71 -6.46 -34.99	24.92 -3.68 -0.70	43.15 -3.07 -21.74	36.04 -2.64 -18.61	51.79 -3.18 -26.18	51.23 -3.32 -25.37	61.45 -4.19 -29.63	86.69 -5.22 -38.04	62.39 -3.73 -13.65	63.45 -3.25 0.00	44.52 -2.14 0.00	31.88 -2.72 0.00	30.23 -1.74 0.00

HQ_GEN_CEDARS 23644	40.22 0.23 -2.85	37.55 0.16 -2.74	29.67 0.06 -2.37	28.78 0.08 -2.33	30.58 0.10 -2.22	32.78 0.14 -1.68	33.95 0.07 -1.54	38.07 0.01 -2.52	44.66 -0.04 -3.06	55.25 0.18 -3.55	62.94 0.19 -3.89	53.67 0.05 -3.45	30.34 0.05 -2.39	26.23 0.10 -1.65	22.12 0.03 -2.02	31.24 0.01 -2.43	31.67 0.04 -2.46	38.89 0.08 -2.80	57.77 0.24 -3.67	55.72 0.20 -3.04	70.16 0.40 -3.07	50.43 0.44 -3.32	37.76 0.43 -2.73	34.42 0.46 -1.98
HQ_GEN_CEDARS_PROXY 323590	40.22 0.22 -2.85	37.55 0.16 -2.74	29.67 0.06 -2.37	28.78 0.08 -2.33	30.57 0.09 -2.22	32.78 0.14 -1.68	32.34 0.07 0.06	38.07 0.00 -2.52	44.66 -0.05 -3.06	55.25 0.17 -3.55	62.92 0.18 -3.89	53.66 0.04 -3.45	30.33 0.05 -2.39	26.23 0.10 -1.65	22.12 0.03 -2.02	31.23 0.01 -2.43	31.67 0.04 -2.46	38.89 0.08 -2.80	57.77 0.24 -3.67	55.72 0.20 -3.04	70.16 0.40 -3.07	50.42 0.43 -3.32	37.75 0.42 -2.73	34.42 0.46 -1.98
HQ_GEN_IMPORT 323601	37.28 0.12 0.00	34.75 0.10 0.00	27.30 0.06 0.00	26.43 0.06 0.00	28.33 0.07 0.00	31.05 0.09 0.00	32.38 0.05 0.00	35.56 0.02 0.00	41.62 -0.02 0.00	51.65 0.12 0.00	58.97 0.12 0.00	50.21 0.03 0.00	27.94 0.04 0.00	24.52 0.05 0.00	20.10 0.03 0.00	28.81 0.02 0.00	29.20 0.03 0.00	36.06 0.04 0.00	53.98 0.10 0.00	52.58 0.11 0.00	66.90 0.20 0.00	46.87 0.20 0.00	34.82 0.21 0.00	32.21 0.23 0.00
HQ_GEN_WHEEL 23651	37.28 0.12 0.00	34.75 0.10 0.00	27.30 0.06 0.00	26.43 0.06 0.00	28.33 0.07 0.00	31.05 0.09 0.00	32.38 0.05 0.00	35.56 0.02 0.00	41.62 -0.02 0.00	51.65 0.12 0.00	58.97 0.12 0.00	50.21 0.03 0.00	27.94 0.04 0.00	24.52 0.05 0.00	20.10 0.03 0.00	28.81 0.02 0.00	29.20 0.03 0.00	36.06 0.04 0.00	53.98 0.10 0.00	52.58 0.11 0.00	66.90 0.20 0.00	46.87 0.20 0.00	34.82 0.21 0.00	32.21 0.23 0.00
HUDSON AVE_GT_3 23810	39.08 1.92 0.00	36.51 1.86 0.00	28.79 1.55 0.00	27.75 1.38 0.00	29.73 1.47 0.00	32.57 1.61 0.00	34.12 1.79 0.00	37.54 2.00 0.00	44.06 2.42 0.00	54.33 2.80 0.00	62.03 3.18 0.00	53.20 3.03 0.00	29.58 1.68 0.00	25.99 1.52 0.00	21.37 1.31 0.00	30.66 1.87 0.00	30.95 1.78 0.00	38.18 2.17 0.00	57.03 3.16 0.00	55.44 2.97 0.00	70.25 3.55 0.00	48.98 2.31 0.00	36.12 1.52 0.00	33.19 1.22 0.00
HUDSON AVE_GT_4 23540	39.08 1.92 0.00	36.51 1.86 0.00	28.79 1.55 0.00	27.75 1.38 0.00	29.73 1.47 0.00	32.57 1.61 0.00	34.12 1.79 0.00	37.54 2.00 0.00	44.06 2.42 0.00	54.33 2.80 0.00	62.03 3.18 0.00	53.20 3.03 0.00	29.58 1.68 0.00	25.99 1.52 0.00	21.37 1.31 0.00	30.66 1.87 0.00	30.95 1.78 0.00	38.18 2.17 0.00	57.03 3.16 0.00	55.44 2.97 0.00	70.25 3.55 0.00	48.98 2.31 0.00	36.12 1.52 0.00	33.19 1.22 0.00
HUDSON AVE_GT_5 23657	39.08 1.92 0.00	36.51 1.86 0.00	28.79 1.55 0.00	27.75 1.38 0.00	29.73 1.47 0.00	32.57 1.61 0.00	34.12 1.79 0.00	37.54 2.00 0.00	44.06 2.42 0.00	54.33 2.80 0.00	62.03 3.18 0.00	53.20 3.03 0.00	29.58 1.68 0.00	25.99 1.52 0.00	21.37 1.31 0.00	30.66 1.87 0.00	30.95 1.78 0.00	38.18 2.17 0.00	57.03 3.16 0.00	55.44 2.97 0.00	70.25 3.55 0.00	48.98 2.31 0.00	36.12 1.52 0.00	33.19 1.22 0.00
HUDSON_AVE_10 24168	39.04 1.89 0.00	36.46 1.81 0.00	28.77 1.53 0.00	27.72 1.35 0.00	29.70 1.43 0.00	32.54 1.58 0.00	34.08 1.75 0.00	37.45 1.91 0.00	43.97 2.33 0.00	54.21 2.68 0.00	61.86 3.01 0.00	53.05 2.88 0.00	29.49 1.60 0.00	25.92 1.44 0.00	21.32 1.25 0.00	30.59 1.80 0.00	30.86 1.69 0.00	38.05 2.04 0.00	56.81 2.94 0.00	55.25 2.78 0.00	70.05 3.35 0.00	48.82 2.15 0.00	36.02 1.43 0.00	33.15 1.18 0.00
HUDSON___115KV_TB 4 355613	39.00 1.85 0.00	36.36 1.71 0.00	28.61 1.37 0.00	27.68 1.31 0.00	29.66 1.39 0.00	32.46 1.49 0.00	33.98 1.65 0.00	37.39 1.84 0.00	43.85 2.21 0.00	53.97 2.44 0.00	61.52 2.67 0.00	52.39 2.22 0.00	29.17 1.28 0.00	25.50 1.02 0.00	20.96 0.90 0.00	30.06 1.27 0.00	30.45 1.27 0.00	37.58 1.56 0.00	55.95 2.08 0.00	54.60 2.13 0.00	69.19 2.49 0.00	48.23 1.56 0.00	35.69 1.09 0.00	32.81 0.83 0.00
HUNTER MOUNT___DRP 323613	39.19 2.04 0.00	36.53 1.88 0.00	28.74 1.51 0.00	27.81 1.44 0.00	29.79 1.53 0.00	32.61 1.65 0.00	34.15 1.82 0.00	37.58 2.04 0.00	44.11 2.46 0.00	54.27 2.74 0.00	61.90 3.05 0.00	52.68 2.51 0.00	29.33 1.43 0.00	25.64 1.16 0.00	21.08 1.01 0.00	30.25 1.46 0.00	30.66 1.49 0.00	37.85 1.84 0.00	56.35 2.48 0.00	54.98 2.51 0.00	69.66 2.96 0.00	48.53 1.86 0.00	35.91 1.31 0.00	33.00 1.02 0.00
HUNTINGTON_RES_REC 323705	39.03 1.88 0.00	36.27 1.62 0.00	28.57 1.33 0.00	27.47 1.10 0.00	29.42 1.16 0.00	32.12 1.16 0.00	33.87 1.55 0.00	37.33 1.79 0.00	43.83 2.19 0.00	53.83 2.30 0.00	60.86 2.00 0.00	52.17 2.00 0.00	29.16 1.26 0.00	25.66 1.18 0.00	21.11 1.04 0.00	30.34 1.55 0.00	30.81 1.63 0.00	38.16 2.15 0.00	57.08 3.21 0.00	55.66 3.19 0.00	69.98 3.28 0.00	49.18 2.51 0.00	36.07 1.47 0.00	33.13 1.16 0.00
HUNTLEY___63 23557	27.68 -3.43 6.04	25.71 -3.03 5.91	21.08 -2.50 3.66	19.50 -2.24 4.64	20.83 -2.40 5.03	25.43 -2.63 2.90	22.53 -3.43 6.37	24.41 -3.90 7.23	29.25 -4.53 7.86	37.62 -5.04 8.88	43.51 -5.94 9.40	36.03 -5.40 8.75	14.95 -2.94 10.01	16.42 -2.81 5.24	13.33 -2.26 4.49	19.42 -3.07 6.31	19.80 -3.11 6.27	24.76 -3.93 7.32	38.90 -5.57 9.40	43.74 -5.36 3.37	60.75 -5.95 0.00	42.94 -3.73 0.00	31.96 -2.64 0.00	29.64 -2.34 0.00
HUNTLEY___64 23558	27.68 -3.43 6.04	25.71 -3.03 5.91	21.08 -2.50 3.66	19.50 -2.24 4.64	20.83 -2.40 5.03	25.43 -2.63 2.90	22.53 -3.43 6.37	24.41 -3.90 7.23	29.25 -4.53 7.86	37.62 -5.04 8.88	43.51 -5.94 9.40	36.03 -5.40 8.75	14.95 -2.94 10.01	16.42 -2.81 5.24	13.33 -2.26 4.49	19.42 -3.07 6.31	19.80 -3.11 6.27	24.76 -3.93 7.32	38.90 -5.57 9.40	43.74 -5.36 3.37	60.75 -5.95 0.00	42.94 -3.73 0.00	31.96 -2.64 0.00	29.64 -2.34 0.00
HUNTLEY___65 23559	27.68 -3.43 6.04	25.71 -3.03 5.91	21.08 -2.50 3.66	19.50 -2.24 4.64	20.83 -2.40 5.03	25.43 -2.63 2.90	22.53 -3.43 6.37	24.41 -3.90 7.23	29.25 -4.53 7.86	37.62 -5.04 8.88	43.51 -5.94 9.40	36.03 -5.40 8.75	14.95 -2.94 10.01	16.42 -2.81 5.24	13.33 -2.26 4.49	19.42 -3.07 6.31	19.80 -3.11 6.27	24.76 -3.93 7.32	38.90 -5.57 9.40	43.74 -5.36 3.37	60.75 -5.95 0.00	42.94 -3.73 0.00	31.96 -2.64 0.00	29.64 -2.34 0.00
HUNTLEY___66 23560	27.68 -3.43 6.04	25.71 -3.03 5.91	21.08 -2.50 3.66	19.50 -2.24 4.64	20.83 -2.40 5.03	25.43 -2.63 2.90	22.53 -3.43 6.37	24.41 -3.90 7.23	29.25 -4.53 7.86	37.62 -5.04 8.88	43.51 -5.94 9.40	36.03 -5.40 8.75	14.95 -2.94 10.01	16.42 -2.81 5.24	13.33 -2.26 4.49	19.42 -3.07 6.31	19.80 -3.11 6.27	24.76 -3.93 7.32	38.90 -5.57 9.40	43.74 -5.36 3.37	60.75 -5.95 0.00	42.94 -3.73 0.00	31.96 -2.64 0.00	29.64 -2.34 0.00

HUNTLEY___67 23561	27.86 -3.52 5.78	25.89 -3.11 5.66	21.19 -2.55 3.50	19.64 -2.30 4.44	20.99 -2.46 4.81	25.49 -2.70 2.77	22.75 -3.48 6.09	24.69 -3.94 6.92	29.54 -4.58 7.52	37.92 -5.11 8.49	43.78 -6.08 9.00	36.27 -5.52 8.38	14.99 -3.00 9.91	16.61 -2.85 5.01	13.48 -2.29 4.29	19.60 -3.16 6.04	19.99 -3.19 6.00	25.01 -3.99 7.01	39.22 -5.66 8.99	43.77 -5.47 3.23	60.60 -6.10 0.00	42.81 -3.86 0.00	31.87 -2.73 0.00	29.52 -2.45 0.00
HUNTLEY___68 23562	27.86 -3.52 5.78	25.89 -3.11 5.66	21.19 -2.55 3.50	19.64 -2.30 4.44	20.99 -2.46 4.81	25.49 -2.70 2.77	22.75 -3.48 6.09	24.69 -3.94 6.92	29.54 -4.58 7.52	37.92 -5.11 8.49	43.78 -6.08 9.00	36.27 -5.52 8.38	14.99 -3.00 9.91	16.61 -2.85 5.01	13.48 -2.29 4.29	19.60 -3.16 6.04	19.99 -3.19 6.00	25.01 -3.99 7.01	39.22 -5.66 8.99	43.77 -5.47 3.23	60.60 -6.10 0.00	42.81 -3.86 0.00	31.87 -2.73 0.00	29.52 -2.45 0.00
HYLAND___LFGE 323620	62.79 -1.82 -27.46	59.89 -1.63 -26.86	42.43 -1.43 -16.63	46.20 -1.24 -21.08	49.87 -1.26 -22.87	42.68 -1.45 -13.17	59.52 -1.74 -28.93	66.68 -1.71 -32.85	75.42 -1.93 -35.71	89.40 -2.38 -40.25	98.24 -3.15 -42.55	85.31 -3.26 -38.41	35.40 -2.28 -9.78	46.12 -2.03 -23.68	38.88 -1.46 -20.27	56.02 -1.29 -28.51	54.51 -1.79 -27.12	65.65 -2.02 -31.66	92.21 -2.30 -40.65	65.46 -1.60 -14.59	65.69 -1.01 0.00	46.04 -0.63 0.00	33.73 -0.87 0.00	31.34 -0.64 0.00
INDECK___CORINTH 23802	39.39 2.24 0.00	36.66 2.01 0.00	28.80 1.56 0.00	27.86 1.49 0.00	29.92 1.65 0.00	32.75 1.79 0.00	34.38 2.05 0.00	37.82 2.28 0.00	44.37 2.73 0.00	54.61 3.08 0.00	62.22 3.37 0.00	53.03 2.86 0.00	29.61 1.71 0.00	26.03 1.55 0.00	21.41 1.34 0.00	30.96 2.17 0.00	31.24 2.06 0.00	38.74 2.73 0.00	57.91 4.04 0.00	56.50 4.03 0.00	71.15 4.45 0.00	49.58 2.91 0.00	36.65 2.05 0.00	33.66 1.69 0.00
INDECK___ILION 23567	37.45 0.30 0.00	34.91 0.26 0.00	27.45 0.21 0.00	26.54 0.17 0.00	28.41 0.15 0.00	31.10 0.14 0.00	32.55 0.22 0.00	35.83 0.28 0.00	42.01 0.38 0.00	51.83 0.30 0.00	59.13 0.28 0.00	50.55 0.38 0.00	28.11 0.21 0.00	24.64 0.16 0.00	20.22 0.15 0.00	29.03 0.23 0.00	29.42 0.24 0.00	36.31 0.30 0.00	54.19 0.32 0.00	52.85 0.38 0.00	66.98 0.28 0.00	46.84 0.17 0.00	34.65 0.05 0.00	31.88 -0.10 0.00
INDECK___OLEAN 23982	34.83 -2.32 0.00	32.60 -2.05 0.00	25.53 -1.71 0.00	24.87 -1.49 0.00	26.71 -1.55 0.00	29.36 -1.60 0.00	30.27 -2.05 0.00	33.43 -2.12 0.00	39.23 -2.41 0.00	48.65 -2.88 0.00	55.29 -3.56 0.00	46.36 -3.54 0.27	17.44 -2.05 8.40	22.53 -1.94 0.00	18.57 -1.50 0.00	26.70 -2.09 0.00	27.14 -2.04 0.00	33.35 -2.66 0.00	50.46 -3.41 0.00	49.19 -3.28 0.00	63.37 -3.33 0.00	44.51 -2.16 0.00	32.97 -1.63 0.00	30.56 -1.41 0.00
INDECK___OSWEGO 23783	35.85 -1.31 0.00	33.43 -1.22 0.00	26.25 -0.99 0.00	25.44 -0.93 0.00	27.26 -1.00 0.00	29.87 -1.09 0.00	31.15 -1.17 0.00	34.30 -1.25 0.00	40.20 -1.44 0.00	49.83 -1.70 0.00	56.92 -1.93 0.00	48.48 -1.69 0.00	26.92 -0.97 0.00	23.62 -0.85 0.00	19.33 -0.73 0.00	27.74 -1.05 0.00	28.14 -1.03 0.00	34.71 -1.30 0.00	52.02 -1.85 0.00	50.64 -1.83 0.00	64.52 -2.18 0.00	45.17 -1.50 0.00	33.50 -1.10 0.00	31.10 -0.87 0.00
INDECK___YERKES 23781	27.77 -3.34 6.04	25.77 -2.97 5.91	21.12 -2.46 3.66	19.56 -2.17 4.64	20.88 -2.35 5.03	25.50 -2.56 2.90	22.61 -3.35 6.37	24.53 -3.79 7.23	29.39 -4.40 7.86	37.82 -4.84 8.88	43.70 -5.75 9.40	36.22 -5.21 8.75	14.97 -2.91 10.01	16.51 -2.73 5.24	13.40 -2.19 4.49	19.51 -2.97 6.31	19.88 -3.03 6.27	24.87 -3.83 7.32	39.07 -5.40 9.40	43.84 -5.26 3.37	60.82 -5.88 0.00	42.99 -3.68 0.00	31.99 -2.61 0.00	29.66 -2.31 0.00
INDIAN POINT_GT_1 24139	38.57 1.42 0.00	36.01 1.36 0.00	28.37 1.14 0.00	27.34 0.97 0.00	29.32 1.06 0.00	32.13 1.17 0.00	33.64 1.32 0.00	37.03 1.49 0.00	43.45 1.81 0.00	53.60 2.07 0.00	61.27 2.42 0.00	52.49 2.32 0.00	29.18 1.28 0.00	25.63 1.16 0.00	21.07 1.00 0.00	30.19 1.40 0.00	30.52 1.34 0.00	37.65 1.63 0.00	56.22 2.35 0.00	54.72 2.24 0.00	69.32 2.62 0.00	48.35 1.68 0.00	35.66 1.06 0.00	32.77 0.79 0.00
INDIAN POINT_GT_2 23659	38.57 1.42 0.00	36.01 1.36 0.00	28.37 1.14 0.00	27.34 0.97 0.00	29.32 1.06 0.00	32.13 1.17 0.00	33.64 1.32 0.00	37.03 1.49 0.00	43.45 1.81 0.00	53.60 2.07 0.00	61.27 2.42 0.00	52.49 2.32 0.00	29.18 1.28 0.00	25.63 1.16 0.00	21.07 1.00 0.00	30.19 1.40 0.00	30.52 1.34 0.00	37.65 1.63 0.00	56.22 2.35 0.00	54.72 2.24 0.00	69.32 2.62 0.00	48.35 1.68 0.00	35.66 1.06 0.00	32.77 0.79 0.00
INDIAN POINT_GT_3 24019	38.57 1.42 0.00	36.01 1.36 0.00	28.37 1.14 0.00	27.34 0.97 0.00	29.32 1.06 0.00	32.13 1.17 0.00	33.64 1.32 0.00	37.03 1.49 0.00	43.45 1.81 0.00	53.60 2.07 0.00	61.27 2.42 0.00	52.49 2.32 0.00	29.18 1.28 0.00	25.63 1.16 0.00	21.07 1.00 0.00	30.19 1.40 0.00	30.52 1.34 0.00	37.65 1.63 0.00	56.22 2.35 0.00	54.72 2.24 0.00	69.32 2.62 0.00	48.35 1.68 0.00	35.66 1.06 0.00	32.77 0.79 0.00
INDIAN POINT___2 23530	38.39 1.24 0.00	35.83 1.18 0.00	28.23 0.99 0.00	27.20 0.83 0.00	29.17 0.91 0.00	31.97 1.01 0.00	33.48 1.15 0.00	36.87 1.32 0.00	43.24 1.60 0.00	53.36 1.83 0.00	61.02 2.17 0.00	52.29 2.12 0.00	29.06 1.16 0.00	25.51 1.04 0.00	20.97 0.90 0.00	30.04 1.25 0.00	30.37 1.20 0.00	37.45 1.43 0.00	55.92 2.05 0.00	54.45 1.98 0.00	68.98 2.29 0.00	48.12 1.46 0.00	35.49 0.89 0.00	32.62 0.64 0.00
INDIAN POINT___3 23531	38.60 1.45 0.00	36.03 1.38 0.00	28.39 1.15 0.00	27.37 1.00 0.00	29.34 1.08 0.00	32.15 1.19 0.00	33.67 1.34 0.00	37.06 1.52 0.00	43.47 1.83 0.00	53.64 2.11 0.00	61.28 2.43 0.00	52.51 2.34 0.00	29.19 1.29 0.00	25.65 1.17 0.00	21.08 1.01 0.00	30.22 1.43 0.00	30.54 1.36 0.00	37.67 1.66 0.00	56.25 2.38 0.00	54.75 2.27 0.00	69.35 2.65 0.00	48.38 1.71 0.00	35.67 1.08 0.00	32.79 0.81 0.00
INGHAM_C_115KV_TB7 356103	37.60 0.45 0.00	35.03 0.38 0.00	27.53 0.29 0.00	26.62 0.25 0.00	28.48 0.22 0.00	31.16 0.20 0.00	32.66 0.34 0.00	36.00 0.45 0.00	42.22 0.57 0.00	51.92 0.38 0.00	59.13 0.28 0.00	50.66 0.49 0.00	28.16 0.27 0.00	24.65 0.18 0.00	20.26 0.19 0.00	29.12 0.33 0.00	29.51 0.34 0.00	36.45 0.44 0.00	54.25 0.38 0.00	53.00 0.52 0.00	66.90 0.20 0.00	46.68 0.01 0.00	34.44 -0.16 0.00	31.53 -0.45 0.00
IP CORINTH___1 23988	39.39 2.24 0.00	36.66 2.01 0.00	28.81 1.57 0.00	27.87 1.50 0.00	29.92 1.65 0.00	32.75 1.79 0.00	34.37 2.05 0.00	37.82 2.28 0.00	44.37 2.73 0.00	54.61 3.08 0.00	62.23 3.37 0.00	53.04 2.87 0.00	29.61 1.71 0.00	26.03 1.55 0.00	21.42 1.35 0.00	30.96 2.17 0.00	31.24 2.06 0.00	38.74 2.73 0.00	57.91 4.04 0.00	56.50 4.03 0.00	71.16 4.46 0.00	49.57 2.91 0.00	36.65 2.05 0.00	33.66 1.69 0.00

IP___TICONDEROGA 23804	40.62 3.47 0.00	37.62 2.97 0.00	29.39 2.15 0.00	28.42 2.05 0.00	30.62 2.36 0.00	33.48 2.51 0.00	35.29 2.97 0.00	38.95 3.41 0.00	45.67 4.03 0.00	55.73 4.20 0.00	63.30 4.45 0.00	53.45 3.28 0.00	29.97 2.08 0.00	26.52 2.04 0.00	21.94 1.87 0.00	31.87 3.08 0.00	32.25 3.07 0.00	40.18 4.17 0.00	60.12 6.25 0.00	58.61 6.13 0.00	72.70 6.01 0.00	50.46 3.79 0.00	37.41 2.80 0.00	34.39 2.41 0.00
ISLIP_RES_REC 323679	39.25 2.10 0.00	36.42 1.76 0.00	28.69 1.45 0.00	27.59 1.22 0.00	29.54 1.28 0.00	32.27 1.31 0.00	34.10 1.78 0.00	37.68 2.13 0.00	44.23 2.59 0.00	54.19 2.66 0.00	60.94 2.04 -0.05	57.24 1.92 -5.14	29.19 1.26 -0.03	25.66 1.18 0.00	21.11 1.04 0.00	30.33 1.54 0.00	30.85 1.68 0.00	38.28 2.26 0.00	57.34 3.48 0.00	56.03 3.56 0.00	70.48 3.78 0.00	49.59 2.92 0.00	36.33 1.73 0.00	33.34 1.36 0.00
JAMAICA__27_KV_LOAD 355505	39.46 2.31 0.00	36.81 2.16 0.00	29.09 1.85 0.00	28.00 1.63 0.00	30.01 1.75 0.00	32.89 1.94 0.00	34.40 2.08 0.00	37.72 2.17 0.00	44.32 2.68 0.00	54.62 3.09 0.00	62.25 3.39 0.00	53.36 3.18 0.00	29.67 1.77 0.00	26.08 1.60 0.00	21.46 1.39 0.00	30.81 2.02 0.00	31.07 1.90 0.00	38.29 2.28 0.00	57.18 3.32 0.00	55.63 3.15 0.00	70.52 3.83 0.00	49.07 2.40 0.00	36.29 1.69 0.00	33.49 1.51 0.00
JANIS___SOLAR 323808	38.85 -0.19 -1.89	36.30 -0.20 -1.85	28.09 -0.30 -1.15	27.66 -0.16 -1.45	29.60 -0.23 -1.58	31.64 -0.23 -0.91	34.07 -0.25 -1.99	37.67 -0.13 -2.26	44.03 -0.07 -2.46	54.30 -0.01 -2.78	61.58 -0.21 -2.94	53.04 -0.32 -3.18	44.98 -0.29 -17.38	25.83 -0.28 -1.64	21.07 -0.40 -1.40	30.41 -0.35 -1.97	31.16 -0.20 -2.18	38.36 -0.20 -2.55	57.34 0.20 -3.27	53.99 0.35 -1.17	67.74 1.04 0.00	47.35 0.68 0.00	34.99 0.39 0.00	32.47 0.49 0.00
JARVIS____ 23743	37.30 0.14 0.00	34.77 0.12 0.00	27.35 0.11 0.00	26.47 0.10 0.00	28.35 0.09 0.00	31.05 0.09 0.00	32.46 0.13 0.00	35.71 0.16 0.00	41.85 0.21 0.00	51.71 0.19 0.00	59.05 0.20 0.00	50.41 0.24 0.00	28.03 0.13 0.00	24.60 0.12 0.00	20.17 0.10 0.00	28.94 0.14 0.00	29.32 0.15 0.00	36.17 0.16 0.00	54.09 0.22 0.00	52.68 0.21 0.00	66.92 0.22 0.00	46.82 0.15 0.00	34.70 0.10 0.00	32.03 0.06 0.00
JENNISON___1 23625	36.41 -0.74 0.00	34.02 -0.63 0.00	26.52 -0.72 0.00	25.95 -0.42 0.00	27.55 -0.71 0.00	30.19 -0.77 0.00	31.50 -0.83 0.00	34.77 -0.77 0.00	40.81 -0.83 0.00	50.42 -1.11 0.00	57.61 -1.25 0.00	49.15 -1.13 -0.10	30.51 -0.73 -3.35	23.85 -0.62 0.00	19.49 -0.58 0.00	28.08 -0.71 0.00	29.78 -0.65 -1.25	36.67 -0.80 -1.46	54.96 -0.78 -1.88	52.86 -0.28 -0.67	67.65 0.95 0.00	47.38 0.71 0.00	35.09 0.49 0.00	32.43 0.46 0.00
JENNISON___2 23626	36.41 -0.74 0.00	34.02 -0.63 0.00	26.52 -0.72 0.00	25.95 -0.42 0.00	27.55 -0.71 0.00	30.19 -0.77 0.00	31.50 -0.83 0.00	34.77 -0.77 0.00	40.81 -0.83 0.00	50.42 -1.11 0.00	57.61 -1.25 0.00	49.15 -1.13 -0.10	30.51 -0.73 -3.35	23.85 -0.62 0.00	19.49 -0.58 0.00	28.08 -0.71 0.00	29.78 -0.65 -1.25	36.67 -0.80 -1.46	54.96 -0.78 -1.88	52.86 -0.28 -0.67	67.65 0.95 0.00	47.38 0.71 0.00	35.09 0.49 0.00	32.43 0.46 0.00
JERICHO_RISE_WT_PWR 323719	-23.65 -0.93 59.87	-23.82 -0.92 57.56	-23.37 -0.77 49.84	-23.32 -0.74 48.95	-19.16 -0.79 46.63	-5.28 -0.84 35.39	-1.07 -0.92 32.48	-18.57 -1.06 53.05	-24.03 -1.32 64.35	-24.53 -1.42 74.64	-24.73 -1.60 81.98	-23.88 -1.49 72.56	-23.10 -0.78 50.22	-10.96 -0.65 34.79	-23.02 -0.57 42.52	-23.23 -0.83 51.19	-23.40 -0.84 51.74	-23.78 -1.01 58.78	-24.58 -1.45 76.99	-12.73 -1.36 63.84	0.65 -1.59 64.45	-24.16 -1.01 69.82	-23.46 -0.66 57.39	-10.22 -0.55 41.64
KATONAH___115KV_46KV_TB4 355592	38.98 1.82 0.00	36.38 1.73 0.00	28.66 1.42 0.00	27.64 1.27 0.00	29.62 1.36 0.00	32.46 1.49 0.00	34.00 1.67 0.00	37.42 1.87 0.00	43.91 2.27 0.00	54.19 2.66 0.00	61.92 3.07 0.00	53.03 2.86 0.00	29.48 1.59 0.00	25.90 1.43 0.00	21.28 1.22 0.00	30.53 1.74 0.00	30.87 1.69 0.00	38.09 2.08 0.00	56.89 3.02 0.00	55.36 2.89 0.00	70.11 3.41 0.00	48.88 2.22 0.00	36.03 1.43 0.00	33.10 1.12 0.00
KCE_NY_1 323755	39.02 1.87 0.00	36.36 1.71 0.00	28.57 1.33 0.00	27.69 1.32 0.00	29.65 1.39 0.00	32.46 1.50 0.00	34.04 1.72 0.00	37.44 1.90 0.00	43.91 2.27 0.00	54.13 2.60 0.00	61.80 2.95 0.00	52.59 2.42 0.00	29.31 1.41 0.00	25.75 1.27 0.00	21.14 1.08 0.00	30.53 1.74 0.00	30.84 1.67 0.00	38.21 2.20 0.00	57.19 3.32 0.00	55.70 3.23 0.00	70.42 3.72 0.00	49.03 2.36 0.00	36.27 1.67 0.00	33.39 1.42 0.00
KCE_NY_6_ESR 323823	29.14 -3.06 4.95	27.10 -2.71 4.84	21.97 -2.27 3.00	20.57 -2.00 3.80	21.99 -2.15 4.12	26.26 -2.33 2.38	24.06 -3.05 5.22	26.24 -3.38 5.92	31.26 -3.94 6.44	39.94 -4.32 7.28	45.93 -5.22 7.71	38.23 -4.73 7.22	15.54 -2.64 9.71	17.68 -2.50 4.30	14.42 -1.97 3.68	20.90 -2.72 5.18	21.29 -2.74 5.14	26.52 -3.49 6.01	41.30 -4.86 7.71	45.00 -4.71 2.77	61.57 -5.13 0.00	43.47 -3.20 0.00	32.32 -2.28 0.00	29.93 -2.05 0.00
KEDC_PORT_JEFF_GT2 24210	39.13 1.98 0.00	36.30 1.65 0.00	28.60 1.36 0.00	27.50 1.13 0.00	29.46 1.19 0.00	32.17 1.22 0.00	33.98 1.66 0.00	37.55 2.01 0.00	44.08 2.44 0.00	54.00 2.47 0.00	60.76 1.90 0.00	52.00 1.83 0.00	29.09 1.19 0.00	25.60 1.13 0.00	21.06 0.99 0.00	30.27 1.48 0.00	30.76 1.59 0.00	38.16 2.15 0.00	57.15 3.28 0.00	55.83 3.35 0.00	70.21 3.51 0.00	49.39 2.72 0.00	36.19 1.59 0.00	33.24 1.26 0.00
KEDC_PORT_JEFF_GT3 24211	39.13 1.98 0.00	36.30 1.65 0.00	28.60 1.36 0.00	27.50 1.13 0.00	29.46 1.19 0.00	32.17 1.22 0.00	33.98 1.66 0.00	37.55 2.01 0.00	44.08 2.44 0.00	54.00 2.47 0.00	60.76 1.90 0.00	52.00 1.83 0.00	29.09 1.19 0.00	25.60 1.13 0.00	21.06 0.99 0.00	30.27 1.48 0.00	30.76 1.59 0.00	38.16 2.15 0.00	57.15 3.28 0.00	55.83 3.35 0.00	70.21 3.51 0.00	49.39 2.72 0.00	36.19 1.59 0.00	33.24 1.26 0.00
KEDC_GLWD_GT4 24219	39.19 2.04 0.00	36.52 1.87 0.00	28.76 1.52 0.00	27.68 1.31 0.00	29.66 1.40 0.00	32.44 1.48 0.00	34.08 1.75 0.00	37.51 1.97 0.00	44.05 2.41 0.00	54.23 2.70 0.00	61.68 2.83 0.00	52.91 2.74 0.00	29.52 1.62 0.00	25.96 1.49 0.00	21.34 1.27 0.00	30.66 1.87 0.00	31.05 1.88 0.00	38.37 2.35 0.00	57.32 3.45 0.00	55.84 3.36 0.00	70.44 3.74 0.00	49.33 2.66 0.00	36.24 1.63 0.00	33.29 1.31 0.00
KEDC_GLWD_GT5 24220	39.19 2.04 0.00	36.52 1.87 0.00	28.76 1.52 0.00	27.68 1.31 0.00	29.66 1.40 0.00	32.44 1.48 0.00	34.08 1.75 0.00	37.51 1.97 0.00	44.05 2.41 0.00	54.23 2.70 0.00	61.68 2.83 0.00	52.91 2.74 0.00	29.52 1.62 0.00	25.96 1.49 0.00	21.34 1.27 0.00	30.66 1.87 0.00	31.05 1.88 0.00	38.37 2.35 0.00	57.32 3.45 0.00	55.84 3.36 0.00	70.44 3.74 0.00	49.33 2.66 0.00	36.24 1.63 0.00	33.29 1.31 0.00

KENSICO____ 23655	38.82 1.67 0.00	36.25 1.60 0.00	28.56 1.33 0.00	27.54 1.17 0.00	29.52 1.26 0.00	32.34 1.37 0.00	33.86 1.53 0.00	37.26 1.72 0.00	43.72 2.07 0.00	53.91 2.38 0.00	61.57 2.72 0.00	52.77 2.60 0.00	29.35 1.45 0.00	25.79 1.31 0.00	21.20 1.13 0.00	30.40 1.61 0.00	30.72 1.55 0.00	37.90 1.89 0.00	56.61 2.74 0.00	55.08 2.61 0.00	69.76 3.06 0.00	48.66 1.99 0.00	35.88 1.28 0.00	32.97 0.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.87 1.71 0.00	36.25 1.60 0.00	28.54 1.30 0.00	27.54 1.17 0.00	29.53 1.27 0.00	32.39 1.43 0.00	33.91 1.58 0.00	37.34 1.80 0.00	43.85 2.21 0.00	54.18 2.65 0.00	61.95 3.10 0.00	53.07 2.90 0.00	29.47 1.57 0.00	25.86 1.38 0.00	21.23 1.16 0.00	30.46 1.67 0.00	30.73 1.55 0.00	38.02 2.01 0.00	56.83 2.96 0.00	55.36 2.89 0.00	70.18 3.49 0.00	48.91 2.24 0.00	36.05 1.45 0.00	33.11 1.13 0.00
KIAC_JFK_GT1 23816	39.22 2.07 0.00	36.62 1.97 0.00	28.94 1.70 0.00	27.86 1.49 0.00	29.85 1.59 0.00	32.72 1.76 0.00	34.23 1.90 0.00	37.53 1.99 0.00	44.09 2.45 0.00	54.31 2.78 0.00	61.92 3.06 0.00	53.07 2.90 0.00	29.51 1.62 0.00	25.94 1.46 0.00	21.35 1.28 0.00	30.64 1.85 0.00	30.87 1.69 0.00	37.93 1.92 0.00	56.64 2.77 0.00	55.07 2.60 0.00	69.83 3.13 0.00	48.59 1.92 0.00	35.94 1.34 0.00	33.28 1.31 0.00
KIAC_JFK_GT2 23817	39.22 2.07 0.00	36.62 1.97 0.00	28.94 1.70 0.00	27.86 1.49 0.00	29.85 1.59 0.00	32.72 1.76 0.00	34.23 1.90 0.00	37.53 1.99 0.00	44.09 2.45 0.00	54.31 2.78 0.00	61.92 3.06 0.00	53.07 2.90 0.00	29.51 1.62 0.00	25.94 1.46 0.00	21.35 1.28 0.00	30.64 1.85 0.00	30.87 1.69 0.00	37.93 1.92 0.00	56.64 2.77 0.00	55.07 2.60 0.00	69.83 3.13 0.00	48.59 1.92 0.00	35.94 1.34 0.00	33.28 1.31 0.00
KIAC_JFK____ 323774	39.22 2.07 0.00	36.61 1.96 0.00	28.94 1.70 0.00	27.85 1.48 0.00	29.85 1.59 0.00	32.71 1.75 0.00	34.22 1.89 0.00	37.51 1.97 0.00	44.06 2.42 0.00	54.30 2.77 0.00	61.90 3.05 0.00	53.06 2.88 0.00	29.51 1.61 0.00	25.93 1.45 0.00	21.34 1.28 0.00	30.64 1.85 0.00	30.86 1.69 0.00	37.92 1.91 0.00	56.62 2.75 0.00	55.07 2.60 0.00	69.82 3.12 0.00	48.59 1.93 0.00	35.94 1.34 0.00	33.29 1.31 0.00
KINTIGH____ 23543	29.37 -3.26 4.52	27.34 -2.88 4.43	22.15 -2.35 2.74	20.76 -2.13 3.47	22.21 -2.28 3.77	26.29 -2.50 2.17	24.39 -3.17 4.77	26.55 -3.58 5.41	31.61 -4.14 5.88	40.17 -4.71 6.65	46.24 -5.57 7.04	38.55 -5.06 6.56	17.28 -2.82 7.80	17.94 -2.61 3.93	14.58 -2.13 3.36	21.15 -2.91 4.73	21.36 -2.94 4.87	26.69 -3.63 5.69	41.41 -5.15 7.31	44.83 -5.02 2.62	60.99 -5.70 0.00	43.02 -3.65 0.00	32.00 -2.61 0.00	29.65 -2.33 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-20.74 -0.76 57.12	-20.95 -0.68 54.91	-20.96 -0.64 47.55	-20.93 -0.59 46.70	-16.88 -0.65 44.49	-3.49 -0.68 33.77	0.52 -0.82 30.99	-15.96 -0.88 50.62	-20.81 -1.05 61.40	-20.75 -1.07 71.21	-20.61 -1.25 78.22	-20.42 -1.36 69.23	-20.75 -0.74 47.91	-9.34 -0.63 33.19	-20.95 -0.45 40.57	-20.77 -0.72 48.84	-20.87 -0.69 49.36	-20.83 -0.76 56.08	-20.63 -1.05 73.45	-9.48 -1.04 60.91	3.89 -1.32 61.49	-20.68 -0.73 66.62	-20.69 -0.53 54.76	-8.32 -0.56 39.73
LACHUTE__HYDRO 323717	40.62 3.47 0.00	37.62 2.97 0.00	29.39 2.15 0.00	28.42 2.05 0.00	30.62 2.36 0.00	33.48 2.51 0.00	35.29 2.96 0.00	38.95 3.41 0.00	45.67 4.03 0.00	55.73 4.20 0.00	63.30 4.45 0.00	53.43 3.26 0.00	29.98 2.08 0.00	26.52 2.04 0.00	21.94 1.87 0.00	31.87 3.08 0.00	32.25 3.07 0.00	40.18 4.17 0.00	60.12 6.26 0.00	58.61 6.13 0.00	72.70 6.01 0.00	50.46 3.79 0.00	37.41 2.80 0.00	34.39 2.41 0.00
LAWRNCV_115KV_TB1 80681	44.26 -0.16 -7.26	41.41 -0.23 -6.98	33.02 -0.27 -6.04	32.07 -0.23 -5.94	33.67 -0.24 -5.66	35.01 -0.24 -4.29	35.97 -0.30 -3.94	41.59 -0.39 -6.44	48.95 -0.50 -7.81	60.21 -0.38 -9.05	68.36 -0.43 -9.94	58.46 -0.51 -8.80	33.72 -0.26 -6.09	28.57 -0.13 -4.22	25.02 -0.20 -5.16	34.67 -0.33 -6.21	35.17 -0.28 -6.27	42.85 -0.30 -7.14	62.94 -0.27 -9.34	59.91 -0.31 -7.75	74.33 -0.19 -7.82	55.31 0.17 -8.48	41.79 0.22 -6.97	37.31 0.28 -5.06
LEDERLE____ 23769	38.65 1.49 0.00	36.06 1.41 0.00	28.41 1.17 0.00	27.37 1.00 0.00	29.35 1.09 0.00	32.17 1.22 0.00	33.69 1.36 0.00	37.10 1.56 0.00	43.53 1.89 0.00	53.74 2.21 0.00	61.45 2.60 0.00	52.65 2.47 0.00	29.26 1.36 0.00	25.70 1.23 0.00	21.12 1.05 0.00	30.26 1.47 0.00	30.59 1.42 0.00	37.73 1.72 0.00	56.34 2.47 0.00	54.86 2.39 0.00	69.51 2.82 0.00	48.48 1.81 0.00	35.74 1.14 0.00	32.84 0.86 0.00
LIGHTRSE_115KV_TB6 355974	35.69 -1.46 0.00	33.25 -1.40 0.00	26.07 -1.17 0.00	25.27 -1.10 0.00	27.05 -1.21 0.00	29.65 -1.31 0.00	30.94 -1.38 0.00	34.08 -1.46 0.00	40.00 -1.64 0.00	49.64 -1.89 0.00	56.80 -2.05 0.00	48.34 -1.83 0.00	26.85 -1.05 0.00	23.63 -0.84 0.00	19.31 -0.76 0.00	27.66 -1.13 0.00	28.11 -1.07 0.00	34.66 -1.36 0.00	52.09 -1.78 0.00	50.56 -1.92 0.00	64.59 -2.10 0.00	45.39 -1.28 0.00	33.66 -0.94 0.00	31.33 -0.64 0.00
LINDEN COGEN____ 23786	38.79 1.64 0.00	36.25 1.60 0.00	28.59 1.36 0.00	27.54 1.18 0.00	29.51 1.25 0.00	32.34 1.37 0.00	33.86 1.54 0.00	37.28 1.73 0.00	43.73 2.09 0.00	53.89 2.36 0.00	61.54 2.69 0.00	52.80 2.63 0.00	29.39 1.49 0.00	25.83 1.36 0.00	21.25 1.17 0.00	30.43 1.64 0.00	30.72 1.54 0.00	37.88 1.87 0.00	56.53 2.66 0.00	54.99 2.51 0.00	69.67 2.97 0.00	48.59 1.92 0.00	35.85 1.25 0.00	32.94 0.97 0.00
LINDHRST_69_KV_BK1 356055	39.38 2.23 0.00	36.64 1.99 0.00	28.85 1.61 0.00	27.74 1.37 0.00	29.71 1.45 0.00	32.48 1.52 0.00	34.21 1.88 0.00	37.68 2.14 0.00	44.25 2.61 0.00	54.39 2.86 0.00	61.67 2.81 0.00	52.82 2.65 0.00	29.49 1.59 0.00	25.98 1.51 0.00	21.35 1.28 0.00	30.70 1.91 0.00	31.16 1.98 0.00	38.57 2.55 0.00	57.68 3.81 0.00	56.22 3.75 0.00	70.79 4.10 0.00	49.67 3.00 0.00	36.42 1.82 0.00	33.45 1.48 0.00
LIPA_MISC_IPP 23656	38.92 1.76 0.00	36.02 1.36 0.00	28.40 1.16 0.00	27.31 0.94 0.00	29.25 0.98 0.00	31.95 0.98 0.00	33.82 1.50 0.00	37.48 1.93 0.00	43.99 2.35 0.00	53.66 2.13 0.00	59.77 1.13 0.21	27.42 1.08 23.83	28.53 0.78 0.15	25.26 0.79 0.00	20.77 0.71 0.00	29.83 1.04 0.00	30.35 1.17 0.00	37.69 1.68 0.00	56.54 2.67 0.00	55.27 2.80 0.00	69.55 2.85 0.00	49.07 2.40 0.00	35.94 1.35 0.00	33.00 1.02 0.00
LISF__SOLAR 323691	38.96 1.81 0.00	36.05 1.40 0.00	28.42 1.18 0.00	27.33 0.96 0.00	29.27 1.01 0.00	31.96 1.00 0.00	33.86 1.53 0.00	37.53 1.99 0.00	44.05 2.41 0.00	53.69 2.16 0.00	59.67 1.10 0.28	19.65 1.03 31.55	28.47 0.78 0.20	25.25 0.77 0.00	20.76 0.69 0.00	29.82 1.03 0.00	30.36 1.18 0.00	37.75 1.73 0.00	56.62 2.75 0.00	55.36 2.88 0.00	69.68 2.98 0.00	49.16 2.49 0.00	36.00 1.40 0.00	33.06 1.08 0.00

LITTLE FALLS___HYD 24013	37.60 0.45 0.00	35.03 0.38 0.00	27.53 0.29 0.00	26.62 0.25 0.00	28.48 0.22 0.00	31.16 0.20 0.00	32.66 0.34 0.00	36.00 0.45 0.00	42.22 0.57 0.00	51.92 0.38 0.00	59.13 0.28 0.00	50.66 0.49 0.00	28.16 0.27 0.00	24.65 0.18 0.00	20.26 0.19 0.00	29.12 0.33 0.00	29.51 0.34 0.00	36.45 0.44 0.00	54.25 0.38 0.00	53.00 0.52 0.00	66.90 0.20 0.00	46.68 0.01 0.00	34.44 -0.16 0.00	31.53 -0.45 0.00
LITTLRIV_115KV_TB1 356100	45.52 0.38 -7.99	42.60 0.27 -7.68	34.01 0.12 -6.65	33.05 0.15 -6.53	34.65 0.17 -6.22	35.90 0.22 -4.72	36.85 0.19 -4.33	42.77 0.15 -7.08	50.42 0.19 -8.58	61.97 0.49 -9.95	70.30 0.51 -10.93	60.15 0.30 -9.68	34.76 0.16 -6.70	29.36 0.24 -4.64	25.78 0.04 -5.67	35.68 0.06 -6.83	36.26 0.19 -6.90	44.19 0.33 -7.85	64.84 0.70 -10.28	61.66 0.67 -8.52	76.34 1.04 -8.60	57.00 1.01 -9.32	43.09 0.83 -7.66	38.36 0.82 -5.56
LI_NEWBRDGE___DRP 323616	38.90 1.75 0.00	36.26 1.60 0.00	28.56 1.33 0.00	27.49 1.12 0.00	29.44 1.18 0.00	32.19 1.24 0.00	33.84 1.52 0.00	37.25 1.70 0.00	43.74 2.10 0.00	53.82 2.29 0.00	61.18 2.32 0.00	52.48 2.30 0.00	29.26 1.37 0.00	25.74 1.27 0.00	21.16 1.10 0.00	30.40 1.61 0.00	30.80 1.62 0.00	38.07 2.06 0.00	56.86 3.00 0.00	55.38 2.91 0.00	69.84 3.15 0.00	48.93 2.27 0.00	35.95 1.35 0.00	33.04 1.07 0.00
LOCKPORT_115KV_TB60_63_64 80432	26.61 -3.78 6.76	24.62 -3.43 6.61	20.34 -2.81 4.09	18.65 -2.54 5.19	19.91 -2.72 5.63	24.76 -2.96 3.24	21.42 -3.79 7.12	23.16 -4.30 8.08	27.86 -4.99 8.79	35.95 -5.65 9.92	41.68 -6.66 10.51	34.40 -6.03 9.75	14.42 -3.24 10.24	15.48 -3.13 5.86	12.54 -2.52 5.02	18.36 -3.38 7.05	18.74 -3.42 7.01	23.47 -4.35 8.19	37.17 -6.18 10.52	42.78 -5.91 3.78	60.03 -6.67 0.00	42.39 -4.28 0.00	31.56 -3.04 0.00	29.27 -2.70 0.00
LOCKPORT___CC1 323769	25.30 -3.78 8.08	23.33 -3.42 7.90	19.54 -2.80 4.89	17.65 -2.52 6.20	18.83 -2.70 6.73	24.13 -2.95 3.87	20.07 -3.75 8.51	21.67 -4.21 9.66	26.24 -4.90 10.51	34.14 -5.53 11.86	39.72 -6.57 12.55	32.66 -5.90 11.61	13.31 -3.28 11.31	14.39 -3.09 7.00	11.60 -2.48 5.99	17.04 -3.33 8.42	17.51 -3.37 8.29	22.05 -4.28 9.69	35.35 -6.09 12.44	42.12 -5.89 4.46	60.02 -6.67 0.00	42.38 -4.29 0.00	31.54 -3.07 0.00	29.25 -2.72 0.00
LOCKPORT___CC2 323770	25.30 -3.78 8.08	23.33 -3.42 7.90	19.54 -2.80 4.89	17.65 -2.52 6.20	18.83 -2.70 6.73	24.13 -2.95 3.87	20.07 -3.75 8.51	21.67 -4.21 9.66	26.24 -4.90 10.51	34.14 -5.53 11.86	39.72 -6.57 12.55	32.66 -5.90 11.61	13.31 -3.28 11.31	14.39 -3.09 7.00	11.60 -2.48 5.99	17.04 -3.33 8.42	17.51 -3.37 8.29	22.05 -4.28 9.69	35.35 -6.09 12.44	42.12 -5.89 4.46	60.02 -6.67 0.00	42.38 -4.29 0.00	31.54 -3.07 0.00	29.25 -2.72 0.00
LOCKPORT___CC3 323771	25.30 -3.78 8.08	23.33 -3.42 7.90	19.54 -2.80 4.89	17.65 -2.52 6.20	18.83 -2.70 6.73	24.13 -2.95 3.87	20.07 -3.75 8.51	21.67 -4.21 9.66	26.24 -4.90 10.51	34.14 -5.53 11.86	39.72 -6.57 12.55	32.66 -5.90 11.61	13.31 -3.28 11.31	14.39 -3.09 7.00	11.60 -2.48 5.99	17.04 -3.33 8.42	17.51 -3.37 8.29	22.05 -4.28 9.69	35.35 -6.09 12.44	42.12 -5.89 4.46	60.02 -6.67 0.00	42.38 -4.29 0.00	31.54 -3.07 0.00	29.25 -2.72 0.00
LONG_LAKE_PHOENIX 24014	35.89 -1.27 0.00	33.47 -1.18 0.00	26.28 -0.96 0.00	25.47 -0.90 0.00	27.31 -0.95 0.00	29.92 -1.04 0.00	31.20 -1.12 0.00	34.35 -1.19 0.00	40.27 -1.37 0.00	49.91 -1.62 0.00	57.01 -1.84 0.00	48.55 -1.62 0.00	26.97 -0.93 0.00	23.64 -0.83 0.00	19.35 -0.72 0.00	27.79 -1.00 0.00	28.20 -0.98 0.00	34.79 -1.22 0.00	52.05 -1.81 0.00	50.73 -1.74 0.00	64.57 -2.12 0.00	45.19 -1.48 0.00	33.49 -1.11 0.00	31.07 -0.90 0.00
LOVETT___3 23632	38.51 1.36 0.00	35.95 1.30 0.00	28.32 1.08 0.00	27.29 0.92 0.00	29.27 1.01 0.00	32.07 1.11 0.00	33.59 1.26 0.00	36.97 1.43 0.00	43.37 1.73 0.00	53.51 1.98 0.00	61.16 2.31 0.00	52.40 2.23 0.00	29.13 1.23 0.00	25.59 1.11 0.00	21.03 0.97 0.00	30.14 1.35 0.00	30.47 1.29 0.00	37.57 1.56 0.00	56.11 2.24 0.00	54.61 2.14 0.00	69.18 2.49 0.00	48.25 1.59 0.00	35.59 0.99 0.00	32.71 0.73 0.00
LOVETT___4 23642	38.51 1.36 0.00	35.95 1.30 0.00	28.32 1.08 0.00	27.29 0.92 0.00	29.27 1.01 0.00	32.07 1.11 0.00	33.59 1.26 0.00	36.97 1.43 0.00	43.37 1.73 0.00	53.51 1.98 0.00	61.16 2.31 0.00	52.40 2.23 0.00	29.13 1.23 0.00	25.59 1.11 0.00	21.03 0.97 0.00	30.14 1.35 0.00	30.47 1.29 0.00	37.57 1.56 0.00	56.11 2.24 0.00	54.61 2.14 0.00	69.18 2.49 0.00	48.25 1.59 0.00	35.59 0.99 0.00	32.71 0.73 0.00
LOVETT___5 23593	38.51 1.36 0.00	35.95 1.30 0.00	28.32 1.08 0.00	27.29 0.92 0.00	29.27 1.01 0.00	32.07 1.11 0.00	33.59 1.26 0.00	36.97 1.43 0.00	43.37 1.73 0.00	53.51 1.98 0.00	61.16 2.31 0.00	52.40 2.23 0.00	29.13 1.23 0.00	25.59 1.11 0.00	21.03 0.97 0.00	30.14 1.35 0.00	30.47 1.29 0.00	37.57 1.56 0.00	56.11 2.24 0.00	54.61 2.14 0.00	69.18 2.49 0.00	48.25 1.59 0.00	35.59 0.99 0.00	32.71 0.73 0.00
LOWER RAQUET___HYD 24057	45.52 -0.29 -8.67	42.62 -0.36 -8.33	34.08 -0.37 -7.21	33.12 -0.34 -7.09	34.65 -0.36 -6.75	35.72 -0.36 -5.12	36.61 -0.42 -4.70	42.69 -0.53 -7.68	50.30 -0.66 -9.32	61.77 -0.57 -10.80	70.07 -0.65 -11.87	59.98 -0.70 -10.50	34.79 -0.37 -7.27	29.31 -0.20 -5.04	25.94 -0.28 -6.15	35.75 -0.45 -7.41	36.27 -0.40 -7.49	44.10 -0.43 -8.51	64.58 -0.44 -11.15	61.24 -0.48 -9.25	75.67 -0.37 -9.34	56.85 0.07 -10.11	43.07 0.15 -8.31	38.23 0.22 -6.03
LOWER___HUDSON 24059	38.50 1.35 0.00	35.88 1.23 0.00	28.25 1.01 0.00	27.30 0.93 0.00	29.28 1.02 0.00	32.04 1.07 0.00	33.58 1.25 0.00	36.91 1.37 0.00	43.26 1.62 0.00	53.24 1.72 0.00	60.80 1.95 0.00	51.85 1.68 0.00	28.87 0.98 0.00	25.31 0.83 0.00	20.81 0.74 0.00	29.95 1.15 0.00	30.30 1.12 0.00	37.43 1.42 0.00	55.83 1.96 0.00	54.41 1.94 0.00	68.82 2.12 0.00	47.99 1.32 0.00	35.55 0.95 0.00	32.69 0.71 0.00
LOWVILLE_115KV_TB2 356335	38.63 -1.04 -2.53	35.86 -1.23 -2.43	28.26 -1.08 -2.10	27.42 -1.01 -2.07	29.09 -1.14 -1.97	31.23 -1.22 -1.49	32.47 -1.22 -1.37	36.51 -1.28 -2.24	42.93 -1.43 -2.71	53.05 -1.63 -3.15	60.48 -1.83 -3.46	51.62 -1.61 -3.06	29.05 -0.96 -2.12	25.88 -0.06 -1.47	21.36 -0.50 -1.79	29.90 -1.06 -2.16	30.41 -0.95 -2.18	37.37 -1.14 -2.50	56.01 -1.13 -3.27	53.74 -1.45 -2.71	68.22 -1.22 -2.74	49.39 -0.25 -2.97	36.94 -0.10 -2.44	33.91 0.17 -1.77
LUTHERFT_115KV_GLOB_FND_222 355753	39.00 1.85 0.00	36.34 1.69 0.00	28.58 1.34 0.00	27.65 1.28 0.00	29.65 1.38 0.00	32.46 1.50 0.00	34.02 1.70 0.00	37.42 1.88 0.00	43.87 2.23 0.00	54.06 2.53 0.00	61.68 2.82 0.00	52.59 2.42 0.00	29.31 1.41 0.00	25.74 1.26 0.00	21.14 1.08 0.00	30.52 1.73 0.00	30.86 1.68 0.00	38.20 2.19 0.00	57.10 3.23 0.00	55.64 3.17 0.00	70.33 3.63 0.00	49.01 2.35 0.00	36.26 1.66 0.00	33.36 1.38 0.00

LUTHERNY_35_KV_BK2 355980	39.02 1.87 0.00	36.36 1.71 0.00	28.57 1.33 0.00	27.69 1.32 0.00	29.66 1.40 0.00	32.46 1.50 0.00	34.05 1.72 0.00	37.44 1.90 0.00	43.91 2.27 0.00	54.15 2.62 0.00	61.81 2.96 0.00	52.60 2.43 0.00	29.31 1.41 0.00	25.75 1.28 0.00	21.14 1.08 0.00	30.53 1.74 0.00	30.85 1.67 0.00	38.21 2.20 0.00	57.19 3.32 0.00	55.70 3.23 0.00	70.42 3.73 0.00	49.03 2.36 0.00	36.27 1.67 0.00	33.39 1.42 0.00
LWR___OSWEGATCHIE_HYD 23850	42.12 -0.94 -5.90	39.29 -1.03 -5.67	31.23 -0.92 -4.91	30.29 -0.90 -4.83	31.87 -0.99 -4.60	33.35 -1.10 -3.49	34.40 -1.13 -3.20	39.53 -1.25 -5.23	46.54 -1.44 -6.35	57.31 -1.57 -7.36	65.14 -1.80 -8.08	55.69 -1.64 -7.16	31.91 -0.94 -4.95	27.44 -0.46 -3.43	23.65 -0.61 -4.19	32.79 -1.05 -5.05	33.30 -0.98 -5.10	40.65 -1.17 -5.80	60.11 -1.36 -7.60	57.26 -1.52 -6.31	71.56 -1.50 -6.37	52.96 -0.61 -6.90	39.88 -0.39 -5.67	35.92 -0.17 -4.11
LYONS_FALL_HYD 23570	38.39 -0.46 -1.70	35.70 -0.59 -1.64	28.11 -0.55 -1.42	27.26 -0.50 -1.39	29.01 -0.58 -1.33	31.35 -0.61 -1.01	32.67 -0.59 -0.92	36.47 -0.58 -1.51	42.86 -0.61 -1.83	52.99 -0.66 -2.12	60.47 -0.71 -2.33	51.63 -0.61 -2.06	28.92 -0.40 -1.43	25.62 0.15 -0.99	21.11 -0.17 -1.21	29.80 -0.45 -1.46	30.27 -0.38 -1.47	37.30 -0.41 -1.69	55.84 -0.25 -2.22	53.87 -0.45 -1.84	68.34 -0.22 -1.86	48.91 0.22 -2.02	36.46 0.20 -1.66	33.52 0.34 -1.20
MADISON___COUNTY_LFGE 323628	37.38 0.23 0.00	34.82 0.17 0.00	27.34 0.10 0.00	26.48 0.10 0.00	28.37 0.10 0.00	31.11 0.15 0.00	32.53 0.20 0.00	35.85 0.30 0.00	42.07 0.43 0.00	52.09 0.56 0.00	59.55 0.70 0.00	50.80 0.62 0.00	28.15 0.26 0.00	24.80 0.33 0.00	20.24 0.17 0.00	29.03 0.24 0.00	29.47 0.30 0.00	36.58 0.57 0.00	54.94 1.07 0.00	53.50 1.03 0.00	68.03 1.33 0.00	47.69 1.02 0.00	35.32 0.72 0.00	32.67 0.69 0.00
MALONE___115KV_TB1 356076	73.82 -0.49 -37.15	69.83 -0.54 -35.72	57.65 -0.52 -30.93	56.28 -0.47 -30.38	56.69 -0.51 -28.94	52.39 -0.53 -21.96	51.92 -0.56 -20.16	67.88 -0.59 -32.92	80.81 -0.76 -39.93	97.14 -0.71 -46.32	108.95 -0.77 -50.87	94.36 -0.84 -45.03	58.61 -0.45 -31.16	45.74 -0.32 -21.58	46.12 -0.33 -26.38	60.05 -0.50 -31.76	60.81 -0.47 -32.10	71.97 -0.52 -36.48	100.98 -0.67 -47.78	91.52 -0.57 -39.61	106.18 -0.51 -40.00	89.76 -0.24 -43.33	70.11 -0.11 -35.62	57.75 -0.07 -25.84
MAPLEWOD_115KV_TB3 80458	38.54 1.38 0.00	35.95 1.30 0.00	28.32 1.08 0.00	27.36 0.99 0.00	29.32 1.06 0.00	32.09 1.13 0.00	33.60 1.28 0.00	36.94 1.40 0.00	43.29 1.65 0.00	53.30 1.77 0.00	60.86 2.01 0.00	51.99 1.82 0.00	28.92 1.03 0.00	25.28 0.80 0.00	20.80 0.73 0.00	29.84 1.04 0.00	30.21 1.03 0.00	37.24 1.23 0.00	55.52 1.65 0.00	54.09 1.62 0.00	68.50 1.80 0.00	47.76 1.10 0.00	35.41 0.81 0.00	32.57 0.60 0.00
MAPLE_RIDGE_WT_1 323574	36.16 -1.00 0.00	33.72 -0.93 0.00	26.52 -0.73 0.00	25.68 -0.69 0.00	27.48 -0.78 0.00	30.11 -0.85 0.00	31.44 -0.89 0.00	34.55 -1.00 0.00	40.45 -1.19 0.00	50.11 -1.42 0.00	57.22 -1.63 0.00	48.77 -1.40 0.00	27.14 -0.75 0.00	23.88 -0.60 0.00	19.54 -0.53 0.00	28.03 -0.77 0.00	28.41 -0.77 0.00	35.12 -0.90 0.00	52.57 -1.30 0.00	51.10 -1.37 0.00	65.30 -1.40 0.00	46.15 -0.52 0.00	34.45 -0.15 0.00	31.87 -0.11 0.00
MAPLE_RIDGE_WT_2 323611	36.16 -1.00 0.00	33.72 -0.93 0.00	26.52 -0.73 0.00	25.68 -0.69 0.00	27.48 -0.78 0.00	30.11 -0.85 0.00	31.44 -0.89 0.00	34.55 -1.00 0.00	40.45 -1.19 0.00	50.11 -1.42 0.00	57.22 -1.63 0.00	48.77 -1.40 0.00	27.14 -0.75 0.00	23.88 -0.60 0.00	19.54 -0.53 0.00	28.03 -0.77 0.00	28.41 -0.77 0.00	35.12 -0.90 0.00	52.57 -1.30 0.00	51.10 -1.37 0.00	65.30 -1.40 0.00	46.15 -0.52 0.00	34.45 -0.15 0.00	31.87 -0.11 0.00
MARBLE_RIVER_WT_PWR 323696	-21.00 -1.54 56.61	-21.00 -1.24 54.42	-21.00 -1.11 47.12	-21.00 -1.08 46.29	-17.03 -1.20 44.09	-3.92 -1.42 33.46	-0.02 -1.64 30.71	-16.25 -1.63 50.16	-21.00 -1.80 60.84	-21.00 -1.96 70.57	-21.00 -2.34 77.51	-21.00 -2.57 68.61	-21.00 -1.42 47.48	-9.68 -1.26 32.89	-21.00 -0.87 40.20	-21.00 -1.40 48.40	-21.00 -1.26 48.92	-21.00 -1.44 55.58	-21.00 -2.08 72.79	-10.11 -2.23 60.36	2.69 -3.06 60.94	-21.00 -1.65 66.02	-21.00 -1.33 54.26	-8.78 -1.38 39.37
MARSHVLE_115KV_TB1 80742	38.21 1.06 0.00	35.66 1.01 0.00	27.99 0.75 0.00	27.06 0.69 0.00	28.96 0.70 0.00	31.75 0.79 0.00	33.13 0.80 0.00	36.41 0.87 0.00	42.72 1.08 0.00	52.77 1.24 0.00	60.30 1.45 0.00	51.62 1.45 0.00	28.70 0.80 0.00	25.27 0.79 0.00	20.64 0.57 0.00	29.69 0.90 0.00	30.18 1.00 0.00	37.40 1.38 0.00	56.37 2.50 0.00	54.97 2.50 0.00	70.17 3.47 0.00	49.30 2.63 0.00	36.57 1.97 0.00	33.87 1.89 0.00
MARSH_HILL_WT_PWR 323713	59.94 -4.69 -27.48	57.48 -4.06 -26.88	40.42 -3.46 -16.64	44.30 -3.17 -21.09	47.99 -3.16 -22.89	40.34 -3.80 -13.18	57.27 -4.01 -28.95	64.15 -4.27 -32.88	72.33 -5.05 -35.74	85.61 -6.20 -40.29	94.25 -7.20 -42.59	82.01 -6.43 -38.26	27.92 -3.67 -3.69	45.13 -3.06 -23.71	37.74 -2.62 -20.30	54.18 -3.16 -28.55	53.42 -3.32 -27.57	64.01 -4.19 -32.19	89.95 -5.25 -41.32	63.51 -3.79 -14.83	63.37 -3.33 0.00	44.47 -2.19 0.00	31.87 -2.73 0.00	30.19 -1.79 0.00
MCINTYRE_115KV_TB2 80467	44.86 0.81 -6.89	41.96 0.68 -6.63	33.42 0.44 -5.74	32.46 0.46 -5.64	34.13 0.50 -5.37	35.63 0.60 -4.08	36.64 0.58 -3.74	42.22 0.57 -6.11	49.71 0.66 -7.41	61.17 1.05 -8.59	69.50 1.22 -9.44	59.44 0.92 -8.35	34.17 0.49 -5.78	28.97 0.49 -4.00	25.19 0.23 -4.89	35.03 0.34 -5.89	35.66 0.53 -5.96	43.56 0.78 -6.77	64.09 1.36 -8.87	61.11 1.29 -7.35	75.94 1.81 -7.42	56.19 1.48 -8.04	42.37 1.16 -6.61	37.91 1.13 -4.80
MECO_____69_KV_BK1 80468	38.92 1.77 0.00	36.29 1.64 0.00	28.50 1.26 0.00	27.56 1.19 0.00	29.52 1.26 0.00	32.35 1.39 0.00	33.82 1.50 0.00	37.21 1.66 0.00	43.61 1.97 0.00	53.79 2.26 0.00	61.35 2.50 0.00	52.67 2.49 0.00	29.26 1.37 0.00	25.75 1.27 0.00	21.05 0.99 0.00	30.34 1.55 0.00	30.86 1.68 0.00	38.22 2.21 0.00	57.53 3.66 0.00	56.13 3.66 0.00	71.41 4.72 0.00	49.96 3.29 0.00	36.96 2.36 0.00	34.09 2.12 0.00
MENANDS___115KV_TB5 355628	38.48 1.32 0.00	35.90 1.25 0.00	28.28 1.04 0.00	27.33 0.96 0.00	29.29 1.03 0.00	32.05 1.09 0.00	33.56 1.23 0.00	36.88 1.34 0.00	43.22 1.58 0.00	53.20 1.67 0.00	60.75 1.90 0.00	51.89 1.71 0.00	28.85 0.96 0.00	25.19 0.71 0.00	20.72 0.66 0.00	29.71 0.92 0.00	30.07 0.89 0.00	37.05 1.04 0.00	55.20 1.33 0.00	53.78 1.30 0.00	68.08 1.38 0.00	47.49 0.82 0.00	35.23 0.63 0.00	32.40 0.42 0.00
MG INDUSTRY___DRP 24185	38.42 1.27 0.00	35.84 1.19 0.00	28.22 0.98 0.00	27.31 0.93 0.00	29.25 0.99 0.00	32.00 1.04 0.00	33.48 1.15 0.00	36.80 1.26 0.00	43.10 1.46 0.00	53.09 1.56 0.00	60.60 1.75 0.00	51.72 1.55 0.00	28.76 0.87 0.00	25.14 0.66 0.00	20.67 0.60 0.00	29.64 0.85 0.00	30.02 0.84 0.00	37.03 1.01 0.00	55.18 1.32 0.00	53.79 1.32 0.00	68.16 1.47 0.00	47.59 0.93 0.00	35.28 0.68 0.00	32.49 0.52 0.00

MID___OSWEGATCHIE_HYD 23849	42.12 -0.94 -5.90	39.29 -1.03 -5.67	31.23 -0.92 -4.91	30.29 -0.90 -4.83	31.87 -0.99 -4.60	33.35 -1.10 -3.49	34.40 -1.13 -3.20	39.53 -1.25 -5.23	46.54 -1.44 -6.35	57.31 -1.57 -7.36	65.14 -1.80 -8.08	55.69 -1.64 -7.16	31.91 -0.94 -4.95	27.44 -0.46 -3.43	23.65 -0.61 -4.19	32.79 -1.05 -5.05	33.30 -0.98 -5.10	40.65 -1.17 -5.80	60.11 -1.36 -7.60	57.26 -1.52 -6.31	71.56 -1.50 -6.37	52.96 -0.61 -6.90	39.88 -0.39 -5.67	35.92 -0.17 -4.11
MID___RAQUETTE_HYD 23851	45.53 -0.29 -8.67	42.62 -0.36 -8.33	34.08 -0.37 -7.21	33.12 -0.34 -7.09	34.65 -0.36 -6.75	35.72 -0.36 -5.12	36.61 -0.42 -4.70	42.70 -0.52 -7.68	50.31 -0.65 -9.32	61.79 -0.55 -10.80	70.07 -0.65 -11.87	60.00 -0.68 -10.50	34.80 -0.37 -7.27	29.31 -0.20 -5.04	25.95 -0.28 -6.15	35.76 -0.45 -7.41	36.27 -0.39 -7.49	44.11 -0.42 -8.51	64.59 -0.44 -11.15	61.25 -0.47 -9.25	75.66 -0.37 -9.34	56.86 0.07 -10.11	43.07 0.15 -8.31	38.23 0.22 -6.03
MILLIKEN___1 23584	38.80 -0.35 -2.00	36.27 -0.33 -1.96	28.11 -0.34 -1.21	27.64 -0.27 -1.54	29.65 -0.28 -1.67	31.63 -0.29 -0.96	34.11 -0.32 -2.11	37.69 -0.25 -2.39	43.99 -0.24 -2.60	54.22 -0.25 -2.93	61.65 -0.30 -3.11	53.15 -0.46 -3.44	48.21 -0.33 -20.65	25.92 -0.29 -1.73	21.24 -0.31 -1.48	30.58 -0.29 -2.08	31.17 -0.36 -2.36	38.43 -0.33 -2.75	57.13 -0.28 -3.53	53.57 -0.17 -1.27	66.69 -0.01 0.00	46.58 -0.09 0.00	34.47 -0.13 0.00	31.92 -0.06 0.00
MILLIKEN___2 23585	38.80 -0.35 -2.00	36.27 -0.33 -1.96	28.11 -0.34 -1.21	27.64 -0.27 -1.54	29.65 -0.28 -1.67	31.63 -0.29 -0.96	34.11 -0.32 -2.11	37.69 -0.25 -2.39	43.99 -0.24 -2.60	54.22 -0.25 -2.93	61.65 -0.30 -3.11	53.15 -0.46 -3.44	48.21 -0.33 -20.65	25.92 -0.29 -1.73	21.24 -0.31 -1.48	30.58 -0.29 -2.08	31.17 -0.36 -2.36	38.43 -0.33 -2.75	57.13 -0.28 -3.53	53.57 -0.17 -1.27	66.69 -0.01 0.00	46.58 -0.09 0.00	34.47 -0.13 0.00	31.92 -0.06 0.00
MILLIKEN___DIESEL 23629	38.80 -0.35 -2.00	36.27 -0.33 -1.96	28.11 -0.34 -1.21	27.64 -0.27 -1.54	29.65 -0.28 -1.67	31.63 -0.29 -0.96	34.11 -0.32 -2.11	37.69 -0.25 -2.39	43.99 -0.24 -2.60	54.22 -0.25 -2.93	61.65 -0.30 -3.11	53.15 -0.46 -3.44	48.21 -0.33 -20.65	25.92 -0.29 -1.73	21.24 -0.31 -1.48	30.58 -0.29 -2.08	31.17 -0.36 -2.36	38.43 -0.33 -2.75	57.13 -0.28 -3.53	53.57 -0.17 -1.27	66.69 -0.01 0.00	46.58 -0.09 0.00	34.47 -0.13 0.00	31.92 -0.06 0.00
MILLSEAT___LFGE 323607	28.77 -2.93 5.46	26.66 -2.65 5.34	21.73 -2.21 3.31	20.24 -1.94 4.19	21.62 -2.09 4.55	26.07 -2.27 2.62	23.61 -2.96 5.75	25.71 -3.30 6.53	30.76 -3.78 7.10	39.39 -4.12 8.01	45.41 -4.95 8.50	37.67 -4.60 7.90	16.32 -2.63 8.95	17.17 -2.57 4.74	14.06 -1.95 4.05	20.59 -2.50 5.71	20.84 -2.54 5.79	25.93 -3.32 6.76	40.58 -4.60 8.69	44.95 -4.40 3.12	61.89 -4.81 0.00	43.59 -3.07 0.00	32.39 -2.21 0.00	30.00 -1.97 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.68 1.53 0.00	36.11 1.46 0.00	28.45 1.21 0.00	27.43 1.05 0.00	29.41 1.14 0.00	32.22 1.26 0.00	33.74 1.41 0.00	37.13 1.59 0.00	43.56 1.92 0.00	53.74 2.21 0.00	61.39 2.54 0.00	52.60 2.42 0.00	29.24 1.34 0.00	25.69 1.22 0.00	21.11 1.05 0.00	30.28 1.48 0.00	30.60 1.42 0.00	37.75 1.73 0.00	56.38 2.51 0.00	54.86 2.39 0.00	69.49 2.79 0.00	48.48 1.81 0.00	35.75 1.15 0.00	32.85 0.87 0.00
MILLWOOD_13_KV_LOAD 356217	38.72 1.57 0.00	36.15 1.50 0.00	28.49 1.25 0.00	27.46 1.09 0.00	29.43 1.17 0.00	32.25 1.29 0.00	33.77 1.45 0.00	37.17 1.63 0.00	43.61 1.97 0.00	53.80 2.27 0.00	61.45 2.60 0.00	52.65 2.47 0.00	29.27 1.37 0.00	25.72 1.24 0.00	21.14 1.07 0.00	30.30 1.51 0.00	30.63 1.46 0.00	37.80 1.78 0.00	56.44 2.57 0.00	54.93 2.45 0.00	69.57 2.87 0.00	48.53 1.86 0.00	35.78 1.18 0.00	32.88 0.91 0.00
MODEL_CITY_ENERGY 24167	26.67 -4.01 6.47	24.65 -3.66 6.33	20.31 -3.00 3.92	18.70 -2.70 4.97	19.95 -2.92 5.39	24.69 -3.16 3.10	21.48 -4.02 6.82	23.25 -4.55 7.75	27.94 -5.28 8.42	36.06 -5.96 9.51	41.72 -7.07 10.07	34.52 -6.30 9.35	14.28 -3.47 10.14	15.58 -3.28 5.61	12.61 -2.65 4.80	18.43 -3.60 6.76	18.81 -3.65 6.72	23.56 -4.61 7.84	37.21 -6.59 10.07	42.45 -6.41 3.62	59.34 -7.36 0.00	41.93 -4.73 0.00	31.25 -3.35 0.00	28.99 -2.98 0.00
MODERN_LFGE___ 323580	26.67 -4.01 6.47	24.65 -3.66 6.33	20.31 -3.00 3.92	18.70 -2.70 4.97	19.95 -2.92 5.39	24.69 -3.16 3.10	21.48 -4.02 6.82	23.25 -4.55 7.75	27.94 -5.28 8.42	36.06 -5.96 9.51	41.72 -7.07 10.07	34.52 -6.30 9.35	14.28 -3.47 10.14	15.58 -3.28 5.61	12.61 -2.65 4.80	18.43 -3.60 6.76	18.81 -3.65 6.72	23.56 -4.61 7.84	37.21 -6.59 10.07	42.45 -6.41 3.62	59.34 -7.36 0.00	41.93 -4.73 0.00	31.25 -3.35 0.00	28.99 -2.98 0.00
MOHAWK_PAPER___DRP 24187	38.54 1.38 0.00	35.95 1.30 0.00	28.32 1.08 0.00	27.36 0.99 0.00	29.32 1.06 0.00	32.09 1.13 0.00	33.60 1.28 0.00	36.94 1.40 0.00	43.29 1.65 0.00	53.30 1.77 0.00	60.86 2.01 0.00	51.99 1.82 0.00	28.92 1.03 0.00	25.28 0.80 0.00	20.80 0.73 0.00	29.84 1.04 0.00	30.21 1.03 0.00	37.24 1.23 0.00	55.52 1.65 0.00	54.09 1.62 0.00	68.50 1.80 0.00	47.76 1.10 0.00	35.41 0.81 0.00	32.57 0.60 0.00
MOHICAN___35_KV_115KV_LD 80490	39.52 2.37 0.00	36.77 2.11 0.00	28.89 1.65 0.00	27.94 1.57 0.00	30.01 1.74 0.00	32.85 1.89 0.00	34.48 2.15 0.00	37.95 2.41 0.00	44.51 2.87 0.00	54.74 3.21 0.00	62.35 3.49 0.00	53.10 2.93 0.00	29.65 1.76 0.00	26.08 1.60 0.00	21.47 1.40 0.00	31.05 2.25 0.00	31.35 2.17 0.00	38.88 2.86 0.00	58.12 4.25 0.00	56.69 4.22 0.00	71.32 4.62 0.00	49.67 3.01 0.00	36.74 2.14 0.00	33.73 1.76 0.00
MONGAUP___HYD 23641	38.82 1.67 0.00	36.20 1.55 0.00	28.48 1.24 0.00	27.48 1.11 0.00	29.49 1.23 0.00	32.35 1.39 0.00	33.88 1.55 0.00	37.30 1.75 0.00	43.78 2.13 0.00	54.08 2.55 0.00	61.68 2.83 0.00	52.85 2.68 0.00	29.38 1.48 0.00	25.75 1.28 0.00	21.10 1.03 0.00	30.20 1.41 0.00	30.51 1.34 0.00	37.50 1.48 0.00	56.02 2.15 0.00	54.66 2.18 0.00	69.38 2.68 0.00	48.40 1.73 0.00	35.87 1.28 0.00	32.97 0.99 0.00
MONTAUK___DIESEL 23721	37.79 0.64 0.00	34.81 0.15 0.00	27.43 0.19 0.00	26.37 0.00 0.00	28.24 -0.02 0.00	30.86 -0.10 0.00	32.82 0.49 0.00	36.57 1.03 0.00	42.96 1.32 0.00	52.03 0.50 0.00	57.39 -1.26 0.21	25.74 -1.28 23.15	27.25 -0.49 0.15	24.15 -0.33 0.00	19.84 -0.23 0.00	28.48 -0.32 0.00	29.15 -0.03 0.00	36.89 0.87 0.00	57.19 3.32 0.00	56.29 3.82 0.00	71.17 4.48 0.00	50.23 3.56 0.00	36.73 2.13 0.00	33.69 1.72 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.46 -4.33 2.37	28.41 -3.92 2.32	22.59 -3.21 1.43	21.61 -2.94 1.82	23.17 -3.12 1.97	26.34 -3.49 1.14	25.95 -3.88 2.50	28.72 -3.99 2.83	34.11 -4.45 3.08	43.36 -4.67 3.49	48.84 -6.30 3.71	40.73 -5.83 3.61	15.88 -3.13 8.89	19.49 -2.91 2.07	16.38 -1.92 1.77	23.00 -3.30 2.49	23.49 -3.18 2.51	29.30 -3.78 2.93	45.46 -4.64 3.77	46.11 -5.01 1.35	60.68 -6.02 0.00	43.09 -3.57 0.00	31.95 -2.66 0.00	29.82 -2.16 0.00

MORRIS_RIDGE___SOLAR 323848	-23.34 -4.00 56.50	-24.25 -3.63 55.27	-9.99 -3.02 34.21	-19.75 -2.76 43.37	-21.62 -2.82 47.06	0.65 -3.22 27.09	-30.64 -3.44 59.53	-35.65 -3.61 67.59	-36.10 -4.26 73.48	-36.59 -5.29 82.83	-34.93 -6.18 87.60	-35.44 -5.54 80.07	-25.79 -3.23 50.46	-27.07 -2.78 48.77	-23.95 -2.27 41.75	-32.86 -2.92 58.73	-29.11 -2.91 55.37	-32.33 -3.69 64.65	-34.19 -5.06 83.00	18.24 -4.44 29.79	62.03 -4.67 0.00	43.40 -3.27 0.00	31.80 -2.80 0.00	29.71 -2.26 0.00
MORTIMER_115KV_TB3 55949	34.90 -2.25 0.00	32.65 -2.00 0.00	25.59 -1.65 0.00	24.88 -1.49 0.00	26.67 -1.59 0.00	29.22 -1.74 0.00	30.13 -2.19 0.00	33.10 -2.44 0.00	38.86 -2.79 0.00	48.42 -3.11 0.00	55.19 -3.66 0.00	46.66 -3.39 0.12	22.14 -1.93 3.82	22.70 -1.78 0.00	18.64 -1.43 0.00	26.90 -1.89 0.00	25.50 -1.92 1.77	31.56 -2.39 2.06	47.91 -3.31 2.65	48.33 -3.20 0.95	63.12 -3.58 0.00	44.34 -2.33 0.00	32.91 -1.69 0.00	30.47 -1.51 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.00 1.84 0.00	36.43 1.78 0.00	28.72 1.48 0.00	27.68 1.31 0.00	29.67 1.41 0.00	32.50 1.54 0.00	34.04 1.71 0.00	37.45 1.91 0.00	43.95 2.31 0.00	54.20 2.67 0.00	61.88 3.02 0.00	53.05 2.88 0.00	29.50 1.60 0.00	25.92 1.44 0.00	21.32 1.25 0.00	30.57 1.78 0.00	30.88 1.70 0.00	38.09 2.08 0.00	56.87 3.00 0.00	55.32 2.85 0.00	70.09 3.39 0.00	48.88 2.22 0.00	36.04 1.45 0.00	33.12 1.15 0.00
MUNSVILLE_WIND_PWR 323609	38.65 0.02 -1.48	36.09 -0.01 -1.45	27.93 -0.21 -0.90	27.50 -0.01 -1.14	29.34 -0.16 -1.23	31.52 -0.15 -0.71	33.74 -0.15 -1.56	37.35 0.03 -1.77	43.76 0.19 -1.93	54.00 0.29 -2.18	61.36 0.21 -2.30	52.64 0.07 -2.40	38.52 -0.09 -10.71	25.67 -0.09 -1.28	20.95 -0.22 -1.10	30.27 -0.06 -1.55	30.96 0.07 -1.71	38.14 0.12 -2.00	57.35 0.91 -2.57	54.46 1.07 -0.92	69.21 2.51 0.00	48.38 1.72 0.00	35.74 1.14 0.00	33.26 1.28 0.00
N SALMON___HYD 24042	73.81 -0.50 -37.15	69.82 -0.54 -35.72	57.64 -0.53 -30.93	56.27 -0.48 -30.38	56.67 -0.53 -28.94	52.39 -0.53 -21.96	51.92 -0.56 -20.16	67.86 -0.60 -32.92	80.78 -0.79 -39.93	97.12 -0.73 -46.32	108.92 -0.80 -50.87	94.35 -0.85 -45.03	58.60 -0.46 -31.16	45.73 -0.33 -21.58	46.12 -0.33 -26.38	60.05 -0.51 -31.76	60.79 -0.48 -32.10	71.95 -0.54 -36.48	100.95 -0.70 -47.78	91.49 -0.59 -39.61	106.19 -0.50 -40.00	89.74 -0.25 -43.33	70.10 -0.12 -35.62	57.74 -0.08 -25.84
N.AKRON__115KV_KNAPP 355671	28.24 -3.05 5.86	26.17 -2.75 5.74	21.41 -2.28 3.55	19.84 -2.03 4.50	21.21 -2.17 4.88	25.80 -2.35 2.81	23.06 -3.08 6.18	25.06 -3.47 7.02	30.03 -3.98 7.62	38.51 -4.41 8.61	44.50 -5.22 9.12	36.82 -4.87 8.48	15.88 -2.67 9.35	16.75 -2.64 5.09	13.68 -2.04 4.36	20.03 -2.64 6.13	20.32 -2.68 6.17	25.29 -3.51 7.21	39.73 -4.88 9.26	44.54 -4.61 3.32	61.69 -5.01 0.00	43.46 -3.21 0.00	32.31 -2.29 0.00	29.94 -2.04 0.00
N.BELMOR_69_KV_BK1 55787	39.17 2.01 0.00	36.50 1.85 0.00	28.73 1.49 0.00	27.65 1.28 0.00	29.61 1.35 0.00	32.38 1.42 0.00	34.04 1.72 0.00	37.48 1.94 0.00	44.01 2.37 0.00	54.18 2.65 0.00	61.57 2.72 0.00	52.78 2.61 0.00	29.45 1.56 0.00	25.91 1.44 0.00	21.30 1.24 0.00	30.62 1.83 0.00	31.03 1.85 0.00	38.36 2.34 0.00	57.31 3.44 0.00	55.82 3.35 0.00	70.39 3.69 0.00	49.31 2.64 0.00	36.21 1.61 0.00	33.26 1.29 0.00
N.E_GEN_SANDY PD 24062	38.60 1.45 0.00	35.99 1.33 0.00	28.36 1.12 0.00	27.37 1.00 0.00	29.39 1.10 -0.03	31.73 1.15 0.38	33.94 1.34 -0.27	36.88 1.46 0.12	43.37 1.73 0.00	53.34 1.81 0.00	60.97 2.11 0.00	52.04 1.87 0.00	28.96 1.07 0.00	25.41 0.93 0.00	20.91 0.84 0.00	29.90 1.27 0.16	30.41 1.23 0.00	37.54 1.53 0.00	55.97 2.10 0.00	54.49 2.02 0.00	68.93 2.24 0.00	48.05 1.38 0.00	35.56 0.95 0.00	32.68 0.71 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.54 1.39 0.00	35.97 1.32 0.00	28.33 1.10 0.00	27.31 0.94 0.00	29.28 1.01 0.00	32.09 1.13 0.00	33.60 1.27 0.00	36.99 1.45 0.00	43.41 1.77 0.00	53.57 2.04 0.00	61.25 2.40 0.00	52.49 2.32 0.00	29.16 1.27 0.00	25.63 1.15 0.00	21.05 0.98 0.00	30.17 1.37 0.00	30.50 1.32 0.00	37.61 1.60 0.00	56.17 2.30 0.00	54.67 2.19 0.00	69.27 2.58 0.00	48.32 1.65 0.00	35.62 1.02 0.00	32.75 0.77 0.00
N.QUEENS_27_KV_LOAD 356247	38.96 1.80 -0.01	36.37 1.71 -0.01	28.69 1.44 -0.01	27.64 1.27 -0.01	29.62 1.35 -0.01	32.44 1.47 -0.01	33.97 1.64 0.00	37.34 1.80 0.00	43.80 2.15 0.00	54.01 2.48 0.00	61.64 2.79 0.00	52.92 2.75 0.00	29.44 1.55 0.00	25.89 1.42 0.01	21.29 1.23 0.01	30.55 1.77 0.00	30.83 1.65 0.00	38.01 1.99 0.00	56.68 2.81 0.00	55.15 2.68 0.00	69.93 3.23 0.00	48.76 2.09 0.00	35.96 1.36 0.00	33.08 1.10 -0.01
N.TROY___115KV_TB1 355778	38.50 1.35 0.00	35.88 1.23 0.00	28.25 1.01 0.00	27.31 0.94 0.00	29.28 1.02 0.00	32.04 1.08 0.00	33.58 1.25 0.00	36.92 1.37 0.00	43.26 1.62 0.00	53.26 1.73 0.00	60.80 1.95 0.00	51.87 1.70 0.00	28.87 0.98 0.00	25.31 0.83 0.00	20.81 0.75 0.00	29.95 1.15 0.00	30.30 1.12 0.00	37.44 1.43 0.00	55.84 1.97 0.00	54.41 1.94 0.00	68.82 2.12 0.00	47.99 1.33 0.00	35.55 0.95 0.00	32.69 0.71 0.00
NARROWS_GT1_1 24228	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT1_2 24229	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT1_3 24230	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT1_4 24231	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49

NARROWS_GT1_5 24232	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT1_6 24233	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT1_7 24234	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT1_8 24235	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT2_1 24236	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT2_2 24237	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT2_3 24238	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT2_4 24239	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT2_5 24240	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT2_6 24241	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT2_7 24242	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NARROWS_GT2_8 24243	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.19 2.04 0.00	36.53 1.88 0.00	28.74 1.51 0.00	27.81 1.44 0.00	29.79 1.53 0.00	32.61 1.65 0.00	34.15 1.82 0.00	37.58 2.04 0.00	44.11 2.46 0.00	54.27 2.74 0.00	61.90 3.05 0.00	52.68 2.51 0.00	29.33 1.43 0.00	25.64 1.16 0.00	21.08 1.01 0.00	30.25 1.46 0.00	30.66 1.49 0.00	37.85 1.84 0.00	56.35 2.48 0.00	54.98 2.51 0.00	69.66 2.96 0.00	48.53 1.86 0.00	35.91 1.31 0.00	33.00 1.02 0.00
NCHELSEA_115KV_TR2 355582	38.93 1.78 0.00	36.32 1.67 0.00	28.61 1.37 0.00	27.60 1.23 0.00	29.59 1.33 0.00	32.42 1.46 0.00	33.96 1.63 0.00	37.38 1.83 0.00	43.86 2.22 0.00	54.12 2.59 0.00	61.84 2.99 0.00	52.96 2.79 0.00	29.45 1.55 0.00	25.87 1.39 0.00	21.25 1.18 0.00	30.47 1.68 0.00	30.83 1.65 0.00	38.05 2.03 0.00	56.82 2.95 0.00	55.32 2.85 0.00	70.08 3.39 0.00	48.86 2.20 0.00	36.03 1.43 0.00	33.11 1.13 0.00
NEG CAPITAL___MECHNVIL 23645	39.03 1.88 0.00	36.35 1.70 0.00	28.60 1.36 0.00	27.66 1.29 0.00	29.66 1.40 0.00	32.47 1.51 0.00	34.05 1.72 0.00	37.43 1.88 0.00	43.88 2.25 0.00	54.09 2.56 0.00	61.69 2.84 0.00	52.65 2.47 0.00	29.35 1.46 0.00	25.76 1.29 0.00	21.17 1.10 0.00	30.55 1.76 0.00	30.90 1.72 0.00	38.23 2.21 0.00	57.14 3.27 0.00	55.67 3.20 0.00	70.38 3.68 0.00	49.04 2.38 0.00	36.28 1.68 0.00	33.35 1.38 0.00

NEG CENTRAL_HIGH_ACRES 23767	34.66 -2.50 0.00	32.39 -2.26 0.00	25.38 -1.85 0.00	24.67 -1.70 0.00	26.45 -1.81 0.00	28.99 -1.97 0.00	29.99 -2.33 0.00	32.98 -2.56 0.00	38.72 -2.93 0.00	48.21 -3.32 0.00	54.94 -3.92 0.00	46.49 -3.60 0.08	23.09 -2.16 2.65	22.53 -1.95 0.00	18.54 -1.53 0.00	26.72 -2.08 0.00	25.55 -2.12 1.51	31.65 -2.60 1.77	47.94 -3.66 2.27	48.04 -3.62 0.81	62.46 -4.24 0.00	43.86 -2.81 0.00	32.54 -2.06 0.00	30.12 -1.85 0.00
NEG CENTRAL___DRP 24199	38.43 -1.23 -2.51	35.97 -1.13 -2.45	27.79 -0.97 -1.52	27.45 -0.85 -1.92	29.48 -0.87 -2.09	31.21 -0.95 -1.20	33.89 -1.08 -2.64	37.44 -1.10 -3.00	43.59 -1.31 -3.26	53.62 -1.58 -3.67	60.90 -1.84 -3.89	51.73 -1.86 -3.41	24.44 -1.06 2.40	25.74 -0.91 -2.17	21.15 -0.77 -1.86	30.44 -0.96 -2.61	33.86 -0.83 -5.51	41.40 -1.05 -6.43	60.73 -1.40 -8.26	54.32 -1.12 -2.96	65.65 -1.04 0.00	45.89 -0.77 0.00	33.86 -0.74 0.00	31.40 -0.58 0.00
NEG CENTRAL___INDECK 23768	62.56 -2.18 -27.59	59.71 -1.93 -26.99	42.28 -1.67 -16.71	46.08 -1.47 -21.18	49.73 -1.52 -22.98	42.48 -1.72 -13.23	59.37 -2.03 -29.07	66.48 -2.07 -33.00	75.18 -2.34 -35.88	89.21 -2.76 -40.44	98.18 -3.42 -42.75	85.40 -3.36 -38.59	35.54 -2.21 -9.85	46.32 -1.95 -23.79	38.97 -1.46 -20.37	55.92 -1.52 -28.65	54.63 -1.79 -27.25	65.64 -2.18 -31.81	92.03 -2.68 -40.84	65.02 -2.11 -14.66	64.86 -1.83 0.00	45.47 -1.20 0.00	33.36 -1.24 0.00	31.02 -0.95 0.00
NEG CENTRAL___SENECA 23627	39.66 -1.51 -4.02	37.20 -1.39 -3.94	28.48 -1.19 -2.44	28.41 -1.05 -3.09	30.56 -1.05 -3.35	31.72 -1.17 -1.93	35.25 -1.32 -4.24	39.00 -1.36 -4.82	45.24 -1.64 -5.23	55.46 -1.97 -5.90	62.79 -2.30 -6.24	53.32 -2.29 -5.44	21.53 -1.32 5.04	26.84 -1.12 -3.48	22.12 -0.93 -2.98	31.83 -1.16 -4.19	37.17 -0.94 -8.94	45.17 -1.27 -10.43	65.56 -1.70 -13.39	56.02 -1.27 -4.81	65.63 -1.06 0.00	45.89 -0.78 0.00	33.76 -0.84 0.00	31.31 -0.67 0.00
NEG CENTRAL___STATE_STREET 24147	36.54 -0.61 0.00	34.09 -0.56 0.00	26.73 -0.51 0.00	25.93 -0.44 0.00	27.79 -0.47 0.00	30.48 -0.48 0.00	31.78 -0.54 0.00	35.02 -0.52 0.00	41.05 -0.59 0.00	50.86 -0.67 0.00	58.05 -0.80 0.00	49.21 -1.03 -0.07	29.59 -0.56 -2.26	24.00 -0.47 0.00	19.57 -0.49 0.00	28.27 -0.52 0.00	30.30 -0.60 -1.72	37.46 -0.57 -2.01	55.72 -0.73 -2.58	52.78 -0.62 -0.93	66.07 -0.62 0.00	46.07 -0.60 0.00	34.17 -0.43 0.00	31.67 -0.30 0.00
NEG MILLWOOD___DRP 24198	39.05 1.90 0.00	36.45 1.79 0.00	28.71 1.47 0.00	27.69 1.32 0.00	29.68 1.42 0.00	32.52 1.56 0.00	34.06 1.74 0.00	37.48 1.94 0.00	44.00 2.36 0.00	54.32 2.79 0.00	62.07 3.22 0.00	53.15 2.98 0.00	29.56 1.66 0.00	25.98 1.50 0.00	21.35 1.28 0.00	30.63 1.83 0.00	30.96 1.78 0.00	38.22 2.21 0.00	57.10 3.23 0.00	55.59 3.12 0.00	70.36 3.67 0.00	49.05 2.38 0.00	36.15 1.55 0.00	33.20 1.23 0.00
NEG NORTH_FLCN_SEA 23793	-20.36 -0.90 56.62	-20.56 -0.79 54.43	-20.63 -0.74 47.13	-20.61 -0.69 46.29	-16.59 -0.75 44.10	-3.31 -0.80 33.47	0.66 -0.95 30.72	-15.65 -1.03 50.17	-20.42 -1.21 60.85	-20.33 -1.28 70.58	-20.18 -1.50 77.53	-20.09 -1.64 68.62	-20.47 -0.88 47.49	-9.18 -0.76 32.90	-20.66 -0.53 40.21	-20.45 -0.84 48.41	-20.57 -0.82 48.92	-20.52 -0.94 55.59	-20.26 -1.33 72.80	-9.27 -1.37 60.37	4.04 -1.70 60.95	-20.30 -0.94 66.03	-20.36 -0.68 54.27	-8.13 -0.72 39.38
NEG NORTH_KES_CHATEGAY 23792	-23.50 -0.85 59.80	-23.69 -0.85 57.49	-23.27 -0.73 49.78	-23.21 -0.69 48.90	-19.06 -0.75 46.58	-5.18 -0.80 35.35	-0.99 -0.87 32.45	-18.44 -1.00 52.99	-23.84 -1.21 64.27	-24.32 -1.30 74.55	-24.51 -1.48 81.88	-23.73 -1.43 72.48	-23.02 -0.76 50.16	-10.90 -0.62 34.75	-22.93 -0.53 42.47	-23.13 -0.80 51.13	-23.28 -0.79 51.67	-23.63 -0.93 58.71	-24.37 -1.34 76.90	-12.51 -1.22 63.76	0.85 -1.47 64.38	-23.99 -0.91 69.74	-23.30 -0.57 57.33	-10.12 -0.50 41.60
NEG NORTH___ALICE_FALLS 23915	-20.74 -0.76 57.12	-20.95 -0.68 54.91	-20.96 -0.64 47.55	-20.93 -0.59 46.70	-16.88 -0.65 44.49	-3.49 -0.68 33.77	0.52 -0.82 30.99	-15.96 -0.88 50.62	-20.81 -1.05 61.40	-20.75 -1.07 71.21	-20.61 -1.25 78.22	-20.42 -1.36 69.23	-20.75 -0.74 47.91	-9.34 -0.63 33.19	-20.95 -0.45 40.57	-20.77 -0.72 48.84	-20.87 -0.69 49.36	-20.83 -0.76 56.08	-20.63 -1.05 73.45	-9.48 -1.04 60.91	3.89 -1.32 61.49	-20.68 -0.73 66.62	-20.69 -0.53 54.76	-8.32 -0.56 39.73
NEG NORTH___LWR_SARANAC 23913	-20.74 -0.76 57.12	-20.95 -0.68 54.91	-20.96 -0.64 47.55	-20.93 -0.59 46.70	-16.88 -0.65 44.49	-3.49 -0.68 33.77	0.52 -0.82 30.99	-15.96 -0.88 50.62	-20.81 -1.05 61.40	-20.75 -1.07 71.21	-20.61 -1.25 78.22	-20.42 -1.36 69.23	-20.75 -0.74 47.91	-9.34 -0.63 33.19	-20.95 -0.45 40.57	-20.77 -0.72 48.84	-20.87 -0.69 49.36	-20.83 -0.76 56.08	-20.63 -1.05 73.45	-9.48 -1.04 60.91	3.89 -1.32 61.49	-20.68 -0.73 66.62	-20.69 -0.53 54.76	-8.32 -0.56 39.73
NEG NORTH___PLATTSBURG 23628	-20.76 -0.79 57.12	-20.98 -0.72 54.91	-20.98 -0.66 47.55	-20.94 -0.60 46.70	-16.89 -0.66 44.49	-3.49 -0.69 33.77	0.51 -0.82 30.99	-15.98 -0.90 50.62	-20.85 -1.09 61.40	-20.80 -1.12 71.21	-20.66 -1.30 78.22	-20.47 -1.41 69.23	-20.77 -0.76 47.91	-9.36 -0.64 33.19	-20.96 -0.46 40.57	-20.78 -0.74 48.84	-20.91 -0.72 49.36	-20.88 -0.81 56.08	-20.70 -1.11 73.45	-9.53 -1.09 60.91	3.90 -1.31 61.49	-20.71 -0.77 66.62	-20.71 -0.55 54.76	-8.32 -0.56 39.73
NEG WEST_LEA_LOCKPORT 23791	25.24 -3.84 8.08	23.29 -3.45 7.90	19.51 -2.83 4.89	17.61 -2.56 6.20	18.80 -2.73 6.73	24.09 -2.99 3.87	20.01 -3.81 8.51	21.58 -4.30 9.66	26.13 -5.01 10.51	33.97 -5.70 11.86	39.57 -6.73 12.55	32.49 -6.07 11.61	13.31 -3.28 11.31	14.34 -3.14 7.00	11.55 -2.53 5.99	16.97 -3.40 8.42	17.45 -3.44 8.29	21.97 -4.36 9.69	35.22 -6.21 12.44	42.06 -5.95 4.46	60.01 -6.69 0.00	42.36 -4.31 0.00	31.53 -3.07 0.00	29.25 -2.72 0.00
NEG WEST___LANCASTER 23811	30.92 -2.57 3.67	28.80 -2.26 3.59	23.11 -1.91 2.22	21.88 -1.68 2.82	23.43 -1.78 3.06	27.31 -1.90 1.76	25.92 -2.54 3.86	28.35 -2.81 4.39	33.61 -3.26 4.77	42.52 -3.63 5.38	48.84 -4.31 5.70	40.72 -4.04 5.41	16.34 -2.14 9.42	19.13 -2.16 3.18	15.64 -1.71 2.72	22.64 -2.33 3.83	23.05 -2.32 3.81	28.49 -3.08 4.44	43.93 -4.24 5.71	46.42 -4.01 2.05	62.57 -4.13 0.00	44.07 -2.59 0.00	32.71 -1.89 0.00	30.29 -1.68 0.00
NEG_PENN_ALLEGHNY 23528	36.33 -0.83 0.00	33.90 -0.76 0.00	26.58 -0.66 0.00	25.82 -0.55 0.00	27.70 -0.57 0.00	30.35 -0.61 0.00	31.64 -0.69 0.00	34.87 -0.67 0.00	40.88 -0.76 0.00	50.57 -0.96 0.00	57.77 -1.08 0.00	49.04 -1.04 0.10	24.26 -0.66 2.97	23.91 -0.57 0.00	19.59 -0.48 0.00	28.15 -0.64 0.00	28.56 -0.62 0.00	35.26 -0.75 0.00	52.87 -0.99 0.00	51.55 -0.92 0.00	65.75 -0.95 0.00	46.00 -0.67 0.00	34.00 -0.60 0.00	31.43 -0.54 0.00
NEG___GEN_MONROE 24207	33.59 -2.16 1.40	31.35 -1.93 1.37	24.79 -1.61 0.85	23.86 -1.43 1.07	25.56 -1.54 1.17	28.61 -1.67 0.67	28.70 -2.15 1.48	31.48 -2.39 1.68	37.09 -2.73 1.82	46.48 -2.99 2.06	53.09 -3.56 2.21	44.63 -3.40 2.15	21.04 -1.96 4.90	21.41 -1.83 1.24	17.58 -1.43 1.06	25.45 -1.85 1.49	25.35 -1.85 1.98	31.35 -2.35 2.31	47.69 -3.21 2.97	48.32 -3.08 1.07	63.34 -3.36 0.00	44.51 -2.15 0.00	33.03 -1.57 0.00	30.57 -1.41 0.00

NEPA__ENERGY 23901	30.43 -3.16 3.56	28.29 -2.88 3.49	22.66 -2.42 2.16	21.51 -2.13 2.74	23.11 -2.18 2.97	26.88 -2.37 1.71	25.75 -2.82 3.76	28.44 -2.84 4.26	33.74 -3.27 4.64	42.71 -3.52 5.30	48.79 -4.43 5.63	40.61 -4.21 5.35	16.03 -2.42 9.45	19.04 -2.29 3.14	15.68 -1.70 2.69	22.50 -2.52 3.78	22.95 -2.47 3.75	28.58 -3.05 4.38	44.16 -4.09 5.62	46.36 -4.09 2.02	62.13 -4.57 0.00	43.79 -2.88 0.00	32.44 -2.16 0.00	30.03 -1.95 0.00
NEVERSINK__HYD 23608	38.62 1.47 0.00	36.02 1.37 0.00	28.35 1.11 0.00	27.37 1.00 0.00	29.36 1.10 0.00	32.19 1.23 0.00	33.69 1.37 0.00	37.11 1.56 0.00	43.56 1.92 0.00	53.84 2.31 0.00	61.55 2.70 0.00	52.72 2.54 0.00	29.28 1.38 0.00	25.67 1.20 0.00	21.08 1.01 0.00	30.25 1.46 0.00	30.51 1.33 0.00	37.69 1.68 0.00	56.30 2.43 0.00	54.90 2.43 0.00	69.63 2.93 0.00	48.55 1.88 0.00	35.79 1.19 0.00	32.89 0.91 0.00
NEWKRMKL_115KV_TB1 55635	38.53 1.38 0.00	35.95 1.29 0.00	28.31 1.07 0.00	27.37 1.00 0.00	29.32 1.06 0.00	32.09 1.13 0.00	33.60 1.27 0.00	36.93 1.39 0.00	43.27 1.63 0.00	53.28 1.75 0.00	60.84 1.99 0.00	51.99 1.82 0.00	28.88 0.99 0.00	25.16 0.68 0.00	20.71 0.64 0.00	29.62 0.83 0.00	29.97 0.79 0.00	36.93 0.92 0.00	54.99 1.12 0.00	53.56 1.09 0.00	67.83 1.13 0.00	47.33 0.66 0.00	35.09 0.49 0.00	32.27 0.30 0.00
NEWTON__FALLS_HYD 23847	42.12 -0.94 -5.90	39.29 -1.03 -5.67	31.23 -0.92 -4.91	30.29 -0.90 -4.83	31.87 -0.99 -4.60	33.35 -1.10 -3.49	34.40 -1.13 -3.20	39.53 -1.25 -5.23	46.54 -1.44 -6.35	57.31 -1.57 -7.36	65.14 -1.80 -8.08	55.69 -1.64 -7.16	31.91 -0.94 -4.95	27.44 -0.46 -3.43	23.65 -0.61 -4.19	32.79 -1.05 -5.05	33.30 -0.98 -5.10	40.65 -1.17 -5.80	60.11 -1.36 -7.60	57.26 -1.52 -6.31	71.56 -1.50 -6.37	52.96 -0.61 -6.90	39.88 -0.39 -5.67	35.92 -0.17 -4.11
NGRID_A1_DSASP 323792	26.89 -3.91 6.35	24.99 -3.44 6.22	20.58 -2.81 3.85	18.99 -2.51 4.88	20.25 -2.72 5.29	24.90 -3.01 3.05	21.78 -3.85 6.69	23.55 -4.39 7.60	28.26 -5.12 8.26	36.47 -5.73 9.33	42.19 -6.78 9.88	34.92 -6.08 9.18	14.44 -3.39 10.07	15.83 -3.14 5.51	12.80 -2.56 4.71	18.65 -3.51 6.63	19.03 -3.56 6.58	23.89 -4.44 7.69	37.60 -6.39 9.87	42.67 -6.26 3.54	59.51 -7.19 0.00	42.09 -4.58 0.00	31.37 -3.23 0.00	29.10 -2.88 0.00
NGRID_A2_DSASP 323793	26.89 -3.91 6.35	24.99 -3.44 6.22	20.58 -2.81 3.85	18.99 -2.51 4.88	20.25 -2.72 5.29	24.90 -3.01 3.05	21.78 -3.85 6.69	23.55 -4.39 7.60	28.26 -5.12 8.26	36.47 -5.73 9.33	42.19 -6.78 9.88	34.92 -6.08 9.18	14.44 -3.39 10.07	15.83 -3.14 5.51	12.80 -2.56 4.71	18.65 -3.51 6.63	19.03 -3.56 6.58	23.89 -4.44 7.69	37.60 -6.39 9.87	42.67 -6.26 3.54	59.51 -7.19 0.00	42.09 -4.58 0.00	31.37 -3.23 0.00	29.10 -2.88 0.00
NGRID_A4_DSASP 323807	26.89 -3.91 6.35	24.99 -3.44 6.22	20.58 -2.81 3.85	18.99 -2.51 4.88	20.25 -2.72 5.29	24.90 -3.01 3.05	21.78 -3.85 6.69	23.55 -4.39 7.60	28.26 -5.12 8.26	36.47 -5.73 9.33	42.19 -6.78 9.88	34.92 -6.08 9.18	14.44 -3.39 10.07	15.83 -3.14 5.51	12.80 -2.56 4.71	18.65 -3.51 6.63	19.03 -3.56 6.58	23.89 -4.44 7.69	37.60 -6.39 9.87	42.67 -6.26 3.54	59.51 -7.19 0.00	42.09 -4.58 0.00	31.37 -3.23 0.00	29.10 -2.88 0.00
NIAGARA_115E_LBMP 323715	26.64 -4.17 6.34	24.62 -3.83 6.20	20.27 -3.13 3.84	18.68 -2.82 4.86	19.93 -3.05 5.28	24.63 -3.29 3.04	21.46 -4.19 6.68	23.22 -4.74 7.58	27.88 -5.52 8.24	35.98 -6.24 9.31	41.62 -7.38 9.86	34.44 -6.57 9.16	14.19 -3.61 10.10	15.58 -3.41 5.49	12.60 -2.76 4.70	18.41 -3.77 6.61	18.78 -3.83 6.57	23.54 -4.80 7.68	37.11 -6.90 9.85	42.22 -6.72 3.54	58.94 -7.76 0.00	41.66 -5.00 0.00	31.07 -3.53 0.00	28.83 -3.15 0.00
NIAGARA_115W_LBMP 323714	26.77 -3.99 6.39	24.89 -3.51 6.25	20.50 -2.86 3.87	18.92 -2.55 4.91	20.17 -2.77 5.33	24.83 -3.07 3.07	21.68 -3.92 6.74	23.43 -4.46 7.65	28.12 -5.20 8.31	36.29 -5.85 9.39	42.00 -6.91 9.94	34.76 -6.18 9.23	14.37 -3.45 10.08	15.75 -3.19 5.54	12.72 -2.60 4.75	18.55 -3.57 6.67	18.92 -3.63 6.63	23.77 -4.51 7.74	37.43 -6.51 9.94	42.54 -6.37 3.57	59.37 -7.33 0.00	41.99 -4.68 0.00	31.30 -3.30 0.00	29.04 -2.94 0.00
NIAGARA_230_LBMP 323716	26.73 -3.79 6.62	24.82 -3.35 6.48	20.48 -2.74 4.01	18.82 -2.46 5.09	20.08 -2.66 5.52	24.85 -2.93 3.18	21.61 -3.74 6.98	23.38 -4.24 7.93	28.09 -4.94 8.62	36.25 -5.55 9.73	41.96 -6.59 10.30	34.71 -5.90 9.56	14.46 -3.29 10.14	15.68 -3.05 5.74	12.67 -2.48 4.91	18.46 -3.41 6.91	18.86 -3.46 6.86	23.70 -4.31 8.01	37.41 -6.17 10.29	42.72 -6.06 3.69	59.77 -6.93 0.00	42.25 -4.42 0.00	31.46 -3.14 0.00	29.17 -2.81 0.00
NIAGARA__115KV_198_GIBSON 55903	26.71 -4.05 6.39	24.84 -3.56 6.25	20.48 -2.89 3.87	18.87 -2.59 4.91	20.13 -2.80 5.33	24.78 -3.11 3.07	21.61 -3.98 6.74	23.34 -4.55 7.65	28.02 -5.31 8.31	36.13 -6.01 9.39	41.83 -7.08 9.94	34.58 -6.36 9.23	14.36 -3.46 10.08	15.69 -3.25 5.54	12.67 -2.65 4.75	18.47 -3.65 6.67	18.85 -3.70 6.63	23.68 -4.59 7.74	37.30 -6.63 9.94	42.47 -6.43 3.57	59.35 -7.34 0.00	41.96 -4.70 0.00	31.30 -3.30 0.00	29.03 -2.95 0.00
NIAGARA____ 23760	26.90 -3.79 6.46	25.08 -3.35 6.23	20.65 -2.74 3.85	19.04 -2.46 4.87	20.31 -2.66 5.29	24.97 -2.93 3.06	21.79 -3.74 6.80	23.54 -4.24 7.76	28.26 -4.94 8.45	36.44 -5.55 9.55	42.15 -6.59 10.11	34.89 -5.90 9.38	14.52 -3.29 10.09	15.80 -3.05 5.63	12.76 -2.48 4.82	18.60 -3.41 6.78	18.99 -3.46 6.73	23.84 -4.31 7.87	37.58 -6.17 10.11	42.79 -6.06 3.63	59.77 -6.93 0.00	42.25 -4.42 0.00	31.46 -3.14 0.00	29.17 -2.81 0.00
NINE_MILE_1 23575	35.74 -1.41 0.00	33.34 -1.31 0.00	26.19 -1.06 0.00	25.38 -0.99 0.00	27.20 -1.06 0.00	29.81 -1.15 0.00	31.08 -1.25 0.00	34.19 -1.36 0.00	40.08 -1.56 0.00	49.64 -1.89 0.00	56.68 -2.17 0.00	48.26 -1.91 0.00	26.81 -1.09 0.00	23.52 -0.96 0.00	19.25 -0.82 0.00	27.63 -1.16 0.00	28.03 -1.14 0.00	34.59 -1.43 0.00	51.81 -2.06 0.00	50.49 -1.99 0.00	64.29 -2.40 0.00	44.99 -1.68 0.00	33.39 -1.22 0.00	30.98 -1.00 0.00
NINE_MILE_2 23744	35.74 -1.41 0.00	33.35 -1.31 0.00	26.19 -1.05 0.00	25.39 -0.98 0.00	27.21 -1.05 0.00	29.81 -1.15 0.00	31.08 -1.25 0.00	34.20 -1.35 0.00	40.08 -1.56 0.00	49.65 -1.88 0.00	56.68 -2.17 0.00	48.27 -1.91 0.00	26.82 -1.08 0.00	23.52 -0.96 0.00	19.25 -0.82 0.00	27.63 -1.16 0.00	28.03 -1.14 0.00	34.59 -1.43 0.00	51.81 -2.06 0.00	50.49 -1.99 0.00	64.28 -2.41 0.00	44.99 -1.68 0.00	33.38 -1.22 0.00	30.97 -1.01 0.00
NM_CAPITAL__DRP 24208	38.46 1.31 0.00	35.89 1.24 0.00	28.27 1.03 0.00	27.32 0.95 0.00	29.29 1.03 0.00	32.04 1.08 0.00	33.54 1.21 0.00	36.87 1.33 0.00	43.20 1.56 0.00	53.17 1.64 0.00	60.73 1.88 0.00	51.87 1.70 0.00	28.83 0.94 0.00	25.16 0.68 0.00	20.70 0.64 0.00	29.66 0.87 0.00	30.02 0.84 0.00	36.99 0.97 0.00	55.10 1.24 0.00	53.68 1.21 0.00	67.96 1.27 0.00	47.42 0.75 0.00	35.16 0.56 0.00	32.34 0.36 0.00

NM_CENTRAL___DRP 24181	36.18 -0.97 0.00	33.76 -0.90 0.00	26.49 -0.75 0.00	25.69 -0.68 0.00	27.54 -0.72 0.00	30.17 -0.79 0.00	31.46 -0.87 0.00	34.63 -0.91 0.00	40.61 -1.03 0.00	50.32 -1.21 0.00	57.47 -1.38 0.00	48.93 -1.24 0.00	27.18 -0.72 0.00	23.82 -0.65 0.00	19.49 -0.58 0.00	28.01 -0.78 0.00	28.41 -0.77 0.00	35.04 -0.98 0.00	52.48 -1.39 0.00	51.12 -1.35 0.00	65.12 -1.58 0.00	45.57 -1.10 0.00	33.77 -0.83 0.00	31.31 -0.67 0.00
NM_FRONTIER___DRP 24179	26.71 -4.05 6.39	24.84 -3.56 6.25	20.48 -2.89 3.87	18.87 -2.59 4.91	20.13 -2.80 5.33	24.78 -3.11 3.07	21.61 -3.98 6.74	23.34 -4.55 7.65	28.02 -5.31 8.31	36.13 -6.01 9.39	41.83 -7.08 9.94	34.58 -6.36 9.23	14.36 -3.46 10.08	15.69 -3.25 5.54	12.67 -2.65 4.75	18.47 -3.65 6.67	18.85 -3.70 6.63	23.68 -4.59 7.74	37.30 -6.63 9.94	42.47 -6.43 3.57	59.35 -7.34 0.00	41.96 -4.70 0.00	31.30 -3.30 0.00	29.03 -2.95 0.00
NM_ST_REGIS___HYD 24053	51.34 -0.34 -14.53	48.22 -0.40 -13.97	38.92 -0.41 -12.10	37.88 -0.37 -11.88	39.18 -0.40 -11.32	39.14 -0.41 -8.59	39.75 -0.46 -7.88	47.88 -0.54 -12.88	56.58 -0.68 -15.62	69.05 -0.60 -18.11	78.07 -0.68 -19.90	67.05 -0.73 -17.61	39.69 -0.40 -12.19	32.68 -0.23 -8.44	30.09 -0.29 -10.32	40.75 -0.46 -12.42	41.31 -0.42 -12.55	49.83 -0.45 -14.27	72.06 -0.50 -18.69	67.48 -0.49 -15.50	81.96 -0.39 -15.65	63.62 0.01 -16.95	48.63 0.10 -13.94	42.23 0.15 -10.11
NORTHPORT___1 23551	39.05 1.90 0.00	36.36 1.71 0.00	28.64 1.40 0.00	27.51 1.15 0.00	29.48 1.22 0.00	32.18 1.22 0.00	33.97 1.64 0.00	37.37 1.83 0.00	43.86 2.22 0.00	53.83 2.30 0.00	61.03 2.18 0.00	52.39 2.22 0.00	29.25 1.35 0.00	25.71 1.24 0.00	21.14 1.08 0.00	30.38 1.59 0.00	30.85 1.67 0.00	38.20 2.19 0.00	57.09 3.22 0.00	55.69 3.22 0.00	69.89 3.20 0.00	49.14 2.48 0.00	36.06 1.46 0.00	33.18 1.21 0.00
NORTHPORT___2 23552	39.05 1.90 0.00	36.36 1.71 0.00	28.64 1.40 0.00	27.51 1.15 0.00	29.48 1.22 0.00	32.18 1.22 0.00	33.97 1.64 0.00	37.37 1.83 0.00	43.86 2.22 0.00	53.83 2.30 0.00	61.03 2.18 0.00	52.39 2.22 0.00	29.25 1.35 0.00	25.71 1.24 0.00	21.14 1.08 0.00	30.38 1.59 0.00	30.85 1.67 0.00	38.20 2.19 0.00	57.09 3.22 0.00	55.69 3.22 0.00	69.89 3.20 0.00	49.14 2.48 0.00	36.06 1.46 0.00	33.18 1.21 0.00
NORTHPORT___3 23553	38.90 1.75 0.00	36.21 1.56 0.00	28.53 1.29 0.00	27.43 1.06 0.00	29.37 1.11 0.00	32.05 1.09 0.00	33.74 1.41 0.00	37.13 1.59 0.00	43.58 1.94 0.00	53.60 2.07 0.00	60.84 1.98 0.00	52.25 2.07 0.00	29.17 1.28 0.00	25.66 1.18 0.00	21.10 1.03 0.00	30.32 1.53 0.00	30.76 1.58 0.00	38.05 2.04 0.00	56.84 2.97 0.00	55.33 2.86 0.00	69.52 2.82 0.00	48.87 2.21 0.00	35.89 1.29 0.00	33.00 1.02 0.00
NORTHPORT___4 23650	38.90 1.75 0.00	36.21 1.56 0.00	28.53 1.29 0.00	27.43 1.06 0.00	29.37 1.11 0.00	32.05 1.09 0.00	33.74 1.41 0.00	37.13 1.59 0.00	43.58 1.94 0.00	53.60 2.07 0.00	60.84 1.98 0.00	52.25 2.07 0.00	29.17 1.28 0.00	25.66 1.18 0.00	21.10 1.03 0.00	30.32 1.53 0.00	30.76 1.58 0.00	38.05 2.04 0.00	56.84 2.97 0.00	55.33 2.86 0.00	69.52 2.82 0.00	48.87 2.21 0.00	35.89 1.29 0.00	33.00 1.02 0.00
NORTHPORT___IC 23718	39.05 1.90 0.00	36.36 1.71 0.00	28.64 1.40 0.00	27.52 1.15 0.00	29.48 1.22 0.00	32.20 1.24 0.00	33.97 1.65 0.00	37.37 1.83 0.00	43.86 2.23 0.00	53.84 2.31 0.00	61.04 2.19 0.00	52.40 2.22 0.00	29.25 1.35 0.00	25.72 1.24 0.00	21.14 1.08 0.00	30.38 1.59 0.00	30.85 1.68 0.00	38.21 2.19 0.00	57.09 3.22 0.00	55.70 3.23 0.00	69.89 3.20 0.00	49.14 2.47 0.00	36.06 1.46 0.00	33.18 1.20 0.00
NORTH___COUNTRY_ESR 323785	-23.65 -0.93 59.87	-23.82 -0.92 57.56	-23.37 -0.77 49.84	-23.32 -0.74 48.95	-19.16 -0.79 46.63	-5.28 -0.84 35.39	-1.07 -0.92 32.48	-18.57 -1.06 53.05	-24.03 -1.32 64.35	-24.53 -1.42 74.64	-24.73 -1.60 81.98	-23.88 -1.49 72.56	-23.10 -0.78 50.22	-10.96 -0.65 34.79	-23.02 -0.57 42.52	-23.23 -0.83 51.19	-23.40 -0.84 51.74	-23.78 -1.01 58.78	-24.58 -1.45 76.99	-12.73 -1.36 63.84	0.65 -1.59 64.45	-24.16 -1.01 69.82	-23.46 -0.66 57.39	-10.22 -0.55 41.64
NPX_GEN_1385_PROXY 323591	38.92 1.77 0.00	36.36 1.71 0.00	28.63 1.39 0.00	27.33 0.96 0.00	29.28 1.02 0.00	31.99 1.03 0.00	32.64 1.92 1.61	37.44 1.90 0.00	43.92 2.28 0.00	53.35 1.83 0.00	60.81 1.96 0.00	52.20 2.03 0.00	29.09 1.19 0.00	25.42 0.94 0.00	20.89 0.83 0.00	30.04 1.25 0.00	30.68 1.50 0.00	37.99 1.98 0.00	56.54 2.67 0.00	55.67 3.19 0.00	68.76 2.06 0.00	48.76 2.09 0.00	35.59 0.99 0.00	33.10 1.13 0.00
NPX_GEN_CSC 323557	38.82 1.67 0.00	35.78 1.13 0.00	28.20 0.96 0.00	27.12 0.75 0.00	29.04 0.78 0.00	31.71 0.75 0.00	32.12 1.40 1.61	37.57 2.03 0.00	44.09 2.45 0.00	53.45 1.92 0.00	59.07 0.38 0.16	32.55 0.20 17.82	28.11 0.33 0.12	24.86 0.38 0.00	20.44 0.37 0.00	29.36 0.57 0.00	29.95 0.77 0.00	37.30 1.28 0.00	56.04 2.17 0.00	54.84 2.36 0.00	69.02 2.33 0.00	48.85 2.18 0.00	35.76 1.16 0.00	32.82 0.85 0.00
NSINS_S___GLNS_FALLS 23858	39.53 2.37 0.00	36.78 2.13 0.00	28.90 1.66 0.00	27.95 1.58 0.00	30.01 1.75 0.00	32.86 1.90 0.00	34.48 2.15 0.00	37.95 2.41 0.00	44.51 2.87 0.00	54.77 3.24 0.00	62.40 3.54 0.00	53.16 2.99 0.00	29.69 1.79 0.00	26.10 1.62 0.00	21.48 1.42 0.00	31.06 2.27 0.00	31.36 2.18 0.00	38.89 2.87 0.00	58.14 4.27 0.00	56.71 4.24 0.00	71.38 4.68 0.00	49.72 3.05 0.00	36.77 2.17 0.00	33.77 1.80 0.00
NUCOR_STEEL___DRP 24197	36.57 -0.58 0.00	34.11 -0.54 0.00	26.76 -0.48 0.00	25.95 -0.43 0.00	27.80 -0.46 0.00	30.50 -0.46 0.00	31.81 -0.52 0.00	35.04 -0.51 0.00	41.08 -0.56 0.00	50.90 -0.63 0.00	58.10 -0.75 0.00	49.25 -1.00 -0.08	29.95 -0.53 -2.59	24.02 -0.45 0.00	19.58 -0.48 0.00	28.28 -0.51 0.00	28.60 -0.58 0.00	35.49 -0.52 0.00	53.20 -0.67 0.00	51.88 -0.60 0.00	66.08 -0.62 0.00	46.05 -0.62 0.00	34.19 -0.41 0.00	31.69 -0.28 0.00
NUMBER_THREE_WT_PWR 323818	38.62 -1.15 -2.61	35.84 -1.32 -2.51	28.25 -1.16 -2.17	27.42 -1.09 -2.14	29.07 -1.22 -2.03	31.19 -1.32 -1.54	32.42 -1.32 -1.42	36.47 -1.39 -2.31	42.88 -1.57 -2.80	52.99 -1.80 -3.26	60.41 -2.02 -3.58	51.58 -1.76 -3.16	29.04 -1.05 -2.19	25.89 -0.10 -1.52	21.37 -0.55 -1.86	29.87 -1.15 -2.23	30.38 -1.05 -2.25	37.34 -1.25 -2.58	55.97 -1.28 -3.38	53.67 -1.61 -2.80	68.13 -1.39 -2.83	49.39 -0.35 -3.07	36.95 -0.17 -2.52	33.92 0.12 -1.83
NYISO_LBMP_REFERENCE 24008	37.15 0.00 0.00	34.65 0.00 0.00	27.24 0.00 0.00	26.37 0.00 0.00	28.26 0.00 0.00	30.96 0.00 0.00	32.33 0.00 0.00	35.55 0.00 0.00	41.64 0.00 0.00	51.53 0.00 0.00	58.85 0.00 0.00	50.17 0.00 0.00	27.90 0.00 0.00	24.48 0.00 0.00	20.07 0.00 0.00	28.79 0.00 0.00	29.18 0.00 0.00	36.01 0.00 0.00	53.87 0.00 0.00	52.47 0.00 0.00	66.70 0.00 0.00	46.67 0.00 0.00	34.60 0.00 0.00	31.98 0.00 0.00

NYPA_BRENTWD____GT 24164	39.35 2.19 0.00	36.58 1.93 0.00	28.81 1.57 0.00	27.70 1.33 0.00	29.68 1.41 0.00	32.43 1.47 0.00	34.20 1.87 0.00	37.68 2.13 0.00	44.22 2.58 0.00	54.31 2.78 0.00	61.41 2.56 0.00	52.64 2.46 0.00	29.39 1.49 0.00	25.88 1.41 0.00	21.28 1.22 0.00	30.59 1.80 0.00	31.07 1.89 0.00	38.49 2.48 0.00	57.57 3.70 0.00	56.20 3.73 0.00	70.67 3.97 0.00	49.64 2.98 0.00	36.40 1.80 0.00	33.44 1.46 0.00
NYPA_GOWANUS____GT5 24156	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NYPA_GOWANUS____GT6 24157	49.88 2.26 -10.47	49.19 2.18 -12.36	48.56 1.81 -19.51	48.55 1.59 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.21 2.05 -14.84	49.30 2.29 -11.47	50.15 2.74 -5.77	54.89 3.15 -0.21	62.54 3.60 -0.08	75.85 3.39 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.26 2.00 -19.08	51.27 2.43 -12.82	72.91 3.48 -15.56	96.57 3.38 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.50 -16.49
NYPA_HARLEM__RVR__GT1 24160	38.93 1.77 -0.01	36.34 1.69 -0.01	28.64 1.39 -0.01	27.62 1.25 -0.01	29.60 1.33 -0.01	32.41 1.45 0.00	33.95 1.62 0.00	37.34 1.80 0.00	43.78 2.14 0.00	53.96 2.45 0.01	61.59 2.74 0.00	52.88 2.71 0.00	29.42 1.52 0.00	25.85 1.38 0.01	21.26 1.20 0.01	30.52 1.72 0.00	30.80 1.62 0.00	37.97 1.96 0.00	56.63 2.76 0.01	55.09 2.63 0.00	69.88 3.18 0.00	48.73 2.06 0.00	35.94 1.34 0.00	33.07 1.10 -0.01
NYPA_HARLEM__RVR__GT2 24161	38.93 1.77 -0.01	36.34 1.69 -0.01	28.64 1.39 -0.01	27.62 1.25 -0.01	29.60 1.33 -0.01	32.41 1.45 0.00	33.95 1.62 0.00	37.34 1.80 0.00	43.78 2.14 0.00	53.96 2.45 0.01	61.59 2.74 0.00	52.88 2.71 0.00	29.42 1.52 0.00	25.85 1.38 0.01	21.26 1.20 0.01	30.52 1.72 0.00	30.80 1.62 0.00	37.97 1.96 0.00	56.63 2.76 0.01	55.09 2.63 0.00	69.88 3.18 0.00	48.73 2.06 0.00	35.94 1.34 0.00	33.07 1.10 -0.01
NYPA_KENT____GT 24152	45.69 2.14 -6.40	44.48 2.07 -7.77	41.25 1.71 -12.29	40.78 1.52 -12.90	41.47 1.63 -11.57	42.41 1.79 -9.66	43.22 1.96 -8.93	44.63 2.19 -6.90	47.75 2.63 -3.48	54.70 3.04 -0.13	62.34 3.44 -0.05	66.84 3.26 -13.41	42.80 1.82 -13.08	43.11 1.62 -17.01	47.03 1.39 -25.57	45.02 2.00 -14.23	42.59 1.93 -11.48	46.08 2.34 -7.72	66.61 3.36 -9.37	87.46 3.23 -31.76	112.39 3.82 -41.87	89.09 2.56 -39.85	46.08 1.71 -9.77	43.31 1.41 -9.93
NYPA_POUCH1____GT 24155	49.79 2.17 -10.47	49.13 2.12 -12.36	48.51 1.76 -19.51	48.48 1.53 -20.59	48.39 1.65 -18.48	48.60 1.82 -15.82	49.13 1.96 -14.84	49.20 2.19 -11.47	50.04 2.63 -5.77	54.72 2.98 -0.21	62.36 3.43 -0.08	75.71 3.25 -22.28	50.45 1.81 -20.74	50.21 1.60 -24.14	59.91 1.38 -38.46	53.69 2.00 -22.90	50.19 1.93 -19.08	51.19 2.35 -12.82	72.74 3.31 -15.56	92.29 3.24 -36.58	93.44 3.66 -23.08	85.59 2.58 -36.34	50.18 1.74 -13.85	49.89 1.43 -16.49
NYPA_VERNON____GT2 24162	41.50 2.03 -2.32	39.78 1.96 -3.18	33.95 1.63 -5.08	33.01 1.44 -5.20	34.48 1.55 -4.66	36.15 1.69 -3.50	37.22 1.87 -3.02	39.98 2.10 -2.34	45.35 2.53 -1.18	54.47 2.90 -0.04	62.15 3.28 -0.02	57.83 3.12 -4.54	35.08 1.75 -5.43	35.94 1.57 -9.89	34.08 1.35 -12.67	36.29 1.94 -5.56	34.91 1.85 -3.89	40.90 2.26 -2.63	60.29 3.23 -3.19	78.36 3.09 -22.80	115.98 3.72 -45.56	92.48 2.45 -43.36	41.91 1.62 -5.69	36.67 1.32 -3.37
NYPA_VERNON____GT3 24163	41.50 2.03 -2.32	39.78 1.96 -3.18	33.95 1.63 -5.08	33.01 1.44 -5.20	34.48 1.55 -4.66	36.15 1.69 -3.50	37.22 1.87 -3.02	39.98 2.10 -2.34	45.35 2.53 -1.18	54.47 2.90 -0.04	62.15 3.28 -0.02	57.83 3.12 -4.54	35.08 1.75 -5.43	35.94 1.57 -9.89	34.08 1.35 -12.67	36.29 1.94 -5.56	34.91 1.85 -3.89	40.90 2.26 -2.63	60.29 3.23 -3.19	78.36 3.09 -22.80	115.98 3.72 -45.56	92.48 2.45 -43.36	41.91 1.62 -5.69	36.67 1.32 -3.37
NYPA__ASTORIA_CC1 323568	39.15 1.99 -0.01	37.03 1.93 -0.45	29.72 1.61 -0.88	28.81 1.43 -1.02	30.70 1.53 -0.91	32.90 1.66 -0.28	34.17 1.84 0.00	37.61 2.06 -0.01	44.13 2.49 -0.01	54.38 2.85 0.00	62.07 3.22 0.00	53.25 3.07 0.00	30.83 1.71 -1.22	31.05 1.55 -5.03	26.29 1.33 -4.89	31.60 1.91 -0.91	31.00 1.82 0.00	38.25 2.22 -0.02	57.07 3.18 -0.02	70.15 3.03 -14.65	108.53 3.67 -38.17	85.39 2.40 -36.33	39.08 1.58 -2.90	33.27 1.29 -0.01
NYPA__ASTORIA_CC2 323569	39.15 1.99 -0.01	37.03 1.93 -0.45	29.72 1.61 -0.88	28.81 1.43 -1.02	30.70 1.53 -0.91	32.90 1.66 -0.28	34.17 1.84 0.00	37.61 2.06 -0.01	44.13 2.49 -0.01	54.38 2.85 0.00	62.07 3.22 0.00	53.25 3.07 0.00	30.83 1.71 -1.22	31.05 1.55 -5.03	26.29 1.33 -4.89	31.60 1.91 -0.91	31.00 1.82 0.00	38.25 2.22 -0.02	57.07 3.18 -0.02	70.15 3.03 -14.65	108.53 3.67 -38.17	85.39 2.40 -36.33	39.08 1.58 -2.90	33.27 1.29 -0.01
NYPA__HOLTSVILL 23794	39.04 1.89 0.00	36.25 1.60 0.00	28.57 1.33 0.00	27.47 1.10 0.00	29.43 1.17 0.00	32.13 1.17 0.00	33.93 1.60 0.00	37.45 1.91 0.00	43.96 2.32 0.00	53.88 2.34 0.00	60.71 1.85 0.00	52.00 1.83 0.00	29.08 1.18 0.00	25.59 1.11 0.00	21.04 0.97 0.00	30.24 1.44 0.00	30.71 1.53 0.00	38.07 2.06 0.00	56.99 3.12 0.00	55.65 3.18 0.00	70.01 3.31 0.00	49.24 2.57 0.00	36.10 1.50 0.00	33.16 1.18 0.00
NYPA__HELLGATE_GT1 24158	38.93 1.77 -0.01	36.34 1.69 -0.01	28.64 1.39 -0.01	27.62 1.25 -0.01	29.60 1.33 -0.01	32.41 1.45 0.00	33.95 1.62 0.00	37.34 1.80 -0.01	43.79 2.14 -0.01	53.97 2.45 0.00	61.59 2.74 0.00	52.88 2.71 0.00	29.42 1.52 0.00	25.85 1.38 0.01	21.26 1.20 0.01	30.52 1.72 0.00	30.80 1.62 0.00	37.97 1.96 0.00	56.63 2.76 0.01	55.09 2.63 0.00	69.88 3.18 0.00	48.73 2.06 0.00	35.94 1.34 0.00	33.07 1.10 -0.01
NYPA__HELLGATE_GT2 24159	38.93 1.77 -0.01	36.34 1.69 -0.01	28.64 1.39 -0.01	27.62 1.25 -0.01	29.60 1.33 -0.01	32.41 1.45 0.00	33.95 1.62 0.00	37.34 1.80 -0.01	43.79 2.14 -0.01	53.97 2.45 0.00	61.59 2.74 0.00	52.88 2.71 0.00	29.42 1.52 0.00	25.85 1.38 0.01	21.26 1.20 0.01	30.52 1.72 0.00	30.80 1.62 0.00	37.97 1.96 0.00	56.63 2.76 0.01	55.09 2.63 0.00	69.88 3.18 0.00	48.73 2.06 0.00	35.94 1.34 0.00	33.07 1.10 -0.01
NYS_BARGE__HYD 23848	26.67 -3.73 6.76	24.66 -3.38 6.61	20.36 -2.78 4.09	18.69 -2.50 5.19	19.94 -2.69 5.63	24.80 -2.92 3.24	21.48 -3.73 7.12	23.25 -4.21 8.08	27.97 -4.88 8.79	36.13 -5.48 9.92	41.83 -6.51 10.51	34.58 -5.84 9.75	14.40 -3.25 10.24	15.54 -3.08 5.86	12.59 -2.47 5.02	18.43 -3.31 7.05	18.81 -3.35 7.01	23.56 -4.27 8.19	37.28 -6.07 10.52	42.84 -5.85 3.78	60.06 -6.64 0.00	42.41 -4.26 0.00	31.57 -3.03 0.00	29.28 -2.70 0.00

OAK ORCHARD___HYD 24046	34.94 -2.22 0.00	32.69 -1.97 0.00	25.61 -1.63 0.00	24.91 -1.46 0.00	26.69 -1.57 0.00	29.24 -1.72 0.00	30.17 -2.16 0.00	33.16 -2.39 0.00	38.91 -2.73 0.00	48.51 -3.02 0.00	55.28 -3.57 0.00	46.75 -3.30 0.12	22.16 -1.92 3.82	22.73 -1.74 0.00	18.67 -1.39 0.00	26.95 -1.85 0.00	25.54 -1.87 1.77	31.61 -2.34 2.06	47.99 -3.23 2.65	48.36 -3.16 0.95	63.12 -3.57 0.00	44.35 -2.32 0.00	32.91 -1.69 0.00	30.47 -1.50 0.00
OAKDALE___35_KV_LOAD 356122	36.31 -0.84 0.00	33.89 -0.76 0.00	26.58 -0.66 0.00	25.82 -0.55 0.00	27.70 -0.56 0.00	30.35 -0.61 0.00	31.63 -0.70 0.00	34.86 -0.68 0.00	40.86 -0.78 0.00	50.55 -0.98 0.00	57.75 -1.11 0.00	48.98 -1.06 0.13	23.38 -0.66 3.86	23.89 -0.59 0.00	19.58 -0.49 0.00	28.15 -0.65 0.00	29.77 -0.64 -1.23	36.67 -0.78 -1.44	54.67 -1.04 -1.85	52.16 -0.98 -0.66	65.69 -1.01 0.00	45.96 -0.70 0.00	33.99 -0.61 0.00	31.43 -0.54 0.00
OCC_CHEM___DRP 24175	26.83 -3.97 6.35	24.94 -3.49 6.22	20.55 -2.84 3.85	18.95 -2.55 4.88	20.22 -2.75 5.29	24.86 -3.06 3.05	21.72 -3.92 6.69	23.46 -4.49 7.60	28.15 -5.23 8.26	36.30 -5.90 9.33	42.02 -6.95 9.88	34.73 -6.26 9.18	14.42 -3.40 10.07	15.77 -3.20 5.51	12.74 -2.61 4.71	18.57 -3.59 6.63	18.96 -3.63 6.58	23.80 -4.52 7.69	37.47 -6.52 9.87	42.61 -6.32 3.54	59.50 -7.20 0.00	42.06 -4.61 0.00	31.37 -3.23 0.00	29.10 -2.88 0.00
OH_GEN_PROXY 24063	27.57 -3.72 5.87	25.62 -3.29 5.74	20.99 -2.70 3.56	19.44 -2.43 4.51	20.76 -2.61 4.89	25.28 -2.87 2.82	20.89 -3.65 7.79	24.40 -4.12 7.02	29.22 -4.79 7.63	37.53 -5.37 8.63	43.31 -6.41 9.14	35.94 -5.74 8.49	15.10 -3.21 9.58	16.41 -2.97 5.09	13.29 -2.42 4.36	19.34 -3.33 6.13	19.69 -3.36 6.12	24.68 -4.19 7.15	38.71 -5.99 9.18	43.31 -5.87 3.29	60.00 -6.69 0.00	42.39 -4.28 0.00	31.56 -3.04 0.00	29.25 -2.73 0.00
OLIN_CORP_DRP 24177	26.80 -4.15 6.21	24.81 -3.77 6.07	20.40 -3.08 3.76	18.80 -2.80 4.76	20.08 -3.01 5.17	24.72 -3.26 2.98	21.62 -4.17 6.54	23.38 -4.74 7.43	28.05 -5.52 8.07	36.15 -6.27 9.12	41.83 -7.37 9.65	34.59 -6.61 8.97	14.33 -3.52 10.06	15.70 -3.40 5.38	12.70 -2.75 4.61	18.54 -3.77 6.48	18.92 -3.81 6.44	23.71 -4.79 7.52	37.33 -6.88 9.65	42.37 -6.65 3.46	59.09 -7.60 0.00	41.77 -4.89 0.00	31.15 -3.45 0.00	28.91 -3.07 0.00
OLIN_CORP_DSASP 323712	26.89 -3.91 6.35	24.99 -3.44 6.22	20.58 -2.81 3.85	18.99 -2.51 4.88	20.25 -2.72 5.29	24.90 -3.01 3.05	21.78 -3.85 6.69	23.55 -4.39 7.60	28.26 -5.12 8.26	36.47 -5.73 9.33	42.19 -6.78 9.88	34.92 -6.08 9.18	14.44 -3.39 10.07	15.83 -3.14 5.51	12.80 -2.56 4.71	18.65 -3.51 6.63	19.03 -3.56 6.58	23.89 -4.44 7.69	37.60 -6.39 9.87	42.67 -6.26 3.54	59.51 -7.19 0.00	42.09 -4.58 0.00	31.37 -3.23 0.00	29.10 -2.88 0.00
ONEIDA_HERK_LFGE 323681	38.31 -0.09 -1.25	35.66 -0.19 -1.20	28.07 -0.21 -1.04	27.21 -0.18 -1.02	29.00 -0.23 -0.97	31.46 -0.23 -0.73	32.82 -0.19 -0.68	36.51 -0.14 -1.10	42.89 -0.09 -1.34	53.03 -0.05 -1.55	60.53 -0.02 -1.71	51.68 0.00 -1.51	28.89 -0.05 -1.04	25.49 0.29 -0.72	20.99 0.04 -0.88	29.78 -0.08 -1.06	30.23 -0.02 -1.07	37.29 0.03 -1.25	55.81 0.30 -1.64	54.00 0.17 -1.36	68.49 0.42 -1.37	48.69 0.54 -1.49	36.23 0.41 -1.22	33.33 0.47 -0.89
ONEIDA___115KV_TB4 55905	37.38 0.23 0.00	34.82 0.17 0.00	27.34 0.10 0.00	26.48 0.10 0.00	28.37 0.10 0.00	31.11 0.15 0.00	32.53 0.20 0.00	35.85 0.30 0.00	42.07 0.43 0.00	52.09 0.56 0.00	59.55 0.70 0.00	50.80 0.62 0.00	28.15 0.26 0.00	24.80 0.33 0.00	20.24 0.17 0.00	29.03 0.24 0.00	29.47 0.30 0.00	36.58 0.57 0.00	54.94 1.07 0.00	53.50 1.03 0.00	68.03 1.33 0.00	47.69 1.02 0.00	35.32 0.72 0.00	32.67 0.69 0.00
ONONDAGA_REF_OCCRA 23987	36.39 -0.76 0.00	33.94 -0.71 0.00	26.64 -0.61 0.00	25.83 -0.54 0.00	27.69 -0.57 0.00	30.35 -0.61 0.00	31.65 -0.68 0.00	34.86 -0.69 0.00	40.87 -0.77 0.00	50.63 -0.90 0.00	57.82 -1.03 0.00	49.28 -0.95 -0.06	29.14 -0.56 -1.80	23.97 -0.51 0.00	19.60 -0.47 0.00	28.18 -0.62 0.00	28.58 -0.60 0.00	35.27 -0.74 0.00	52.83 -1.04 0.00	51.48 -0.99 0.00	65.55 -1.15 0.00	45.88 -0.78 0.00	33.99 -0.61 0.00	31.50 -0.47 0.00
ONONDAGA___COGEN 23986	36.39 -0.76 0.00	33.95 -0.70 0.00	26.64 -0.60 0.00	25.83 -0.54 0.00	27.69 -0.57 0.00	30.35 -0.61 0.00	31.66 -0.67 0.00	34.86 -0.69 0.00	40.87 -0.77 0.00	50.60 -0.93 0.00	57.80 -1.05 0.00	49.18 -0.99 0.00	27.33 -0.57 0.00	23.96 -0.52 0.00	19.59 -0.48 0.00	28.17 -0.62 0.00	28.58 -0.60 0.00	35.28 -0.73 0.00	52.85 -1.02 0.00	51.52 -0.95 0.00	65.60 -1.10 0.00	45.86 -0.81 0.00	34.00 -0.60 0.00	31.51 -0.47 0.00
ONTARIO___LFGE 23819	39.67 -1.50 -4.02	37.21 -1.38 -3.94	28.49 -1.18 -2.44	28.43 -1.03 -3.09	30.57 -1.05 -3.35	31.73 -1.16 -1.93	35.26 -1.31 -4.24	39.01 -1.35 -4.82	45.24 -1.63 -5.23	55.47 -1.96 -5.90	62.82 -2.28 -6.24	53.35 -2.27 -5.44	21.52 -1.33 5.04	26.85 -1.11 -3.48	22.13 -0.91 -2.98	31.84 -1.15 -4.19	37.17 -0.94 -8.94	45.17 -1.28 -10.43	65.57 -1.70 -13.39	56.01 -1.27 -4.81	65.63 -1.07 0.00	45.88 -0.78 0.00	33.76 -0.84 0.00	31.31 -0.67 0.00
ORANGEVILLE_WT_PWR 323706	-11.72 -4.36 44.52	-12.86 -3.96 43.56	-3.00 -3.28 26.96	-10.81 -3.00 34.17	-11.93 -3.10 37.09	6.08 -3.53 21.35	-18.34 -3.76 46.91	-21.69 -3.98 53.26	-20.97 -4.70 57.91	-19.56 -5.81 65.28	-17.11 -6.92 69.04	-19.08 -6.12 63.14	-16.40 -3.53 40.78	-17.03 -3.07 38.44	-15.31 -2.47 32.91	-20.70 -3.20 46.29	-17.76 -3.21 43.72	-19.10 -4.06 51.05	-17.43 -5.75 65.54	23.63 -5.32 23.52	60.83 -5.87 0.00	42.61 -4.06 0.00	31.36 -3.24 0.00	29.25 -2.72 0.00
ORANGEVILLE___ESR 323794	-11.72 -4.36 44.52	-12.86 -3.96 43.56	-3.00 -3.28 26.96	-10.81 -3.00 34.17	-11.93 -3.10 37.09	6.08 -3.53 21.35	-18.34 -3.76 46.91	-21.69 -3.98 53.26	-20.97 -4.70 57.91	-19.56 -5.81 65.28	-17.11 -6.92 69.04	-19.08 -6.12 63.14	-16.40 -3.53 40.78	-17.03 -3.07 38.44	-15.31 -2.47 32.91	-20.70 -3.20 46.29	-17.76 -3.21 43.72	-19.10 -4.06 51.05	-17.43 -5.75 65.54	23.63 -5.32 23.52	60.83 -5.87 0.00	42.61 -4.06 0.00	31.36 -3.24 0.00	29.25 -2.72 0.00
OSWEGATCHIE___HYD 24044	42.12 -0.94 -5.90	39.29 -1.04 -5.67	31.23 -0.92 -4.91	30.29 -0.91 -4.83	31.86 -1.00 -4.60	33.35 -1.10 -3.49	34.40 -1.14 -3.20	39.52 -1.25 -5.23	46.53 -1.45 -6.35	57.30 -1.59 -7.36	65.13 -1.81 -8.08	55.68 -1.65 -7.16	31.91 -0.94 -4.95	27.44 -0.47 -3.43	23.65 -0.61 -4.19	32.79 -1.05 -5.05	33.30 -0.98 -5.10	40.64 -1.18 -5.80	60.10 -1.37 -7.60	57.26 -1.52 -6.31	71.56 -1.50 -6.37	52.95 -0.61 -6.90	39.88 -0.39 -5.67	35.92 -0.17 -4.11
OSWEGO___5 23606	35.93 -1.22 0.00	33.52 -1.13 0.00	26.32 -0.92 0.00	25.52 -0.85 0.00	27.35 -0.91 0.00	29.97 -0.99 0.00	31.24 -1.08 0.00	34.38 -1.17 0.00	40.30 -1.34 0.00	49.93 -1.61 0.00	57.01 -1.84 0.00	48.54 -1.63 0.00	26.96 -0.94 0.00	23.64 -0.83 0.00	19.36 -0.71 0.00	27.79 -1.00 0.00	28.20 -0.98 0.00	34.79 -1.22 0.00	52.12 -1.75 0.00	50.77 -1.70 0.00	64.66 -2.03 0.00	45.25 -1.42 0.00	33.56 -1.04 0.00	31.13 -0.84 0.00

OSWEGO___6 23613	35.93 -1.22 0.00	33.52 -1.13 0.00	26.32 -0.92 0.00	25.52 -0.85 0.00	27.35 -0.91 0.00	29.97 -0.99 0.00	31.24 -1.08 0.00	34.38 -1.17 0.00	40.30 -1.34 0.00	49.93 -1.61 0.00	57.01 -1.84 0.00	48.54 -1.63 0.00	26.96 -0.94 0.00	23.64 -0.83 0.00	19.36 -0.71 0.00	27.79 -1.00 0.00	28.20 -0.98 0.00	34.79 -1.22 0.00	52.12 -1.75 0.00	50.77 -1.70 0.00	64.66 -2.03 0.00	45.25 -1.42 0.00	33.56 -1.04 0.00	31.13 -0.84 0.00
OUTOKUMPU-AB___DRP 24206	27.68 -3.43 6.04	25.71 -3.03 5.91	21.08 -2.50 3.66	19.50 -2.24 4.64	20.83 -2.40 5.03	25.43 -2.63 2.90	22.53 -3.43 6.37	24.41 -3.90 7.23	29.25 -4.53 7.86	37.62 -5.04 8.88	43.51 -5.94 9.40	36.03 -5.40 8.75	14.95 -2.94 10.01	16.42 -2.81 5.24	13.33 -2.26 4.49	19.42 -3.07 6.31	19.80 -3.11 6.27	24.76 -3.93 7.32	38.90 -5.57 9.40	43.74 -5.36 3.37	60.75 -5.95 0.00	42.94 -3.73 0.00	31.96 -2.64 0.00	29.64 -2.34 0.00
OXBOW___BTM 323836	27.27 -3.69 6.19	25.32 -3.27 6.06	20.80 -2.69 3.75	19.24 -2.38 4.76	20.52 -2.58 5.16	25.15 -2.84 2.97	22.14 -3.66 6.53	23.97 -4.16 7.41	28.76 -4.82 8.06	37.06 -5.36 9.10	42.87 -6.35 9.64	35.51 -5.70 8.96	14.67 -3.18 10.04	16.14 -2.97 5.37	13.07 -2.40 4.60	19.05 -3.28 6.47	19.42 -3.33 6.43	24.33 -4.18 7.50	38.26 -5.98 9.63	43.17 -5.84 3.46	60.07 -6.63 0.00	42.47 -4.20 0.00	31.62 -2.98 0.00	29.31 -2.66 0.00
OXBOW____ 24026	27.21 -3.75 6.19	25.28 -3.31 6.06	20.78 -2.71 3.75	19.19 -2.43 4.76	20.49 -2.61 5.16	25.11 -2.88 2.97	22.08 -3.72 6.53	23.89 -4.24 7.41	28.65 -4.93 8.06	36.90 -5.53 9.10	42.72 -6.49 9.64	35.33 -5.88 8.96	14.66 -3.19 10.04	16.08 -3.03 5.37	13.02 -2.45 4.60	18.97 -3.35 6.47	19.36 -3.40 6.43	24.25 -4.27 7.50	38.13 -6.11 9.63	43.11 -5.90 3.46	60.05 -6.64 0.00	42.43 -4.24 0.00	31.62 -2.98 0.00	29.32 -2.66 0.00
OXY_CHEM_DSASP 323612	26.83 -3.97 6.35	24.94 -3.49 6.22	20.55 -2.84 3.85	18.95 -2.55 4.88	20.22 -2.75 5.29	24.86 -3.06 3.05	21.72 -3.92 6.69	23.46 -4.49 7.60	28.15 -5.23 8.26	36.30 -5.90 9.33	42.02 -6.95 9.88	34.73 -6.26 9.18	14.42 -3.40 10.07	15.77 -3.20 5.51	12.74 -2.61 4.71	18.57 -3.59 6.63	18.96 -3.63 6.58	23.80 -4.52 7.69	37.47 -6.52 9.87	42.61 -6.32 3.54	59.50 -7.20 0.00	42.06 -4.61 0.00	31.37 -3.23 0.00	29.10 -2.88 0.00
OZONE_PARK_ESR 323760	39.32 2.16 0.00	36.74 2.09 0.00	28.96 1.72 0.00	27.91 1.54 0.00	29.90 1.63 0.00	32.76 1.80 0.00	34.32 2.00 0.00	37.77 2.22 0.00	44.32 2.68 0.00	54.68 3.15 0.00	62.40 3.55 0.00	53.52 3.35 0.00	29.76 1.87 0.00	26.16 1.69 0.00	21.51 1.44 0.00	30.86 2.06 0.00	31.16 1.98 0.00	38.43 2.41 0.00	57.41 3.54 0.00	55.84 3.37 0.00	70.76 4.06 0.00	49.33 2.67 0.00	36.37 1.77 0.00	33.42 1.45 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	26.83 -3.97 6.35	24.94 -3.49 6.22	20.55 -2.84 3.85	18.95 -2.55 4.88	20.22 -2.75 5.29	24.86 -3.06 3.05	21.72 -3.92 6.69	23.46 -4.49 7.60	28.15 -5.23 8.26	36.30 -5.90 9.33	42.02 -6.95 9.88	34.73 -6.26 9.18	14.42 -3.40 10.07	15.77 -3.20 5.51	12.74 -2.61 4.71	18.57 -3.59 6.63	18.96 -3.63 6.58	23.80 -4.52 7.69	37.47 -6.52 9.87	42.61 -6.32 3.54	59.50 -7.20 0.00	42.06 -4.61 0.00	31.37 -3.23 0.00	29.10 -2.88 0.00
PACKARD___115KV_DUPONT_184 80571	26.83 -3.97 6.35	24.94 -3.49 6.22	20.55 -2.84 3.85	18.95 -2.55 4.88	20.22 -2.75 5.29	24.86 -3.06 3.05	21.72 -3.92 6.69	23.46 -4.49 7.60	28.15 -5.23 8.26	36.30 -5.90 9.33	42.02 -6.95 9.88	34.73 -6.26 9.18	14.42 -3.40 10.07	15.77 -3.20 5.51	12.74 -2.61 4.71	18.57 -3.59 6.63	18.96 -3.63 6.58	23.80 -4.52 7.69	37.47 -6.52 9.87	42.61 -6.32 3.54	59.50 -7.20 0.00	42.06 -4.61 0.00	31.37 -3.23 0.00	29.10 -2.88 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	38.96 1.80 -0.01	36.37 1.71 -0.01	28.68 1.43 -0.01	27.64 1.26 -0.01	29.62 1.35 -0.01	32.45 1.48 -0.01	34.03 1.70 0.00	37.45 1.91 -0.01	43.93 2.28 -0.01	54.14 2.61 0.00	61.77 2.92 0.00	53.00 2.83 0.00	29.46 1.56 0.00	25.89 1.42 0.01	21.29 1.23 0.01	30.54 1.75 0.00	30.84 1.66 0.00	38.03 2.01 0.00	56.76 2.89 0.00	55.23 2.75 0.00	70.01 3.32 0.00	48.81 2.14 0.00	35.99 1.39 0.00	33.13 1.15 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	39.13 1.97 -0.01	36.54 1.88 -0.01	28.80 1.55 -0.01	27.74 1.36 -0.01	29.73 1.46 -0.01	32.59 1.62 -0.01	34.04 1.71 0.00	37.50 1.96 -0.01	44.02 2.38 -0.01	54.19 2.66 0.00	61.99 3.14 0.00	53.19 3.02 0.00	29.54 1.65 0.00	25.97 1.50 0.01	21.35 1.28 0.01	30.56 1.77 0.00	30.89 1.71 0.00	38.07 2.05 0.00	56.83 2.96 0.00	55.36 2.88 0.00	70.25 3.56 0.00	48.95 2.28 0.00	36.07 1.47 0.00	33.14 1.16 -0.01
PATROON___115KV_TB1 80586	38.57 1.42 0.00	35.99 1.33 0.00	28.34 1.10 0.00	27.40 1.03 0.00	29.36 1.10 0.00	32.13 1.17 0.00	33.64 1.31 0.00	36.98 1.43 0.00	43.33 1.69 0.00	53.35 1.82 0.00	60.94 2.09 0.00	52.07 1.90 0.00	28.93 1.03 0.00	25.21 0.74 0.00	20.75 0.69 0.00	29.69 0.90 0.00	30.04 0.87 0.00	37.02 1.00 0.00	55.13 1.26 0.00	53.69 1.22 0.00	67.99 1.30 0.00	47.44 0.77 0.00	35.17 0.57 0.00	32.35 0.37 0.00
PATTRSNVILLE___SOLAR 323815	38.29 1.14 0.00	35.71 1.06 0.00	28.08 0.84 0.00	27.16 0.79 0.00	29.11 0.85 0.00	31.87 0.91 0.00	33.33 1.01 0.00	36.66 1.11 0.00	42.96 1.32 0.00	52.96 1.43 0.00	60.42 1.57 0.00	51.67 1.49 0.00	28.74 0.84 0.00	25.23 0.75 0.00	20.70 0.63 0.00	29.75 0.96 0.00	30.18 1.01 0.00	37.33 1.31 0.00	55.92 2.05 0.00	54.51 2.04 0.00	69.18 2.48 0.00	48.34 1.67 0.00	35.80 1.20 0.00	33.00 1.03 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	30.05 -2.71 4.39	27.96 -2.40 4.30	22.57 -2.01 2.66	21.22 -1.77 3.37	22.71 -1.89 3.66	26.83 -2.03 2.11	24.99 -2.71 4.63	27.27 -3.02 5.26	32.43 -3.49 5.72	41.23 -3.85 6.45	47.40 -4.61 6.84	39.45 -4.29 6.43	16.01 -2.29 9.59	18.38 -2.29 3.81	15.00 -1.80 3.26	21.75 -2.45 4.59	22.17 -2.45 4.56	27.47 -3.22 5.33	42.61 -4.42 6.84	45.83 -4.19 2.46	62.32 -4.37 0.00	43.93 -2.74 0.00	32.62 -1.98 0.00	30.22 -1.76 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	39.05 1.90 0.00	36.45 1.79 0.00	28.71 1.47 0.00	27.69 1.32 0.00	29.68 1.42 0.00	32.52 1.56 0.00	34.06 1.74 0.00	37.48 1.94 0.00	44.00 2.36 0.00	54.32 2.79 0.00	62.07 3.22 0.00	53.15 2.98 0.00	29.56 1.66 0.00	25.98 1.50 0.00	21.35 1.28 0.00	30.63 1.83 0.00	30.96 1.78 0.00	38.22 2.21 0.00	57.10 3.23 0.00	55.59 3.12 0.00	70.36 3.67 0.00	49.05 2.38 0.00	36.15 1.55 0.00	33.20 1.23 0.00
PEEKSKILL____ 23653	38.57 1.41 0.00	36.01 1.36 0.00	28.37 1.13 0.00	27.34 0.97 0.00	29.32 1.06 0.00	32.12 1.16 0.00	33.64 1.32 0.00	37.03 1.48 0.00	43.44 1.80 0.00	53.59 2.06 0.00	61.26 2.41 0.00	52.49 2.32 0.00	29.18 1.28 0.00	25.63 1.15 0.00	21.05 0.99 0.00	30.19 1.40 0.00	30.52 1.34 0.00	37.64 1.63 0.00	56.21 2.34 0.00	54.71 2.24 0.00	69.31 2.62 0.00	48.35 1.68 0.00	35.66 1.06 0.00	32.77 0.80 0.00

PGE MADISON___WINDPWR 24146	38.65 0.02 -1.48	36.09 -0.01 -1.45	27.93 -0.21 -0.90	27.50 -0.01 -1.14	29.34 -0.16 -1.23	31.52 -0.15 -0.71	33.74 -0.15 -1.56	37.35 0.03 -1.77	43.76 0.19 -1.93	54.00 0.29 -2.18	61.36 0.21 -2.30	52.64 0.07 -2.40	38.52 -0.09 -10.71	25.67 -0.09 -1.28	20.95 -0.22 -1.10	30.27 -0.06 -1.55	30.96 0.07 -1.71	38.14 0.12 -2.00	57.35 0.91 -2.57	54.46 1.07 -0.92	69.21 2.51 0.00	48.38 1.72 0.00	35.74 1.14 0.00	33.26 1.28 0.00
PIERCEFIELD___HYD 23852	45.53 -0.29 -8.67	42.62 -0.36 -8.33	34.08 -0.37 -7.21	33.12 -0.34 -7.09	34.65 -0.36 -6.75	35.72 -0.36 -5.12	36.61 -0.42 -4.70	42.70 -0.52 -7.68	50.31 -0.65 -9.32	61.79 -0.55 -10.80	70.07 -0.65 -11.87	60.00 -0.68 -10.50	34.80 -0.37 -7.27	29.31 -0.20 -5.04	25.95 -0.28 -6.15	35.76 -0.45 -7.41	36.27 -0.39 -7.49	44.11 -0.42 -8.51	64.59 -0.44 -11.15	61.25 -0.47 -9.25	75.66 -0.37 -9.34	56.86 0.07 -10.11	43.07 0.15 -8.31	38.23 0.22 -6.03
PINELAWN_CC_1 323563	39.19 2.04 0.00	36.47 1.82 0.00	28.72 1.48 0.00	27.61 1.24 0.00	29.58 1.32 0.00	32.33 1.37 0.00	34.04 1.71 0.00	37.50 1.95 0.00	44.02 2.38 0.00	54.11 2.58 0.00	61.37 2.52 0.00	52.54 2.37 0.00	29.32 1.42 0.00	25.83 1.35 0.00	21.23 1.16 0.00	30.54 1.75 0.00	30.99 1.81 0.00	38.36 2.34 0.00	57.35 3.49 0.00	55.90 3.43 0.00	70.42 3.72 0.00	49.40 2.73 0.00	36.23 1.63 0.00	33.28 1.30 0.00
PJM_GEN_HTP_PROXY 323702	38.95 1.80 0.00	36.41 1.76 0.00	28.71 1.47 0.00	27.68 1.31 0.00	29.65 1.40 0.00	32.48 1.52 0.00	34.03 1.70 0.00	37.44 1.90 0.00	43.94 2.30 0.00	54.19 2.66 0.00	61.86 3.01 0.00	53.04 2.87 0.00	29.47 1.57 0.00	25.90 1.42 0.00	21.30 1.23 0.00	30.56 1.77 0.00	30.85 1.68 0.00	38.06 2.04 0.00	56.82 2.95 0.00	55.24 2.77 0.00	70.02 3.33 0.00	48.83 2.17 0.00	36.01 1.40 0.00	33.09 1.12 0.00
PJM_GEN_KEystone 24065	36.43 -0.72 0.00	34.05 -0.61 0.00	26.75 -0.49 0.00	25.90 -0.47 0.00	27.79 -0.47 0.00	30.48 -0.48 0.00	31.69 -0.63 0.00	34.92 -0.63 0.00	40.95 -0.70 0.00	50.67 -0.86 0.00	57.82 -1.04 0.00	49.16 -0.90 0.11	23.82 -0.56 3.51	23.95 -0.52 0.00	19.69 -0.38 0.00	28.25 -0.54 0.00	28.62 -0.56 0.00	35.29 -0.72 0.00	52.87 -1.00 0.00	51.48 -0.99 0.00	65.62 -1.08 0.00	45.93 -0.74 0.00	33.96 -0.64 0.00	31.31 -0.67 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.87 1.72 0.00	36.23 1.58 0.00	28.54 1.30 0.00	27.46 1.09 0.00	29.42 1.16 0.00	32.16 1.20 0.00	33.81 1.48 0.00	37.22 1.68 0.00	43.69 2.05 0.00	53.77 2.25 0.00	61.13 2.28 0.00	52.43 2.26 0.00	29.25 1.35 0.00	25.72 1.24 0.00	21.15 1.08 0.00	30.37 1.58 0.00	30.77 1.60 0.00	38.03 2.02 0.00	56.81 2.94 0.00	55.34 2.87 0.00	69.79 3.09 0.00	48.90 2.23 0.00	35.94 1.34 0.00	33.02 1.05 0.00
PJM_GEN_VFT_PROXY 323633	38.79 1.64 0.00	36.25 1.60 0.00	28.59 1.36 0.00	27.54 1.18 0.00	29.51 1.25 0.00	32.34 1.37 0.00	33.86 1.54 0.00	37.28 1.73 0.00	43.73 2.09 0.00	53.89 2.36 0.00	61.54 2.69 0.00	52.80 2.63 0.00	29.39 1.49 0.00	25.83 1.36 0.00	21.25 1.17 0.00	30.43 1.64 0.00	30.72 1.54 0.00	37.88 1.87 0.00	56.53 2.66 0.00	54.99 2.51 0.00	69.67 2.97 0.00	48.59 1.92 0.00	35.85 1.25 0.00	32.94 0.97 0.00
PLATSBURG_115KV_PMLD1 355749	-20.38 -0.92 56.61	-20.58 -0.81 54.42	-20.63 -0.75 47.12	-20.62 -0.70 46.29	-16.59 -0.76 44.09	-3.33 -0.82 33.46	0.64 -0.97 30.71	-15.67 -1.05 50.16	-20.45 -1.25 60.84	-20.36 -1.32 70.57	-20.22 -1.56 77.51	-20.10 -1.67 68.61	-20.48 -0.90 47.48	-9.19 -0.77 32.89	-20.67 -0.54 40.20	-20.46 -0.86 48.40	-20.59 -0.85 48.92	-20.53 -0.96 55.58	-20.29 -1.37 72.79	-9.30 -1.42 60.36	4.01 -1.75 60.94	-20.32 -0.97 66.02	-20.37 -0.70 54.26	-8.14 -0.74 39.37
PLEASANTVLY___LBMP 24000	38.62 1.47 0.00	36.04 1.39 0.00	28.40 1.16 0.00	27.40 1.03 0.00	29.37 1.11 0.00	32.16 1.20 0.00	33.68 1.36 0.00	37.05 1.51 0.00	43.46 1.82 0.00	53.59 2.06 0.00	61.21 2.36 0.00	52.41 2.24 0.00	29.15 1.25 0.00	25.60 1.13 0.00	21.04 0.98 0.00	30.20 1.41 0.00	30.52 1.35 0.00	37.66 1.65 0.00	56.23 2.36 0.00	54.72 2.25 0.00	69.30 2.60 0.00	48.34 1.67 0.00	35.67 1.07 0.00	32.79 0.82 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.84 1.69 0.00	36.27 1.62 0.00	28.57 1.33 0.00	27.55 1.18 0.00	29.54 1.27 0.00	32.34 1.38 0.00	33.88 1.55 0.00	37.27 1.72 0.00	43.72 2.08 0.00	53.95 2.42 0.00	61.62 2.77 0.00	52.79 2.62 0.00	29.35 1.46 0.00	25.80 1.32 0.00	21.20 1.14 0.00	30.41 1.62 0.00	30.74 1.57 0.00	37.93 1.91 0.00	56.66 2.79 0.00	55.13 2.66 0.00	69.81 3.11 0.00	48.68 2.01 0.00	35.92 1.32 0.00	33.00 1.02 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.84 1.69 0.00	36.27 1.62 0.00	28.57 1.33 0.00	27.55 1.18 0.00	29.54 1.27 0.00	32.34 1.38 0.00	33.88 1.55 0.00	37.27 1.72 0.00	43.72 2.08 0.00	53.95 2.42 0.00	61.62 2.77 0.00	52.79 2.62 0.00	29.35 1.46 0.00	25.80 1.32 0.00	21.20 1.14 0.00	30.41 1.62 0.00	30.74 1.57 0.00	37.93 1.91 0.00	56.66 2.79 0.00	55.13 2.66 0.00	69.81 3.11 0.00	48.68 2.01 0.00	35.92 1.32 0.00	33.00 1.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.89 1.73 0.00	36.28 1.64 0.00	28.58 1.34 0.00	27.58 1.21 0.00	29.55 1.29 0.00	32.37 1.42 0.00	33.90 1.57 0.00	37.30 1.76 0.00	43.78 2.14 0.00	54.02 2.49 0.00	61.71 2.86 0.00	52.83 2.65 0.00	29.39 1.49 0.00	25.80 1.33 0.00	21.20 1.13 0.00	30.41 1.62 0.00	30.77 1.60 0.00	37.98 1.97 0.00	56.71 2.84 0.00	55.20 2.73 0.00	69.93 3.23 0.00	48.75 2.09 0.00	35.95 1.35 0.00	33.04 1.07 0.00
POLETTI___ 23519	39.05 1.90 0.00	36.49 1.84 0.00	28.79 1.55 0.00	27.74 1.37 0.00	29.73 1.46 0.00	32.56 1.61 0.00	34.12 1.79 0.00	37.52 1.98 0.00	44.04 2.39 0.00	54.29 2.76 0.00	61.98 3.13 0.00	53.16 2.98 0.00	29.55 1.66 0.00	25.98 1.50 0.00	21.36 1.29 0.00	30.64 1.85 0.00	30.93 1.75 0.00	38.16 2.14 0.00	56.97 3.11 0.00	55.38 2.91 0.00	70.17 3.48 0.00	48.93 2.27 0.00	36.09 1.49 0.00	33.18 1.21 0.00
POMONA___ESR 323819	38.54 1.38 0.00	35.96 1.31 0.00	28.33 1.09 0.00	27.30 0.93 0.00	29.28 1.02 0.00	32.08 1.12 0.00	33.60 1.27 0.00	36.99 1.45 0.00	43.39 1.75 0.00	53.55 2.02 0.00	61.24 2.38 0.00	52.47 2.30 0.00	29.16 1.27 0.00	25.61 1.14 0.00	21.05 0.98 0.00	30.17 1.37 0.00	30.50 1.32 0.00	37.60 1.59 0.00	56.16 2.29 0.00	54.66 2.19 0.00	69.27 2.58 0.00	48.32 1.65 0.00	35.63 1.03 0.00	32.74 0.77 0.00
PORT_JEFF_3 23555	39.14 1.98 0.00	36.33 1.68 0.00	28.62 1.38 0.00	27.52 1.15 0.00	29.48 1.22 0.00	32.19 1.23 0.00	34.00 1.67 0.00	37.55 2.01 0.00	44.08 2.44 0.00	54.01 2.49 0.00	60.82 1.97 0.00	52.06 1.89 0.00	29.12 1.22 0.00	25.63 1.15 0.00	21.08 1.01 0.00	30.30 1.50 0.00	30.78 1.60 0.00	38.18 2.17 0.00	57.17 3.30 0.00	55.83 3.36 0.00	70.23 3.53 0.00	49.40 2.73 0.00	36.20 1.61 0.00	33.25 1.27 0.00

PORT_JEFF_4 23616	39.14 1.98 0.00	36.33 1.68 0.00	28.62 1.38 0.00	27.52 1.15 0.00	29.48 1.22 0.00	32.19 1.23 0.00	34.00 1.67 0.00	37.55 2.01 0.00	44.08 2.44 0.00	54.01 2.49 0.00	60.82 1.97 0.00	52.06 1.89 0.00	29.12 1.22 0.00	25.63 1.15 0.00	21.08 1.01 0.00	30.30 1.50 0.00	30.78 1.60 0.00	38.18 2.17 0.00	57.17 3.30 0.00	55.83 3.36 0.00	70.23 3.53 0.00	49.40 2.73 0.00	36.20 1.61 0.00	33.24 1.27 0.00
PORT_JEFF_IC 23713	39.13 1.98 0.00	36.30 1.65 0.00	28.60 1.36 0.00	27.51 1.14 0.00	29.46 1.19 0.00	32.19 1.23 0.00	34.00 1.67 0.00	37.56 2.01 0.00	44.08 2.44 0.00	54.01 2.48 0.00	60.77 1.92 0.00	52.02 1.84 0.00	29.09 1.19 0.00	25.61 1.13 0.00	21.06 0.99 0.00	30.27 1.48 0.00	30.77 1.59 0.00	38.17 2.16 0.00	57.16 3.30 0.00	55.83 3.35 0.00	70.21 3.52 0.00	49.39 2.73 0.00	36.19 1.59 0.00	33.23 1.26 0.00
PPL_PILGRIM_ST_GT1 24216	39.35 2.19 0.00	36.58 1.93 0.00	28.81 1.57 0.00	27.70 1.33 0.00	29.68 1.41 0.00	32.43 1.47 0.00	34.20 1.87 0.00	37.68 2.13 0.00	44.22 2.58 0.00	54.31 2.78 0.00	61.41 2.56 0.00	52.64 2.46 0.00	29.39 1.49 0.00	25.88 1.41 0.00	21.28 1.22 0.00	30.59 1.80 0.00	31.07 1.89 0.00	38.49 2.48 0.00	57.57 3.70 0.00	56.20 3.73 0.00	70.67 3.97 0.00	49.64 2.98 0.00	36.40 1.80 0.00	33.44 1.46 0.00
PPL_PILGRIM_ST_GT2 24217	39.35 2.19 0.00	36.58 1.93 0.00	28.81 1.57 0.00	27.70 1.33 0.00	29.68 1.41 0.00	32.43 1.47 0.00	34.20 1.87 0.00	37.68 2.13 0.00	44.22 2.58 0.00	54.31 2.78 0.00	61.41 2.56 0.00	52.64 2.46 0.00	29.39 1.49 0.00	25.88 1.41 0.00	21.28 1.22 0.00	30.59 1.80 0.00	31.07 1.89 0.00	38.49 2.48 0.00	57.57 3.70 0.00	56.20 3.73 0.00	70.67 3.97 0.00	49.64 2.98 0.00	36.40 1.80 0.00	33.44 1.46 0.00
PPL_SHRM_GT3 24213	38.87 1.72 0.00	35.84 1.19 0.00	28.25 1.01 0.00	27.17 0.80 0.00	29.09 0.83 0.00	31.76 0.80 0.00	33.76 1.44 0.00	37.58 2.03 0.00	44.10 2.46 0.00	53.52 1.99 0.00	59.27 0.51 0.09	39.96 0.35 10.57	28.24 0.41 0.07	24.92 0.44 0.00	20.50 0.43 0.00	29.45 0.65 0.00	30.02 0.85 0.00	37.38 1.37 0.00	56.15 2.28 0.00	54.94 2.46 0.00	69.15 2.45 0.00	48.91 2.24 0.00	35.80 1.20 0.00	32.86 0.89 0.00
PPL_SHRM_GT4 24214	38.87 1.72 0.00	35.84 1.19 0.00	28.25 1.01 0.00	27.17 0.80 0.00	29.09 0.83 0.00	31.76 0.80 0.00	33.76 1.44 0.00	37.58 2.03 0.00	44.10 2.46 0.00	53.52 1.99 0.00	59.27 0.51 0.09	39.96 0.35 10.57	28.24 0.41 0.07	24.92 0.44 0.00	20.50 0.43 0.00	29.45 0.65 0.00	30.02 0.85 0.00	37.38 1.37 0.00	56.15 2.28 0.00	54.94 2.46 0.00	69.15 2.45 0.00	48.91 2.24 0.00	35.80 1.20 0.00	32.86 0.89 0.00
PROJECT___ORANGE 1 24174	36.20 -0.95 0.00	33.76 -0.89 0.00	26.50 -0.74 0.00	25.69 -0.67 0.00	27.55 -0.71 0.00	30.20 -0.77 0.00	31.47 -0.86 0.00	34.64 -0.90 0.00	40.62 -1.02 0.00	50.34 -1.19 0.00	57.48 -1.37 0.00	48.94 -1.23 0.00	27.18 -0.71 0.00	23.83 -0.65 0.00	19.50 -0.57 0.00	28.02 -0.77 0.00	28.42 -0.75 0.00	35.06 -0.95 0.00	52.49 -1.38 0.00	51.15 -1.32 0.00	65.14 -1.55 0.00	45.58 -1.09 0.00	33.78 -0.82 0.00	31.33 -0.64 0.00
PROJECT___ORANGE 2 24166	36.20 -0.95 0.00	33.76 -0.89 0.00	26.50 -0.74 0.00	25.69 -0.67 0.00	27.55 -0.71 0.00	30.20 -0.77 0.00	31.47 -0.86 0.00	34.64 -0.90 0.00	40.62 -1.02 0.00	50.34 -1.19 0.00	57.48 -1.37 0.00	48.94 -1.23 0.00	27.18 -0.71 0.00	23.83 -0.65 0.00	19.50 -0.57 0.00	28.02 -0.77 0.00	28.42 -0.75 0.00	35.06 -0.95 0.00	52.49 -1.38 0.00	51.15 -1.32 0.00	65.14 -1.55 0.00	45.58 -1.09 0.00	33.78 -0.82 0.00	31.33 -0.64 0.00
PUCKETT___SOLAR 323809	36.45 -0.70 0.00	34.03 -0.62 0.00	26.63 -0.61 0.00	25.93 -0.44 0.00	27.72 -0.54 0.00	30.39 -0.57 0.00	31.68 -0.65 0.00	34.94 -0.60 0.00	40.96 -0.68 0.00	50.64 -0.89 0.00	57.85 -1.01 0.00	49.16 -1.01 0.00	27.23 -0.67 0.00	23.91 -0.56 0.00	19.55 -0.52 0.00	28.16 -0.64 0.00	28.60 -0.58 0.00	35.34 -0.67 0.00	53.11 -0.76 0.00	51.91 -0.56 0.00	66.59 -0.10 0.00	46.60 -0.07 0.00	34.46 -0.14 0.00	31.85 -0.12 0.00
PYRITES___HYD 24023	45.54 0.60 -7.79	42.62 0.48 -7.49	34.00 0.28 -6.48	33.04 0.31 -6.36	34.66 0.33 -6.06	35.97 0.41 -4.60	36.94 0.38 -4.22	42.80 0.36 -6.90	50.45 0.44 -8.37	62.03 0.79 -9.71	70.39 0.88 -10.66	60.23 0.62 -9.44	34.76 0.33 -6.53	29.37 0.38 -4.52	25.74 0.14 -5.53	35.66 0.21 -6.66	36.27 0.37 -6.73	44.23 0.56 -7.65	64.93 1.04 -10.02	61.78 1.00 -8.31	76.57 1.49 -8.39	57.05 1.29 -9.09	43.11 1.04 -7.47	38.41 1.02 -5.42
QUAKERRD_115KV_BK1 80622	34.52 -2.64 0.00	32.27 -2.38 0.00	25.30 -1.94 0.00	24.58 -1.79 0.00	26.35 -1.91 0.00	28.88 -2.08 0.00	29.87 -2.46 0.00	32.81 -2.73 0.00	38.50 -3.14 0.00	47.92 -3.61 0.00	54.62 -4.23 0.00	46.19 -3.88 0.10	22.47 -2.19 3.23	22.50 -1.98 0.00	18.46 -1.61 0.00	26.59 -2.21 0.00	25.17 -2.22 1.78	31.21 -2.73 2.08	47.32 -3.88 2.67	47.73 -3.79 0.96	62.28 -4.41 0.00	43.75 -2.92 0.00	32.46 -2.14 0.00	30.06 -1.92 0.00
QUEENSBRY_115KV_TB8 356137	39.57 2.42 0.00	36.80 2.15 0.00	28.91 1.67 0.00	27.96 1.59 0.00	30.03 1.77 0.00	32.88 1.92 0.00	34.52 2.19 0.00	38.00 2.46 0.00	44.58 2.94 0.00	54.84 3.31 0.00	62.44 3.59 0.00	53.17 3.00 0.00	29.71 1.81 0.00	26.13 1.66 0.00	21.51 1.45 0.00	31.12 2.33 0.00	31.42 2.24 0.00	38.97 2.96 0.00	58.25 4.38 0.00	56.83 4.36 0.00	71.45 4.75 0.00	49.76 3.09 0.00	36.79 2.20 0.00	33.79 1.81 0.00
RAMAPO___LBMP 323565	38.36 1.20 0.00	35.80 1.15 0.00	28.20 0.96 0.00	27.18 0.81 0.00	29.15 0.89 0.00	31.95 0.99 0.00	33.45 1.12 0.00	36.85 1.30 0.00	43.21 1.57 0.00	53.34 1.81 0.00	60.98 2.13 0.00	52.24 2.07 0.00	29.03 1.14 0.00	25.51 1.03 0.00	20.95 0.88 0.00	30.02 1.23 0.00	30.35 1.17 0.00	37.41 1.40 0.00	55.87 2.00 0.00	54.40 1.93 0.00	68.93 2.23 0.00	48.08 1.41 0.00	35.46 0.86 0.00	32.59 0.61 0.00
RANKINE____ 23646	29.10 -3.10 4.95	27.07 -2.74 4.84	21.97 -2.27 3.00	20.54 -2.02 3.80	21.97 -2.16 4.12	26.23 -2.35 2.38	24.01 -3.10 5.22	26.16 -3.46 5.92	31.18 -4.03 6.44	39.83 -4.42 7.28	45.84 -5.30 7.71	38.09 -4.86 7.22	15.55 -2.63 9.71	17.63 -2.55 4.30	14.37 -2.01 3.68	20.85 -2.77 5.18	21.25 -2.78 5.14	26.46 -3.54 6.01	41.22 -4.93 7.71	44.96 -4.74 2.77	61.58 -5.12 0.00	43.47 -3.20 0.00	32.31 -2.29 0.00	29.94 -2.04 0.00
RAVENSWOOD_GT2_1 24244	39.01 1.86 0.00	36.46 1.81 0.00	28.74 1.50 0.00	27.71 1.34 0.00	29.69 1.43 0.00	32.53 1.57 0.00	34.07 1.74 0.00	37.48 1.94 0.00	43.98 2.34 0.00	54.23 2.70 0.00	61.91 3.06 0.00	53.09 2.92 0.00	29.52 1.62 0.00	25.94 1.47 0.00	21.33 1.27 0.00	30.60 1.81 0.00	30.89 1.72 0.00	38.10 2.09 0.00	56.89 3.02 0.00	55.33 2.86 0.00	70.12 3.42 0.00	48.89 2.23 0.00	36.06 1.46 0.00	33.15 1.17 0.00

RAVENSWOOD_GT2_2 24245	39.01 1.86 0.00	36.46 1.81 0.00	28.74 1.50 0.00	27.71 1.34 0.00	29.69 1.43 0.00	32.53 1.57 0.00	34.07 1.74 0.00	37.48 1.94 0.00	43.98 2.34 0.00	54.23 2.70 0.00	61.91 3.06 0.00	53.09 2.92 0.00	29.52 1.62 0.00	25.94 1.47 0.00	21.33 1.27 0.00	30.60 1.81 0.00	30.89 1.72 0.00	38.10 2.09 0.00	56.89 3.02 0.00	55.33 2.86 0.00	70.12 3.42 0.00	48.89 2.23 0.00	36.06 1.46 0.00	33.15 1.17 0.00
RAVENSWOOD_GT2_3 24246	39.04 1.88 0.00	36.47 1.82 0.00	28.76 1.52 0.00	27.71 1.34 0.00	29.70 1.44 0.00	32.53 1.57 0.00	34.08 1.75 0.00	37.49 1.95 0.00	44.00 2.36 0.00	54.26 2.72 0.00	61.93 3.08 0.00	53.11 2.94 0.00	29.53 1.63 0.00	25.96 1.48 0.00	21.34 1.27 0.00	30.61 1.82 0.00	30.91 1.73 0.00	38.13 2.11 0.00	56.92 3.05 0.00	55.36 2.89 0.00	70.15 3.45 0.00	48.93 2.26 0.00	36.07 1.47 0.00	33.15 1.18 0.00
RAVENSWOOD_GT2_4 24247	39.04 1.88 0.00	36.47 1.82 0.00	28.76 1.52 0.00	27.71 1.34 0.00	29.70 1.44 0.00	32.53 1.57 0.00	34.08 1.75 0.00	37.49 1.95 0.00	44.00 2.36 0.00	54.26 2.72 0.00	61.93 3.08 0.00	53.11 2.94 0.00	29.53 1.63 0.00	25.96 1.48 0.00	21.34 1.27 0.00	30.61 1.82 0.00	30.91 1.73 0.00	38.13 2.11 0.00	56.92 3.05 0.00	55.36 2.89 0.00	70.15 3.45 0.00	48.93 2.26 0.00	36.07 1.47 0.00	33.15 1.18 0.00
RAVENSWOOD_GT3_1 24248	39.02 1.87 0.00	36.46 1.81 0.00	28.75 1.51 0.00	27.71 1.34 0.00	29.69 1.43 0.00	32.53 1.57 0.00	34.07 1.74 0.00	37.48 1.94 0.00	43.98 2.34 0.00	54.23 2.70 0.00	61.92 3.07 0.00	53.09 2.92 0.00	29.52 1.63 0.00	25.94 1.47 0.00	21.33 1.27 0.00	30.60 1.81 0.00	30.89 1.72 0.00	38.10 2.09 0.00	56.89 3.02 0.00	55.33 2.86 0.00	70.12 3.42 0.00	48.90 2.23 0.00	36.06 1.46 0.00	33.15 1.17 0.00
RAVENSWOOD_GT3_2 24249	39.02 1.87 0.00	36.46 1.81 0.00	28.75 1.51 0.00	27.71 1.34 0.00	29.69 1.43 0.00	32.53 1.57 0.00	34.07 1.74 0.00	37.48 1.94 0.00	43.98 2.34 0.00	54.23 2.70 0.00	61.92 3.07 0.00	53.09 2.92 0.00	29.52 1.63 0.00	25.94 1.47 0.00	21.33 1.27 0.00	30.60 1.81 0.00	30.89 1.72 0.00	38.10 2.09 0.00	56.89 3.02 0.00	55.33 2.86 0.00	70.12 3.42 0.00	48.90 2.23 0.00	36.06 1.46 0.00	33.15 1.17 0.00
RAVENSWOOD_GT3_3 24250	39.07 1.92 0.00	36.50 1.85 0.00	28.78 1.54 0.00	27.73 1.36 0.00	29.73 1.46 0.00	32.56 1.60 0.00	34.11 1.78 0.00	37.53 1.98 0.00	44.04 2.40 0.00	54.30 2.78 0.00	61.99 3.14 0.00	53.16 2.99 0.00	29.56 1.66 0.00	25.98 1.50 0.00	21.36 1.29 0.00	30.64 1.84 0.00	30.94 1.76 0.00	38.17 2.16 0.00	56.97 3.11 0.00	55.42 2.95 0.00	70.22 3.52 0.00	48.98 2.31 0.00	36.11 1.51 0.00	33.19 1.21 0.00
RAVENSWOOD_GT3_4 24251	39.07 1.92 0.00	36.50 1.85 0.00	28.78 1.54 0.00	27.73 1.36 0.00	29.73 1.46 0.00	32.56 1.60 0.00	34.11 1.78 0.00	37.53 1.98 0.00	44.04 2.40 0.00	54.30 2.78 0.00	61.99 3.14 0.00	53.16 2.99 0.00	29.56 1.66 0.00	25.98 1.50 0.00	21.36 1.29 0.00	30.64 1.84 0.00	30.94 1.76 0.00	38.17 2.16 0.00	56.97 3.11 0.00	55.42 2.95 0.00	70.22 3.52 0.00	48.98 2.31 0.00	36.11 1.51 0.00	33.19 1.21 0.00
RAVENSWOOD_GT_1 23729	41.50 2.03 -2.32	39.79 1.96 -3.18	33.95 1.63 -5.08	33.03 1.46 -5.20	34.48 1.56 -4.66	36.16 1.70 -3.50	37.23 1.88 -3.02	39.99 2.11 -2.34	45.36 2.53 -1.18	54.50 2.93 -0.04	62.17 3.30 -0.02	57.84 3.14 -4.54	35.07 1.75 -5.43	35.95 1.58 -9.89	34.09 1.36 -12.67	36.29 1.94 -5.56	34.91 1.85 -3.89	40.90 2.26 -2.63	60.31 3.25 -3.19	78.36 3.09 -22.80	115.98 3.72 -45.56	92.48 2.45 -43.36	41.91 1.62 -5.69	36.67 1.32 -3.37
RAVENSWOOD_GT_10 24258	39.28 1.86 -0.27	36.72 1.80 -0.26	29.12 1.50 -0.38	28.07 1.33 -0.36	30.01 1.43 -0.33	32.86 1.56 -0.34	34.41 1.74 -0.35	37.75 1.94 -0.27	44.11 2.33 -0.13	54.23 2.70 0.00	61.91 3.05 0.00	53.61 2.91 -0.52	29.86 1.62 -0.34	25.91 1.47 0.03	21.66 1.26 -0.33	31.02 1.80 -0.43	31.34 1.71 -0.45	38.40 2.09 -0.30	57.25 3.02 -0.36	54.56 2.86 0.77	66.49 3.40 3.61	45.46 2.23 3.43	36.04 1.45 0.02	33.53 1.17 -0.39
RAVENSWOOD_GT_11 24259	39.28 1.86 -0.27	36.72 1.80 -0.26	29.12 1.50 -0.38	28.07 1.33 -0.36	30.01 1.43 -0.33	32.86 1.56 -0.34	34.41 1.74 -0.35	37.75 1.94 -0.27	44.11 2.33 -0.13	54.23 2.70 0.00	61.91 3.05 0.00	53.61 2.91 -0.52	29.86 1.62 -0.34	25.91 1.47 0.03	21.66 1.26 -0.33	31.02 1.80 -0.43	31.34 1.71 -0.45	38.40 2.09 -0.30	57.25 3.02 -0.36	54.56 2.86 0.77	66.49 3.40 3.61	45.46 2.23 3.43	36.04 1.45 0.02	33.53 1.17 -0.39
RAVENSWOOD_GT_4 24252	40.76 1.84 -1.76	38.16 1.78 -1.73	31.25 1.49 -2.52	30.08 1.31 -2.40	31.83 1.41 -2.16	34.73 1.54 -2.23	36.35 1.72 -2.30	39.23 1.91 -1.77	44.85 2.32 -0.89	54.23 2.67 -0.03	61.89 3.02 -0.01	56.52 2.89 -3.46	31.77 1.60 -2.27	25.76 1.46 0.18	23.47 1.25 -2.16	33.42 1.79 -2.84	33.84 1.71 -2.96	40.07 2.08 -1.97	59.26 3.00 -2.39	50.21 2.84 5.10	46.25 3.37 23.82	26.21 2.22 22.67	35.93 1.44 0.11	35.68 1.15 -2.56
RAVENSWOOD_GT_5 24254	40.76 1.84 -1.76	38.16 1.78 -1.73	31.25 1.49 -2.52	30.08 1.31 -2.40	31.83 1.41 -2.16	34.73 1.54 -2.23	36.35 1.72 -2.30	39.23 1.91 -1.77	44.85 2.32 -0.89	54.23 2.67 -0.03	61.89 3.02 -0.01	56.52 2.89 -3.46	31.77 1.60 -2.27	25.76 1.46 0.18	23.47 1.25 -2.16	33.42 1.79 -2.84	33.84 1.71 -2.96	40.07 2.08 -1.97	59.26 3.00 -2.39	50.21 2.84 5.10	46.25 3.37 23.82	26.21 2.22 22.67	35.93 1.44 0.11	35.68 1.15 -2.56
RAVENSWOOD_GT_6 24253	40.76 1.84 -1.76	38.16 1.78 -1.73	31.25 1.49 -2.52	30.08 1.31 -2.40	31.83 1.41 -2.16	34.73 1.54 -2.23	36.35 1.72 -2.30	39.23 1.91 -1.77	44.85 2.32 -0.89	54.23 2.67 -0.03	61.89 3.02 -0.01	56.52 2.89 -3.46	31.77 1.60 -2.27	25.76 1.46 0.18	23.47 1.25 -2.16	33.42 1.79 -2.84	33.84 1.71 -2.96	40.07 2.08 -1.97	59.26 3.00 -2.39	50.21 2.84 5.10	46.25 3.37 23.82	26.21 2.22 22.67	35.93 1.44 0.11	35.68 1.15 -2.56
RAVENSWOOD_GT_7 24255	40.76 1.84 -1.76	38.16 1.78 -1.73	31.25 1.49 -2.52	30.08 1.31 -2.40	31.83 1.41 -2.16	34.73 1.54 -2.23	36.35 1.72 -2.30	39.23 1.91 -1.77	44.85 2.32 -0.89	54.23 2.67 -0.03	61.89 3.02 -0.01	56.52 2.89 -3.46	31.77 1.60 -2.27	25.76 1.46 0.18	23.47 1.25 -2.16	33.42 1.79 -2.84	33.84 1.71 -2.96	40.07 2.08 -1.97	59.26 3.00 -2.39	50.21 2.84 5.10	46.25 3.37 23.82	26.21 2.22 22.67	35.93 1.44 0.11	35.68 1.15 -2.56
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.28 1.86 -0.27	36.72 1.80 -0.26	29.12 1.50 -0.38	28.07 1.33 -0.36	30.01 1.43 -0.33	32.86 1.56 -0.34	34.41 1.74 -0.35	37.75 1.94 -0.27	44.11 2.33 -0.13	54.23 2.70 0.00	61.91 3.05 0.00	53.61 2.91 -0.52	29.86 1.62 -0.34	25.91 1.47 0.03	21.66 1.26 -0.33	31.02 1.80 -0.43	31.34 1.71 -0.45	38.40 2.09 -0.30	57.25 3.02 -0.36	54.56 2.86 0.77	66.49 3.40 3.61	45.46 2.23 3.43	36.04 1.45 0.02	33.53 1.17 -0.39

RAVENSWOOD_GT_9 24257	39.28 1.86 -0.27	36.72 1.80 -0.26	29.12 1.50 -0.38	28.07 1.33 -0.36	30.01 1.43 -0.33	32.86 1.56 -0.34	34.41 1.74 -0.35	37.75 1.94 -0.27	44.11 2.33 -0.13	54.23 2.70 0.00	61.91 3.05 0.00	53.61 2.91 -0.52	29.86 1.62 -0.34	25.91 1.47 0.03	21.66 1.26 -0.33	31.02 1.80 -0.43	31.34 1.71 -0.45	38.40 2.09 -0.30	57.25 3.02 -0.36	54.56 2.86 0.77	66.49 3.40 3.61	45.46 2.23 3.43	36.04 1.45 0.02	33.53 1.17 -0.39
RAVENSWOOD___1 23533	36.87 1.99 2.28	34.33 1.92 2.24	25.58 1.60 3.26	24.69 1.42 3.10	26.99 1.52 2.79	29.73 1.65 2.89	31.16 1.81 2.97	35.28 2.03 2.30	42.93 2.44 1.15	54.31 2.82 0.04	62.01 3.17 0.01	48.73 3.02 4.47	26.67 1.70 2.93	26.24 1.54 -0.23	18.60 1.32 2.79	27.00 1.88 3.68	27.14 1.79 3.83	35.65 2.19 2.55	53.92 3.15 3.10	62.09 3.02 -6.60	101.14 3.64 -30.81	78.36 2.37 -29.32	36.30 1.56 -0.15	29.92 1.26 3.31
RAVENSWOOD___2 23534	36.87 1.99 2.28	34.33 1.92 2.24	25.58 1.60 3.26	24.69 1.42 3.10	26.99 1.52 2.79	29.73 1.65 2.89	31.16 1.81 2.97	35.28 2.03 2.30	42.93 2.44 1.15	54.31 2.82 0.04	62.01 3.17 0.01	48.73 3.02 4.47	26.67 1.70 2.93	26.24 1.54 -0.23	18.60 1.32 2.79	27.00 1.88 3.68	27.14 1.79 3.83	35.65 2.19 2.55	53.92 3.15 3.10	62.09 3.02 -6.60	101.14 3.64 -30.81	78.36 2.37 -29.32	36.30 1.56 -0.15	29.92 1.26 3.31
RAVENSWOOD___3 23535	39.01 1.86 0.00	36.45 1.80 0.00	28.74 1.50 0.00	27.70 1.33 0.00	29.69 1.43 0.00	32.52 1.56 0.00	34.06 1.73 0.00	37.48 1.93 0.00	43.97 2.33 0.00	54.21 2.68 0.00	61.90 3.05 0.00	53.08 2.90 0.00	29.52 1.63 0.00	25.94 1.46 0.00	21.34 1.27 0.00	30.60 1.80 0.00	30.89 1.71 0.00	38.10 2.09 0.00	56.88 3.01 0.00	55.33 2.86 0.00	70.11 3.41 0.00	48.90 2.23 0.00	36.06 1.46 0.00	33.15 1.18 0.00
RAVENSWOOD___4 23820	36.87 1.99 2.28	34.33 1.92 2.24	25.58 1.60 3.26	24.69 1.42 3.10	26.99 1.52 2.79	29.73 1.65 2.89	31.16 1.81 2.97	35.28 2.03 2.30	42.93 2.44 1.15	54.31 2.82 0.04	62.01 3.17 0.01	48.73 3.02 4.47	26.67 1.70 2.93	26.24 1.54 -0.23	18.60 1.32 2.79	27.00 1.88 3.68	27.14 1.79 3.83	35.65 2.19 2.55	53.92 3.15 3.10	62.09 3.02 -6.60	101.14 3.64 -30.81	78.36 2.37 -29.32	36.30 1.56 -0.15	29.92 1.26 3.31
RCPL_TRUST___DRP 24196	38.98 1.83 0.00	36.44 1.79 0.00	28.74 1.50 0.00	27.70 1.33 0.00	29.68 1.42 0.00	32.51 1.55 0.00	34.08 1.75 0.00	37.50 1.96 0.00	44.00 2.36 0.00	54.27 2.74 0.00	61.95 3.10 0.00	53.12 2.95 0.00	29.52 1.62 0.00	25.95 1.47 0.00	21.34 1.27 0.00	30.60 1.81 0.00	30.90 1.72 0.00	38.11 2.10 0.00	56.91 3.05 0.00	55.32 2.84 0.00	70.09 3.39 0.00	48.88 2.22 0.00	36.05 1.45 0.00	33.14 1.16 0.00
RED___ROCHESTER 323720	33.91 -1.99 1.25	31.66 -1.77 1.22	25.00 -1.48 0.76	24.09 -1.32 0.96	25.80 -1.42 1.04	28.82 -1.54 0.60	29.04 -1.97 1.32	31.87 -2.17 1.50	37.54 -2.47 1.63	47.01 -2.67 1.84	53.74 -3.14 1.97	45.31 -2.93 1.94	21.50 -1.71 4.68	21.81 -1.55 1.11	17.88 -1.24 0.95	25.84 -1.61 1.34	25.68 -1.67 1.83	31.81 -2.07 2.14	48.30 -2.83 2.74	48.72 -2.77 0.98	63.63 -3.06 0.00	44.68 -1.98 0.00	33.15 -1.45 0.00	30.67 -1.31 0.00
REGAN___SOLAR 323812	38.84 1.69 0.00	36.22 1.57 0.00	28.45 1.21 0.00	27.51 1.14 0.00	29.47 1.21 0.00	32.29 1.33 0.00	33.76 1.44 0.00	37.13 1.58 0.00	43.49 1.85 0.00	53.59 2.06 0.00	61.13 2.28 0.00	52.48 2.31 0.00	29.14 1.24 0.00	25.66 1.19 0.00	20.99 0.92 0.00	30.26 1.47 0.00	30.75 1.57 0.00	38.08 2.07 0.00	57.31 3.45 0.00	55.92 3.45 0.00	71.09 4.39 0.00	49.73 3.06 0.00	36.79 2.19 0.00	33.93 1.96 0.00
RENSSELAER___COGEN 23796	38.42 1.27 0.00	35.84 1.20 0.00	28.23 1.00 0.00	27.29 0.92 0.00	29.25 0.99 0.00	32.00 1.04 0.00	33.50 1.17 0.00	36.83 1.29 0.00	43.15 1.51 0.00	53.12 1.59 0.00	60.67 1.82 0.00	51.81 1.63 0.00	28.79 0.89 0.00	25.09 0.61 0.00	20.64 0.58 0.00	29.55 0.76 0.00	29.90 0.73 0.00	36.84 0.83 0.00	54.88 1.02 0.00	53.47 1.00 0.00	67.70 1.01 0.00	47.25 0.58 0.00	35.04 0.44 0.00	32.23 0.26 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.77 3.62 0.00	37.77 3.12 0.00	29.51 2.27 0.00	28.53 2.17 0.00	30.75 2.49 0.00	33.61 2.65 0.00	35.43 3.10 0.00	39.14 3.59 0.00	45.90 4.26 0.00	56.05 4.52 0.00	63.65 4.80 0.00	53.74 3.57 0.00	30.14 2.24 0.00	26.66 2.18 0.00	22.06 1.99 0.00	32.06 3.27 0.00	32.44 3.26 0.00	40.43 4.42 0.00	60.52 6.65 0.00	58.99 6.52 0.00	73.06 6.37 0.00	50.68 4.01 0.00	37.56 2.96 0.00	34.56 2.58 0.00
REVERE_CPDR_DRP 24186	37.63 0.48 0.00	35.03 0.38 0.00	27.48 0.24 0.00	26.62 0.24 0.00	28.49 0.23 0.00	31.25 0.29 0.00	32.69 0.36 0.00	36.03 0.48 0.00	42.31 0.67 0.00	52.43 0.90 0.00	59.98 1.12 0.00	51.17 0.99 0.00	28.36 0.46 0.00	25.08 0.60 0.00	20.43 0.36 0.00	29.26 0.47 0.00	29.71 0.54 0.00	36.82 0.80 0.00	55.34 1.47 0.00	53.83 1.36 0.00	68.49 1.79 0.00	48.05 1.38 0.00	35.59 0.99 0.00	32.92 0.95 0.00
REYNOLDS_115KV_TB3 80639	38.41 1.26 0.00	35.84 1.19 0.00	28.24 1.00 0.00	27.29 0.92 0.00	29.26 1.00 0.00	32.00 1.04 0.00	33.51 1.18 0.00	36.84 1.29 0.00	43.14 1.50 0.00	53.10 1.57 0.00	60.64 1.78 0.00	51.78 1.61 0.00	28.80 0.90 0.00	25.18 0.70 0.00	20.71 0.64 0.00	29.71 0.92 0.00	30.05 0.87 0.00	37.04 1.03 0.00	55.18 1.31 0.00	53.75 1.28 0.00	68.04 1.35 0.00	47.48 0.81 0.00	35.22 0.62 0.00	32.39 0.42 0.00
RIVERBAY____ 323610	39.13 1.97 -0.01	36.54 1.88 -0.01	28.80 1.55 -0.01	27.74 1.36 -0.01	29.73 1.46 -0.01	32.59 1.62 -0.01	34.04 1.71 0.00	37.50 1.96 -0.01	44.02 2.38 -0.01	54.19 2.66 0.00	61.99 3.14 0.00	53.19 3.02 0.00	29.54 1.65 0.00	25.97 1.50 0.01	21.35 1.28 0.01	30.56 1.77 0.00	30.89 1.71 0.00	38.07 2.05 0.00	56.83 2.96 0.00	55.36 2.88 0.00	70.25 3.56 0.00	48.95 2.28 0.00	36.07 1.47 0.00	33.14 1.16 -0.01
RIVERSDE_115KV_TB3 55908	38.46 1.31 0.00	35.89 1.24 0.00	28.27 1.03 0.00	27.32 0.95 0.00	29.29 1.03 0.00	32.04 1.08 0.00	33.54 1.21 0.00	36.87 1.33 0.00	43.20 1.56 0.00	53.17 1.64 0.00	60.73 1.88 0.00	51.87 1.70 0.00	28.83 0.94 0.00	25.16 0.68 0.00	20.70 0.64 0.00	29.66 0.87 0.00	30.02 0.84 0.00	36.99 0.97 0.00	55.10 1.24 0.00	53.68 1.21 0.00	67.96 1.27 0.00	47.42 0.75 0.00	35.16 0.56 0.00	32.34 0.36 0.00
ROARING___BROOK_WT_PWR 323790	36.16 -1.00 0.00	33.72 -0.93 0.00	26.52 -0.73 0.00	25.68 -0.69 0.00	27.48 -0.78 0.00	30.11 -0.85 0.00	31.44 -0.89 0.00	34.55 -1.00 0.00	40.45 -1.19 0.00	50.11 -1.42 0.00	57.22 -1.63 0.00	48.77 -1.40 0.00	27.14 -0.75 0.00	23.88 -0.60 0.00	19.54 -0.53 0.00	28.03 -0.77 0.00	28.41 -0.77 0.00	35.12 -0.90 0.00	52.57 -1.30 0.00	51.10 -1.37 0.00	65.30 -1.40 0.00	46.15 -0.52 0.00	34.45 -0.15 0.00	31.87 -0.11 0.00

ROCHESRG_115KV_T4 355643	33.37 -2.34 1.44	31.16 -2.08 1.41	24.65 -1.71 0.87	23.71 -1.56 1.11	25.40 -1.66 1.20	28.45 -1.82 0.69	28.54 -2.27 1.52	31.28 -2.54 1.72	36.86 -2.91 1.88	46.14 -3.27 2.12	52.75 -3.84 2.27	44.44 -3.54 2.20	21.15 -2.01 4.74	21.37 -1.84 1.27	17.49 -1.49 1.09	25.27 -1.99 1.53	25.16 -2.02 2.00	31.17 -2.51 2.33	47.37 -3.50 3.00	48.00 -3.39 1.08	62.87 -3.82 0.00	44.19 -2.48 0.00	32.80 -1.80 0.00	30.37 -1.60 0.00
ROCHESTER_9_IC 23652	33.72 -2.18 1.25	31.50 -1.93 1.22	24.88 -1.60 0.76	23.96 -1.45 0.96	25.68 -1.54 1.04	28.67 -1.69 0.60	28.87 -2.14 1.32	31.67 -2.38 1.50	37.29 -2.72 1.63	46.68 -3.01 1.84	53.35 -3.53 1.97	44.95 -3.29 1.94	21.35 -1.87 4.68	21.65 -1.72 1.11	17.74 -1.38 0.95	25.63 -1.83 1.34	25.49 -1.86 1.83	31.56 -2.32 2.14	47.93 -3.20 2.74	48.40 -3.09 0.98	63.25 -3.45 0.00	44.43 -2.24 0.00	32.97 -1.63 0.00	30.53 -1.45 0.00
ROCKVIEW_13_KV_LD 356306	39.01 1.86 0.00	36.43 1.78 0.00	28.71 1.47 0.00	27.68 1.31 0.00	29.66 1.40 0.00	32.48 1.52 0.00	34.00 1.67 0.00	37.41 1.86 0.00	43.90 2.26 0.00	54.16 2.63 0.00	61.86 3.01 0.00	53.03 2.85 0.00	29.49 1.60 0.00	25.93 1.46 0.00	21.32 1.25 0.00	30.59 1.79 0.00	30.90 1.72 0.00	38.11 2.09 0.00	56.95 3.08 0.00	55.36 2.89 0.00	70.13 3.44 0.00	48.92 2.26 0.00	36.07 1.46 0.00	33.13 1.15 0.00
ROME____115KV_TB2 80656	37.63 0.48 0.00	35.03 0.38 0.00	27.48 0.24 0.00	26.62 0.24 0.00	28.49 0.23 0.00	31.25 0.29 0.00	32.69 0.36 0.00	36.03 0.48 0.00	42.31 0.67 0.00	52.43 0.90 0.00	59.98 1.12 0.00	51.17 0.99 0.00	28.36 0.46 0.00	25.08 0.60 0.00	20.43 0.36 0.00	29.26 0.47 0.00	29.71 0.54 0.00	36.82 0.80 0.00	55.34 1.47 0.00	53.83 1.36 0.00	68.49 1.79 0.00	48.05 1.38 0.00	35.59 0.99 0.00	32.92 0.95 0.00
ROSETON___1 23587	38.52 1.36 0.00	35.95 1.30 0.00	28.32 1.08 0.00	27.31 0.95 0.00	29.30 1.04 0.00	32.08 1.12 0.00	33.60 1.27 0.00	36.96 1.42 0.00	43.35 1.71 0.00	53.48 1.95 0.00	61.10 2.25 0.00	52.30 2.13 0.00	29.09 1.19 0.00	25.54 1.07 0.00	20.99 0.92 0.00	30.11 1.32 0.00	30.44 1.27 0.00	37.56 1.54 0.00	56.07 2.20 0.00	54.57 2.10 0.00	69.15 2.46 0.00	48.23 1.57 0.00	35.60 1.00 0.00	32.74 0.76 0.00
ROSETON___2 23588	38.52 1.36 0.00	35.95 1.30 0.00	28.32 1.08 0.00	27.31 0.95 0.00	29.30 1.04 0.00	32.08 1.12 0.00	33.60 1.27 0.00	36.96 1.42 0.00	43.35 1.71 0.00	53.48 1.95 0.00	61.10 2.25 0.00	52.30 2.13 0.00	29.09 1.19 0.00	25.54 1.07 0.00	20.99 0.92 0.00	30.11 1.32 0.00	30.44 1.27 0.00	37.56 1.54 0.00	56.07 2.20 0.00	54.57 2.10 0.00	69.15 2.46 0.00	48.23 1.57 0.00	35.60 1.00 0.00	32.74 0.76 0.00
ROTRDAM_115KV_TB3 80664	38.17 1.02 0.00	35.59 0.94 0.00	28.01 0.77 0.00	27.10 0.73 0.00	29.03 0.77 0.00	31.79 0.83 0.00	33.26 0.94 0.00	36.58 1.04 0.00	42.88 1.24 0.00	52.89 1.36 0.00	60.37 1.52 0.00	51.55 1.38 0.00	28.69 0.80 0.00	25.19 0.71 0.00	20.68 0.61 0.00	29.74 0.94 0.00	30.11 0.93 0.00	37.21 1.19 0.00	55.62 1.75 0.00	54.19 1.72 0.00	68.69 1.99 0.00	47.96 1.29 0.00	35.50 0.90 0.00	32.71 0.74 0.00
RUSSELL___1 23602	33.88 -2.02 1.25	31.63 -1.79 1.22	24.98 -1.50 0.76	24.06 -1.35 0.96	25.79 -1.43 1.04	28.79 -1.57 0.60	29.01 -2.00 1.32	31.82 -2.22 1.50	37.49 -2.53 1.63	46.93 -2.76 1.84	53.64 -3.23 1.97	45.20 -3.04 1.94	21.48 -1.73 4.68	21.78 -1.59 1.11	17.84 -1.27 0.95	25.80 -1.66 1.34	25.64 -1.71 1.83	31.76 -2.12 2.14	48.23 -2.90 2.74	48.68 -2.81 0.98	63.61 -3.08 0.00	44.68 -1.99 0.00	33.14 -1.46 0.00	30.67 -1.31 0.00
RUSSELL___2 23532	33.88 -2.02 1.25	31.63 -1.79 1.22	24.98 -1.50 0.76	24.06 -1.35 0.96	25.79 -1.43 1.04	28.79 -1.57 0.60	29.01 -2.00 1.32	31.82 -2.22 1.50	37.49 -2.53 1.63	46.93 -2.76 1.84	53.64 -3.23 1.97	45.20 -3.04 1.94	21.48 -1.73 4.68	21.78 -1.59 1.11	17.84 -1.27 0.95	25.80 -1.66 1.34	25.64 -1.71 1.83	31.76 -2.12 2.14	48.23 -2.90 2.74	48.68 -2.81 0.98	63.61 -3.08 0.00	44.68 -1.99 0.00	33.14 -1.46 0.00	30.67 -1.31 0.00
RUSSELL___3 23549	33.88 -2.02 1.25	31.63 -1.79 1.22	24.98 -1.50 0.76	24.06 -1.35 0.96	25.79 -1.43 1.04	28.79 -1.57 0.60	29.01 -2.00 1.32	31.82 -2.22 1.50	37.49 -2.53 1.63	46.93 -2.76 1.84	53.64 -3.23 1.97	45.20 -3.04 1.94	21.48 -1.73 4.68	21.78 -1.59 1.11	17.84 -1.27 0.95	25.80 -1.66 1.34	25.64 -1.71 1.83	31.76 -2.12 2.14	48.23 -2.90 2.74	48.68 -2.81 0.98	63.61 -3.08 0.00	44.68 -1.99 0.00	33.14 -1.46 0.00	30.67 -1.31 0.00
RUSSELL___4 23556	33.88 -2.02 1.25	31.63 -1.79 1.22	24.98 -1.50 0.76	24.06 -1.35 0.96	25.79 -1.43 1.04	28.79 -1.57 0.60	29.01 -2.00 1.32	31.82 -2.22 1.50	37.49 -2.53 1.63	46.93 -2.76 1.84	53.64 -3.23 1.97	45.20 -3.04 1.94	21.48 -1.73 4.68	21.78 -1.59 1.11	17.84 -1.27 0.95	25.80 -1.66 1.34	25.64 -1.71 1.83	31.76 -2.12 2.14	48.23 -2.90 2.74	48.68 -2.81 0.98	63.61 -3.08 0.00	44.68 -1.99 0.00	33.14 -1.46 0.00	30.67 -1.31 0.00
RUSSELL___STATION 23914	33.88 -2.02 1.25	31.63 -1.79 1.22	24.98 -1.50 0.76	24.06 -1.35 0.96	25.79 -1.43 1.04	28.79 -1.57 0.60	29.01 -2.00 1.32	31.82 -2.22 1.50	37.49 -2.53 1.63	46.93 -2.76 1.84	53.64 -3.23 1.97	45.20 -3.04 1.94	21.48 -1.73 4.68	21.78 -1.59 1.11	17.84 -1.27 0.95	25.80 -1.66 1.34	25.64 -1.71 1.83	31.76 -2.12 2.14	48.23 -2.90 2.74	48.68 -2.81 0.98	63.61 -3.08 0.00	44.68 -1.99 0.00	33.14 -1.46 0.00	30.67 -1.31 0.00
S SALMON___HYD 24043	35.69 -1.46 0.00	33.25 -1.40 0.00	26.08 -1.16 0.00	25.27 -1.10 0.00	27.05 -1.21 0.00	29.65 -1.31 0.00	30.95 -1.38 0.00	34.09 -1.45 0.00	40.01 -1.63 0.00	49.65 -1.89 0.00	56.81 -2.04 0.00	48.37 -1.80 0.00	26.85 -1.05 0.00	23.64 -0.84 0.00	19.31 -0.75 0.00	27.67 -1.13 0.00	28.12 -1.06 0.00	34.66 -1.35 0.00	52.10 -1.77 0.00	50.57 -1.91 0.00	64.59 -2.11 0.00	45.40 -1.27 0.00	33.66 -0.94 0.00	31.33 -0.64 0.00
S.PERRY__115KV_TB1 80734	62.53 -2.21 -27.59	59.68 -1.96 -26.99	42.26 -1.69 -16.71	46.05 -1.49 -21.18	49.71 -1.53 -22.98	42.45 -1.74 -13.23	59.34 -2.06 -29.07	66.43 -2.11 -33.00	75.13 -2.39 -35.88	89.14 -2.84 -40.44	98.11 -3.49 -42.75	85.31 -3.45 -38.59	35.54 -2.20 -9.85	46.29 -1.98 -23.79	38.95 -1.49 -20.37	55.89 -1.56 -28.65	54.60 -1.83 -27.25	65.60 -2.22 -31.81	91.97 -2.74 -40.84	64.99 -2.14 -14.66	64.86 -1.84 0.00	45.47 -1.20 0.00	33.35 -1.25 0.00	31.02 -0.95 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.93 -3.43 5.79	25.95 -3.04 5.66	21.23 -2.50 3.51	19.68 -2.24 4.44	21.03 -2.41 4.82	25.54 -2.65 2.78	22.80 -3.42 6.10	24.75 -3.87 6.93	29.61 -4.50 7.53	38.01 -5.02 8.51	43.88 -5.96 9.01	36.37 -5.41 8.39	15.04 -2.95 9.91	16.65 -2.80 5.02	13.52 -2.25 4.30	19.65 -3.09 6.04	20.05 -3.12 6.01	25.08 -3.92 7.02	39.33 -5.53 9.01	43.89 -5.36 3.23	60.77 -5.93 0.00	42.93 -3.73 0.00	31.95 -2.65 0.00	29.60 -2.37 0.00

SAWYER___23_KV_LOAD 55526	27.93 -3.43 5.79	25.95 -3.04 5.66	21.23 -2.50 3.51	19.68 -2.24 4.44	21.03 -2.41 4.82	25.54 -2.65 2.78	22.80 -3.42 6.10	24.75 -3.87 6.93	29.61 -4.50 7.53	38.01 -5.02 8.51	43.88 -5.96 9.01	36.37 -5.41 8.39	15.04 -2.95 9.91	16.65 -2.80 5.02	13.52 -2.25 4.30	19.65 -3.09 6.04	20.05 -3.12 6.01	25.08 -3.92 7.02	39.33 -5.53 9.01	43.89 -5.36 3.23	60.77 -5.93 0.00	42.93 -3.73 0.00	31.95 -2.65 0.00	29.60 -2.37 0.00
SELKIRK___I 23801	38.42 1.27 0.00	35.84 1.19 0.00	28.22 0.98 0.00	27.30 0.93 0.00	29.24 0.98 0.00	32.00 1.04 0.00	33.47 1.14 0.00	36.80 1.25 0.00	43.10 1.46 0.00	53.09 1.56 0.00	60.59 1.74 0.00	51.71 1.54 0.00	28.77 0.87 0.00	25.14 0.66 0.00	20.67 0.60 0.00	29.64 0.85 0.00	30.02 0.84 0.00	37.02 1.01 0.00	55.19 1.31 0.00	53.79 1.31 0.00	68.17 1.47 0.00	47.59 0.92 0.00	35.28 0.68 0.00	32.49 0.51 0.00
SELKIRK___II 23799	38.27 1.11 0.00	35.71 1.06 0.00	28.12 0.88 0.00	27.19 0.82 0.00	29.13 0.87 0.00	31.88 0.92 0.00	33.36 1.03 0.00	36.68 1.14 0.00	42.98 1.34 0.00	52.96 1.43 0.00	60.48 1.63 0.00	51.63 1.46 0.00	28.71 0.82 0.00	25.09 0.61 0.00	20.62 0.56 0.00	29.56 0.77 0.00	29.93 0.75 0.00	36.89 0.87 0.00	55.00 1.13 0.00	53.58 1.11 0.00	67.90 1.20 0.00	47.39 0.72 0.00	35.12 0.52 0.00	32.32 0.35 0.00
SENECA OSWGO___HYD 24041	35.89 -1.26 0.00	33.48 -1.17 0.00	26.28 -0.96 0.00	25.47 -0.90 0.00	27.31 -0.95 0.00	29.92 -1.04 0.00	31.21 -1.12 0.00	34.36 -1.18 0.00	40.28 -1.36 0.00	49.93 -1.60 0.00	57.02 -1.83 0.00	48.56 -1.61 0.00	26.97 -0.93 0.00	23.65 -0.83 0.00	19.35 -0.71 0.00	27.79 -1.00 0.00	28.20 -0.97 0.00	34.80 -1.21 0.00	52.07 -1.80 0.00	50.73 -1.74 0.00	64.58 -2.12 0.00	45.19 -1.48 0.00	33.49 -1.11 0.00	31.07 -0.90 0.00
SENECA___115KV_TB3 355854	29.16 -3.04 4.95	27.12 -2.69 4.84	22.00 -2.24 3.00	20.58 -1.99 3.80	22.01 -2.13 4.12	26.27 -2.32 2.38	24.06 -3.05 5.22	26.21 -3.41 5.92	31.24 -3.97 6.44	39.90 -4.36 7.28	45.93 -5.22 7.71	38.16 -4.79 7.22	15.59 -2.59 9.71	17.67 -2.51 4.30	14.41 -1.98 3.68	20.89 -2.73 5.18	21.28 -2.75 5.14	26.51 -3.49 6.01	41.28 -4.87 7.71	45.05 -4.66 2.77	61.68 -5.02 0.00	43.53 -3.13 0.00	32.37 -2.23 0.00	29.99 -1.99 0.00
SENECA___ENERGY 23797	37.54 -1.42 -1.81	35.11 -1.31 -1.77	27.25 -1.08 -1.10	26.80 -0.96 -1.39	28.75 -1.01 -1.50	30.74 -1.08 -0.87	32.99 -1.25 -1.91	36.39 -1.32 -2.16	42.44 -1.55 -2.35	52.35 -1.83 -2.65	59.54 -2.11 -2.81	50.60 -2.09 -2.52	26.68 -1.19 0.02	25.02 -1.02 -1.57	20.54 -0.86 -1.34	29.58 -1.11 -1.89	32.15 -0.85 -3.82	39.37 -1.09 -4.45	58.14 -1.45 -5.72	53.35 -1.18 -2.05	65.54 -1.16 0.00	45.79 -0.87 0.00	33.80 -0.80 0.00	31.34 -0.64 0.00
SHOEMAKER___GT 23640	38.24 1.08 0.00	35.68 1.03 0.00	28.09 0.85 0.00	27.11 0.74 0.00	29.10 0.84 0.00	31.89 0.93 0.00	33.39 1.06 0.00	36.75 1.21 0.00	43.11 1.47 0.00	53.22 1.69 0.00	60.80 1.94 0.00	52.05 1.88 0.00	28.93 1.04 0.00	25.39 0.91 0.00	20.83 0.77 0.00	29.87 1.08 0.00	30.21 1.03 0.00	37.27 1.26 0.00	55.67 1.81 0.00	54.21 1.74 0.00	68.74 2.05 0.00	47.95 1.29 0.00	35.42 0.82 0.00	32.58 0.61 0.00
SHOEMAKR_138KV_BK 111 55601	38.23 1.07 0.00	35.67 1.02 0.00	28.09 0.85 0.00	27.10 0.74 0.00	29.10 0.84 0.00	31.89 0.93 0.00	33.38 1.05 0.00	36.74 1.20 0.00	43.09 1.45 0.00	53.20 1.67 0.00	60.79 1.93 0.00	52.04 1.86 0.00	28.92 1.03 0.00	25.39 0.91 0.00	20.84 0.77 0.00	29.86 1.07 0.00	30.20 1.02 0.00	37.26 1.25 0.00	55.64 1.77 0.00	54.19 1.72 0.00	68.71 2.01 0.00	47.94 1.27 0.00	35.39 0.79 0.00	32.56 0.59 0.00
SHOREHAM_IC_1 23715	38.87 1.72 0.00	35.84 1.19 0.00	28.25 1.01 0.00	27.17 0.80 0.00	29.09 0.83 0.00	31.76 0.80 0.00	33.76 1.44 0.00	37.58 2.03 0.00	44.10 2.46 0.00	53.52 1.99 0.00	59.27 0.51 0.09	39.96 0.35 10.57	28.24 0.41 0.07	24.92 0.44 0.00	20.50 0.43 0.00	29.45 0.65 0.00	30.02 0.85 0.00	37.38 1.37 0.00	56.15 2.28 0.00	54.94 2.46 0.00	69.15 2.45 0.00	48.91 2.24 0.00	35.80 1.20 0.00	32.86 0.89 0.00
SHOREHAM_IC_2 23716	38.87 1.72 0.00	35.84 1.19 0.00	28.25 1.01 0.00	27.17 0.80 0.00	29.09 0.83 0.00	31.76 0.80 0.00	33.76 1.44 0.00	37.58 2.03 0.00	44.10 2.46 0.00	53.52 1.99 0.00	59.27 0.51 0.09	39.96 0.35 10.57	28.24 0.41 0.07	24.92 0.44 0.00	20.50 0.43 0.00	29.45 0.65 0.00	30.02 0.85 0.00	37.38 1.37 0.00	56.15 2.28 0.00	54.94 2.46 0.00	69.15 2.45 0.00	48.91 2.24 0.00	35.80 1.20 0.00	32.86 0.89 0.00
SISSONVILLE____ 23735	45.53 -0.29 -8.67	42.62 -0.36 -8.33	34.08 -0.37 -7.21	33.12 -0.34 -7.09	34.65 -0.36 -6.75	35.72 -0.36 -5.12	36.61 -0.42 -4.70	42.70 -0.52 -7.68	50.31 -0.65 -9.32	61.79 -0.55 -10.80	70.07 -0.65 -11.87	60.00 -0.68 -10.50	34.80 -0.37 -7.27	29.31 -0.20 -5.04	25.95 -0.28 -6.15	35.76 -0.45 -7.41	36.27 -0.39 -7.49	44.11 -0.42 -8.51	64.59 -0.44 -11.15	61.25 -0.47 -9.25	75.66 -0.37 -9.34	56.86 0.07 -10.11	43.07 0.15 -8.31	38.23 0.22 -6.03
SITHE_IND_GS1 24169	35.76 -1.40 0.00	33.36 -1.29 0.00	26.20 -1.04 0.00	25.39 -0.98 0.00	27.22 -1.04 0.00	29.82 -1.14 0.00	31.09 -1.24 0.00	34.20 -1.34 0.00	40.10 -1.54 0.00	49.67 -1.86 0.00	56.72 -2.13 0.00	48.30 -1.88 0.00	26.83 -1.07 0.00	23.53 -0.95 0.00	19.25 -0.81 0.00	27.63 -1.17 0.00	28.03 -1.15 0.00	34.58 -1.44 0.00	51.80 -2.07 0.00	50.46 -2.02 0.00	64.27 -2.43 0.00	44.98 -1.68 0.00	33.37 -1.23 0.00	30.99 -0.99 0.00
SITHE_IND_GS2 24170	35.76 -1.40 0.00	33.36 -1.29 0.00	26.20 -1.04 0.00	25.39 -0.98 0.00	27.22 -1.04 0.00	29.82 -1.14 0.00	31.09 -1.24 0.00	34.20 -1.34 0.00	40.10 -1.54 0.00	49.67 -1.86 0.00	56.72 -2.13 0.00	48.30 -1.88 0.00	26.83 -1.07 0.00	23.53 -0.95 0.00	19.25 -0.81 0.00	27.63 -1.17 0.00	28.03 -1.15 0.00	34.58 -1.44 0.00	51.80 -2.07 0.00	50.46 -2.02 0.00	64.27 -2.43 0.00	44.98 -1.68 0.00	33.37 -1.23 0.00	30.99 -0.99 0.00
SITHE_IND_GS3 24171	35.76 -1.40 0.00	33.36 -1.29 0.00	26.20 -1.04 0.00	25.39 -0.98 0.00	27.22 -1.04 0.00	29.82 -1.14 0.00	31.09 -1.24 0.00	34.20 -1.34 0.00	40.10 -1.54 0.00	49.67 -1.86 0.00	56.72 -2.13 0.00	48.30 -1.88 0.00	26.83 -1.07 0.00	23.53 -0.95 0.00	19.25 -0.81 0.00	27.63 -1.17 0.00	28.03 -1.15 0.00	34.58 -1.44 0.00	51.80 -2.07 0.00	50.46 -2.02 0.00	64.27 -2.43 0.00	44.98 -1.68 0.00	33.37 -1.23 0.00	30.99 -0.99 0.00
SITHE_IND_GS4 24172	35.76 -1.40 0.00	33.36 -1.29 0.00	26.20 -1.04 0.00	25.39 -0.98 0.00	27.22 -1.04 0.00	29.82 -1.14 0.00	31.09 -1.24 0.00	34.20 -1.34 0.00	40.10 -1.54 0.00	49.67 -1.86 0.00	56.72 -2.13 0.00	48.30 -1.88 0.00	26.83 -1.07 0.00	23.53 -0.95 0.00	19.25 -0.81 0.00	27.63 -1.17 0.00	28.03 -1.15 0.00	34.58 -1.44 0.00	51.80 -2.07 0.00	50.46 -2.02 0.00	64.27 -2.43 0.00	44.98 -1.68 0.00	33.37 -1.23 0.00	30.99 -0.99 0.00

SITHE___BATAVIA 24024	30.10 -2.46 4.60	27.93 -2.22 4.50	22.59 -1.86 2.79	21.22 -1.62 3.53	22.68 -1.75 3.83	26.87 -1.88 2.21	24.97 -2.52 4.85	27.25 -2.79 5.50	32.50 -3.16 5.98	41.41 -3.36 6.75	47.62 -4.06 7.17	39.57 -3.91 6.69	17.52 -2.29 8.09	18.20 -2.28 4.00	14.98 -1.66 3.42	21.92 -2.06 4.81	22.09 -2.10 4.99	27.39 -2.80 5.82	42.59 -3.80 7.48	46.18 -3.61 2.68	62.88 -3.82 0.00	44.25 -2.42 0.00	32.86 -1.74 0.00	30.41 -1.56 0.00
SITHE___INDEPEND 23800	35.75 -1.41 0.00	33.36 -1.30 0.00	26.20 -1.04 0.00	25.39 -0.98 0.00	27.22 -1.05 0.00	29.82 -1.14 0.00	31.09 -1.24 0.00	34.20 -1.35 0.00	40.08 -1.56 0.00	49.66 -1.87 0.00	56.70 -2.15 0.00	48.28 -1.89 0.00	26.83 -1.07 0.00	23.52 -0.95 0.00	19.25 -0.82 0.00	27.63 -1.17 0.00	28.03 -1.15 0.00	34.57 -1.44 0.00	51.79 -2.08 0.00	50.45 -2.02 0.00	64.27 -2.44 0.00	44.98 -1.69 0.00	33.37 -1.23 0.00	30.99 -0.99 0.00
SITHE___MASSENA 23902	39.43 0.27 -2.01	36.79 0.21 -1.93	29.01 0.10 -1.67	28.13 0.12 -1.64	29.96 0.14 -1.56	32.33 0.18 -1.19	33.54 0.12 -1.09	37.38 0.06 -1.78	43.82 0.02 -2.16	54.29 0.25 -2.50	61.89 0.28 -2.75	52.72 0.11 -2.44	29.67 0.09 -1.69	25.77 0.12 -1.17	21.55 0.06 -1.43	30.57 0.06 -1.72	30.99 0.07 -1.74	38.13 0.14 -1.98	56.76 0.30 -2.59	54.89 0.27 -2.15	69.32 0.46 -2.17	49.49 0.47 -2.35	36.98 0.45 -1.93	33.86 0.48 -1.40
SITHE___OGDNSBRG 24021	43.97 0.73 -6.08	41.11 0.61 -5.85	32.69 0.39 -5.06	31.75 0.41 -4.97	33.45 0.45 -4.74	35.09 0.54 -3.59	36.14 0.51 -3.30	41.43 0.50 -5.39	48.75 0.57 -6.53	60.05 0.94 -7.58	68.26 1.09 -8.33	58.34 0.80 -7.37	33.43 0.43 -5.10	28.44 0.43 -3.53	24.59 0.20 -4.32	34.29 0.30 -5.20	34.90 0.47 -5.26	42.67 0.68 -5.97	62.89 1.20 -7.83	60.10 1.14 -6.49	74.87 1.62 -6.55	55.08 1.32 -7.10	41.49 1.05 -5.84	37.25 1.04 -4.23
SITHE___STERLING 23777	37.38 0.23 0.00	34.82 0.17 0.00	27.34 0.10 0.00	26.48 0.11 0.00	28.37 0.10 0.00	31.11 0.15 0.00	32.53 0.20 0.00	35.84 0.30 0.00	42.08 0.44 0.00	52.09 0.56 0.00	59.56 0.71 0.00	50.80 0.63 0.00	28.15 0.25 0.00	24.80 0.33 0.00	20.24 0.17 0.00	29.03 0.24 0.00	29.48 0.30 0.00	36.58 0.57 0.00	54.95 1.08 0.00	53.51 1.03 0.00	68.02 1.33 0.00	47.69 1.02 0.00	35.32 0.72 0.00	32.66 0.69 0.00
SLEIGHT__34_KV_TB1 80719	35.34 -1.82 0.00	33.01 -1.64 0.00	25.87 -1.37 0.00	25.12 -1.25 0.00	26.95 -1.31 0.00	29.53 -1.43 0.00	30.62 -1.71 0.00	33.69 -1.85 0.00	39.55 -2.09 0.00	49.18 -2.35 0.00	56.06 -2.79 0.06	47.44 -2.67 1.93	24.49 -1.48 0.00	23.16 -1.32 0.00	18.92 -1.15 0.00	27.28 -1.52 0.00	27.74 -1.44 0.00	34.31 -1.71 0.00	51.48 -2.39 0.00	50.16 -2.32 0.00	64.05 -2.65 0.00	44.87 -1.79 0.00	33.26 -1.34 0.00	30.78 -1.20 0.00
SOUTH CAIRO___GT 23612	39.59 2.44 0.00	36.88 2.23 0.00	29.02 1.78 0.00	28.08 1.70 0.00	30.08 1.82 0.00	32.93 1.97 0.00	34.50 2.17 0.00	37.98 2.43 0.00	44.61 2.97 0.00	54.86 3.33 0.00	62.55 3.70 0.00	53.13 2.96 0.00	29.63 1.73 0.00	25.91 1.43 0.00	21.32 1.25 0.00	30.61 1.82 0.00	31.04 1.87 0.00	38.33 2.31 0.00	57.05 3.18 0.00	55.68 3.21 0.00	70.52 3.83 0.00	49.09 2.42 0.00	36.29 1.69 0.00	33.32 1.35 0.00
SOUTH HAMPTN___IC 23720	38.74 1.58 0.00	35.69 1.04 0.00	28.13 0.89 0.00	27.04 0.67 0.00	28.97 0.71 0.00	31.63 0.67 0.00	33.64 1.32 0.00	37.45 1.91 0.00	43.96 2.32 0.00	53.29 1.76 0.21	58.85 0.20 22.95	27.27 0.04 0.15	27.99 0.25 0.00	24.78 0.31 0.00	20.36 0.29 0.00	29.24 0.44 0.00	29.91 0.73 0.00	37.47 1.46 0.00	56.72 2.85 0.00	55.58 3.10 0.00	70.04 3.34 0.00	49.48 2.81 0.00	36.20 1.61 0.00	33.23 1.26 0.00
SOUTHDOW_115KV_TB1 355954	34.12 -3.03 0.00	31.92 -2.73 0.00	24.94 -2.30 0.00	24.33 -2.04 0.00	26.12 -2.14 0.00	28.60 -2.36 0.00	29.55 -2.78 0.00	32.74 -2.80 0.00	38.53 -3.12 0.00	48.35 -3.18 0.00	54.51 -4.34 0.24	45.75 -4.18 7.61	18.00 -2.28 0.00	22.28 -2.19 0.00	18.63 -1.43 0.00	26.40 -2.39 0.00	25.53 -2.32 1.33	31.65 -2.81 1.55	48.47 -3.41 1.99	48.16 -3.60 0.71	62.82 -3.88 0.00	44.39 -2.28 0.00	32.90 -1.70 0.00	30.56 -1.42 0.00
SOUTHOLD_69_KV_BK 2 55809	38.31 1.15 0.00	35.29 0.64 0.00	27.81 0.57 0.00	26.74 0.37 0.00	28.64 0.38 0.00	31.29 0.33 0.00	33.26 0.94 0.00	37.04 1.50 0.00	43.52 1.88 0.00	52.74 1.21 0.21	58.21 -0.43 23.36	26.27 -0.54 0.15	27.66 -0.09 0.00	24.50 0.03 0.00	20.13 0.07 0.00	28.91 0.12 0.00	29.57 0.40 0.00	37.28 1.27 0.00	57.30 3.43 0.00	56.32 3.85 0.00	71.11 4.41 0.00	50.18 3.51 0.00	36.69 2.09 0.00	33.66 1.68 0.00
SOUTHOLD___IC 23719	38.30 1.15 0.00	35.29 0.64 0.00	27.81 0.57 0.00	26.73 0.36 0.00	28.64 0.37 0.00	31.27 0.31 0.00	33.26 0.93 0.00	37.04 1.49 0.00	43.50 1.86 0.00	52.72 1.19 0.21	58.20 -0.44 23.36	26.25 -0.56 0.15	27.66 -0.09 0.00	24.48 0.01 0.00	20.12 0.06 0.00	28.90 0.11 0.00	29.57 0.39 0.00	37.28 1.26 0.00	57.28 3.41 0.00	56.32 3.85 0.00	71.11 4.41 0.00	50.18 3.52 0.00	36.69 2.09 0.00	33.66 1.68 0.00
SOUTH_FORK_WT_PWR 323839	37.67 0.52 0.00	34.69 0.03 0.00	27.33 0.09 0.00	26.27 -0.10 0.00	28.14 -0.12 0.00	30.74 -0.22 0.00	32.71 0.38 0.00	36.45 0.90 0.00	42.82 1.17 0.00	51.84 0.31 0.21	57.16 -1.48 23.14	25.57 -1.46 0.15	27.16 -0.59 0.00	24.06 -0.42 0.00	19.77 -0.30 0.00	28.37 -0.42 0.00	29.03 -0.14 0.00	36.79 0.77 0.00	57.14 3.27 0.00	56.30 3.82 0.00	71.19 4.49 0.00	50.25 3.58 0.00	36.74 2.14 0.00	33.70 1.73 0.00
SPIERFLS_115KV_TB 1 80737	39.39 2.24 0.00	36.66 2.01 0.00	28.81 1.57 0.00	27.87 1.50 0.00	29.92 1.65 0.00	32.75 1.79 0.00	34.37 2.05 0.00	37.82 2.28 0.00	44.37 2.73 0.00	54.61 3.08 0.00	62.23 3.37 0.00	53.04 2.87 0.00	29.61 1.71 0.00	26.03 1.55 0.00	21.42 1.35 0.00	30.96 2.17 0.00	31.24 2.06 0.00	38.74 2.73 0.00	57.91 4.04 0.00	56.50 4.03 0.00	71.16 4.46 0.00	49.57 2.91 0.00	36.65 2.05 0.00	33.66 1.69 0.00
ST LAWRENCE____ 23600	37.11 -0.05 0.00	34.57 -0.08 0.00	27.15 -0.09 0.00	26.29 -0.08 0.00	28.18 -0.08 0.00	30.90 -0.06 0.00	32.21 -0.12 0.00	35.34 -0.21 0.00	41.35 -0.29 0.00	51.35 -0.18 0.00	58.66 -0.19 0.00	49.89 -0.29 0.00	27.77 -0.13 0.00	24.39 -0.09 0.00	19.99 -0.08 0.00	28.64 -0.16 0.00	29.03 -0.15 0.00	35.86 -0.15 0.00	53.69 -0.18 0.00	52.29 -0.18 0.00	66.57 -0.13 0.00	46.67 0.01 0.00	34.70 0.10 0.00	32.11 0.14 0.00
STATE_CA_115KV_115_LB 55624	38.57 1.42 0.00	35.99 1.34 0.00	28.34 1.10 0.00	27.40 1.03 0.00	29.36 1.10 0.00	32.13 1.17 0.00	33.64 1.31 0.00	36.98 1.43 0.00	43.33 1.69 0.00	53.36 1.83 0.00	60.94 2.09 0.00	52.07 1.90 0.00	28.93 1.03 0.00	25.21 0.74 0.00	20.76 0.69 0.00	29.70 0.90 0.00	30.04 0.87 0.00	37.02 1.00 0.00	55.13 1.26 0.00	53.69 1.22 0.00	67.99 1.30 0.00	47.44 0.77 0.00	35.17 0.57 0.00	32.35 0.37 0.00

STATE_ST_34_KV_LOAD 55959	36.54 -0.61 0.00	34.09 -0.56 0.00	26.73 -0.51 0.00	25.93 -0.44 0.00	27.79 -0.47 0.00	30.48 -0.48 0.00	31.78 -0.54 0.00	35.02 -0.52 0.00	41.05 -0.59 0.00	50.86 -0.67 0.00	58.05 -0.80 0.00	49.21 -1.03 -0.07	29.59 -0.56 -2.26	24.00 -0.47 0.00	19.57 -0.49 0.00	28.27 -0.52 0.00	30.30 -0.60 -1.72	37.46 -0.57 -2.01	55.72 -0.73 -2.58	52.78 -0.62 -0.93	66.07 -0.62 0.00	46.07 -0.60 0.00	34.17 -0.43 0.00	31.67 -0.30 0.00
STATION 5_MISC_HYD 23604	33.75 -2.15 1.25	31.52 -1.91 1.22	24.89 -1.59 0.76	23.99 -1.42 0.96	25.69 -1.53 1.04	28.70 -1.67 0.60	28.90 -2.11 1.32	31.72 -2.32 1.50	37.36 -2.65 1.63	46.77 -2.91 1.84	53.43 -3.45 1.97	45.05 -3.19 1.94	21.37 -1.85 4.68	21.68 -1.68 1.11	17.77 -1.35 0.95	25.67 -1.79 1.34	25.53 -1.82 1.83	31.61 -2.27 2.14	48.01 -3.12 2.74	48.42 -3.06 0.98	63.26 -3.44 0.00	44.44 -2.23 0.00	32.98 -1.62 0.00	30.52 -1.45 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.74 -1.41 0.00	33.38 -1.28 0.00	26.16 -1.08 0.00	25.41 -0.95 0.00	27.25 -1.00 0.00	29.87 -1.09 0.00	31.02 -1.31 0.00	34.14 -1.40 0.00	40.05 -1.59 0.00	49.76 -1.77 0.00	56.77 -2.08 0.00	48.00 -2.08 0.09	23.80 -1.19 2.92	23.42 -1.06 0.00	19.21 -0.86 0.00	27.65 -1.14 0.00	30.26 1.09 0.00	37.82 1.81 0.00	56.84 2.97 0.00	55.42 2.95 0.00	70.60 3.91 0.00	49.13 2.46 0.00	36.27 1.67 0.00	33.48 1.51 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.87 -2.29 0.00	32.61 -2.04 0.00	25.56 -1.68 0.00	24.84 -1.53 0.00	26.63 -1.63 0.00	29.18 -1.78 0.00	30.13 -2.20 0.00	33.10 -2.45 0.00	38.85 -2.79 0.00	48.40 -3.14 0.00	55.17 -3.69 0.00	46.62 -3.44 0.12	22.28 -1.94 3.68	22.70 -1.77 0.00	18.64 -1.43 0.00	26.87 -1.92 0.00	25.44 -1.93 1.81	31.50 -2.40 2.11	47.81 -3.35 2.71	48.25 -3.25 0.97	63.03 -3.66 0.00	44.29 -2.38 0.00	32.86 -1.74 0.00	30.42 -1.55 0.00
STA_56___34_KV_BUS2 355983	34.87 -2.29 0.00	32.61 -2.04 0.00	25.56 -1.68 0.00	24.84 -1.53 0.00	26.63 -1.63 0.00	29.18 -1.78 0.00	30.13 -2.20 0.00	33.10 -2.45 0.00	38.85 -2.79 0.00	48.40 -3.14 0.00	55.17 -3.69 0.00	46.62 -3.44 0.12	22.28 -1.94 3.68	22.70 -1.77 0.00	18.64 -1.43 0.00	26.87 -1.92 0.00	25.44 -1.93 1.81	31.50 -2.40 2.11	47.81 -3.35 2.71	48.25 -3.25 0.97	63.03 -3.66 0.00	44.29 -2.38 0.00	32.86 -1.74 0.00	30.42 -1.55 0.00
STA_67___115KV_BK2 355882	33.62 -2.25 1.28	31.40 -2.00 1.25	24.81 -1.65 0.78	23.90 -1.49 0.98	25.60 -1.60 1.07	28.60 -1.75 0.61	28.78 -2.20 1.35	31.57 -2.45 1.53	37.17 -2.81 1.66	46.53 -3.12 1.88	53.18 -3.66 2.02	44.80 -3.39 1.97	21.28 -1.93 4.69	21.57 -1.78 1.13	17.67 -1.43 0.97	25.53 -1.90 1.37	25.40 -1.93 1.85	31.45 -2.40 2.16	47.76 -3.33 2.78	48.25 -3.23 1.00	63.10 -3.60 0.00	44.33 -2.34 0.00	32.90 -1.70 0.00	30.46 -1.51 0.00
STA_7___115KV_9TRANS 80674	33.88 -2.02 1.25	31.63 -1.79 1.22	24.98 -1.50 0.76	24.06 -1.35 0.96	25.79 -1.43 1.04	28.79 -1.57 0.60	29.01 -2.00 1.32	31.82 -2.22 1.50	37.49 -2.53 1.63	46.93 -2.76 1.84	53.64 -3.23 1.97	45.20 -3.04 1.94	21.48 -1.73 4.68	21.78 -1.59 1.11	17.84 -1.27 0.95	25.80 -1.66 1.34	25.64 -1.71 1.83	31.76 -2.12 2.14	48.23 -2.90 2.74	48.68 -2.81 0.98	63.61 -3.08 0.00	44.68 -1.99 0.00	33.14 -1.46 0.00	30.67 -1.31 0.00
STA_82___115KV_TB1 80780	34.90 -2.25 0.00	32.65 -2.00 0.00	25.59 -1.65 0.00	24.88 -1.49 0.00	26.67 -1.60 0.00	29.21 -1.75 0.00	30.13 -2.20 0.00	33.10 -2.45 0.00	38.84 -2.81 0.00	48.41 -3.12 0.00	55.19 -3.66 0.00	46.65 -3.40 0.12	22.14 -1.94 3.82	22.69 -1.78 0.00	18.63 -1.43 0.00	26.89 -1.90 0.00	25.55 -1.92 1.70	31.63 -2.40 1.99	48.00 -3.32 2.55	48.34 -3.21 0.92	63.11 -3.59 0.00	44.33 -2.34 0.00	32.90 -1.70 0.00	30.46 -1.51 0.00
STEEL___WIND 323596	29.14 -3.06 4.95	27.10 -2.71 4.84	21.97 -2.27 3.00	20.57 -2.00 3.80	21.99 -2.15 4.12	26.26 -2.33 2.38	24.06 -3.05 5.22	26.24 -3.38 5.92	31.26 -3.94 6.44	39.94 -4.32 7.28	45.93 -5.22 7.71	38.23 -4.73 7.22	15.54 -2.64 9.71	17.68 -2.50 4.30	14.42 -1.97 3.68	20.90 -2.72 5.18	21.29 -2.74 5.14	26.52 -3.49 6.01	41.30 -4.86 7.71	45.00 -4.71 2.77	61.57 -5.13 0.00	43.47 -3.20 0.00	32.32 -2.28 0.00	29.93 -2.05 0.00
STEPHTWN_115KV_BK_2 55603	38.71 1.56 0.00	36.09 1.44 0.00	28.42 1.18 0.00	27.49 1.12 0.00	29.46 1.20 0.00	32.23 1.27 0.00	33.76 1.44 0.00	37.13 1.58 0.00	43.54 1.90 0.00	53.64 2.11 0.00	61.22 2.37 0.00	52.23 2.05 0.00	29.04 1.15 0.00	25.34 0.86 0.00	20.84 0.77 0.00	29.71 0.92 0.00	29.99 0.81 0.00	37.04 1.03 0.00	55.15 1.28 0.00	53.65 1.18 0.00	67.96 1.26 0.00	47.35 0.69 0.00	35.09 0.49 0.00	32.27 0.29 0.00
STEUBEN_REC_LFGE 323667	51.28 -4.21 -18.34	48.93 -3.66 -17.94	35.24 -3.11 -11.10	37.61 -2.83 -14.07	40.69 -2.85 -15.28	36.37 -3.39 -8.79	48.01 -3.64 -19.32	53.63 -3.85 -21.94	60.94 -4.55 -23.85	72.85 -5.57 -26.89	80.76 -6.51 -28.43	69.46 -5.91 -25.20	16.33 -3.31 8.26	37.49 -2.81 -15.82	31.21 -2.41 -13.55	44.96 -2.90 -19.06	44.96 -3.02 -18.79	54.12 -3.84 -21.94	77.29 -4.75 -28.17	59.16 -3.43 -10.11	63.73 -2.97 0.00	44.73 -1.94 0.00	32.19 -2.41 0.00	30.42 -1.56 0.00
STILLWATER___SOLAR 323814	38.97 1.82 0.00	36.31 1.66 0.00	28.56 1.32 0.00	27.63 1.26 0.00	29.62 1.36 0.00	32.43 1.47 0.00	33.99 1.67 0.00	37.39 1.85 0.00	43.83 2.19 0.00	53.98 2.45 0.00	61.58 2.73 0.00	52.51 2.34 0.00	29.28 1.38 0.00	25.70 1.22 0.00	21.13 1.06 0.00	30.47 1.68 0.00	30.82 1.64 0.00	38.15 2.14 0.00	57.01 3.14 0.00	55.56 3.09 0.00	70.22 3.53 0.00	48.93 2.26 0.00	36.20 1.60 0.00	33.30 1.32 0.00
STONY___BROOK 24151	39.12 1.97 0.00	36.30 1.65 0.00	28.60 1.36 0.00	27.49 1.12 0.00	29.46 1.19 0.00	32.16 1.20 0.00	33.97 1.65 0.00	37.53 1.99 0.00	44.06 2.42 0.00	54.00 2.47 0.00	60.78 1.91 -0.02	53.83 1.85 -1.81	29.12 1.21 -0.01	25.62 1.14 0.00	21.08 1.01 0.00	30.30 1.51 0.00	30.79 1.61 0.00	38.19 2.18 0.00	57.19 3.32 0.00	55.85 3.38 0.00	70.25 3.55 0.00	49.41 2.75 0.00	36.21 1.61 0.00	33.24 1.27 0.00
STURGEON_POOL_HYD 23609	38.65 1.50 0.00	36.07 1.42 0.00	28.41 1.17 0.00	27.42 1.05 0.00	29.38 1.12 0.00	32.20 1.24 0.00	33.71 1.39 0.00	37.10 1.56 0.00	43.54 1.90 0.00	53.75 2.22 0.00	61.45 2.60 0.00	52.63 2.45 0.00	29.26 1.37 0.00	25.71 1.24 0.00	21.12 1.05 0.00	30.29 1.50 0.00	30.63 1.46 0.00	37.81 1.79 0.00	56.46 2.59 0.00	54.97 2.50 0.00	69.66 2.97 0.00	48.58 1.91 0.00	35.82 1.22 0.00	32.92 0.94 0.00
ST_LAW_115_BK7_LBMP 345037	37.13 -0.02 0.00	34.60 -0.05 0.00	27.17 -0.07 0.00	26.31 -0.06 0.00	28.20 -0.06 0.00	30.92 -0.04 0.00	32.22 -0.10 0.00	35.35 -0.19 0.00	41.36 -0.28 0.00	51.38 -0.15 0.00	58.67 -0.18 0.00	49.92 -0.25 0.00	27.79 -0.10 0.00	24.41 -0.07 0.00	19.99 -0.08 0.00	28.65 -0.14 0.00	29.04 -0.14 0.00	35.87 -0.14 0.00	53.72 -0.15 0.00	52.31 -0.16 0.00	66.60 -0.10 0.00	46.70 0.04 0.00	34.74 0.14 0.00	32.16 0.18 0.00

ST_LAW_115_BK8_LBMP 345038	37.13 -0.02 0.00	34.60 -0.05 0.00	27.17 -0.07 0.00	26.31 -0.06 0.00	28.20 -0.06 0.00	30.92 -0.04 0.00	32.22 -0.10 0.00	35.35 -0.19 0.00	41.36 -0.28 0.00	51.38 -0.15 0.00	58.67 -0.18 0.00	49.92 -0.25 0.00	27.79 -0.10 0.00	24.41 -0.07 0.00	19.99 -0.08 0.00	28.65 -0.14 0.00	29.04 -0.14 0.00	35.87 -0.14 0.00	53.72 -0.15 0.00	52.31 -0.16 0.00	66.60 -0.10 0.00	46.70 0.04 0.00	34.74 0.14 0.00	32.16 0.18 0.00
ST_LAW_230_BK5_LBMP 345035	37.11 -0.05 0.00	34.57 -0.08 0.00	27.15 -0.09 0.00	26.29 -0.08 0.00	28.18 -0.08 0.00	30.90 -0.06 0.00	32.21 -0.12 0.00	35.34 -0.21 0.00	41.35 -0.29 0.00	51.35 -0.18 0.00	58.66 -0.19 0.00	49.89 -0.29 0.00	27.77 -0.13 0.00	24.39 -0.09 0.00	19.99 -0.08 0.00	28.64 -0.16 0.00	29.03 -0.15 0.00	35.86 -0.15 0.00	53.69 -0.18 0.00	52.29 -0.18 0.00	66.57 -0.13 0.00	46.67 0.01 0.00	34.70 0.10 0.00	32.11 0.14 0.00
ST_LAW_230_BK6_LBMP 345036	37.11 -0.05 0.00	34.57 -0.08 0.00	27.15 -0.09 0.00	26.29 -0.08 0.00	28.18 -0.08 0.00	30.90 -0.06 0.00	32.21 -0.12 0.00	35.34 -0.21 0.00	41.35 -0.29 0.00	51.35 -0.18 0.00	58.66 -0.19 0.00	49.89 -0.29 0.00	27.77 -0.13 0.00	24.39 -0.09 0.00	19.99 -0.08 0.00	28.64 -0.16 0.00	29.03 -0.15 0.00	35.86 -0.15 0.00	53.69 -0.18 0.00	52.29 -0.18 0.00	66.57 -0.13 0.00	46.67 0.01 0.00	34.70 0.10 0.00	32.11 0.14 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.35 1.19 0.00	35.79 1.14 0.00	28.18 0.94 0.00	27.18 0.81 0.00	29.16 0.90 0.00	31.97 1.01 0.00	33.47 1.14 0.00	36.85 1.30 0.00	43.21 1.57 0.00	53.34 1.82 0.00	60.98 2.13 0.00	52.22 2.05 0.00	29.03 1.13 0.00	25.49 1.02 0.00	20.94 0.87 0.00	29.99 1.20 0.00	30.32 1.14 0.00	37.41 1.40 0.00	55.86 1.99 0.00	54.39 1.92 0.00	68.93 2.23 0.00	48.08 1.42 0.00	35.48 0.88 0.00	32.62 0.64 0.00
SWANROAD_115KV_TB1 355699	26.57 -4.14 6.44	24.55 -3.80 6.30	20.25 -3.09 3.90	18.62 -2.81 4.95	19.87 -3.02 5.37	24.60 -3.27 3.09	21.37 -4.17 6.79	23.10 -4.73 7.71	27.76 -5.51 8.38	35.80 -6.27 9.46	41.46 -7.37 10.02	34.25 -6.62 9.30	14.25 -3.51 10.13	15.47 -3.42 5.58	12.53 -2.76 4.78	18.31 -3.76 6.72	18.69 -3.80 6.68	23.42 -4.79 7.81	36.98 -6.87 10.02	42.26 -6.62 3.60	59.15 -7.55 0.00	41.79 -4.88 0.00	31.16 -3.44 0.00	28.92 -3.06 0.00
SYNERGY___BIOGAS 323694	30.10 -2.46 4.60	27.93 -2.22 4.50	22.59 -1.86 2.79	21.22 -1.62 3.53	22.68 -1.75 3.83	26.87 -1.88 2.21	24.97 -2.52 4.85	27.25 -2.79 5.50	32.50 -3.16 5.98	41.41 -3.36 6.75	47.62 -4.06 7.17	39.57 -3.91 6.69	17.52 -2.29 8.09	18.20 -2.28 4.00	14.98 -1.66 3.42	21.92 -2.06 4.81	22.09 -2.10 4.99	27.39 -2.80 5.82	42.59 -3.61 7.48	46.18 -3.61 2.68	62.88 -3.82 0.00	44.25 -2.42 0.00	32.86 -1.74 0.00	30.41 -1.56 0.00
SYRACUSE___ENERGY_ST1 323597	36.39 -0.76 0.00	33.95 -0.70 0.00	26.64 -0.60 0.00	25.83 -0.54 0.00	27.69 -0.57 0.00	30.35 -0.61 0.00	31.66 -0.67 0.00	34.86 -0.69 0.00	40.87 -0.77 0.00	50.60 -0.93 0.00	57.80 -1.05 0.00	49.18 -0.99 0.00	27.33 -0.57 0.00	23.96 -0.52 0.00	19.59 -0.48 0.00	28.17 -0.62 0.00	28.58 -0.60 0.00	35.28 -0.73 0.00	52.85 -1.02 0.00	51.52 -0.95 0.00	65.60 -1.10 0.00	45.86 -0.81 0.00	34.00 -0.60 0.00	31.51 -0.47 0.00
SYRACUSE___ENERGY_ST2 323598	36.39 -0.76 0.00	33.95 -0.70 0.00	26.64 -0.60 0.00	25.83 -0.54 0.00	27.69 -0.57 0.00	30.35 -0.61 0.00	31.66 -0.67 0.00	34.86 -0.69 0.00	40.87 -0.77 0.00	50.60 -0.93 0.00	57.80 -1.05 0.00	49.18 -0.99 0.00	27.33 -0.57 0.00	23.96 -0.52 0.00	19.59 -0.48 0.00	28.17 -0.62 0.00	28.58 -0.60 0.00	35.28 -0.73 0.00	52.85 -1.02 0.00	51.52 -0.95 0.00	65.60 -1.10 0.00	45.86 -0.81 0.00	34.00 -0.60 0.00	31.51 -0.47 0.00
SYRACUSE___POWER 24017	36.36 -0.80 0.00	33.91 -0.74 0.00	26.61 -0.62 0.00	25.80 -0.57 0.00	27.67 -0.59 0.00	30.32 -0.64 0.00	31.62 -0.71 0.00	34.82 -0.72 0.00	40.83 -0.82 0.00	50.58 -0.96 0.00	57.76 -1.09 0.00	49.22 -1.00 -0.05	28.81 -0.59 -1.50	23.94 -0.53 0.00	19.58 -0.48 0.00	28.15 -0.64 0.00	28.56 -0.62 0.00	35.24 -0.78 0.00	52.78 -1.10 0.00	51.42 -1.05 0.00	65.48 -1.21 0.00	45.83 -0.84 0.00	33.95 -0.65 0.00	31.47 -0.50 0.00
TALLMAN___138KV_BK151 55660	38.46 1.30 0.00	35.89 1.24 0.00	28.27 1.03 0.00	27.24 0.87 0.00	29.21 0.95 0.00	32.02 1.06 0.00	33.53 1.20 0.00	36.92 1.38 0.00	43.31 1.67 0.00	53.45 1.92 0.00	61.14 2.29 0.00	52.39 2.22 0.00	29.11 1.21 0.00	25.58 1.10 0.00	21.01 0.95 0.00	30.11 1.31 0.00	30.44 1.26 0.00	37.52 1.51 0.00	56.03 2.16 0.00	54.56 2.09 0.00	69.12 2.42 0.00	48.21 1.54 0.00	35.55 0.94 0.00	32.67 0.69 0.00
TEALLAVE_115KV_TB7 355573	36.18 -0.97 0.00	33.76 -0.90 0.00	26.49 -0.75 0.00	25.69 -0.68 0.00	27.54 -0.72 0.00	30.17 -0.79 0.00	31.46 -0.87 0.00	34.63 -0.91 0.00	40.61 -1.03 0.00	50.32 -1.21 0.00	57.47 -1.38 0.00	48.93 -1.24 0.00	27.18 -0.72 0.00	23.82 -0.65 0.00	19.49 -0.58 0.00	28.01 -0.78 0.00	28.41 -0.77 0.00	35.04 -0.98 0.00	52.48 -1.39 0.00	51.12 -1.35 0.00	65.12 -1.58 0.00	45.57 -1.10 0.00	33.77 -0.83 0.00	31.31 -0.67 0.00
TELGRAPH_34_KV_EAST 80808	27.95 -3.28 5.92	25.89 -2.96 5.79	21.21 -2.45 3.59	19.63 -2.19 4.55	20.99 -2.34 4.94	25.57 -2.55 2.84	22.79 -3.29 6.24	24.74 -3.72 7.09	29.65 -4.29 7.70	38.04 -4.79 8.70	43.97 -5.66 9.22	36.41 -5.20 8.56	15.66 -2.82 9.41	16.57 -2.77 5.14	13.49 -2.18 4.40	19.73 -2.87 6.19	20.04 -2.91 6.23	24.96 -3.78 7.28	39.22 -5.31 9.34	44.10 -5.02 3.35	61.14 -5.56 0.00	43.10 -3.56 0.00	32.06 -2.54 0.00	29.71 -2.26 0.00
TEMPLE___115KV_TB 2 55572	36.20 -0.95 0.00	33.76 -0.89 0.00	26.50 -0.74 0.00	25.69 -0.67 0.00	27.55 -0.71 0.00	30.20 -0.77 0.00	31.47 -0.86 0.00	34.64 -0.90 0.00	40.62 -1.02 0.00	50.34 -1.19 0.00	57.48 -1.37 0.00	48.94 -1.23 0.00	27.18 -0.71 0.00	23.83 -0.65 0.00	19.50 -0.57 0.00	28.02 -0.77 0.00	28.42 -0.75 0.00	35.06 -0.95 0.00	52.49 -1.38 0.00	51.15 -1.32 0.00	65.14 -1.55 0.00	45.58 -1.09 0.00	33.78 -0.82 0.00	31.33 -0.64 0.00
TIANA____69_KV_BK 1 55817	38.87 1.72 0.00	35.83 1.18 0.00	28.24 1.00 0.00	27.15 0.78 0.00	29.08 0.82 0.00	31.78 0.81 0.00	33.76 1.43 0.00	37.57 2.03 0.00	44.10 2.46 0.00	53.49 1.96 0.00	59.11 0.47 0.21	27.12 0.29 23.34	28.12 0.38 0.15	24.90 0.43 0.00	20.47 0.40 0.00	29.38 0.59 0.00	30.06 0.88 0.00	37.57 1.56 0.00	56.67 2.80 0.00	55.48 3.01 0.00	69.89 3.19 0.00	49.36 2.69 0.00	36.13 1.53 0.00	33.16 1.19 0.00
TILDEN___115KV_TB1 80814	36.36 -0.80 0.00	33.91 -0.74 0.00	26.61 -0.62 0.00	25.80 -0.57 0.00	27.67 -0.59 0.00	30.32 -0.64 0.00	31.62 -0.71 0.00	34.82 -0.72 0.00	40.83 -0.82 0.00	50.58 -0.96 0.00	57.76 -1.09 0.00	49.22 -1.00 -0.05	28.81 -0.59 -1.50	23.94 -0.53 0.00	19.58 -0.48 0.00	28.15 -0.64 0.00	28.56 -0.62 0.00	35.24 -0.78 0.00	52.78 -1.10 0.00	51.42 -1.05 0.00	65.48 -1.21 0.00	45.83 -0.84 0.00	33.95 -0.65 0.00	31.47 -0.50 0.00

TRIGEN__CC 323695	39.06 1.91 0.00	36.41 1.76 0.00	28.68 1.44 0.00	27.60 1.23 0.00	29.58 1.32 0.00	32.34 1.38 0.00	33.98 1.65 0.00	37.40 1.86 0.00	43.91 2.27 0.00	54.09 2.56 0.00	61.51 2.66 0.00	52.75 2.58 0.00	29.41 1.52 0.00	25.87 1.40 0.00	21.27 1.20 0.00	30.55 1.76 0.00	30.93 1.76 0.00	38.23 2.22 0.00	57.09 3.22 0.00	55.59 3.12 0.00	70.15 3.45 0.00	49.11 2.44 0.00	36.11 1.51 0.00	33.17 1.19 0.00
TRINITY__115KV__ 4 BK 55933	38.45 1.30 0.00	35.88 1.23 0.00	28.26 1.02 0.00	27.32 0.94 0.00	29.27 1.01 0.00	32.03 1.07 0.00	33.53 1.21 0.00	36.87 1.32 0.00	43.18 1.54 0.00	53.17 1.64 0.00	60.71 1.87 0.00	51.86 1.69 0.00	28.82 0.91 0.00	25.11 0.64 0.00	20.67 0.60 0.00	29.61 0.81 0.00	29.96 0.78 0.00	36.91 0.90 0.00	54.99 1.12 0.00	53.56 1.09 0.00	67.83 1.13 0.00	47.32 0.66 0.00	35.09 0.49 0.00	32.28 0.30 0.00
UNION__PROCESSING_DRP 323587	34.90 -2.25 0.00	32.65 -2.00 0.00	25.59 -1.65 0.00	24.88 -1.49 0.00	26.67 -1.59 0.00	29.22 -1.74 0.00	30.13 -2.19 0.00	33.10 -2.44 0.00	38.86 -2.79 0.00	48.42 -3.11 0.00	55.19 -3.66 0.00	46.66 -3.39 0.12	22.14 -1.93 3.82	22.70 -1.78 0.00	18.64 -1.43 0.00	26.90 -1.89 0.00	25.50 -1.92 1.77	31.56 -2.39 2.06	47.91 -3.31 2.65	48.33 -3.20 0.95	63.12 -3.58 0.00	44.34 -2.33 0.00	32.91 -1.69 0.00	30.47 -1.51 0.00
UPPER HUDSON__HYD 24058	39.39 2.24 0.00	36.66 2.01 0.00	28.80 1.56 0.00	27.86 1.49 0.00	29.92 1.65 0.00	32.75 1.79 0.00	34.38 2.05 0.00	37.82 2.28 0.00	44.37 2.73 0.00	54.61 3.08 0.00	62.22 3.37 0.00	53.03 2.86 0.00	29.61 1.71 0.00	26.03 1.55 0.00	21.41 1.34 0.00	30.96 2.17 0.00	31.24 2.06 0.00	38.74 2.73 0.00	57.91 4.04 0.00	56.50 4.03 0.00	71.15 4.45 0.00	49.58 2.91 0.00	36.65 2.05 0.00	33.66 1.69 0.00
UPPER RAQUET__HYD 24056	45.52 -0.29 -8.67	42.62 -0.36 -8.33	34.08 -0.37 -7.21	33.12 -0.34 -7.09	34.65 -0.36 -6.75	35.72 -0.36 -5.12	36.61 -0.42 -4.70	42.69 -0.53 -7.68	50.30 -0.66 -9.32	61.77 -0.57 -10.80	70.07 -0.65 -11.87	59.98 -0.70 -10.50	34.79 -0.37 -7.27	29.31 -0.20 -5.04	25.94 -0.28 -6.15	35.75 -0.45 -7.41	36.27 -0.40 -7.49	44.10 -0.43 -8.51	64.58 -0.44 -11.15	61.24 -0.48 -9.25	75.67 -0.37 -9.34	56.85 0.07 -10.11	43.07 0.15 -8.31	38.23 0.22 -6.03
VALLEY44_115KV_TB2 355964	34.91 -2.24 0.00	32.68 -1.98 0.00	25.59 -1.65 0.00	24.93 -1.44 0.00	26.77 -1.49 0.00	29.43 -1.54 0.00	30.33 -2.00 0.00	33.48 -2.06 0.00	39.29 -2.35 0.00	48.67 -2.86 0.00	55.36 -3.49 0.00	46.41 -3.50 0.26	17.81 -1.93 8.16	22.57 -1.91 0.00	18.57 -1.50 0.00	26.75 -2.04 0.00	27.18 -1.99 0.00	33.39 -2.63 0.00	50.47 -3.40 0.00	49.24 -3.23 0.00	63.42 -3.28 0.00	44.53 -2.14 0.00	33.02 -1.58 0.00	30.58 -1.40 0.00
VALLEY__115KV_TB 1-4 80826	37.46 0.31 0.00	34.92 0.26 0.00	27.44 0.20 0.00	26.52 0.15 0.00	28.36 0.10 0.00	31.02 0.06 0.00	32.48 0.15 0.00	35.77 0.22 0.00	41.98 0.34 0.00	51.74 0.20 0.00	58.98 0.13 0.00	50.46 0.29 0.00	28.06 0.16 0.00	24.58 0.11 0.00	20.18 0.11 0.00	28.97 0.17 0.00	29.38 0.21 0.00	36.29 0.27 0.00	54.09 0.22 0.00	52.81 0.34 0.00	66.83 0.13 0.00	46.79 0.12 0.00	34.60 0.00 0.00	31.78 -0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.38 1.23 0.00	35.81 1.16 0.00	28.11 0.87 0.00	27.24 0.87 0.00	29.16 0.89 0.00	31.97 1.01 0.00	33.40 1.07 0.00	36.82 1.28 0.00	43.28 1.64 0.00	53.52 2.00 0.00	61.15 2.31 0.00	52.13 1.96 0.00	28.96 1.07 0.00	25.42 0.94 0.00	20.82 0.75 0.00	29.87 1.08 0.00	30.28 1.10 0.00	37.35 1.33 0.00	55.92 2.05 0.00	54.46 1.99 0.00	69.20 2.51 0.00	48.34 1.67 0.00	35.75 1.15 0.00	32.98 1.01 0.00
VISCHER__FERRY HYD 24020	38.50 1.35 0.00	35.88 1.23 0.00	28.25 1.01 0.00	27.30 0.93 0.00	29.28 1.02 0.00	32.04 1.07 0.00	33.58 1.25 0.00	36.91 1.37 0.00	43.26 1.62 0.00	53.24 1.72 0.00	60.80 1.95 0.00	51.85 1.68 0.00	28.87 0.98 0.00	25.31 0.83 0.00	20.81 0.74 0.00	29.95 1.15 0.00	30.30 1.12 0.00	37.43 1.42 0.00	55.83 1.96 0.00	54.41 1.94 0.00	68.82 2.12 0.00	47.99 1.32 0.00	35.55 0.95 0.00	32.69 0.71 0.00
V_A_10_SYNC_DSASP 323832	29.42 -3.21 4.52	27.37 -2.85 4.43	22.17 -2.33 2.74	20.80 -2.10 3.47	22.23 -2.26 3.77	26.32 -2.47 2.17	24.43 -3.13 4.77	26.62 -3.51 5.41	31.70 -4.06 5.88	40.30 -4.58 6.65	46.36 -5.44 7.04	38.69 -4.92 6.56	17.30 -2.79 7.80	17.99 -2.56 3.93	14.62 -2.08 3.36	21.21 -2.85 4.73	21.42 -2.88 4.87	26.76 -3.56 5.69	41.52 -5.04 7.31	44.88 -4.97 2.62	61.02 -5.68 0.00	43.03 -3.63 0.00	32.01 -2.60 0.00	29.65 -2.33 0.00
V_CMM_10_SYNC_DSASP 323787	37.31 0.15 0.00	34.77 0.12 0.00	27.29 0.05 0.00	26.43 0.06 0.00	28.33 0.07 0.00	31.07 0.11 0.00	32.37 0.04 0.00	35.51 -0.03 0.00	41.55 -0.09 0.00	51.63 0.10 0.00	58.96 0.11 0.00	50.14 -0.03 0.00	27.92 0.02 0.00	24.52 0.05 0.00	20.09 0.02 0.00	28.78 -0.01 0.00	29.18 0.00 0.00	36.05 0.04 0.00	53.98 0.11 0.00	52.57 0.10 0.00	66.91 0.21 0.00	46.94 0.27 0.00	34.91 0.31 0.00	32.31 0.33 0.00
V_CMP_10_SYNC_DSASP 323788	-20.41 -0.95 56.61	-20.61 -0.84 54.42	-20.65 -0.77 47.12	-20.63 -0.72 46.29	-16.61 -0.78 44.09	-3.33 -0.83 33.46	0.64 -0.97 30.71	-15.69 -1.08 50.16	-20.48 -1.28 60.84	-20.41 -1.37 70.57	-20.28 -1.62 77.51	-20.14 -1.71 68.61	-20.50 -0.92 47.48	-9.21 -0.79 32.89	-20.68 -0.55 40.20	-20.47 -0.87 48.40	-20.62 -0.88 48.92	-20.58 -1.01 55.58	-20.36 -1.44 72.79	-9.34 -1.45 60.36	4.02 -1.73 60.94	-20.36 -1.01 66.02	-20.39 -0.72 54.26	-8.15 -0.75 39.37
V_D_10_SYNC_DSASP 323841	39.33 0.27 -1.91	36.70 0.21 -1.84	28.93 0.10 -1.59	28.06 0.12 -1.56	29.89 0.14 -1.49	32.28 0.19 -1.13	33.49 0.13 -1.04	37.30 0.06 -1.69	43.73 0.03 -2.06	54.17 0.25 -2.38	61.75 0.28 -2.62	52.61 0.11 -2.32	29.60 0.10 -1.60	25.71 0.12 -1.11	21.49 0.06 -1.36	30.49 0.06 -1.64	30.91 0.08 -1.65	38.03 0.14 -1.88	56.64 0.31 -2.46	54.79 0.27 -2.04	69.22 0.46 -2.06	49.37 0.47 -2.24	36.89 0.45 -1.84	33.78 0.48 -1.33
V_E_10_SYNC_DSASP 323830	38.65 0.02 -1.48	36.09 -0.01 -1.45	27.93 -0.21 -0.90	27.50 -0.01 -1.14	29.34 -0.16 -1.23	31.52 -0.15 -0.71	33.74 -0.15 -1.56	37.35 0.03 -1.77	43.76 0.19 -1.93	54.00 0.29 -2.18	61.36 0.21 -2.30	52.64 0.07 -2.40	38.52 -0.09 -10.71	25.67 -0.09 -1.28	20.95 -0.22 -1.10	30.27 -0.06 -1.55	30.96 0.07 -1.71	38.14 0.12 -2.00	57.35 0.91 -2.57	54.46 1.07 -0.92	69.21 2.51 0.00	48.38 1.72 0.00	35.74 1.14 0.00	33.26 1.28 0.00
V_F_30_NSYNC__DSASP 323816	39.00 1.85 0.00	36.34 1.69 0.00	28.58 1.34 0.00	27.65 1.28 0.00	29.64 1.38 0.00	32.46 1.50 0.00	34.02 1.69 0.00	37.41 1.87 0.00	43.87 2.23 0.00	54.05 2.52 0.00	61.67 2.82 0.00	52.58 2.40 0.00	29.31 1.41 0.00	25.74 1.26 0.00	21.14 1.08 0.00	30.52 1.73 0.00	30.86 1.68 0.00	38.20 2.19 0.00	57.10 3.23 0.00	55.64 3.16 0.00	70.33 3.63 0.00	49.01 2.35 0.00	36.26 1.66 0.00	33.35 1.38 0.00

V_F_30_SYNC_DSASP 323786	38.57 1.42 0.00	35.99 1.33 0.00	28.34 1.10 0.00	27.40 1.03 0.00	29.36 1.10 0.00	32.13 1.17 0.00	33.64 1.31 0.00	36.98 1.43 0.00	43.33 1.69 0.00	53.35 1.82 0.00	60.94 2.09 0.00	52.07 1.90 0.00	28.93 1.03 0.00	25.21 0.74 0.00	20.75 0.69 0.00	29.69 0.90 0.00	30.04 0.87 0.00	37.02 1.00 0.00	55.13 1.26 0.00	53.69 1.22 0.00	67.99 1.30 0.00	47.44 0.77 0.00	35.17 0.57 0.00	32.35 0.37 0.00
V_XM_10_SYNC_DSASP 323789	-20.41 -0.95 56.61	-20.61 -0.84 54.42	-20.65 -0.77 47.12	-20.63 -0.72 46.29	-16.61 -0.78 44.09	-3.33 -0.83 33.46	0.64 -0.97 30.71	-15.69 -1.08 50.16	-20.48 -1.28 60.84	-20.41 -1.37 70.57	-20.28 -1.62 77.51	-20.14 -1.71 68.61	-20.50 -0.92 47.48	-9.21 -0.79 32.89	-20.68 -0.55 40.20	-20.47 -0.87 48.40	-20.62 -0.88 48.92	-20.58 -1.01 55.58	-20.36 -1.44 72.79	-9.34 -1.45 60.36	4.02 -1.73 60.94	-20.36 -1.01 66.02	-20.39 -0.72 54.26	-8.15 -0.75 39.37
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.62 1.47 0.00	36.04 1.39 0.00	28.39 1.15 0.00	27.36 0.99 0.00	29.34 1.07 0.00	32.15 1.19 0.00	33.67 1.34 0.00	37.08 1.54 0.00	43.50 1.86 0.00	53.70 2.17 0.00	61.39 2.54 0.00	52.60 2.42 0.00	29.23 1.33 0.00	25.68 1.20 0.00	21.10 1.03 0.00	30.25 1.45 0.00	30.57 1.39 0.00	37.70 1.69 0.00	56.29 2.42 0.00	54.81 2.34 0.00	69.45 2.75 0.00	48.44 1.77 0.00	35.71 1.11 0.00	32.81 0.84 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.00 1.84 0.00	36.45 1.80 0.00	28.75 1.51 0.00	27.71 1.34 0.00	29.69 1.43 0.00	32.53 1.57 0.00	34.10 1.77 0.00	37.52 1.98 0.00	44.03 2.39 0.00	54.30 2.78 0.00	61.99 3.14 0.00	53.15 2.98 0.00	29.53 1.64 0.00	25.96 1.49 0.00	21.35 1.28 0.00	30.62 1.83 0.00	30.92 1.74 0.00	38.14 2.12 0.00	56.94 3.07 0.00	55.33 2.86 0.00	70.10 3.40 0.00	48.90 2.24 0.00	36.07 1.47 0.00	33.15 1.18 0.00
W50THST__13_KV_LOAD 356117	39.14 1.99 0.00	36.59 1.93 0.00	28.85 1.61 0.00	27.81 1.44 0.00	29.80 1.54 0.00	32.65 1.69 0.00	34.27 1.94 0.00	37.72 2.17 0.00	44.26 2.62 0.00	54.59 3.06 0.00	62.33 3.48 0.00	53.45 3.28 0.00	29.70 1.80 0.00	26.11 1.64 0.00	21.47 1.40 0.00	30.80 2.01 0.00	31.10 1.93 0.00	38.36 2.34 0.00	57.25 3.38 0.00	55.58 3.11 0.00	70.39 3.69 0.00	49.16 2.50 0.00	36.25 1.65 0.00	33.34 1.37 0.00
WADING RIVER_IC_1 23522	38.81 1.66 0.00	35.76 1.11 0.00	28.19 0.95 0.00	27.11 0.74 0.00	29.04 0.78 0.00	31.70 0.74 0.00	33.72 1.39 0.00	37.58 2.03 0.00	44.10 2.46 0.00	53.45 1.92 0.00	59.02 0.33 0.15	33.03 0.15 17.29	28.09 0.31 0.11	24.84 0.36 0.00	20.42 0.35 0.00	29.34 0.54 0.00	29.93 0.75 0.00	37.28 1.26 0.00	56.03 2.16 0.00	54.80 2.33 0.00	68.98 2.28 0.00	48.84 2.17 0.00	35.75 1.15 0.00	32.81 0.84 0.00
WADING RIVER_IC_2 23547	38.81 1.66 0.00	35.76 1.11 0.00	28.19 0.95 0.00	27.11 0.74 0.00	29.04 0.78 0.00	31.70 0.74 0.00	33.72 1.39 0.00	37.58 2.03 0.00	44.10 2.46 0.00	53.45 1.92 0.00	59.02 0.33 0.15	33.03 0.15 17.29	28.09 0.31 0.11	24.84 0.36 0.00	20.42 0.35 0.00	29.34 0.54 0.00	29.93 0.75 0.00	37.28 1.26 0.00	56.03 2.16 0.00	54.80 2.33 0.00	68.98 2.28 0.00	48.84 2.17 0.00	35.75 1.15 0.00	32.81 0.84 0.00
WADING RIVER_IC_3 23601	38.81 1.66 0.00	35.76 1.11 0.00	28.19 0.95 0.00	27.11 0.74 0.00	29.04 0.78 0.00	31.70 0.74 0.00	33.72 1.39 0.00	37.58 2.03 0.00	44.10 2.46 0.00	53.45 1.92 0.00	59.02 0.33 0.15	33.03 0.15 17.29	28.09 0.31 0.11	24.84 0.36 0.00	20.42 0.35 0.00	29.34 0.54 0.00	29.93 0.75 0.00	37.28 1.26 0.00	56.03 2.16 0.00	54.80 2.33 0.00	68.98 2.28 0.00	48.84 2.17 0.00	35.75 1.15 0.00	32.81 0.84 0.00
WALDENNY_12_KV_BK2 80841	28.96 -3.09 5.11	26.91 -2.75 5.00	21.86 -2.29 3.09	20.42 -2.03 3.92	21.83 -2.17 4.25	26.15 -2.36 2.45	23.83 -3.11 5.38	25.95 -3.48 6.11	30.95 -4.05 6.64	39.57 -4.46 7.50	45.59 -5.31 7.95	37.87 -4.87 7.44	15.52 -2.62 9.75	17.50 -2.54 4.43	14.26 -2.02 3.79	20.69 -2.77 5.34	21.09 -2.78 5.30	26.28 -3.54 6.20	40.97 -4.94 7.95	44.88 -4.73 2.86	61.57 -5.13 0.00	43.45 -3.22 0.00	32.32 -2.28 0.00	29.94 -2.03 0.00
WALDEN__HYDRO 24148	38.59 1.44 0.00	36.01 1.36 0.00	28.35 1.12 0.00	27.35 0.98 0.00	29.35 1.09 0.00	32.16 1.20 0.00	33.67 1.35 0.00	37.07 1.53 0.00	43.49 1.85 0.00	53.69 2.16 0.00	61.36 2.51 0.00	52.55 2.38 0.00	29.21 1.31 0.00	25.66 1.18 0.00	21.06 0.99 0.00	30.18 1.39 0.00	30.52 1.35 0.00	37.68 1.66 0.00	56.28 2.41 0.00	54.79 2.32 0.00	69.44 2.75 0.00	48.43 1.76 0.00	35.72 1.12 0.00	32.83 0.85 0.00
WARRENSBURG____ 23737	39.39 2.24 0.00	36.66 2.01 0.00	28.81 1.57 0.00	27.87 1.50 0.00	29.92 1.65 0.00	32.75 1.79 0.00	34.37 2.05 0.00	37.82 2.28 0.00	44.37 2.73 0.00	54.61 3.08 0.00	62.23 3.37 0.00	53.04 2.87 0.00	29.61 1.71 0.00	26.03 1.55 0.00	21.42 1.35 0.00	30.96 2.17 0.00	31.24 2.06 0.00	38.74 2.73 0.00	57.91 4.04 0.00	56.50 4.03 0.00	71.16 4.46 0.00	49.57 2.91 0.00	36.65 2.05 0.00	33.66 1.69 0.00
WATERSIDE____6 8 9 23538	36.87 1.99 2.28	34.33 1.92 2.24	25.58 1.60 3.26	24.70 1.44 3.10	27.01 1.53 2.79	29.74 1.66 2.89	31.17 1.82 2.97	35.28 2.04 2.30	42.94 2.45 1.15	54.33 2.84 0.04	62.03 3.20 0.01	48.75 3.05 4.47	26.67 1.71 2.93	26.24 1.54 -0.23	18.61 1.33 2.79	27.01 1.89 3.68	27.15 1.80 3.83	35.65 2.19 2.55	53.93 3.16 3.10	62.10 3.03 -6.60	101.14 3.64 -30.81	78.35 2.37 -29.32	36.30 1.56 -0.15	29.92 1.26 3.31
WATKINRD_115KV_LN8_ILLION 55919	37.45 0.30 0.00	34.91 0.26 0.00	27.45 0.21 0.00	26.54 0.17 0.00	28.41 0.15 0.00	31.10 0.14 0.00	32.55 0.22 0.00	35.83 0.28 0.00	42.01 0.38 0.00	51.83 0.30 0.00	59.13 0.28 0.00	50.55 0.38 0.00	28.11 0.21 0.00	24.64 0.16 0.00	20.22 0.15 0.00	29.03 0.23 0.00	29.42 0.24 0.00	36.31 0.30 0.00	54.19 0.32 0.00	52.85 0.38 0.00	66.98 0.28 0.00	46.84 0.17 0.00	34.65 0.05 0.00	31.88 -0.10 0.00
WATSON____69_KV_BK 1 55734	39.50 2.35 0.00	36.70 2.05 0.00	28.91 1.67 0.00	27.79 1.42 0.00	29.76 1.50 0.00	32.53 1.57 0.00	34.32 1.99 0.00	37.85 2.30 0.00	44.44 2.80 0.00	54.53 3.00 0.00	61.56 2.70 -0.02	54.57 2.55 -1.85	29.47 1.57 -0.01	25.96 1.48 0.00	21.34 1.28 0.00	30.69 1.90 0.00	31.18 2.00 0.00	38.64 2.63 0.00	57.82 3.95 0.00	56.46 3.98 0.00	71.03 4.33 0.00	49.90 3.23 0.00	36.55 1.96 0.00	33.56 1.58 0.00
WDELAWARE__HYD 323627	38.52 1.37 0.00	35.92 1.27 0.00	28.28 1.04 0.00	27.30 0.93 0.00	29.28 1.02 0.00	32.10 1.14 0.00	33.61 1.28 0.00	37.00 1.46 0.00	43.45 1.80 0.00	53.69 2.16 0.00	61.38 2.53 0.00	52.58 2.41 0.00	29.20 1.30 0.00	25.61 1.13 0.00	21.02 0.96 0.00	30.18 1.38 0.00	30.43 1.25 0.00	37.60 1.58 0.00	56.17 2.30 0.00	54.76 2.29 0.00	69.46 2.77 0.00	48.43 1.76 0.00	35.69 1.09 0.00	32.80 0.82 0.00

WEST BABYLON___IC 23714	39.46 2.30 0.00	36.69 2.04 0.00	28.89 1.65 0.00	27.78 1.41 0.00	29.76 1.50 0.00	32.53 1.57 0.00	34.27 1.94 0.00	37.76 2.22 0.00	44.34 2.69 0.00	54.47 2.94 0.00	61.70 2.84 0.00	52.82 2.65 0.00	29.49 1.59 0.00	25.99 1.52 0.00	21.36 1.30 0.00	30.72 1.93 0.00	31.19 2.01 0.00	38.63 2.61 0.00	57.78 3.91 0.00	56.37 3.89 0.00	70.95 4.26 0.00	49.79 3.13 0.00	36.50 1.90 0.00	33.52 1.54 0.00
WEST CANADA___HYD 24049	37.30 0.14 0.00	34.77 0.12 0.00	27.35 0.11 0.00	26.47 0.10 0.00	28.35 0.09 0.00	31.05 0.09 0.00	32.46 0.13 0.00	35.71 0.16 0.00	41.85 0.21 0.00	51.71 0.19 0.00	59.05 0.20 0.00	50.41 0.24 0.00	28.03 0.13 0.00	24.60 0.12 0.00	20.17 0.10 0.00	28.94 0.14 0.00	29.32 0.15 0.00	36.17 0.16 0.00	54.09 0.22 0.00	52.68 0.21 0.00	66.92 0.22 0.00	46.82 0.15 0.00	34.70 0.10 0.00	32.03 0.06 0.00
WESTERN_NY_WIND 24143	29.66 -2.57 4.92	27.53 -2.31 4.82	22.33 -1.93 2.98	20.89 -1.70 3.78	22.34 -1.81 4.10	26.63 -1.97 2.36	24.51 -2.63 5.19	26.73 -2.93 5.89	31.90 -3.33 6.40	40.68 -3.61 7.23	46.88 -4.30 7.67	38.88 -4.14 7.15	17.16 -2.32 8.41	17.82 -2.37 4.28	14.66 -1.75 3.66	21.47 -2.18 5.15	21.67 -2.21 5.29	26.89 -2.95 6.18	41.92 -4.02 7.93	45.86 -3.77 2.85	62.75 -3.95 0.00	44.15 -2.52 0.00	32.79 -1.81 0.00	30.36 -1.61 0.00
WESTOVER___LESR 323668	36.34 -0.82 0.00	33.90 -0.75 0.00	26.58 -0.66 0.00	25.83 -0.54 0.00	27.72 -0.55 0.00	30.37 -0.59 0.00	31.65 -0.68 0.00	34.89 -0.66 0.00	40.89 -0.75 0.00	50.58 -0.95 0.00	57.78 -1.08 0.00	49.02 -1.05 0.11	24.01 -0.66 3.23	23.89 -0.58 0.00	19.58 -0.49 0.00	28.15 -0.64 0.00	28.55 -0.63 0.00	35.26 -0.76 0.00	52.86 -1.01 0.00	51.53 -0.94 0.00	65.74 -0.95 0.00	45.99 -0.68 0.00	34.00 -0.60 0.00	31.44 -0.53 0.00
WETHRSFD_WT_PWR 323626	-12.98 -4.35 45.79	-14.09 -3.95 44.79	-3.77 -3.28 27.73	-11.77 -2.99 35.15	-12.98 -3.09 38.14	5.49 -3.52 21.96	-19.67 -3.75 48.25	-23.19 -3.96 54.78	-22.60 -4.69 59.56	-21.42 -5.81 67.14	-19.06 -6.90 71.00	-20.87 -6.11 64.93	-17.42 -3.51 41.80	-18.11 -3.05 39.54	-16.24 -2.46 33.84	-22.01 -3.20 47.61	-18.97 -3.19 44.96	-20.52 -4.05 52.49	-19.24 -5.72 67.39	23.03 -5.26 24.19	60.93 -5.77 0.00	42.66 -4.01 0.00	31.39 -3.21 0.00	29.29 -2.69 0.00
WHAVSTOR_138KV_BK127 55557	38.49 1.34 0.00	35.93 1.28 0.00	28.30 1.06 0.00	27.27 0.90 0.00	29.25 0.99 0.00	32.05 1.09 0.00	33.56 1.23 0.00	36.95 1.41 0.00	43.35 1.70 0.00	53.50 1.96 0.00	61.15 2.30 0.00	52.40 2.22 0.00	29.12 1.23 0.00	25.58 1.11 0.00	21.02 0.96 0.00	30.13 1.34 0.00	30.45 1.28 0.00	37.55 1.54 0.00	56.07 2.20 0.00	54.59 2.11 0.00	69.15 2.45 0.00	48.24 1.58 0.00	35.57 0.97 0.00	32.69 0.72 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.49 1.34 0.00	35.93 1.28 0.00	28.30 1.06 0.00	27.27 0.90 0.00	29.25 0.99 0.00	32.05 1.09 0.00	33.56 1.23 0.00	36.95 1.41 0.00	43.35 1.70 0.00	53.50 1.96 0.00	61.15 2.30 0.00	52.40 2.22 0.00	29.12 1.23 0.00	25.58 1.11 0.00	21.02 0.96 0.00	30.13 1.34 0.00	30.45 1.28 0.00	37.55 1.54 0.00	56.07 2.20 0.00	54.59 2.11 0.00	69.15 2.45 0.00	48.24 1.58 0.00	35.57 0.97 0.00	32.69 0.72 0.00
WHITEHAL_115KV_TB1 80871	40.19 3.04 0.00	37.23 2.58 0.00	29.18 1.94 0.00	28.18 1.81 0.00	30.37 2.11 0.00	33.20 2.24 0.00	34.99 2.67 0.00	38.59 3.05 0.00	45.25 3.61 0.00	55.31 3.78 0.00	62.83 3.98 0.00	53.10 2.93 0.00	29.80 1.90 0.00	26.32 1.84 0.00	21.78 1.71 0.00	31.58 2.78 0.00	31.89 2.71 0.00	39.66 3.64 0.00	59.35 5.48 0.00	57.83 5.36 0.00	72.04 5.34 0.00	50.00 3.34 0.00	37.12 2.52 0.00	34.03 2.06 0.00
WHITEPLN_13_KV_LOAD 356215	39.14 1.99 0.00	36.54 1.89 0.00	28.78 1.54 0.00	27.74 1.37 0.00	29.73 1.47 0.00	32.58 1.62 0.00	34.12 1.80 0.00	37.55 2.01 0.00	44.09 2.45 0.00	54.38 2.85 0.00	62.13 3.28 0.00	53.23 3.06 0.00	29.61 1.71 0.00	26.02 1.55 0.00	21.39 1.32 0.00	30.68 1.89 0.00	31.01 1.83 0.00	38.25 2.24 0.00	57.15 3.28 0.00	55.61 3.14 0.00	70.43 3.73 0.00	49.12 2.46 0.00	36.20 1.60 0.00	33.25 1.27 0.00
WM_FLOYD_69_KV_BK2 356380	39.04 1.89 0.00	36.12 1.47 0.00	28.48 1.25 0.00	27.39 1.02 0.00	29.33 1.07 0.00	32.04 1.08 0.00	33.93 1.60 0.00	37.59 2.04 0.00	44.13 2.48 0.00	53.82 2.29 0.00	59.79 1.27 0.33	14.24 1.18 37.12	28.51 0.85 0.24	25.32 0.85 0.00	20.82 0.75 0.00	29.90 1.11 0.00	30.45 1.28 0.00	37.85 1.83 0.00	56.79 2.92 0.00	55.52 3.04 0.00	69.86 3.16 0.00	49.28 2.61 0.00	36.08 1.48 0.00	33.12 1.15 0.00
WOODARD___115KV_TB2 355635	36.17 -0.98 0.00	33.73 -0.92 0.00	26.48 -0.76 0.00	25.68 -0.69 0.00	27.53 -0.73 0.00	30.17 -0.79 0.00	31.45 -0.88 0.00	34.61 -0.93 0.00	40.59 -1.05 0.00	50.29 -1.24 0.00	57.45 -1.41 0.00	48.91 -1.27 0.00	27.16 -0.73 0.00	23.82 -0.66 0.00	19.48 -0.58 0.00	28.01 -0.78 0.00	28.40 -0.78 0.00	35.03 -0.98 0.00	52.46 -1.41 0.00	51.12 -1.36 0.00	65.11 -1.59 0.00	45.56 -1.11 0.00	33.77 -0.83 0.00	31.31 -0.66 0.00
YORK___WARBASSE 23770	49.88 2.26 -10.47	49.19 2.19 -12.36	48.54 1.79 -19.51	48.56 1.60 -20.59	48.46 1.72 -18.48	48.67 1.89 -15.82	49.22 2.05 -14.84	49.31 2.29 -11.47	50.17 2.76 -5.77	54.90 3.16 -0.21	62.54 3.60 -0.08	75.86 3.40 -22.28	50.53 1.89 -20.74	50.30 1.69 -24.14	59.97 1.44 -38.46	53.76 2.07 -22.90	50.27 2.00 -19.08	51.27 2.43 -12.82	72.92 3.49 -15.56	96.59 3.39 -40.72	108.81 3.93 -38.18	85.69 2.68 -36.34	50.24 1.79 -13.85	49.96 1.49 -16.49