





ARTHUR_KILL_COGEN 323718	52.69 2.82 0.00	45.59 2.76 0.00	39.43 2.52 0.00	34.09 2.20 0.00	35.27 2.19 0.00	33.85 2.09 0.00	47.12 2.90 0.00	57.89 3.14 0.00	57.60 3.53 0.00	67.23 4.52 0.00	76.62 6.13 0.00	78.82 7.22 1.50	91.43 8.74 0.01	120.65 12.29 0.00	166.30 17.72 0.00	251.23 27.61 0.00	285.14 30.96 0.00	633.82 70.10 0.00	831.85 85.83 -8.02	1089.30 98.15 0.00	586.09 47.50 0.00	343.29 25.87 0.01	102.76 7.67 0.00	71.86 4.61 0.00
ASHOKAN____ 23654	52.85 2.98 0.00	45.28 2.46 0.00	39.10 2.19 0.00	33.82 1.93 0.00	35.07 1.99 0.00	33.62 1.85 0.00	46.84 2.62 0.00	58.15 3.39 0.00	57.63 3.55 0.00	67.12 4.41 0.00	76.28 5.80 0.00	79.96 6.86 0.00	90.95 8.26 0.00	118.99 10.62 0.00	165.84 17.25 0.00	249.85 26.22 0.00	280.26 26.09 0.00	625.09 61.37 0.00	828.69 76.66 -14.02	1088.35 97.20 0.00	587.84 49.26 0.00	345.38 27.95 0.00	102.53 7.43 0.00	71.57 4.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	52.78 2.91 0.00	45.53 2.70 0.00	39.36 2.45 0.00	34.08 2.18 0.00	35.30 2.22 0.00	33.93 2.16 0.00	47.15 2.94 0.00	58.41 3.65 0.00	57.97 3.90 0.00	67.35 4.64 0.00	76.76 6.28 0.00	80.65 7.54 -0.01	91.75 9.05 -0.01	121.49 12.55 -0.57	166.40 17.71 -0.11	251.58 27.45 -0.51	285.11 30.94 0.00	633.36 69.63 -0.01	832.59 84.94 -9.64	1087.40 94.24 -2.02	583.32 44.70 -0.03	347.03 27.93 -1.67	103.11 8.01 0.00	72.01 4.76 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	52.78 2.91 0.00	45.53 2.70 0.00	39.36 2.45 0.00	34.08 2.18 0.00	35.30 2.22 0.00	33.93 2.16 0.00	47.15 2.94 0.00	58.41 3.65 0.00	57.97 3.90 0.00	67.35 4.64 0.00	76.76 6.28 0.00	80.65 7.54 -0.01	91.75 9.05 -0.01	121.49 12.55 -0.57	166.40 17.71 -0.11	251.58 27.45 -0.51	285.11 30.94 0.00	633.36 69.63 -0.01	832.59 84.94 -9.64	1087.40 94.24 -2.02	583.32 44.70 -0.03	347.03 27.93 -1.67	103.11 8.01 0.00	72.01 4.76 -0.01
ASTORIA_GT2_1 24094	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.45 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.82 9.12 -0.01	121.57 12.64 -0.57	166.47 17.79 -0.11	251.66 27.53 -0.51	285.28 31.10 0.00	633.49 69.77 0.00	833.20 85.56 -9.63	1087.96 94.80 -2.01	583.59 44.98 -0.03	347.22 28.12 -1.66	103.17 8.08 0.00	72.04 4.79 0.00
ASTORIA_GT2_2 24095	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.45 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.82 9.12 -0.01	121.57 12.64 -0.57	166.47 17.79 -0.11	251.66 27.53 -0.51	285.28 31.10 0.00	633.49 69.77 0.00	833.20 85.56 -9.63	1087.96 94.80 -2.01	583.59 44.98 -0.03	347.22 28.12 -1.66	103.17 8.08 0.00	72.04 4.79 0.00
ASTORIA_GT2_3 24096	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.45 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.82 9.12 -0.01	121.57 12.64 -0.57	166.47 17.79 -0.11	251.66 27.53 -0.51	285.28 31.10 0.00	633.49 69.77 0.00	833.20 85.56 -9.63	1087.96 94.80 -2.01	583.59 44.98 -0.03	347.22 28.12 -1.66	103.17 8.08 0.00	72.04 4.79 0.00
ASTORIA_GT2_4 24097	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.45 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.82 9.12 -0.01	121.57 12.64 -0.57	166.47 17.79 -0.11	251.66 27.53 -0.51	285.28 31.10 0.00	633.49 69.77 0.00	833.20 85.56 -9.63	1087.96 94.80 -2.01	583.59 44.98 -0.03	347.22 28.12 -1.66	103.17 8.08 0.00	72.04 4.79 0.00
ASTORIA_GT3_1 24098	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.45 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.82 9.12 -0.01	121.57 12.64 -0.57	166.47 17.79 -0.11	251.66 27.53 -0.51	285.28 31.10 0.00	633.49 69.77 0.00	833.20 85.56 -9.63	1087.96 94.80 -2.01	583.59 44.98 -0.03	347.22 28.12 -1.66	103.17 8.08 0.00	72.04 4.79 0.00
ASTORIA_GT3_2 24099	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.45 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.82 9.12 -0.01	121.57 12.64 -0.57	166.47 17.79 -0.11	251.66 27.53 -0.51	285.28 31.10 0.00	633.49 69.77 0.00	833.20 85.56 -9.63	1087.96 94.80 -2.01	583.59 44.98 -0.03	347.22 28.12 -1.66	103.17 8.08 0.00	72.04 4.79 0.00
ASTORIA_GT3_3 24100	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.45 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.82 9.12 -0.01	121.57 12.64 -0.57	166.47 17.79 -0.11	251.66 27.53 -0.51	285.28 31.10 0.00	633.49 69.77 0.00	833.20 85.56 -9.63	1087.96 94.80 -2.01	583.59 44.98 -0.03	347.22 28.12 -1.66	103.17 8.08 0.00	72.04 4.79 0.00
ASTORIA_GT3_4 24101	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.45 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.82 9.12 -0.01	121.57 12.64 -0.57	166.47 17.79 -0.11	251.66 27.53 -0.51	285.28 31.10 0.00	633.49 69.77 0.00	833.20 85.56 -9.63	1087.96 94.80 -2.01	583.59 44.98 -0.03	347.22 28.12 -1.66	103.17 8.08 0.00	72.04 4.79 0.00
ASTORIA_GT4_1 24102	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.45 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.82 9.12 -0.01	121.57 12.64 -0.57	166.47 17.79 -0.11	251.66 27.53 -0.51	285.28 31.10 0.00	633.49 69.77 0.00	833.20 85.56 -9.63	1087.96 94.80 -2.01	583.59 44.98 -0.03	347.22 28.12 -1.66	103.17 8.08 0.00	72.04 4.79 0.00
ASTORIA_GT4_2 24103	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.45 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.82 9.12 -0.01	121.57 12.64 -0.57	166.47 17.79 -0.11	251.66 27.53 -0.51	285.28 31.10 0.00	633.49 69.77 0.00	833.20 85.56 -9.63	1087.96 94.80 -2.01	583.59 44.98 -0.03	347.22 28.12 -1.66	103.17 8.08 0.00	72.04 4.79 0.00
ASTORIA_GT4_3 24104	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.45 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.82 9.12 -0.01	121.57 12.64 -0.57	166.47 17.79 -0.11	251.66 27.53 -0.51	285.28 31.10 0.00	633.49 69.77 0.00	833.20 85.56 -9.63	1087.96 94.80 -2.01	583.59 44.98 -0.03	347.22 28.12 -1.66	103.17 8.08 0.00	72.04 4.79 0.00

ASTORIA_GT4_4 24105	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.45 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.82 9.12 -0.01	121.57 12.64 -0.57	166.47 17.79 -0.11	251.66 27.53 -0.51	285.28 31.10 0.00	633.49 69.77 0.00	833.20 85.56 -9.63	1087.96 98.40 -2.01	583.59 44.98 -0.03	347.22 28.12 -1.66	103.17 8.08 0.00	72.04 4.79 0.00
ASTORIA_GT_1 23523	52.93 3.06 0.00	45.66 2.84 0.00	39.47 2.55 0.00	34.17 2.27 0.00	35.39 2.31 0.00	34.02 2.25 0.00	47.29 3.08 0.00	58.60 3.83 0.00	58.17 4.10 0.00	67.57 4.86 0.00	77.03 6.55 0.00	80.94 7.83 -0.01	92.08 9.38 -0.01	121.95 13.01 -0.57	167.00 18.31 -0.11	252.47 28.33 -0.51	286.19 32.01 0.00	635.51 71.79 0.00	835.65 88.01 -9.63	1091.65 98.49 -2.01	585.56 46.94 -0.03	348.31 29.22 -1.66	103.49 8.39 0.00	72.27 5.03 0.00
ASTORIA_GT_10 24110	52.44 2.58 0.00	45.20 2.38 0.00	39.15 2.24 0.00	34.01 2.12 0.00	35.23 2.15 0.00	33.82 2.05 0.00	46.95 2.73 0.00	57.98 3.22 0.00	57.65 3.57 0.00	67.07 4.36 0.00	76.35 5.86 0.00	78.29 7.06 1.87	90.29 8.50 0.90	120.20 11.97 0.13	165.51 16.93 0.00	249.83 26.20 0.00	283.48 29.31 0.00	629.40 65.68 0.00	826.77 80.74 -8.02	1081.34 90.19 0.00	581.57 42.98 0.00	344.30 26.86 0.00	102.79 7.70 0.00	71.75 4.50 0.00
ASTORIA_GT_11 24225	52.44 2.58 0.00	45.20 2.38 0.00	39.15 2.24 0.00	34.01 2.12 0.00	35.23 2.15 0.00	33.82 2.05 0.00	46.95 2.73 0.00	57.98 3.22 0.00	57.65 3.57 0.00	67.07 4.36 0.00	76.35 5.86 0.00	78.29 7.06 1.87	90.29 8.50 0.90	120.20 11.97 0.13	165.51 16.93 0.00	249.83 26.20 0.00	283.48 29.31 0.00	629.40 65.68 0.00	826.77 80.74 -8.02	1081.34 90.19 0.00	581.57 42.98 0.00	344.30 26.86 0.00	102.79 7.70 0.00	71.75 4.50 0.00
ASTORIA_GT_12 24226	52.44 2.58 0.00	45.20 2.38 0.00	39.15 2.24 0.00	34.01 2.12 0.00	35.23 2.15 0.00	33.82 2.05 0.00	46.95 2.73 0.00	57.98 3.22 0.00	57.65 3.57 0.00	67.07 4.36 0.00	76.35 5.86 0.00	78.29 7.06 1.87	90.29 8.50 0.90	120.20 11.97 0.13	165.51 16.93 0.00	249.83 26.20 0.00	283.48 29.31 0.00	629.40 65.68 0.00	826.77 80.74 -8.02	1081.34 90.19 0.00	581.57 42.98 0.00	344.30 26.86 0.00	102.79 7.70 0.00	71.75 4.50 0.00
ASTORIA_GT_13 24227	52.44 2.58 0.00	45.20 2.38 0.00	39.15 2.24 0.00	34.01 2.12 0.00	35.23 2.15 0.00	33.82 2.05 0.00	46.95 2.73 0.00	57.98 3.22 0.00	57.65 3.57 0.00	67.07 4.36 0.00	76.35 5.86 0.00	78.29 7.06 1.87	90.29 8.50 0.90	120.20 11.97 0.13	165.51 16.93 0.00	249.83 26.20 0.00	283.48 29.31 0.00	629.40 65.68 0.00	826.77 80.74 -8.02	1081.34 90.19 0.00	581.57 42.98 0.00	344.30 26.86 0.00	102.79 7.70 0.00	71.75 4.50 0.00
ASTORIA_GT_5 24106	52.93 3.06 0.00	45.66 2.84 0.00	39.47 2.55 0.00	34.17 2.27 0.00	35.39 2.31 0.00	34.02 2.25 0.00	47.29 3.08 0.00	58.60 3.83 0.00	58.17 4.10 0.00	67.57 4.86 0.00	77.03 6.55 0.00	80.94 7.83 -0.01	92.08 9.38 -0.01	121.95 13.01 -0.57	167.00 18.31 -0.11	252.47 28.33 -0.51	286.19 32.01 0.00	635.51 71.79 0.00	835.65 88.01 -9.63	1091.65 98.49 -2.01	585.56 46.94 -0.03	348.31 29.22 -1.66	103.49 8.39 0.00	72.27 5.03 0.00
ASTORIA_GT_7 24107	52.93 3.06 0.00	45.66 2.84 0.00	39.47 2.55 0.00	34.17 2.27 0.00	35.39 2.31 0.00	34.02 2.25 0.00	47.29 3.08 0.00	58.60 3.83 0.00	58.17 4.10 0.00	67.57 4.86 0.00	77.03 6.55 0.00	80.94 7.83 -0.01	92.08 9.38 -0.01	121.95 13.01 -0.57	167.00 18.31 -0.11	252.47 28.33 -0.51	286.19 32.01 0.00	635.51 71.79 0.00	835.65 88.01 -9.63	1091.65 98.49 -2.01	585.56 46.94 -0.03	348.31 29.22 -1.66	103.49 8.39 0.00	72.27 5.03 0.00
ASTORIA_GT_8 24108	52.93 3.06 0.00	45.66 2.84 0.00	39.47 2.55 0.00	34.17 2.27 0.00	35.39 2.31 0.00	34.02 2.25 0.00	47.29 3.08 0.00	58.60 3.83 0.00	58.17 4.10 0.00	67.57 4.86 0.00	77.03 6.55 0.00	80.94 7.83 -0.01	92.08 9.38 -0.01	121.95 13.01 -0.57	167.00 18.31 -0.11	252.47 28.33 -0.51	286.19 32.01 0.00	635.51 71.79 0.00	835.65 88.01 -9.63	1091.65 98.49 -2.01	585.56 46.94 -0.03	348.31 29.22 -1.66	103.49 8.39 0.00	72.27 5.03 0.00
ASTORIA___2 24149	52.80 2.93 0.00	45.55 2.72 0.00	39.38 2.47 0.00	34.09 2.20 0.00	35.32 2.24 0.00	33.95 2.18 0.00	47.17 2.96 0.00	58.46 3.69 0.00	58.00 3.93 0.00	67.38 4.67 0.00	76.79 6.30 0.00	80.70 7.59 -0.01	91.83 9.12 -0.01	121.56 12.62 -0.57	166.46 17.77 -0.11	251.68 27.54 -0.51	285.27 31.09 0.00	633.72 69.99 -0.01	833.08 85.43 -9.64	1087.98 94.81 -2.02	583.54 44.92 -0.03	347.23 28.13 -1.67	103.17 8.07 0.00	72.04 4.79 -0.01
ASTORIA___3 23516	52.44 2.57 0.00	45.20 2.38 0.00	39.15 2.23 0.00	34.01 2.12 0.00	35.23 2.14 0.00	33.82 2.05 0.00	46.95 2.73 0.00	57.98 3.22 0.00	57.64 3.57 0.00	67.07 4.36 0.00	76.35 5.86 0.00	78.30 7.06 1.87	90.30 8.50 0.90	120.20 11.96 0.13	165.51 16.93 0.00	249.80 26.17 0.00	283.47 29.29 0.00	629.53 65.81 0.00	826.39 80.36 -8.02	1081.13 89.98 0.00	581.52 42.94 0.00	344.27 26.84 0.00	102.79 7.70 0.00	71.75 4.50 0.00
ASTORIA___4 23517	52.44 2.57 0.00	45.20 2.38 0.00	39.15 2.23 0.00	34.01 2.12 0.00	35.23 2.15 0.00	33.82 2.05 0.00	46.95 2.73 0.00	57.98 3.22 0.00	57.64 3.57 0.00	67.07 4.36 0.00	76.35 5.86 0.00	78.29 7.06 1.87	90.27 8.48 0.90	120.19 11.96 0.13	165.49 16.91 0.00	249.83 26.20 0.00	283.48 29.31 0.00	629.36 65.64 0.00	826.60 80.57 -8.02	1081.34 90.19 0.00	581.51 42.93 0.00	344.30 26.86 0.00	102.79 7.70 0.00	71.75 4.50 0.00
ASTORIA___5 23518	52.44 2.57 0.00	45.20 2.38 0.00	39.15 2.23 0.00	34.01 2.12 0.00	35.23 2.14 0.00	33.82 2.05 0.00	46.95 2.73 0.00	57.98 3.22 0.00	57.64 3.57 0.00	67.07 4.36 0.00	76.35 5.86 0.00	78.30 7.06 1.87	90.30 8.50 0.90	120.20 11.96 0.13	165.51 16.93 0.00	249.80 26.17 0.00	283.47 29.29 0.00	629.53 65.81 0.00	826.39 80.36 -8.02	1081.13 89.98 0.00	581.52 42.94 0.00	344.27 26.84 0.00	102.79 7.70 0.00	71.75 4.50 0.00
AST_ENERGY_2_CC3 323677	52.58 2.72 0.00	45.28 2.46 0.00	39.18 2.27 0.00	34.01 2.11 0.00	35.21 2.12 0.00	33.81 2.04 0.00	47.00 2.78 0.00	58.02 3.26 0.00	57.71 3.64 0.00	67.25 4.54 0.00	76.56 6.07 0.00	80.46 7.36 0.00	91.50 8.80 0.00	120.69 12.32 0.00	166.09 17.51 0.00	250.56 26.94 0.00	284.25 30.07 0.00	631.82 68.10 0.00	829.92 83.89 -8.02	1086.91 95.76 0.00	585.39 46.80 0.00	346.05 28.61 0.00	103.52 8.42 0.00	72.24 4.99 0.00
AST_ENERGY_2_CC4 323678	52.58 2.72 0.00	45.28 2.46 0.00	39.18 2.27 0.00	34.01 2.11 0.00	35.21 2.12 0.00	33.81 2.04 0.00	47.00 2.78 0.00	58.02 3.26 0.00	57.71 3.64 0.00	67.25 4.54 0.00	76.56 6.07 0.00	80.46 7.36 0.00	91.50 8.80 0.00	120.69 12.32 0.00	166.09 17.51 0.00	250.56 26.94 0.00	284.25 30.07 0.00	631.82 68.10 0.00	829.92 83.89 -8.02	1086.91 95.76 0.00	585.39 46.80 0.00	346.05 28.61 0.00	103.52 8.42 0.00	72.24 4.99 0.00



BARRETT_IC_6 23709	52.14 2.26 -0.01	45.17 2.35 0.00	39.11 2.20 0.00	33.96 2.06 0.00	35.13 2.04 0.00	33.69 1.92 0.00	46.59 2.37 0.00	57.40 2.64 0.00	57.13 3.05 0.00	66.60 3.87 -0.02	95.90 5.75 -19.66	145.62 7.12 -65.39	151.32 8.48 -60.14	165.00 11.60 -45.03	167.99 15.65 -3.76	238.77 23.69 8.55	283.56 27.62 -1.75	625.89 61.95 -0.22	815.42 81.91 4.50	1036.67 89.44 43.92	578.80 40.82 0.61	296.45 24.46 45.44	104.09 7.08 -1.92	184.12 4.48 -112.39
BARRETT_IC_7 23710	52.14 2.26 -0.01	45.17 2.35 0.00	39.11 2.20 0.00	33.96 2.06 0.00	35.12 2.04 0.00	33.69 1.92 0.00	46.59 2.37 0.00	57.40 2.64 0.00	57.13 3.05 0.00	66.60 3.87 -0.02	95.90 5.75 -19.66	145.62 7.12 -65.39	151.32 8.47 -60.14	165.00 11.60 -45.03	167.97 15.63 -3.76	238.80 23.73 8.55	283.54 27.61 -1.75	625.94 62.00 -0.22	815.64 82.12 4.50	1037.40 90.17 43.92	578.83 40.85 0.61	296.49 24.50 45.44	104.09 7.08 -1.91	184.19 4.56 -112.39
BARRETT_IC_8 23711	52.14 2.26 -0.01	45.17 2.35 0.00	39.11 2.20 0.00	33.96 2.06 0.00	35.13 2.04 0.00	33.69 1.92 0.00	46.59 2.37 0.00	57.40 2.64 0.00	57.13 3.05 0.00	66.60 3.87 -0.02	95.90 5.75 -19.66	145.62 7.12 -65.39	151.32 8.48 -60.14	165.00 11.60 -45.03	167.99 15.65 -3.76	238.77 23.69 8.55	283.56 27.62 -1.75	625.89 61.95 -0.22	815.42 81.91 4.50	1036.67 89.44 43.92	578.80 40.82 0.61	296.45 24.46 45.44	104.09 7.08 -1.92	184.12 4.48 -112.39
BARRETT_IC_9 23700	52.14 2.26 -0.01	45.17 2.35 0.00	39.11 2.20 0.00	33.96 2.06 0.00	35.13 2.04 0.00	33.69 1.92 0.00	46.59 2.37 0.00	57.40 2.64 0.00	57.13 3.05 0.00	66.58 3.87 0.00	81.92 5.75 -5.68	99.51 7.12 -19.29	117.95 8.48 -26.78	124.31 11.60 -4.34	160.48 15.65 3.76	202.60 23.69 44.71	282.79 27.62 -0.98	625.89 61.95 -0.22	700.96 81.91 118.96	894.00 89.44 186.58	577.23 40.82 2.18	178.70 24.46 163.18	104.09 7.08 -1.92	184.12 4.48 -112.39
BARRETT___1 23545	52.14 2.26 -0.01	45.17 2.35 0.00	39.11 2.20 0.00	33.96 2.06 0.00	35.13 2.04 0.00	33.69 1.92 0.00	46.59 2.37 0.00	57.40 2.64 0.00	57.13 3.05 0.00	66.60 3.87 -0.02	95.90 5.75 -19.66	145.62 7.12 -65.39	151.32 8.48 -60.14	165.00 11.60 -45.03	167.99 15.65 -3.76	238.77 23.69 8.55	283.56 27.62 -1.75	625.89 61.95 -0.22	815.42 81.91 4.50	1036.67 89.44 43.92	578.80 40.82 0.61	296.45 24.46 45.44	104.09 7.08 -1.92	184.12 4.48 -112.39
BARRETT___2 23546	52.14 2.26 -0.01	45.17 2.35 0.00	39.11 2.20 0.00	33.96 2.06 0.00	35.13 2.04 0.00	33.69 1.92 0.00	46.59 2.37 0.00	57.40 2.64 0.00	57.13 3.05 0.00	66.58 3.87 0.00	81.92 5.75 -5.68	99.51 7.12 -19.29	117.95 8.48 -26.78	124.31 11.60 -4.34	160.48 15.65 3.76	202.60 23.69 44.71	282.79 27.62 -0.98	625.89 61.95 -0.22	700.96 81.91 118.96	894.00 89.44 186.58	577.23 40.82 2.18	178.70 24.46 163.18	104.09 7.08 -1.92	184.12 4.48 -112.39
BATAVIA___115KV_TB1 55881	52.13 2.27 0.00	43.96 1.13 0.00	36.99 0.07 0.00	31.83 -0.06 0.00	33.01 -0.07 0.00	31.85 0.08 0.00	44.88 0.67 0.00	56.00 1.24 0.00	55.54 1.46 0.00	64.58 1.87 0.00	72.74 2.25 0.00	76.06 2.96 0.00	87.43 4.74 0.00	114.09 5.73 0.00	152.51 3.93 0.00	228.21 4.59 0.00	255.59 3.65 2.24	569.10 6.61 1.23	726.77 81.91 2.50	988.27 -2.01 0.87	551.35 12.76 0.00	321.46 4.03 0.00	97.11 2.01 0.00	68.56 1.32 0.00
BAYONEEC___CTG1 323682	52.59 2.72 0.00	45.31 2.49 0.00	39.20 2.28 0.00	34.00 2.11 0.00	35.22 2.14 0.00	33.82 2.04 0.00	47.02 2.80 0.00	58.03 3.26 0.00	57.68 3.61 0.00	67.20 4.50 0.00	76.52 6.03 1.51	78.88 7.29 0.01	91.40 8.72 0.01	120.62 12.25 0.00	165.98 17.40 0.00	250.41 26.79 0.00	284.15 29.97 0.00	631.47 67.74 0.00	829.53 83.50 -8.02	1086.45 95.30 0.00	584.90 46.31 0.00	345.68 28.24 0.00	103.26 8.17 0.00	72.07 4.83 0.00
BAYONEEC___CTG10 323750	52.59 2.72 0.00	45.31 2.49 0.00	39.20 2.28 0.00	34.00 2.11 0.00	35.22 2.14 0.00	33.82 2.04 0.00	47.02 2.80 0.00	58.03 3.26 0.00	57.68 3.61 0.00	67.20 4.50 0.00	76.52 6.03 1.51	78.88 7.29 0.01	91.40 8.72 0.01	120.62 12.25 0.00	165.98 17.40 0.00	250.41 26.79 0.00	284.15 29.97 0.00	631.47 67.74 0.00	829.53 83.50 -8.02	1086.45 95.30 0.00	584.90 46.31 0.00	345.68 28.24 0.00	103.26 8.17 0.00	72.07 4.83 0.00
BAYONEEC___CTG2 323683	52.59 2.72 0.00	45.31 2.49 0.00	39.20 2.28 0.00	34.00 2.11 0.00	35.22 2.14 0.00	33.82 2.04 0.00	47.02 2.80 0.00	58.03 3.26 0.00	57.68 3.61 0.00	67.20 4.50 0.00	76.52 6.03 1.51	78.88 7.29 0.01	91.40 8.72 0.01	120.62 12.25 0.00	165.98 17.40 0.00	250.41 26.79 0.00	284.15 29.97 0.00	631.47 67.74 0.00	829.53 83.50 -8.02	1086.45 95.30 0.00	584.90 46.31 0.00	345.68 28.24 0.00	103.26 8.17 0.00	72.07 4.83 0.00
BAYONEEC___CTG3 323684	52.59 2.72 0.00	45.31 2.49 0.00	39.20 2.28 0.00	34.00 2.11 0.00	35.22 2.14 0.00	33.82 2.04 0.00	47.02 2.80 0.00	58.03 3.26 0.00	57.68 3.61 0.00	67.20 4.50 0.00	76.52 6.03 1.51	78.88 7.29 0.01	91.40 8.72 0.01	120.62 12.25 0.00	165.98 17.40 0.00	250.41 26.79 0.00	284.15 29.97 0.00	631.47 67.74 0.00	829.53 83.50 -8.02	1086.45 95.30 0.00	584.90 46.31 0.00	345.68 28.24 0.00	103.26 8.17 0.00	72.07 4.83 0.00
BAYONEEC___CTG4 323685	52.59 2.72 0.00	45.31 2.49 0.00	39.20 2.28 0.00	34.00 2.11 0.00	35.22 2.14 0.00	33.82 2.04 0.00	47.02 2.80 0.00	58.03 3.26 0.00	57.68 3.61 0.00	67.20 4.50 0.00	76.52 6.03 1.51	78.88 7.29 0.01	91.40 8.72 0.01	120.62 12.25 0.00	165.98 17.40 0.00	250.41 26.79 0.00	284.15 29.97 0.00	631.47 67.74 0.00	829.53 83.50 -8.02	1086.45 95.30 0.00	584.90 46.31 0.00	345.68 28.24 0.00	103.26 8.17 0.00	72.07 4.83 0.00
BAYONEEC___CTG5 323686	52.59 2.72 0.00	45.31 2.49 0.00	39.20 2.28 0.00	34.00 2.11 0.00	35.22 2.14 0.00	33.82 2.04 0.00	47.02 2.80 0.00	58.03 3.26 0.00	57.68 3.61 0.00	67.20 4.50 0.00	76.52 6.03 1.51	78.88 7.29 0.01	91.40 8.72 0.01	120.62 12.25 0.00	165.98 17.40 0.00	250.41 26.79 0.00	284.15 29.97 0.00	631.47 67.74 0.00	829.53 83.50 -8.02	1086.45 95.30 0.00	584.90 46.31 0.00	345.68 28.24 0.00	103.26 8.17 0.00	72.07 4.83 0.00
BAYONEEC___CTG6 323687	52.59 2.72 0.00	45.31 2.49 0.00	39.20 2.28 0.00	34.00 2.11 0.00	35.22 2.14 0.00	33.82 2.04 0.00	47.02 2.80 0.00	58.03 3.26 0.00	57.68 3.61 0.00	67.20 4.50 0.00	76.52 6.03 1.51	78.88 7.29 0.01	91.40 8.72 0.01	120.62 12.25 0.00	165.98 17.40 0.00	250.41 26.79 0.00	284.15 29.97 0.00	631.47 67.74 0.00	829.53 83.50 -8.02	1086.45 95.30 0.00	584.90 46.31 0.00	345.68 28.24 0.00	103.26 8.17 0.00	72.07 4.83 0.00
BAYONEEC___CTG7 323688	52.59 2.72 0.00	45.31 2.49 0.00	39.20 2.28 0.00	34.00 2.11 0.00	35.22 2.14 0.00	33.82 2.04 0.00	47.02 2.80 0.00	58.03 3.26 0.00	57.68 3.61 0.00	67.20 4.50 0.00	76.52 6.03 0.00	78.88 7.29 1.51	91.40 8.72 0.01	120.62 12.25 0.00	165.98 17.40 0.00	250.41 26.79 0.00	284.15 29.97 0.00	631.47 67.74 0.00	829.53 83.50 -8.02	1086.45 95.30 0.00	584.90 46.31 0.00	345.68 28.24 0.00	103.26 8.17 0.00	72.07 4.83 0.00







BRENTWOD_69_KV_W. BRTWOOD 56703	52.29 2.42 0.00	45.38 2.56 0.00	39.37 2.45 0.00	34.24 2.34 0.00	35.41 2.33 0.00	33.95 2.18 0.00	46.81 2.59 0.00	57.73 2.97 0.00	57.51 3.43 0.00	66.81 4.11 0.00	77.36 6.46 -0.41	82.96 7.96 -1.90	106.29 9.40 -14.20	163.58 12.61 -42.61	170.70 15.75 -6.37	251.46 23.72 -4.12	282.53 27.81 -0.55	625.88 62.60 0.45	849.28 90.60 -20.66	1085.03 98.96 5.08	580.73 42.20 0.06	338.49 25.25 4.19	102.09 7.08 0.09	66.78 4.56 5.03
BRISTLHL_115KV_TB1 79998	49.29 -0.57 0.00	42.17 -0.65 0.00	36.16 -0.75 0.00	31.23 -0.67 0.00	32.41 -0.68 0.00	31.14 -0.63 0.00	43.45 -0.77 0.00	53.93 -0.88 -0.05	53.33 -0.74 0.00	61.97 -0.86 -0.12	69.72 -0.76 0.00	71.44 -0.35 1.31	77.53 -0.10 5.06	103.97 -0.12 4.27	142.69 -0.49 5.40	214.31 -0.73 8.58	244.40 -0.92 8.86	539.97 -4.02 19.73	712.20 -8.18 17.63	1000.95 0.03 -9.78	540.74 2.15 0.00	313.92 -0.09 3.42	92.40 -0.44 2.26	66.56 -0.69 0.00
BROOKHAVEN___DRP 24191	51.69 1.83 0.00	44.79 1.97 0.00	38.85 1.94 0.00	33.83 1.94 0.00	34.98 1.90 0.00	33.60 1.83 0.00	46.24 2.02 0.00	57.03 2.27 0.00	56.88 2.81 0.00	66.31 3.60 0.00	76.75 5.99 -0.28	82.36 7.60 -1.66	111.97 9.38 -19.89	222.55 12.69 -101.50	224.93 15.34 -61.00	256.07 22.78 -9.66	292.33 26.84 -11.31	624.16 59.91 -0.53	891.86 97.20 -56.65	1093.94 108.07 5.28	584.30 45.78 0.06	337.66 24.59 4.36	101.28 6.28 0.10	65.11 3.84 5.97
BROOKLYN_NAVY_YARD 23515	52.67 2.80 0.00	45.34 2.51 0.00	39.22 2.31 0.00	34.01 2.12 0.00	35.22 2.14 0.00	33.82 2.04 0.00	47.02 2.80 0.00	58.07 3.31 0.00	57.74 3.67 0.00	67.29 4.58 0.00	76.62 6.13 0.00	80.49 7.39 0.00	91.53 8.84 0.00	121.61 12.39 -0.86	166.36 17.63 -0.16	251.55 27.16 -0.77	284.50 30.32 0.00	632.44 68.71 0.00	832.81 84.35 -10.44	1090.84 96.67 -3.02	585.75 47.13 -0.03	348.65 28.72 -2.49	103.34 8.25 0.00	72.09 4.85 0.00
BROOKLYN___ARMY_DRP 323595	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.41 27.79 0.00	285.26 31.08 0.00	633.30 69.57 0.00	830.95 84.93 -8.02	1086.91 95.76 0.00	584.68 46.09 0.00	345.02 27.59 0.00	103.10 8.00 0.00	72.05 4.80 0.00
BROOME_2_LFGE 323671	50.77 0.90 0.00	43.44 0.61 0.00	37.23 0.31 0.00	32.18 0.28 0.00	33.41 0.33 0.00	32.05 0.28 0.00	44.75 0.53 0.00	55.40 0.62 -0.01	54.96 0.89 0.00	63.70 0.97 -0.03	71.86 1.38 0.00	75.26 2.16 0.00	85.69 3.00 0.00	112.53 4.17 0.00	154.14 5.56 0.00	231.92 8.30 0.00	262.87 8.69 0.00	583.20 19.48 0.00	760.83 19.48 -3.33	1020.57 26.88 -2.54	554.71 16.12 0.00	326.07 8.64 0.00	97.31 2.21 0.00	68.29 1.04 0.00
BROOME___LFGE 323600	50.77 0.90 0.00	43.44 0.61 0.00	37.23 0.31 0.00	32.18 0.28 0.00	33.41 0.33 0.00	32.05 0.28 0.00	44.75 0.53 0.00	55.40 0.62 -0.01	54.96 0.89 0.00	63.70 0.97 -0.03	71.86 1.38 0.00	75.26 2.16 0.00	85.69 3.00 0.00	112.53 4.17 0.00	154.14 5.56 0.00	231.92 8.30 0.00	262.87 8.69 0.00	583.20 19.48 0.00	760.83 19.48 -3.33	1020.57 26.88 -2.54	554.71 16.12 0.00	326.07 8.64 0.00	97.31 2.21 0.00	68.29 1.04 0.00
BROWNFLS_115KV_TB_3_5 80003	49.58 -0.29 0.00	42.47 -0.36 0.00	36.57 -0.35 0.00	31.65 -0.24 0.00	32.70 -0.38 0.00	31.58 -0.19 0.00	44.30 0.08 0.00	54.52 -0.25 -0.01	53.52 -0.55 0.00	61.83 -0.90 -0.02	68.71 -1.78 0.00	42.55 -3.44 27.12	-26.95 -4.89 104.75	15.85 -6.91 85.61	-4.65 -9.62 143.61	25.89 -13.77 183.96	-8.67 -15.19 247.66	81.88 -32.86 448.98	182.37 -36.77 518.87	884.06 -38.26 68.83	522.42 -16.16 0.00	260.55 -9.33 47.56	19.40 -3.14 72.56	65.51 -1.74 0.00
BROWNSV1_27_KV_LOAD 356125	53.43 3.56 0.00	45.97 3.15 0.00	39.74 2.83 0.00	34.46 2.57 0.00	35.68 2.60 0.00	34.27 2.50 0.00	47.70 3.48 0.00	58.95 4.19 0.00	58.69 4.62 0.00	68.42 5.71 0.00	77.92 7.44 0.00	81.91 8.81 0.00	93.18 10.49 0.00	122.99 14.62 0.00	169.21 20.63 0.00	255.16 31.54 0.00	289.55 35.38 0.00	643.35 79.63 0.00	844.42 98.39 -8.02	1106.37 115.22 0.00	595.91 57.33 0.00	352.18 34.75 0.00	105.14 10.04 0.00	73.32 6.08 0.00
BURROWS___LYONSDAL 23803	50.10 0.23 0.00	42.89 0.07 0.00	36.94 0.03 0.00	31.99 0.09 0.00	33.13 0.05 0.00	31.96 0.19 0.00	44.90 0.68 0.00	55.43 0.66 -0.01	54.76 0.69 0.00	63.61 0.89 -0.02	71.38 0.89 0.00	66.21 0.60 7.50	53.99 0.26 28.97	86.91 0.28 21.73	135.28 0.26 13.56	211.31 0.50 12.82	230.15 0.63 24.66	532.15 2.85 34.42	694.79 6.08 49.30	1000.31 16.47 7.31	550.13 11.54 0.00	321.84 4.41 0.00	87.64 0.69 8.15	67.35 0.11 0.00
CAITHNESS_CC_1 323624	51.64 1.78 0.00	44.77 1.95 0.00	38.84 1.92 0.00	33.83 1.94 0.00	34.99 1.91 0.00	33.58 1.81 0.00	46.21 2.00 0.00	56.97 2.21 0.00	56.78 2.71 0.00	66.18 3.47 0.00	76.56 5.81 -0.27	82.12 7.38 -1.64	111.46 9.13 -19.63	219.75 12.32 -99.06	222.22 14.90 -58.74	255.23 22.17 -9.43	291.11 26.07 -10.87	622.45 58.20 -0.52	886.08 92.19 -55.87	1087.05 101.18 5.28	581.14 42.62 0.06	336.91 23.84 4.36	101.12 6.13 0.10	64.93 3.67 5.99
CALPINE BETH_PAGE_GT4 24209	52.07 2.20 0.00	45.13 2.31 0.00	39.09 2.18 0.00	33.98 2.09 0.00	35.15 2.06 0.00	33.71 1.94 0.00	46.57 2.35 0.00	57.51 2.75 0.00	57.28 3.20 0.00	66.77 4.06 0.00	78.75 6.09 -2.17	88.36 7.57 -7.69	110.34 9.11 -18.53	164.52 12.65 -43.50	172.95 16.58 -7.79	252.74 25.29 -3.82	284.48 29.37 -0.93	629.80 65.86 -0.22	839.85 89.04 -12.79	1084.27 98.99 5.87	582.31 43.80 0.07	338.73 26.60 5.30	102.50 7.28 -0.12	79.07 4.51 -7.31
CALPINE_BETH_PAGE_GT_4 323586	52.07 2.20 0.00	45.13 2.31 0.00	39.09 2.18 0.00	33.98 2.09 0.00	35.15 2.07 0.00	33.71 1.94 0.00	46.57 2.35 0.00	57.50 2.74 0.00	57.28 3.20 0.00	66.77 4.06 0.00	78.75 6.09 -2.17	88.37 7.58 -7.69	110.34 9.11 -18.53	164.49 12.62 -43.50	172.95 16.58 -7.79	252.70 25.25 -3.82	284.45 29.34 -0.93	629.68 65.74 -0.22	839.57 88.76 -12.80	1083.56 98.28 5.87	582.34 43.83 0.07	338.69 26.56 5.30	102.50 7.28 -0.12	79.00 4.45 -7.31
CALPINE_BP_GT1 23823	52.07 2.20 0.00	45.13 2.31 0.00	39.09 2.18 0.00	33.98 2.09 0.00	35.15 2.07 0.00	33.71 1.94 0.00	46.57 2.35 0.00	57.50 2.74 0.00	57.28 3.20 0.00	66.77 4.06 0.00	78.75 6.09 -2.17	88.37 7.58 -7.69	110.34 9.11 -18.53	164.49 12.62 -43.50	172.95 16.58 -7.79	252.70 25.25 -3.82	284.45 29.34 -0.93	629.68 65.74 -0.22	839.57 88.76 -12.80	1083.56 98.28 5.87	582.34 43.83 0.07	338.69 26.56 5.30	102.50 7.28 -0.12	79.00 4.45 -7.31
CALSPAN___DRP 24200	50.80 0.93 0.00	42.86 0.04 0.00	36.02 -0.89 0.00	30.99 -0.90 0.00	32.13 -0.95 0.00	30.92 -0.85 0.00	43.55 -0.67 0.00	54.47 -0.29 0.00	54.29 0.22 0.00	63.19 0.48 0.00	71.28 0.79 0.00	75.23 2.13 0.00	85.87 3.17 0.00	112.37 4.01 0.00	152.04 3.46 0.00	227.36 3.74 0.00	252.26 2.01 3.92	564.53 2.89 2.09	715.89 -17.31 4.81	968.83 -20.84 1.47	538.79 0.21 0.00	313.81 -3.62 0.00	93.69 -1.41 0.00	66.25 -1.00 0.00



CHESTROR_138KV_BK263 355645	52.04 2.17 0.00	44.74 1.91 0.00	38.69 1.78 0.00	33.52 1.62 0.00	34.73 1.65 0.00	33.32 1.55 0.00	46.33 2.11 0.00	57.29 2.53 0.00	56.76 2.68 0.00	66.04 3.34 0.00	75.08 4.60 0.00	78.67 5.57 0.00	89.39 6.70 0.00	117.78 9.42 0.00	162.07 13.49 0.00	244.37 20.75 0.00	277.86 23.68 0.00	618.27 54.55 0.00	814.05 68.59 -7.45	1070.65 79.50 0.00	578.19 39.60 0.00	340.94 23.50 0.00	101.64 6.54 0.00	71.07 3.83 0.00
CH_MIDHUDSON___DRP 24192	52.37 2.51 0.00	45.00 2.18 0.00	38.91 2.00 0.00	33.71 1.82 0.00	34.94 1.85 0.00	33.51 1.74 0.00	46.58 2.36 0.00	57.62 2.86 0.00	57.17 3.10 0.00	66.60 3.90 0.00	75.79 5.31 0.00	79.46 6.36 0.00	90.23 7.54 0.00	118.95 10.59 0.00	163.80 15.21 0.00	246.86 23.23 0.00	280.70 26.53 0.00	624.55 60.83 0.00	823.43 77.16 -8.26	1081.00 89.85 0.00	583.17 44.59 0.00	344.28 26.84 0.00	102.60 7.50 0.00	71.70 4.46 0.00
CH_MISC_IPPS 23765	52.81 2.95 0.00	45.37 2.54 0.00	39.20 2.29 0.00	33.96 2.07 0.00	35.20 2.12 0.00	33.76 1.99 0.00	46.96 2.74 0.00	58.14 3.37 0.00	57.70 3.62 0.00	67.26 4.55 0.00	76.51 6.03 0.00	80.11 7.01 0.00	90.99 8.29 0.00	119.99 11.63 0.00	165.25 16.67 0.00	249.19 25.56 0.00	283.36 29.18 0.00	630.81 67.09 0.00	831.09 84.98 -8.10	1091.23 100.08 0.00	588.60 50.01 0.00	346.92 29.49 0.00	103.28 8.18 0.00	72.13 4.89 0.00
CH_RES_BVR_FALLS 23983	49.41 -0.45 0.00	42.45 -0.37 0.00	36.67 -0.24 0.00	31.69 -0.21 0.00	32.86 -0.22 0.00	31.59 -0.18 0.00	44.02 -0.20 0.00	54.57 -0.19 0.00	53.81 -0.26 0.00	62.27 -0.44 0.00	69.78 -0.71 0.00	73.24 -1.17 -1.31	86.07 -1.67 -5.05	107.80 -2.54 -1.98	-50.81 -3.55 195.84	26.66 -5.84 191.12	-121.59 -6.41 369.36	31.97 -15.01 516.74	-23.35 -19.10 742.26	830.87 -25.20 135.08	525.02 -13.57 0.00	308.82 -8.62 0.00	-29.52 -2.60 122.02	65.69 -1.56 0.00
CH_RES_NIAGARA 23895	49.31 -0.55 0.00	41.56 -1.27 0.00	34.88 -2.03 0.00	30.00 -1.89 0.00	31.10 -1.98 0.00	29.96 -1.81 0.00	42.19 -2.02 0.00	52.68 -2.08 0.00	52.38 -1.70 0.00	61.11 -1.60 0.00	68.90 -1.58 0.00	72.82 -0.28 0.00	83.02 0.33 0.00	108.40 0.04 0.00	146.29 -2.29 0.00	218.17 -5.46 0.00	242.23 -8.82 3.12	538.46 -23.61 1.66	679.99 -54.36 3.66	918.82 -71.15 1.17	514.04 -24.55 0.00	299.59 -17.84 0.00	89.79 -5.30 0.00	63.79 -3.46 0.00
CH_RES_SYRACUSE 23985	50.25 0.38 0.00	42.99 0.17 0.00	36.89 -0.02 0.00	31.85 -0.04 0.00	33.06 -0.02 0.00	31.77 0.00 0.00	44.38 0.16 0.00	54.98 0.19 -0.03	54.39 0.32 0.00	63.14 0.37 -0.07	71.02 0.53 0.00	73.07 0.93 0.96	80.40 1.41 3.70	107.51 1.90 2.76	150.75 2.17 0.00	226.81 3.18 0.00	257.56 3.38 0.00	569.68 5.94 -0.01	743.86 4.91 -0.94	1012.87 15.35 -6.37	548.57 9.99 0.00	321.94 4.50 0.00	96.01 0.91 0.00	67.50 0.25 0.00
CLINTON_WT_PWR 323605	50.32 0.45 0.00	43.10 0.28 0.00	37.12 0.21 0.00	32.09 0.19 0.00	33.31 0.23 0.00	31.98 0.21 0.00	44.38 0.16 0.00	55.08 0.32 0.00	54.01 -0.06 0.00	62.19 -0.51 0.00	69.02 -1.46 0.00	70.33 -2.78 0.00	78.78 -3.91 0.00	100.72 -5.55 2.09	-0.81 -8.02 141.38	70.20 -13.22 140.20	-15.72 -14.70 255.20	161.38 -31.28 371.05	185.39 -36.85 515.78	851.79 -48.74 90.62	512.07 -26.52 0.00	295.79 -15.13 6.51	7.64 -4.42 83.04	64.43 -2.82 0.00
CLINTON___LFGE 323618	51.23 1.36 0.00	43.77 0.94 0.00	37.65 0.74 0.00	32.53 0.64 0.00	33.83 0.74 0.00	32.49 0.72 0.00	45.00 0.78 0.00	55.96 1.19 0.00	54.78 0.71 0.00	62.95 0.25 0.00	70.11 -0.37 0.00	70.70 -1.60 0.80	76.86 -2.74 3.10	100.06 -3.84 4.46	1.23 -5.95 141.40	72.47 -10.48 140.68	-12.12 -11.18 255.12	168.91 -22.90 371.91	199.21 -22.99 515.82	870.50 -30.25 90.40	523.32 -15.27 0.00	302.40 -8.07 6.96	9.83 -2.35 82.92	65.54 -1.71 0.00
COBBLENY_34_KV_TB1 80064	51.02 1.15 0.00	43.04 0.21 0.00	36.19 -0.72 0.00	31.15 -0.74 0.00	32.31 -0.77 0.00	31.09 -0.68 0.00	43.80 -0.42 0.00	54.76 0.00 0.00	54.61 0.53 0.00	63.57 0.86 0.00	71.71 1.22 0.00	75.72 2.61 0.00	86.51 3.81 0.00	113.23 4.87 0.00	153.24 4.66 0.00	229.28 5.66 0.00	255.32 4.31 3.17	570.27 8.23 1.68	724.33 -10.12 3.56	978.49 -11.47 1.19	543.45 4.86 0.00	316.48 -0.96 0.00	94.40 -0.70 0.00	66.69 -0.56 0.00
COFFEEN___115KV_TB3 355620	50.29 0.42 0.00	42.92 0.09 0.00	36.79 -0.12 0.00	31.92 0.02 0.00	33.01 -0.07 0.00	31.98 0.20 0.00	45.16 0.94 0.00	55.42 0.64 -0.02	54.52 0.45 0.00	63.36 0.60 -0.05	70.62 0.13 0.00	62.46 -0.62 10.03	42.44 -1.52 38.74	70.78 -1.96 35.62	51.27 -2.56 94.75	84.95 -3.23 135.45	91.67 -3.02 159.49	241.66 -1.80 320.26	404.35 6.53 340.19	988.60 31.93 34.48	564.00 25.41 0.00	282.41 10.22 45.24	52.31 1.10 43.88	67.37 0.12 0.00
COLDSPRG_115KV_BK1 355956	52.00 2.13 0.00	43.88 1.06 0.00	36.94 0.03 0.00	31.80 -0.09 0.00	32.96 -0.12 0.00	31.69 -0.08 0.00	44.73 0.51 0.00	55.96 1.20 0.00	56.15 2.07 0.00	65.18 2.47 0.00	73.51 3.02 0.00	76.62 3.52 0.00	87.30 4.61 0.00	114.88 6.51 0.00	156.19 7.61 0.00	234.59 10.97 0.00	262.87 10.21 1.53	586.44 23.52 0.81	748.96 11.82 0.87	1005.94 15.36 0.57	556.18 17.59 0.00	324.05 6.62 0.00	96.08 0.98 0.00	67.46 0.21 0.00
COLONIE_LFGE___ 323577	51.36 1.50 0.00	44.10 1.28 0.00	38.16 1.25 0.00	33.00 1.11 0.00	34.22 1.14 0.00	32.83 1.06 0.00	45.51 1.29 0.00	56.19 1.43 0.00	55.32 1.25 0.00	64.14 1.44 0.00	72.71 2.22 0.00	75.82 2.72 0.00	85.66 2.96 0.00	112.63 4.26 0.00	155.55 6.97 0.00	233.22 9.59 0.00	265.29 11.11 0.00	591.79 28.07 0.00	808.69 42.29 -28.39	1041.09 49.95 0.00	563.92 25.34 0.00	333.70 16.27 0.00	99.66 4.56 0.00	70.11 2.87 0.00
COOPERNY_115KV_TB1 80082	51.64 1.77 0.00	44.37 1.55 0.00	38.35 1.44 0.00	33.21 1.32 0.00	34.44 1.36 0.00	33.04 1.27 0.00	45.94 1.73 0.00	56.80 2.04 0.00	56.11 2.04 0.00	65.09 2.38 0.00	73.82 3.33 0.00	77.16 4.06 0.00	87.62 4.92 0.00	115.29 6.92 0.00	158.41 9.82 0.00	238.68 15.05 0.00	271.33 17.15 0.00	603.55 39.82 0.00	793.87 49.75 -6.11	1048.96 57.81 0.00	567.51 28.93 0.00	334.43 17.00 0.00	99.83 4.73 0.00	69.99 2.75 0.00
COPENHAGEN_WT_PWR 323753	49.17 -0.69 0.00	42.01 -0.81 0.00	36.09 -0.82 0.00	31.35 -0.54 0.00	32.41 -0.68 0.00	31.42 -0.35 0.00	44.44 0.22 0.00	54.66 -0.12 -0.02	53.89 -0.18 0.00	62.72 -0.05 -0.05	69.97 -0.52 0.00	62.38 -1.26 9.46	43.77 -2.38 36.55	71.72 -3.06 33.59	56.13 -3.39 89.06	92.40 -3.92 127.31	100.23 -4.04 149.92	257.10 -5.61 301.02	417.93 -0.40 319.69	978.65 19.38 31.88	555.91 17.33 0.00	279.21 4.30 42.52	52.46 -1.39 41.25	65.72 -1.53 0.00
CORNELL_____ 23752	51.59 1.72 0.00	44.09 1.26 0.00	37.77 0.86 0.00	32.62 0.72 0.00	33.87 0.79 0.00	32.54 0.77 0.00	45.47 1.25 0.00	56.27 1.49 -0.02	55.60 1.53 0.00	64.32 1.58 -0.04	72.42 1.94 0.00	75.70 2.59 0.00	86.04 3.34 0.00	112.78 4.42 0.00	154.18 5.60 0.00	232.02 8.39 0.00	265.15 9.55 -1.42	586.80 22.33 -0.76	771.75 28.94 -4.79	1043.90 48.73 -4.03	568.35 29.77 0.00	333.18 15.75 0.00	99.24 4.14 0.00	69.58 2.33 0.00



DANSKAMMER___4 23591	52.81 2.95 0.00	45.37 2.54 0.00	39.20 2.29 0.00	33.96 2.07 0.00	35.20 2.12 0.00	33.76 1.99 0.00	46.96 2.74 0.00	58.14 3.37 0.00	57.70 3.62 0.00	67.26 4.55 0.00	76.51 6.03 0.00	80.11 7.01 0.00	90.99 8.29 0.00	119.99 11.63 0.00	165.25 16.67 0.00	249.19 25.56 0.00	283.36 29.18 0.00	630.81 67.09 0.00	831.09 84.98 -8.10	1091.23 100.08 0.00	588.60 50.01 0.00	346.92 29.49 0.00	103.28 8.18 0.00	72.13 4.89 0.00
DANSKAMMER___DIESEL 23592	52.81 2.95 0.00	45.36 2.54 0.00	39.20 2.29 0.00	33.96 2.07 0.00	35.20 2.12 0.00	33.76 1.99 0.00	46.96 2.74 0.00	58.13 3.37 0.00	57.70 3.62 0.00	67.26 4.55 0.00	76.51 6.03 0.00	80.11 7.01 0.00	90.99 8.29 0.00	120.01 11.64 0.00	165.25 16.67 0.00	249.17 25.54 0.00	283.37 29.19 0.00	630.93 67.21 0.00	831.13 85.01 -8.10	1091.08 99.93 0.00	588.61 50.02 0.00	346.93 29.50 0.00	103.28 8.18 0.00	72.13 4.89 0.00
DARBY___SOLAR 323810	52.29 2.42 0.00	44.78 1.95 0.00	38.66 1.75 0.00	33.41 1.52 0.00	34.68 1.60 0.00	33.32 1.55 0.00	46.22 2.00 0.00	57.06 2.31 0.00	56.23 2.15 0.00	65.06 2.35 0.00	73.55 3.06 0.00	76.84 3.74 0.00	86.82 4.13 0.00	114.17 5.80 0.00	157.81 9.22 0.00	236.81 13.18 0.00	269.41 15.24 0.00	602.48 38.76 0.00	829.28 59.62 -31.64	1066.74 75.59 0.00	579.00 40.42 0.00	340.48 23.04 0.00	101.56 6.46 0.00	71.21 3.96 0.00
DASHVILLE___HYD 23610	52.28 2.41 0.00	44.91 2.09 0.00	38.82 1.91 0.00	33.62 1.73 0.00	34.86 1.78 0.00	33.43 1.66 0.00	46.52 2.30 0.00	57.65 2.89 0.00	57.26 3.19 0.00	66.75 4.04 0.00	75.94 5.46 0.00	79.57 6.46 0.00	90.43 7.74 0.00	118.90 10.53 0.00	164.10 15.52 0.00	247.30 23.68 0.00	279.99 25.81 0.00	623.06 59.34 0.00	820.98 73.23 -9.74	1076.86 85.71 0.00	581.02 42.43 0.00	342.55 25.12 0.00	102.06 6.96 0.00	71.33 4.08 0.00
DELAWARE___LFGE 323621	51.49 1.62 0.00	44.16 1.34 0.00	38.08 1.17 0.00	32.95 1.05 0.00	34.24 1.15 0.00	32.83 1.06 0.00	45.72 1.51 0.00	56.57 1.80 -0.01	55.96 1.89 0.00	64.97 2.25 -0.01	73.42 2.93 0.00	76.68 3.58 0.00	87.03 4.33 0.00	114.16 5.79 0.00	156.42 7.84 0.00	235.46 11.84 0.00	267.62 13.44 0.00	593.98 30.25 0.00	783.12 38.15 -6.95	1040.85 48.48 -1.23	564.44 25.85 0.00	332.10 14.66 0.00	99.15 4.05 0.00	69.70 2.46 0.00
DERFIELD_115KV_TB7 355931	50.03 0.17 0.00	42.96 0.13 0.00	37.07 0.16 0.00	32.02 0.13 0.00	33.25 0.16 0.00	31.92 0.14 0.00	44.40 0.18 0.00	54.92 0.17 0.00	54.28 0.20 0.00	62.97 0.26 0.00	70.99 0.50 0.00	73.01 0.73 0.82	80.37 0.86 3.18	108.04 1.21 1.54	166.33 1.88 -15.87	246.56 2.58 -20.36	284.48 2.94 -27.36	620.49 7.12 -49.65	804.98 9.59 -57.38	1011.03 12.07 -7.81	544.56 5.97 0.00	326.12 3.40 -5.29	104.04 0.93 -8.01	67.74 0.49 0.00
DOGLEVILLE___HYD 23807	50.72 0.85 0.00	43.64 0.82 0.00	37.75 0.83 0.00	32.69 0.80 0.00	34.00 0.91 0.00	32.59 0.83 0.00	45.13 0.91 0.00	55.14 0.38 0.00	53.88 -0.19 0.00	62.33 -0.38 0.00	70.85 0.36 0.00	73.47 1.19 0.82	81.17 1.66 3.18	109.47 2.64 1.54	169.03 4.58 -15.87	250.60 6.61 -20.36	289.67 8.13 -27.36	638.96 25.58 -49.65	842.45 47.06 -57.38	1061.17 62.21 -7.81	571.58 33.00 0.00	342.05 19.33 -5.29	108.70 5.59 -8.01	70.39 3.14 0.00
DUNKIRK___115KV_TB_200 55889	51.28 1.42 0.00	43.23 0.40 0.00	36.32 -0.59 0.00	31.26 -0.64 0.00	32.41 -0.67 0.00	31.19 -0.59 0.00	44.01 -0.21 0.00	55.03 0.27 0.00	55.20 1.13 0.00	64.03 1.33 0.00	72.04 1.56 0.00	75.52 2.42 0.00	86.17 3.48 0.00	113.26 4.90 0.00	153.94 5.36 0.00	230.69 7.07 0.00	256.95 5.86 3.08	575.84 13.76 1.64	732.78 -1.80 3.44	988.09 -1.90 1.16	547.64 9.06 0.00	319.76 2.33 0.00	94.93 -0.17 0.00	66.59 -0.66 0.00
DUNKIRK___1 23563	51.28 1.42 0.00	43.23 0.40 0.00	36.32 -0.59 0.00	31.26 -0.64 0.00	32.41 -0.67 0.00	31.19 -0.59 0.00	44.01 -0.21 0.00	55.03 0.27 0.00	55.20 1.13 0.00	64.03 1.33 0.00	72.04 1.56 0.00	75.52 2.42 0.00	86.17 3.48 0.00	113.26 4.90 0.00	153.94 5.36 0.00	230.69 7.07 0.00	256.95 5.86 3.08	575.84 13.76 1.64	732.78 -1.80 3.44	988.09 -1.90 1.16	547.64 9.06 0.00	319.76 2.33 0.00	94.93 -0.17 0.00	66.59 -0.66 0.00
DUNKIRK___2 23564	51.28 1.42 0.00	43.23 0.40 0.00	36.32 -0.59 0.00	31.26 -0.64 0.00	32.41 -0.67 0.00	31.19 -0.59 0.00	44.01 -0.21 0.00	55.03 0.27 0.00	55.20 1.13 0.00	64.03 1.33 0.00	72.04 1.56 0.00	75.52 2.42 0.00	86.17 3.48 0.00	113.26 4.90 0.00	153.94 5.36 0.00	230.69 7.07 0.00	256.95 5.86 3.08	575.84 13.76 1.64	732.78 -1.80 3.44	988.09 -1.90 1.16	547.64 9.06 0.00	319.76 2.33 0.00	94.93 -0.17 0.00	66.59 -0.66 0.00
DUNKIRK___3 23565	51.01 1.15 0.00	43.06 0.23 0.00	36.21 -0.70 0.00	31.16 -0.73 0.00	32.32 -0.76 0.00	31.08 -0.69 0.00	43.82 -0.40 0.00	54.73 -0.03 0.00	54.77 0.70 0.00	63.58 0.88 0.00	71.59 1.11 0.00	75.25 2.14 0.00	85.91 3.21 0.00	112.74 4.38 0.00	153.14 4.56 0.00	229.44 5.82 0.00	255.37 4.40 3.21	571.68 9.66 1.71	727.00 -7.37 3.64	980.74 -9.20 1.20	543.59 5.00 0.00	317.42 -0.01 0.00	94.41 -0.69 0.00	66.40 -0.85 0.00
DUNKIRK___4 23566	51.01 1.15 0.00	43.06 0.23 0.00	36.21 -0.70 0.00	31.16 -0.73 0.00	32.32 -0.76 0.00	31.08 -0.69 0.00	43.82 -0.40 0.00	54.73 -0.03 0.00	54.77 0.70 0.00	63.58 0.88 0.00	71.59 1.11 0.00	75.25 2.14 0.00	85.91 3.21 0.00	112.74 4.38 0.00	153.14 4.56 0.00	229.44 5.82 0.00	255.37 4.40 3.21	571.68 9.66 1.71	727.00 -7.37 3.64	980.74 -9.20 1.20	543.59 5.00 0.00	317.42 -0.01 0.00	94.41 -0.69 0.00	66.40 -0.85 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	52.58 2.71 0.00	45.24 2.42 0.00	39.15 2.24 0.00	33.94 2.04 0.00	35.15 2.07 0.00	33.74 1.97 0.00	46.90 2.68 0.00	57.95 3.19 0.00	57.57 3.50 0.00	67.09 4.38 0.00	76.41 5.92 0.00	80.21 7.10 0.00	91.20 8.50 0.00	120.28 11.92 0.00	165.45 16.87 0.00	249.46 25.83 0.00	283.34 29.17 0.00	629.80 66.08 0.00	828.84 82.81 -8.02	1086.15 95.00 0.00	585.09 46.51 0.00	345.58 28.15 0.00	103.08 7.99 0.00	72.00 4.75 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	52.40 2.53 0.00	45.03 2.20 0.00	38.93 2.01 0.00	33.72 1.82 0.00	34.94 1.86 0.00	33.52 1.75 0.00	46.62 2.41 0.00	57.70 2.93 0.00	57.22 3.15 0.00	66.63 3.93 0.00	75.79 5.31 0.00	79.40 6.29 0.00	90.22 7.53 0.00	118.93 10.57 0.00	163.72 15.14 0.00	246.93 23.30 0.00	280.79 26.61 0.00	625.18 61.45 0.00	823.21 77.34 -7.86	1081.67 90.52 0.00	583.86 45.27 0.00	344.09 26.66 0.00	102.51 7.41 0.00	71.61 4.36 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	52.62 2.76 0.00	45.38 2.56 0.00	39.24 2.33 0.00	34.03 2.13 0.00	35.26 2.18 0.00	33.86 2.09 0.00	47.05 2.83 0.00	58.23 3.46 0.00	57.82 3.75 0.00	67.19 4.48 0.00	76.56 6.07 0.00	80.42 7.32 0.00	91.49 8.80 0.00	120.66 12.30 0.00	165.96 17.37 0.00	250.59 26.97 0.00	284.50 30.32 0.00	631.76 68.03 0.00	829.83 83.81 -8.02	1085.44 94.29 0.00	583.73 45.14 -0.01	345.57 28.13 0.00	103.15 8.06 0.00	72.03 4.78 0.00

E179THST_13_KV_LOAD 356214	52.99 3.12 0.00	45.69 2.86 0.00	39.49 2.58 0.00	34.23 2.33 0.00	35.46 2.38 0.00	34.06 2.29 0.00	47.35 3.13 0.00	58.63 3.87 0.00	58.22 4.15 0.00	67.69 4.98 0.00	77.13 6.64 0.00	81.03 7.94 0.00	92.23 9.54 0.00	121.64 13.28 0.00	167.29 18.71 0.00	252.59 28.96 0.00	286.74 32.56 0.00	636.87 73.15 0.00	835.91 89.88 -8.02	1094.11 102.96 0.00	588.58 49.98 -0.01	348.40 30.97 0.00	103.98 8.88 0.00	72.59 5.34 0.00
EAST HAMPTON___GT 23717	53.09 3.23 0.00	45.59 2.77 0.00	39.48 2.57 0.00	34.02 2.12 0.00	35.55 2.47 0.00	34.36 2.59 0.00	47.68 3.46 0.00	58.83 4.07 0.00	59.11 5.04 0.00	69.57 6.86 0.00	81.05 10.29 -0.28	87.37 12.58 -1.68	118.04 15.19 -20.15	231.02 18.63 -104.03	234.87 22.93 -63.35	266.50 32.97 -9.90	302.67 36.73 -11.77	645.83 81.58 -0.53	919.71 124.25 -57.45	1115.93 130.06 5.28	591.75 53.22 0.06	341.53 28.46 4.36	102.00 7.00 0.10	65.22 3.92 5.95
EAST RIVER___6 23660	52.73 2.87 0.00	45.40 2.58 0.00	39.27 2.35 0.00	34.07 2.17 0.00	35.29 2.21 0.00	33.89 2.12 0.00	47.17 2.95 0.00	58.28 3.52 0.00	58.03 3.96 0.00	67.65 4.94 0.00	76.98 6.49 0.00	80.88 7.78 0.00	91.99 9.29 0.00	121.40 13.04 0.00	167.13 18.55 0.00	252.23 28.61 0.00	286.06 31.88 0.00	635.21 71.49 0.00	833.83 87.80 -8.02	1091.66 100.51 0.00	587.89 49.30 0.00	347.35 29.91 0.00	103.73 8.64 0.00	72.37 5.13 0.00
EAST RIVER___7 23524	52.73 2.87 0.00	45.40 2.58 0.00	39.27 2.35 0.00	34.07 2.17 0.00	35.29 2.21 0.00	33.89 2.12 0.00	47.17 2.95 0.00	58.28 3.52 0.00	58.03 3.96 0.00	67.65 4.94 0.00	76.98 6.49 0.00	80.88 7.78 0.00	91.99 9.29 0.00	121.40 13.04 0.00	167.13 18.55 0.00	252.23 28.61 0.00	286.06 31.88 0.00	635.21 71.49 0.00	833.83 87.80 -8.02	1091.66 100.51 0.00	587.89 49.30 0.00	347.35 29.91 0.00	103.73 8.64 0.00	72.37 5.13 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	52.44 2.57 0.00	45.12 2.30 0.00	39.04 2.13 0.00	33.84 1.94 0.00	35.05 1.97 0.00	33.64 1.87 0.00	46.76 2.55 0.00	57.80 3.04 0.00	57.41 3.34 0.00	66.88 4.17 0.00	76.18 5.69 0.00	79.95 6.85 0.00	90.90 8.21 0.00	119.92 11.56 0.00	164.92 16.34 0.00	248.67 25.05 0.00	282.48 28.30 0.00	628.10 64.38 0.00	826.49 80.48 -8.00	1083.57 92.42 0.00	583.86 45.28 0.00	344.70 27.27 0.00	102.84 7.74 0.00	71.83 4.58 0.00
EAST_HAMPTON___DIESEL 23722	53.05 3.19 0.00	45.52 2.70 0.00	39.43 2.52 0.00	33.95 2.06 0.00	35.51 2.43 0.00	34.32 2.55 0.00	47.65 3.44 0.00	58.78 4.01 0.00	59.08 5.00 0.00	69.56 6.85 0.00	81.11 10.35 -0.28	87.44 12.66 -1.68	118.09 15.24 -20.15	231.10 18.72 -104.02	234.99 23.06 -63.35	266.63 33.10 -9.90	302.65 36.71 -11.76	645.83 81.58 -0.53	919.34 123.88 -57.45	1114.77 128.90 5.28	590.47 51.95 0.06	340.60 27.53 4.36	101.70 6.71 0.10	65.01 3.72 5.95
EAST_POINT___SOLAR 323840	53.53 3.67 0.00	45.71 2.89 0.00	39.27 2.36 0.00	33.94 2.04 0.00	35.23 2.15 0.00	33.91 2.14 0.00	47.05 2.83 0.00	56.94 2.18 0.00	55.53 1.46 0.00	64.24 1.54 0.00	72.15 1.66 0.00	74.94 1.83 0.00	84.35 1.65 0.00	110.86 2.50 0.00	151.00 2.42 0.00	227.37 3.74 0.00	259.07 4.89 0.00	578.89 15.16 0.00	803.12 33.47 -31.64	1062.96 71.81 0.00	590.49 51.90 0.00	346.79 29.36 0.00	103.34 8.24 0.00	72.44 5.20 0.00
EAST_PULASKI___ESR 323781	49.23 -0.64 0.00	42.02 -0.80 0.00	36.08 -0.83 0.00	31.20 -0.69 0.00	32.35 -0.73 0.00	31.15 -0.62 0.00	43.62 -0.60 0.00	54.01 -0.79 -0.04	53.32 -0.75 0.00	61.99 -0.82 -0.10	69.58 -0.91 0.00	68.97 -0.83 3.31	68.93 -0.98 12.78	95.69 -1.21 11.47	119.37 -1.77 27.44	182.09 -2.42 39.11	205.35 -2.60 46.23	464.73 -6.45 92.54	632.03 -8.66 97.33	991.66 2.29 1.77	542.93 4.34 0.00	304.99 0.54 12.98	81.61 -0.75 12.74	66.27 -0.97 0.00
EAST_RIVER___1 323558	52.73 2.86 0.00	45.40 2.58 0.00	39.27 2.36 0.00	34.06 2.17 0.00	35.29 2.20 0.00	33.88 2.11 0.00	47.13 2.92 0.00	58.23 3.46 0.00	57.91 3.84 0.00	67.50 4.79 0.00	76.83 6.35 0.00	80.72 7.62 0.00	91.82 9.12 0.00	121.14 12.77 0.00	166.70 18.12 0.00	251.49 27.86 0.00	285.37 31.18 0.00	634.09 70.37 0.00	832.54 86.51 -8.02	1090.44 99.29 0.00	587.01 48.42 0.00	346.94 29.50 0.00	103.62 8.52 0.00	72.29 5.05 0.00
EAST_RIVER___2 323559	52.73 2.87 0.00	45.40 2.58 0.00	39.27 2.35 0.00	34.07 2.17 0.00	35.29 2.21 0.00	33.89 2.12 0.00	47.17 2.95 0.00	58.28 3.52 0.00	58.03 3.96 0.00	67.65 4.94 0.00	76.98 6.49 0.00	80.88 7.78 0.00	91.99 9.29 0.00	121.40 13.04 0.00	167.13 18.55 0.00	252.23 28.61 0.00	286.06 31.88 0.00	635.21 71.49 0.00	833.83 87.80 -8.02	1091.66 100.51 0.00	587.89 49.30 0.00	347.35 29.91 0.00	103.73 8.64 0.00	72.37 5.13 0.00
EAST___DELAWARE_HYD 23607	51.70 1.84 0.00	44.40 1.58 0.00	38.36 1.45 0.00	33.21 1.31 0.00	34.43 1.36 0.00	33.03 1.26 0.00	45.99 1.77 0.00	56.94 2.18 0.00	56.41 2.34 0.00	65.55 2.84 0.00	74.15 3.66 0.00	75.92 2.82 0.00	86.08 3.38 0.00	113.30 4.94 0.00	155.21 6.63 0.00	234.36 10.73 0.00	268.13 13.95 0.00	610.42 46.70 0.00	805.51 59.76 -7.74	1060.71 69.56 0.00	572.52 33.93 0.00	337.19 19.75 0.00	100.35 5.25 0.00	70.07 2.82 0.00
EIGHT_POINT___WT_PWR 323820	50.26 0.39 0.00	42.62 -0.21 0.00	36.00 -0.91 0.00	30.94 -0.95 0.00	31.77 -1.32 0.00	30.48 -1.29 0.00	43.11 -1.11 0.00	53.95 -0.81 -0.01	53.62 -0.45 0.00	62.00 -0.73 -0.02	69.26 -1.23 0.00	73.12 0.01 0.00	83.65 0.96 0.00	109.54 1.17 0.00	149.65 1.07 0.00	224.09 0.45 -0.01	266.04 -1.54 -13.40	571.35 0.50 -7.13	756.44 -4.79 -23.22	1002.82 5.14 -6.53	548.08 9.49 0.00	316.38 -1.05 0.00	94.03 -1.07 0.00	66.17 -1.08 0.00
ELBRIDGE_115KV_TB2 80188	50.07 0.20 0.00	42.83 0.01 0.00	36.74 -0.17 0.00	31.71 -0.19 0.00	32.91 -0.17 0.00	31.63 -0.14 0.00	44.17 -0.05 0.00	54.67 -0.12 -0.03	54.15 0.08 0.00	62.88 0.10 -0.07	70.81 0.33 0.00	73.08 0.84 0.86	80.69 1.32 3.32	107.47 1.58 2.48	150.21 1.63 0.00	225.90 2.27 0.00	256.48 2.30 0.00	567.45 3.71 -0.01	740.37 1.36 -0.99	1008.29 10.41 -6.73	546.63 8.04 0.00	320.96 3.53 0.00	95.76 0.66 0.00	67.33 0.08 0.00
ELEC_TRO_TEK 24086	52.34 2.47 0.00	45.29 2.47 0.00	39.22 2.30 0.00	34.04 2.15 0.00	35.21 2.13 0.00	33.79 2.02 0.00	46.77 2.55 0.00	57.74 2.98 0.00	57.48 3.40 0.00	66.98 4.27 0.00	82.04 6.21 -5.34	98.86 7.58 -18.17	118.24 9.09 -26.46	166.41 12.56 -45.49	176.94 16.88 -11.47	254.67 25.78 -5.26	285.36 29.74 -1.44	630.67 66.73 -0.22	842.45 88.16 -16.27	1088.82 98.64 0.97	583.95 45.37 0.01	344.21 27.74 0.96	103.23 7.69 -0.44	97.98 4.82 -25.92
ELLENBURG_WT_PWR 323604	50.32 0.45 0.00	43.10 0.28 0.00	37.12 0.21 0.00	32.09 0.19 0.00	33.31 0.23 0.00	31.98 0.21 0.00	44.38 0.16 0.00	55.08 0.32 0.00	54.01 -0.06 0.00	62.19 -0.51 0.00	69.02 -1.46 0.00	70.33 -2.78 0.00	78.78 -3.91 0.00	100.72 -5.55 2.09	-0.81 -8.02 141.38	70.20 -13.22 140.20	-15.72 -14.70 255.20	161.38 -31.28 371.05	185.39 -36.85 515.78	851.79 -48.74 90.62	512.07 -26.52 0.00	295.79 -15.13 6.51	7.64 -4.42 83.04	64.43 -2.82 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	50.62 0.76 0.00	42.71 -0.12 0.00	35.90 -1.02 0.00	30.89 -1.01 0.00	32.03 -1.05 0.00	30.83 -0.95 0.00	43.41 -0.81 0.00	54.27 -0.49 0.00	54.08 0.01 0.00	62.96 0.25 0.00	71.02 0.54 0.00	74.95 1.85 0.00	85.52 2.83 0.00	111.87 3.50 0.00	151.36 2.78 0.00	226.26 2.64 0.00	251.44 0.72 3.46	561.42 -0.47 1.84	711.73 -22.17 4.11	961.96 -27.89 1.30	535.28 -3.31 0.00	311.89 -5.54 0.00	93.15 -1.94 0.00	65.91 -1.34 0.00
EMPIRE_CC_1 323656	50.42 0.55 0.00	43.33 0.51 0.00	37.62 0.70 0.00	32.54 0.65 0.00	33.73 0.65 0.00	32.34 0.57 0.00	44.78 0.56 0.00	55.30 0.54 0.00	54.36 0.28 0.00	63.10 0.39 0.00	71.61 1.13 0.00	74.64 1.54 0.00	84.32 1.63 0.00	110.95 2.58 0.00	153.17 4.59 0.00	229.62 6.00 0.00	261.17 7.00 0.00	581.70 17.97 0.00	779.40 27.97 -13.42	1020.10 28.95 0.00	552.18 13.59 0.00	327.35 9.92 0.00	97.88 2.78 0.00	68.97 1.73 0.00
EMPIRE_CC_2 323658	50.42 0.55 0.00	43.33 0.51 0.00	37.62 0.70 0.00	32.54 0.65 0.00	33.73 0.65 0.00	32.34 0.57 0.00	44.78 0.56 0.00	55.30 0.54 0.00	54.36 0.28 0.00	63.10 0.39 0.00	71.61 1.13 0.00	74.64 1.54 0.00	84.32 1.63 0.00	110.95 2.58 0.00	153.17 4.59 0.00	229.62 6.00 0.00	261.17 7.00 0.00	581.70 17.97 0.00	779.40 27.97 -13.42	1020.10 28.95 0.00	552.18 13.59 0.00	327.35 9.92 0.00	97.88 2.78 0.00	68.97 1.73 0.00
ENORWICH_115KV_TB1 80156	53.45 3.58 0.00	45.52 2.69 0.00	38.96 2.05 0.00	33.81 1.92 0.00	35.24 2.16 0.00	33.95 2.18 0.00	47.51 3.29 0.00	58.82 4.05 -0.01	58.04 3.97 0.00	67.02 4.28 -0.03	75.61 5.12 0.00	78.99 5.89 0.00	89.88 7.18 0.00	117.45 9.08 0.00	160.05 11.47 0.00	241.26 17.64 0.00	276.01 21.13 -0.70	612.83 48.73 -0.37	810.45 67.33 -5.11	1099.04 104.98 -2.91	598.59 60.00 0.00	348.23 30.79 0.00	103.20 8.11 0.00	72.14 4.90 0.00
ERIE_ST__34_KV_TB1-2 80199	50.93 1.07 0.00	42.97 0.15 0.00	36.15 -0.76 0.00	31.10 -0.79 0.00	32.25 -0.84 0.00	31.01 -0.76 0.00	43.72 -0.50 0.00	54.63 -0.13 0.00	54.52 0.44 0.00	63.50 0.79 0.00	71.77 1.29 0.00	75.85 2.75 0.00	86.62 3.92 0.00	113.39 5.03 0.00	153.69 5.11 0.00	230.10 6.47 0.00	256.06 5.36 3.48	572.26 10.39 1.85	726.26 -7.66 4.09	981.01 -8.83 1.31	544.21 5.62 0.00	316.75 -0.69 0.00	94.41 -0.68 0.00	66.71 -0.53 0.00
ERIE_WT_PWR 323693	50.83 0.97 0.00	42.87 0.05 0.00	36.04 -0.87 0.00	31.00 -0.89 0.00	32.13 -0.95 0.00	30.90 -0.87 0.00	43.54 -0.68 0.00	54.44 -0.32 0.00	54.28 0.20 0.00	63.15 0.44 0.00	71.23 0.75 0.00	75.20 2.10 0.00	85.85 3.15 0.00	112.30 3.93 0.00	151.99 3.41 0.00	227.18 3.56 0.00	252.20 1.95 3.92	563.70 2.06 2.09	715.43 -17.77 4.81	968.49 -21.18 1.47	538.56 -0.03 0.00	313.77 -3.66 0.00	93.70 -1.40 0.00	66.25 -0.99 0.00
ESPRGFLD_115KV_TB1 80157	52.73 2.86 0.00	45.05 2.23 0.00	38.66 1.74 0.00	33.38 1.49 0.00	34.68 1.60 0.00	33.34 1.56 0.00	46.62 2.40 0.00	57.79 3.03 0.00	57.16 3.09 0.00	66.27 3.56 0.00	74.43 3.94 0.00	77.46 4.36 0.00	87.68 4.99 0.00	114.60 6.24 0.00	156.31 7.73 0.00	235.48 11.86 0.00	268.00 13.82 0.00	594.00 30.28 0.00	799.54 38.10 -23.43	1051.16 60.01 0.00	574.77 36.18 0.00	337.14 19.71 0.00	100.46 5.36 0.00	70.54 3.29 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.46 1.59 0.00	43.98 1.16 0.00	37.69 0.78 0.00	32.55 0.66 0.00	33.80 0.72 0.00	32.48 0.71 0.00	45.38 1.16 0.00	56.15 1.37 -0.02	55.49 1.42 0.00	64.21 1.46 -0.04	72.32 1.84 0.00	75.59 2.49 0.00	85.91 3.21 0.00	112.60 4.24 0.00	153.97 5.38 0.00	231.68 8.06 0.00	264.58 9.23 -1.18	585.60 21.24 -0.63	769.37 26.93 -4.42	1040.62 45.42 -4.05	566.35 27.76 0.00	332.19 14.76 0.00	98.93 3.84 0.00	69.38 2.14 0.00
ETNA____115KV_TB2 80207	51.46 1.59 0.00	43.98 1.16 0.00	37.69 0.78 0.00	32.55 0.66 0.00	33.80 0.72 0.00	32.48 0.71 0.00	45.38 1.16 0.00	56.15 1.37 -0.02	55.49 1.42 0.00	64.21 1.46 -0.04	72.32 1.84 0.00	75.59 2.49 0.00	85.91 3.21 0.00	112.60 4.24 0.00	153.97 5.38 0.00	231.68 8.06 0.00	264.58 9.23 -1.18	585.60 21.24 -0.63	769.37 26.93 -4.42	1040.62 45.42 -4.05	566.35 27.76 0.00	332.19 14.76 0.00	98.93 3.84 0.00	69.38 2.14 0.00
EUCLID__115KV_TB2 356179	49.65 -0.21 0.00	42.48 -0.34 0.00	36.45 -0.46 0.00	31.48 -0.41 0.00	32.67 -0.42 0.00	31.39 -0.38 0.00	43.81 -0.40 0.00	54.33 -0.44 -0.01	53.80 -0.27 0.00	62.48 -0.26 -0.03	70.46 -0.03 0.00	72.40 0.44 1.14	79.08 0.78 4.40	106.21 1.13 3.28	149.76 1.17 0.00	225.37 1.75 0.00	255.94 1.76 0.00	566.10 2.36 -0.01	737.97 -0.48 -0.44	1000.51 6.38 -2.98	543.83 5.25 0.00	319.29 1.85 0.00	95.29 0.19 0.00	67.02 -0.23 0.00
E_CANADA_CAP_HY 24051	52.91 3.04 0.00	45.18 2.36 0.00	38.79 1.88 0.00	33.49 1.59 0.00	34.76 1.68 0.00	33.43 1.66 0.00	46.69 2.47 0.00	57.61 2.85 0.00	56.66 2.59 0.00	65.51 2.80 0.00	73.42 2.94 0.00	76.19 3.09 0.00	85.85 3.16 0.00	112.26 3.89 0.00	153.11 4.53 0.00	230.59 6.97 0.00	262.10 7.92 0.00	582.20 18.48 0.00	795.02 27.41 -29.59	1043.41 52.26 0.00	573.88 35.30 0.00	336.99 19.56 0.00	100.80 5.70 0.00	70.90 3.66 0.00
E_CANADA_MHWK_HY 24050	50.72 0.85 0.00	43.64 0.82 0.00	37.74 0.83 0.00	32.69 0.80 0.00	34.00 0.91 0.00	32.60 0.82 0.00	45.13 0.91 0.00	55.14 0.38 0.00	53.88 -0.19 0.00	62.33 -0.38 0.00	70.85 0.37 0.82	73.47 1.19 3.18	81.17 1.66 1.54	109.46 2.64 1.54	169.03 4.58 -15.87	250.59 6.61 -20.36	289.66 8.12 -27.36	638.95 25.57 -49.65	842.45 47.07 -57.38	1061.20 62.24 -7.81	571.59 33.00 0.00	342.05 19.33 -5.29	108.70 5.59 -8.01	70.39 3.14 0.00
E_FISHKILL__LBMP 23776	51.97 2.10 0.00	44.69 1.87 0.00	38.66 1.75 0.00	33.51 1.62 0.00	34.73 1.65 0.00	33.30 1.53 0.00	46.27 2.05 0.00	57.19 2.43 0.00	56.72 2.64 0.00	66.02 3.31 0.00	75.13 4.65 0.00	78.76 5.66 0.00	89.44 6.75 0.00	117.87 9.51 0.00	162.18 13.60 0.00	244.37 20.75 0.00	277.69 23.51 0.00	617.50 53.77 0.00	813.83 67.65 -8.17	1068.05 76.90 0.00	576.42 37.83 0.00	340.51 23.08 0.00	101.63 6.53 0.00	71.12 3.87 0.00
FALCON__SEABRD_CC1 323796	51.09 1.23 0.00	43.64 0.82 0.00	37.54 0.63 0.00	32.45 0.56 0.00	33.76 0.68 0.00	32.42 0.65 0.00	44.88 0.66 0.00	55.77 1.01 0.00	54.66 0.59 0.00	62.94 0.23 0.00	70.06 -0.43 0.00	71.46 -1.64 0.00	79.88 -2.81 0.00	102.26 -3.99 2.12	119 -6.01 141.39	72.40 -10.79 140.43	-12.69 -11.71 255.16	168.20 -24.06 371.46	196.59 -25.62 515.80	864.68 -35.95 90.52	519.30 -19.29 0.00	300.31 -10.39 6.73	9.15 -2.96 82.98	65.15 -2.10 0.00
FALCON__SEABRD_CC2 323797	51.09 1.23 0.00	43.64 0.82 0.00	37.54 0.63 0.00	32.45 0.56 0.00	33.76 0.68 0.00	32.42 0.65 0.00	44.88 0.66 0.00	55.77 1.01 0.00	54.66 0.59 0.00	62.94 0.23 0.00	70.06 -0.43 0.00	71.46 -1.64 0.00	79.88 -2.81 0.00	102.26 -3.99 2.12	119 -6.01 141.39	72.40 -10.79 140.43	-12.69 -11.71 255.16	168.20 -24.06 371.46	196.59 -25.62 515.80	864.68 -35.95 90.52	519.30 -19.29 0.00	300.31 -10.39 6.73	9.15 -2.96 82.98	65.15 -2.10 0.00

FAR ROCKAWAY___4 23548	52.97 3.09 -0.01	46.09 3.27 0.00	39.91 3.00 0.00	34.62 2.73 0.00	35.80 2.72 0.00	34.35 2.58 0.00	47.59 3.37 0.00	58.81 4.05 0.00	58.61 4.54 0.00	68.28 5.56 -0.01	90.84 7.29 -13.06	125.78 9.05 -43.63	138.31 10.83 -44.78	170.38 14.85 -47.16	179.57 20.02 -10.96	262.47 31.40 -7.44	292.28 36.33 -1.77	644.06 80.12 -0.22	863.93 103.37 -22.55	1116.21 117.68 -7.39	593.92 55.25 -0.08	356.58 32.93 -6.22	105.52 9.21 -1.22	144.80 5.83 -71.72
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	52.74 2.87 0.00	45.41 2.59 0.00	39.29 2.38 0.00	34.08 2.19 0.00	35.29 2.21 0.00	33.89 2.12 0.00	47.13 2.91 0.00	58.21 3.44 0.00	57.89 3.82 0.00	67.46 4.75 0.00	76.82 6.33 0.00	80.70 7.59 0.00	91.77 9.08 0.00	121.15 12.78 0.00	166.68 18.10 0.00	251.40 27.77 0.00	285.28 31.10 0.00	634.05 70.33 0.00	832.61 86.58 -8.02	1090.51 99.36 0.00	587.00 48.41 0.00	346.94 29.51 0.00	103.62 8.52 0.00	72.29 5.05 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	52.79 2.93 0.00	45.45 2.63 0.00	39.32 2.41 0.00	34.11 2.22 0.00	35.32 2.24 0.00	33.92 2.14 0.00	47.18 2.96 0.00	58.26 3.50 0.00	57.95 3.87 0.00	67.52 4.81 0.00	76.88 6.39 0.00	80.76 7.66 0.00	91.86 9.16 0.00	121.21 12.84 0.00	166.78 18.19 0.00	251.60 27.98 0.00	285.49 31.31 0.00	634.48 70.76 0.00	833.35 87.32 -8.02	1091.45 100.30 0.00	587.54 48.95 0.00	347.26 29.83 0.00	103.72 8.63 0.00	72.37 5.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	52.70 2.84 0.00	45.38 2.56 0.00	39.26 2.35 0.00	34.06 2.17 0.00	35.28 2.20 0.00	33.87 2.11 0.00	47.11 2.90 0.00	58.18 3.42 0.00	57.87 3.79 0.00	67.43 4.72 0.00	76.76 6.27 0.00	80.64 7.54 0.00	91.69 9.00 0.00	121.02 12.66 0.00	166.50 17.92 0.00	251.15 27.53 0.00	285.00 30.82 0.00	633.35 69.63 0.00	831.87 85.84 -8.02	1089.40 98.25 0.00	586.37 47.78 0.00	346.58 29.15 0.00	103.52 8.42 0.00	72.23 4.98 0.00
FARRAGUT___LBMP 323566	52.65 2.78 0.00	45.34 2.52 0.00	39.22 2.31 0.00	34.03 2.13 0.00	35.24 2.16 0.00	33.83 2.07 0.00	47.05 2.84 0.00	58.10 3.34 0.00	57.78 3.70 0.00	67.31 4.61 0.00	76.63 6.14 0.00	80.51 7.40 0.00	91.57 8.88 0.00	120.83 12.46 0.00	166.25 17.67 0.00	250.76 27.13 0.00	284.59 30.42 0.00	632.42 68.69 0.00	830.78 84.75 -8.02	1087.89 96.74 0.00	585.73 47.14 0.00	346.23 28.80 0.00	103.39 8.29 0.00	72.16 4.91 0.00
FENNER___WINDPWR 24204	51.07 1.20 0.00	43.74 0.92 0.00	37.57 0.66 0.00	32.46 0.56 0.00	33.70 0.62 0.00	32.40 0.63 0.00	45.27 1.05 0.00	56.06 1.29 -0.01	55.44 1.36 0.00	64.33 1.59 -0.03	72.52 2.04 0.00	74.00 2.47 1.58	79.53 2.95 6.11	108.67 4.03 3.72	163.29 5.53 -9.19	246.43 8.21 -14.59	278.33 9.09 -15.06	616.86 19.55 -33.59	795.50 24.19 -33.30	1035.76 38.73 -5.88	561.20 22.61 0.00	335.24 11.99 -5.82	101.98 3.05 -3.84	68.89 1.64 0.00
FIBERTEK___ENERGY 23856	50.25 0.38 0.00	42.99 0.17 0.00	36.89 -0.02 0.00	31.85 -0.04 0.00	33.05 -0.03 0.00	31.77 0.00 0.00	44.38 0.16 0.00	54.98 0.19 -0.03	54.39 0.32 0.00	63.14 0.36 -0.07	71.02 0.53 0.00	73.08 0.94 0.96	80.40 1.41 3.70	107.50 1.90 2.76	150.77 2.19 0.00	226.81 3.19 0.00	257.54 3.36 0.00	569.77 6.04 -0.01	743.81 4.86 -0.94	1012.75 15.23 -6.37	548.73 10.14 0.00	321.94 4.51 0.00	96.01 0.91 0.00	67.50 0.25 0.00
FITZPATRICK___ 23598	48.75 -1.12 0.00	41.74 -1.08 0.00	35.85 -1.06 0.00	30.97 -0.93 0.00	32.13 -0.95 0.00	30.87 -0.90 0.00	43.05 -1.17 0.00	53.18 -1.43 0.15	52.77 -1.30 0.00	60.85 -1.50 0.37	68.98 -1.51 0.00	71.85 -1.25 0.00	81.44 -1.26 0.00	106.74 -1.63 0.00	145.98 -2.60 0.00	219.68 -3.94 0.00	249.53 -4.64 0.00	551.85 -11.87 0.00	714.02 -18.72 5.27	937.86 -17.51 35.78	530.77 -7.82 0.00	311.98 -5.45 0.00	93.22 -1.88 0.00	65.68 -1.57 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	52.95 3.08 0.00	45.48 2.65 0.00	39.30 2.39 0.00	34.03 2.14 0.00	35.27 2.19 0.00	33.84 2.07 0.00	47.07 2.85 0.00	58.28 3.52 0.00	57.86 3.79 0.00	67.46 4.75 0.00	76.78 6.30 0.00	80.46 7.35 0.00	91.41 8.71 0.00	120.57 12.20 0.00	166.09 17.51 0.00	250.45 26.83 0.00	284.86 30.68 0.00	634.21 70.48 0.00	835.27 89.13 -8.14	1096.59 105.44 0.00	591.30 52.71 0.00	348.50 31.07 0.00	103.75 8.65 0.00	72.41 5.17 0.00
FORT ORANGE___ 23900	50.36 0.49 0.00	43.26 0.44 0.00	37.51 0.59 0.00	32.46 0.56 0.00	33.63 0.55 0.00	32.21 0.44 0.00	44.62 0.40 0.00	55.05 0.28 0.00	54.10 0.03 0.00	62.73 0.02 0.00	71.11 0.63 0.00	74.02 0.92 0.00	83.76 1.07 0.00	110.18 1.81 0.00	152.09 3.51 0.00	228.78 5.15 0.00	260.06 5.88 0.00	579.23 15.51 0.00	782.43 24.24 -20.18	1018.46 27.31 0.00	551.74 13.15 0.00	325.81 8.37 0.00	97.38 2.29 0.00	68.68 1.43 0.00
FORT_DRUM_COGEN 23780	49.88 0.01 0.00	42.59 -0.24 0.00	36.55 -0.36 0.00	31.71 -0.18 0.00	32.79 -0.29 0.00	31.77 0.00 0.00	44.87 0.65 0.00	55.15 0.36 -0.02	54.31 0.24 0.00	63.10 0.35 -0.05	70.35 -0.14 0.00	61.49 -0.92 10.68	39.48 -1.94 41.28	67.87 -2.51 37.99	43.92 -3.31 101.35	74.49 -4.24 144.89	79.29 -4.30 170.59	215.31 -5.82 342.59	374.24 0.19 363.97	974.56 20.92 37.51	556.99 18.40 0.00	275.11 6.09 48.41	48.15 -0.01 46.94	66.70 -0.55 0.00
FOX_HILLS___ESR 323835	52.65 2.79 0.00	45.48 2.65 0.00	39.33 2.41 0.00	34.05 2.15 0.00	35.23 2.15 0.00	33.82 2.05 0.00	47.04 2.82 0.00	57.93 3.18 0.00	57.66 3.59 0.00	67.18 4.47 0.00	76.57 6.08 0.00	78.86 7.26 1.50	91.43 8.74 0.01	120.66 12.29 0.00	166.17 17.58 0.00	250.93 27.30 0.00	284.65 30.47 0.00	632.27 68.54 0.00	829.87 83.85 -8.02	1085.85 94.70 0.00	584.00 45.41 0.00	343.48 26.05 0.00	102.68 7.58 0.00	71.80 4.55 0.00
FPL_FAR_ROCK_GT1 24212	52.97 3.09 -0.01	46.09 3.27 0.00	39.91 3.00 0.00	34.62 2.73 0.00	35.81 2.73 0.00	34.35 2.58 0.00	47.59 3.37 0.00	58.80 4.04 0.00	58.61 4.54 0.00	68.28 5.56 -0.01	90.84 7.29 -13.06	125.78 9.05 -43.63	138.31 10.83 -44.78	170.38 14.85 -47.16	179.59 20.04 -10.96	262.45 31.39 -7.44	292.26 36.31 -1.77	644.06 80.12 -0.22	863.70 103.13 -22.55	1115.73 117.19 -7.39	593.89 55.22 -0.08	356.54 32.89 -6.22	105.52 9.20 -1.22	144.72 5.75 -71.72
FPL_FAR_ROCK_GT2 23815	52.97 3.09 -0.01	46.09 3.27 0.00	39.91 3.00 0.00	34.62 2.73 0.00	35.81 2.73 0.00	34.35 2.58 0.00	47.59 3.37 0.00	58.80 4.04 0.00	58.61 4.54 0.00	68.28 5.56 -0.01	90.84 7.29 -13.06	125.78 9.05 -43.63	138.31 10.83 -44.78	170.38 14.85 -47.16	179.59 20.04 -10.96	262.45 31.39 -7.44	292.26 36.31 -1.77	644.06 80.12 -0.22	863.70 103.13 -22.55	1115.73 117.19 -7.39	593.89 55.22 -0.08	356.54 32.89 -6.22	105.52 9.20 -1.22	144.72 5.75 -71.72
FRANKLIN_FALL_HYD 24054	50.59 0.72 0.00	43.27 0.44 0.00	37.27 0.35 0.00	32.24 0.35 0.00	33.41 0.33 0.00	32.11 0.34 0.00	44.67 0.45 0.00	55.44 0.68 0.00	54.30 0.23 0.00	62.50 -0.21 0.00	69.30 -1.19 0.00	57.46 -2.81 12.84	29.02 -4.08 49.59	62.56 -5.95 39.85	-1.84 -8.73 141.69	64.07 -13.17 146.39	-14.19 -14.23 254.14	151.14 -30.51 382.07	188.75 -33.00 516.26	861.12 -42.21 87.82	517.65 -20.93 0.00	294.07 -11.04 12.31	10.20 -3.34 81.56	65.28 -1.97 0.00



FREEPORT_EQUS_GT1 23764	52.61 2.75 0.00	45.54 2.72 0.00	39.41 2.50 0.00	34.21 2.32 0.00	35.39 2.30 0.00	33.94 2.17 0.00	46.94 2.72 0.00	57.99 3.23 0.00	57.81 3.73 0.00	67.43 4.72 0.00	81.50 6.60 -4.42	96.27 8.05 -15.11	116.09 9.42 -23.97	165.71 12.97 -44.38	174.11 17.26 -8.27	252.97 26.27 -3.07	285.84 30.54 -1.12	632.43 68.49 -0.22	841.97 91.47 -12.48	1085.58 102.30 7.87	585.12 46.64 0.10	338.50 28.87 7.81	103.60 8.14 -0.37	94.32 5.18 -21.89
FREEPORT___CT2 23818	52.61 2.75 0.00	45.54 2.72 0.00	39.41 2.50 0.00	34.21 2.32 0.00	35.39 2.30 0.00	33.94 2.17 0.00	46.94 2.72 0.00	57.99 3.23 0.00	57.81 3.73 0.00	67.43 4.72 0.00	81.50 6.60 -4.42	96.27 8.05 -15.11	116.09 9.42 -23.97	165.71 12.97 -44.38	174.11 17.26 -8.27	252.97 26.27 -3.07	285.84 30.54 -1.12	632.43 68.49 -0.22	841.97 91.47 -12.48	1085.58 102.30 7.87	585.12 46.64 0.10	338.50 28.87 7.81	103.60 8.14 -0.37	94.32 5.18 -21.89
FRESHKLS_33_KV_LOAD 356253	52.70 2.83 0.00	45.58 2.76 0.00	39.43 2.52 0.00	34.09 2.20 0.00	35.27 2.19 0.00	33.85 2.09 0.00	47.12 2.90 0.00	57.89 3.13 0.00	57.60 3.53 0.00	67.23 4.52 0.00	76.62 6.13 0.00	78.82 7.22 1.50	91.40 8.71 0.01	120.67 12.30 0.00	166.32 17.74 0.00	251.22 27.60 0.00	285.14 30.96 0.00	633.67 69.95 0.00	832.03 86.00 -8.02	1089.63 98.48 0.00	586.10 47.51 0.00	343.33 25.90 0.00	102.77 7.67 0.00	71.85 4.61 0.00
FULTON COGEN____ 23766	49.29 -0.57 0.00	42.17 -0.65 0.00	36.16 -0.75 0.00	31.23 -0.67 0.00	32.41 -0.68 0.00	31.14 -0.63 0.00	43.45 -0.77 0.00	53.93 -0.88 -0.05	53.33 -0.74 0.00	61.97 -0.86 -0.12	69.72 -0.76 0.00	71.44 -0.35 1.31	77.53 -0.10 5.06	103.97 -0.12 4.27	142.69 -0.49 5.40	214.31 -0.73 8.58	244.40 -0.92 8.86	539.97 -4.02 19.73	712.20 -8.18 17.63	1000.95 0.03 -9.78	540.74 2.15 0.00	313.92 -0.09 3.42	92.40 -0.44 2.26	66.56 -0.69 0.00
FULTON___LFGE 323630	53.07 3.20 0.00	45.36 2.54 0.00	39.02 2.11 0.00	33.71 1.81 0.00	35.00 1.92 0.00	33.65 1.88 0.00	46.92 2.70 0.00	57.58 2.82 0.00	56.13 2.05 0.00	64.65 1.94 0.00	72.54 2.06 0.00	75.49 2.39 0.00	85.18 4.75 0.00	111.78 7.29 0.00	152.75 11.72 0.00	230.22 16.91 0.00	262.65 19.17 0.00	587.10 47.96 0.00	810.44 74.42 -32.15	1062.86 95.00 0.00	584.56 51.21 0.00	343.75 27.42 0.00	102.50 7.40 0.00	71.87 4.62 0.00
G.F.CEMENT___DRP 24184	52.99 3.13 0.00	45.20 2.38 0.00	38.99 2.08 0.00	33.69 1.80 0.00	34.99 1.91 0.00	33.63 1.87 0.00	46.65 2.43 0.00	57.66 2.89 0.00	56.87 2.80 0.00	65.82 3.11 0.00	74.39 3.90 0.00	77.85 4.75 0.00	87.93 5.24 0.00	115.65 7.29 0.00	160.30 11.72 0.00	240.54 16.91 0.00	273.35 19.17 0.00	611.68 47.96 0.00	845.28 74.42 -32.85	1086.15 95.00 0.00	589.80 51.21 0.00	344.85 27.42 0.00	102.81 7.71 0.00	71.82 4.57 0.00
GARDENVILLE___LBMP 24039	50.52 0.65 0.00	42.65 -0.17 0.00	35.87 -1.04 0.00	30.86 -1.04 0.00	31.97 -1.12 0.00	30.76 -1.01 0.00	43.32 -0.89 0.00	54.14 -0.62 0.00	53.91 -0.16 0.00	62.74 0.04 0.00	70.68 0.19 0.00	74.53 1.43 0.00	85.07 2.38 0.00	111.31 2.94 0.00	150.55 1.96 0.00	225.17 1.56 0.01	245.81 -0.35 8.02	557.29 -2.19 4.24	704.19 -22.65 11.17	961.45 -26.71 2.99	535.95 -2.64 0.00	311.93 -5.51 0.00	93.22 -1.88 0.00	65.90 -1.35 0.00
GARDNVLA_35_KV_LD 355827	50.90 1.04 0.00	42.95 0.12 0.00	36.10 -0.82 0.00	31.05 -0.84 0.00	32.19 -0.89 0.00	30.97 -0.80 0.00	43.64 -0.58 0.00	54.59 -0.17 0.00	54.42 0.34 0.00	63.37 0.66 0.00	71.51 1.02 0.00	75.50 2.40 0.00	86.19 3.50 0.00	112.80 4.43 0.00	152.62 4.04 0.00	228.24 4.61 0.00	253.45 2.99 3.72	566.96 5.22 1.98	719.17 -14.36 4.48	972.82 -16.94 1.39	540.75 2.17 0.00	315.06 -2.38 0.00	94.00 -1.10 0.00	66.45 -0.80 0.00
GELCKHM___115KV_LOAD 80723	49.88 0.02 0.00	42.67 -0.16 0.00	36.62 -0.29 0.00	31.62 -0.27 0.00	32.81 -0.27 0.00	31.53 -0.24 0.00	44.03 -0.19 0.00	54.56 -0.21 -0.02	54.01 -0.06 0.00	62.70 -0.05 -0.04	70.63 0.14 0.00	72.64 0.60 1.06	79.57 0.98 4.11	106.67 1.36 3.06	150.07 1.49 0.00	225.82 2.19 0.00	256.47 2.29 0.00	567.18 3.44 -0.01	739.85 1.21 -0.62	1004.69 9.36 -4.18	545.59 7.00 0.00	320.24 2.81 0.00	95.51 0.42 0.00	67.18 -0.07 0.00
GENERAL___MILLS 23808	50.80 0.93 0.00	42.86 0.04 0.00	36.02 -0.89 0.00	30.99 -0.90 0.00	32.13 -0.95 0.00	30.92 -0.85 0.00	43.55 -0.67 0.00	54.47 -0.29 0.00	54.29 0.22 0.00	63.19 0.48 0.00	71.28 0.79 0.00	75.23 2.13 0.00	85.87 3.17 0.00	112.37 4.01 0.00	152.04 3.46 0.00	227.36 3.74 0.00	252.26 2.01 3.92	564.53 2.89 2.09	715.89 -17.31 4.81	968.83 -20.84 1.47	538.79 0.21 0.00	313.81 -3.62 0.00	93.69 -1.41 0.00	66.25 -1.00 0.00
GE_PLASTICS___DRP 24183	50.54 0.67 0.00	43.45 0.63 0.00	37.63 0.72 0.00	32.56 0.67 0.00	33.72 0.64 0.00	32.22 0.45 0.00	44.57 0.35 0.00	54.92 0.16 0.00	54.03 -0.04 0.00	62.70 -0.01 0.00	71.08 0.59 0.00	74.03 0.93 0.00	83.76 1.07 0.00	110.06 1.69 0.00	151.56 2.98 0.00	227.93 4.30 0.00	258.99 4.81 0.00	575.89 12.17 0.00	773.48 17.69 -17.78	1008.76 17.61 0.00	546.52 7.93 0.00	322.83 5.40 0.00	96.65 1.55 0.00	68.17 0.92 0.00
GILBOA___1 23756	50.97 1.10 0.00	43.82 1.00 0.00	37.96 1.05 0.00	32.86 0.97 0.00	34.17 1.09 0.00	32.67 0.90 0.00	45.38 1.16 0.00	55.92 1.16 0.00	55.26 1.19 0.00	64.17 1.46 0.00	72.64 2.16 0.00	75.81 2.71 0.00	85.93 3.24 0.00	112.69 4.32 0.00	154.40 5.82 0.00	232.28 8.65 0.00	263.93 9.75 0.00	585.42 21.70 0.00	772.74 27.83 -6.90	1022.02 30.87 0.00	554.63 16.05 0.00	327.19 9.75 0.00	98.19 3.10 0.00	69.28 2.04 0.00
GILBOA___2 23757	50.97 1.10 0.00	43.82 1.00 0.00	37.96 1.05 0.00	32.86 0.97 0.00	34.17 1.09 0.00	32.67 0.90 0.00	45.38 1.16 0.00	55.92 1.16 0.00	55.26 1.19 0.00	64.17 1.46 0.00	72.64 2.16 0.00	75.81 2.71 0.00	85.93 3.24 0.00	112.69 4.32 0.00	154.40 5.82 0.00	232.28 8.65 0.00	263.93 9.75 0.00	585.42 21.70 0.00	772.74 27.83 -6.90	1022.02 30.87 0.00	554.63 16.05 0.00	327.19 9.75 0.00	98.19 3.10 0.00	69.28 2.04 0.00
GILBOA___3 23758	50.97 1.10 0.00	43.82 1.00 0.00	37.96 1.05 0.00	32.86 0.97 0.00	34.17 1.09 0.00	32.67 0.90 0.00	45.38 1.16 0.00	55.92 1.16 0.00	55.26 1.19 0.00	64.17 1.46 0.00	72.64 2.16 0.00	75.81 2.71 0.00	85.93 3.24 0.00	112.69 4.32 0.00	154.40 5.82 0.00	232.28 8.65 0.00	263.93 9.75 0.00	585.42 21.70 0.00	772.74 27.83 -6.90	1022.02 30.87 0.00	554.63 16.05 0.00	327.19 9.75 0.00	98.19 3.10 0.00	69.28 2.04 0.00
GILBOA___4 23759	50.97 1.10 0.00	43.82 1.00 0.00	37.96 1.05 0.00	32.86 0.97 0.00	34.17 1.09 0.00	32.67 0.90 0.00	45.38 1.16 0.00	55.92 1.16 0.00	55.26 1.19 0.00	64.17 1.46 0.00	72.64 2.16 0.00	75.81 2.71 0.00	85.93 3.24 0.00	112.69 4.32 0.00	154.40 5.82 0.00	232.28 8.65 0.00	263.93 9.75 0.00	585.42 21.70 0.00	772.74 27.83 -6.90	1022.02 30.87 0.00	554.63 16.05 0.00	327.19 9.75 0.00	98.19 3.10 0.00	69.28 2.04 0.00

GILBOA____ 23599	50.97 1.10 0.00	43.82 1.00 0.00	37.96 1.05 0.00	32.86 0.97 0.00	34.17 1.09 0.00	32.67 0.90 0.00	45.38 1.16 0.00	55.92 1.16 0.00	55.27 1.19 0.00	64.17 1.46 0.00	72.64 2.16 0.00	75.81 2.71 0.00	85.93 3.24 0.00	112.69 4.32 0.00	154.41 5.83 0.00	232.29 8.66 0.00	263.94 9.76 0.00	585.43 21.70 0.00	772.70 27.79 -6.90	1022.11 30.96 0.00	554.64 16.05 0.00	327.18 9.75 0.00	98.19 3.10 0.00	69.28 2.04 0.00
GINNA____ 23603	49.12 -0.74 0.00	41.67 -1.15 0.00	35.38 -1.54 0.00	30.46 -1.43 0.00	31.59 -1.49 0.00	30.41 -1.36 0.00	42.65 -1.57 0.00	53.20 -1.56 0.00	52.90 -1.17 0.00	61.66 -1.05 0.00	69.77 -0.72 0.00	73.32 0.22 0.00	83.41 0.71 0.00	109.21 0.84 0.00	148.58 0.00 0.00	222.98 -0.65 -0.01	252.61 -1.57 0.00	558.77 -4.95 0.00	721.83 -16.19 0.00	974.15 -17.00 0.00	534.27 -4.32 0.00	312.08 -5.36 0.00	92.91 -2.18 0.00	65.39 -1.86 0.00
GLEN PARK____ 23778	50.14 0.27 0.00	42.79 -0.04 0.00	36.70 -0.21 0.00	31.83 -0.06 0.00	32.92 -0.16 0.00	31.89 0.12 0.00	45.05 0.83 0.00	55.31 0.52 -0.02	54.41 0.34 0.00	63.23 0.47 -0.05	70.50 0.01 0.00	62.24 -0.76 10.11	41.91 -1.72 39.06	70.26 -2.18 35.92	50.11 -2.88 95.59	83.30 -3.68 136.65	89.74 -3.53 160.90	237.30 -3.32 323.10	399.20 4.40 343.22	984.86 28.59 34.87	561.89 23.31 0.00	280.74 8.96 45.65	51.57 0.74 44.27	67.13 -0.12 0.00
GLENDALE_27_KV_LOAD 356172	52.88 3.01 0.00	45.55 2.73 0.00	39.41 2.50 0.00	34.21 2.32 0.00	35.44 2.36 0.00	34.02 2.25 0.00	47.29 3.07 0.00	58.45 3.69 0.00	58.13 4.06 0.00	67.66 4.95 0.00	77.02 6.53 0.00	79.38 7.77 1.49	91.29 9.31 0.72	121.30 13.04 0.10	166.97 18.39 0.00	252.01 28.38 0.00	285.97 31.79 0.00	634.76 71.04 0.00	833.58 87.55 -8.02	1090.59 99.44 0.00	586.81 48.22 0.00	347.45 30.01 0.00	103.70 8.60 0.00	72.36 5.12 0.00
GLENWOOD_IC_1_G5 23712	52.78 2.92 0.00	45.55 2.73 0.00	39.42 2.50 0.00	34.20 2.30 0.00	35.39 2.31 0.00	33.96 2.19 0.00	47.10 2.88 0.00	58.19 3.43 0.00	57.78 3.71 0.00	67.18 4.47 0.00	79.67 6.34 -2.84	90.74 7.73 -9.91	112.45 9.30 -20.45	166.74 13.00 -45.38	177.60 17.84 -11.18	255.85 27.25 -4.98	286.66 31.20 -1.28	634.15 70.21 -0.22	845.99 92.20 -15.78	1094.98 105.71 1.88	588.26 49.70 0.03	345.61 30.04 1.86	103.67 8.38 -0.19	83.65 5.13 -11.27
GLENWOOD_IC_2_G1 23688	52.57 2.70 0.00	45.34 2.52 0.00	39.23 2.32 0.00	34.03 2.14 0.00	35.23 2.15 0.00	33.81 2.03 0.00	46.91 2.69 0.00	57.96 3.20 0.00	57.63 3.56 0.00	67.14 4.44 0.00	77.84 6.14 -1.21	85.05 7.42 -4.53	107.06 8.92 -15.45	162.83 12.39 -42.07	165.77 17.19 0.00	255.11 26.29 -5.20	284.20 29.94 -0.09	631.54 67.60 -0.22	841.28 86.46 -16.81	1089.71 98.56 0.00	585.80 47.22 0.00	345.96 28.52 0.00	103.14 8.04 0.00	72.10 4.85 0.00
GLENWOOD_IC_3_G1 23689	52.57 2.70 0.00	45.34 2.52 0.00	39.23 2.32 0.00	34.03 2.14 0.00	35.23 2.15 0.00	33.81 2.03 0.00	46.91 2.69 0.00	57.96 3.20 0.00	57.63 3.56 0.00	67.14 4.44 0.00	77.84 6.14 -1.21	85.05 7.42 -4.53	107.06 8.92 -15.45	162.83 12.39 -42.07	165.77 17.19 0.00	255.11 26.29 -5.20	284.20 29.94 -0.09	631.54 67.60 -0.22	841.28 86.46 -16.81	1089.71 98.56 0.00	585.80 47.22 0.00	345.96 28.52 0.00	103.14 8.04 0.00	72.10 4.85 0.00
GLENWOOD____4 23550	52.78 2.92 0.00	45.55 2.73 0.00	39.42 2.50 0.00	34.20 2.30 0.00	35.39 2.31 0.00	33.96 2.19 0.00	47.10 2.88 0.00	58.20 3.44 0.00	57.84 3.77 0.00	67.34 4.63 0.00	79.82 6.50 -2.84	90.91 7.89 -9.91	112.65 9.50 -20.45	167.01 13.26 -45.38	177.98 18.22 -11.18	256.45 27.85 -4.98	287.29 31.83 -1.28	635.44 71.50 -0.22	846.99 93.19 -15.78	1096.10 106.84 1.88	589.04 50.48 0.03	346.08 30.51 1.86	103.78 8.49 -0.19	83.72 5.20 -11.27
GLENWOOD____5 23614	52.78 2.92 0.00	45.55 2.73 0.00	39.42 2.50 0.00	34.20 2.30 0.00	35.39 2.31 0.00	33.96 2.19 0.00	47.10 2.88 0.00	58.20 3.44 0.00	57.84 3.77 0.00	67.34 4.63 0.00	79.82 6.50 -2.84	90.91 7.89 -9.91	112.65 9.50 -20.45	167.01 13.26 -45.38	177.98 18.22 -11.18	256.45 27.85 -4.98	287.29 31.83 -1.28	635.44 71.50 -0.22	846.99 93.19 -15.78	1096.10 106.84 1.88	589.04 50.48 0.03	346.08 30.51 1.86	103.78 8.49 -0.19	83.72 5.20 -11.27
GLOBAL GREEN_PORT_GT1 23814	53.21 3.34 0.00	45.76 2.93 0.00	39.62 2.71 0.00	34.22 2.33 0.00	35.67 2.59 0.00	34.41 2.64 0.00	47.67 3.46 0.00	58.88 4.12 0.00	59.13 5.06 0.00	69.50 6.79 0.00	80.92 10.16 -0.28	87.18 12.40 -1.68	117.91 15.05 -20.17	230.11 17.57 -104.18	233.48 21.41 -63.49	264.66 31.12 -9.92	301.15 35.18 -11.79	642.56 78.31 -0.53	916.04 120.53 -57.50	1114.04 128.17 5.28	590.97 52.44 0.06	343.90 30.83 4.36	103.02 8.03 0.10	65.95 4.66 5.95
GLOBE____DSASP 323697	49.19 -0.68 0.00	41.46 -1.36 0.00	34.80 -2.11 0.00	29.93 -1.96 0.00	31.03 -2.05 0.00	29.90 -1.87 0.00	42.10 -2.11 0.00	52.55 -2.21 0.00	52.25 -1.83 0.00	60.96 -1.75 0.00	68.75 -1.74 0.00	72.64 -0.46 0.00	82.81 0.12 0.00	108.14 -0.22 0.00	145.93 -2.65 0.00	217.67 -5.96 0.00	241.67 -9.41 3.10	537.17 -24.90 1.65	678.28 -56.10 3.64	916.67 -73.31 1.16	512.77 -25.82 0.00	298.92 -18.52 0.00	89.59 -5.50 0.00	63.65 -3.60 0.00
GOETHSLN____LBMP 323567	52.36 2.49 0.00	45.10 2.28 0.00	39.03 2.11 0.00	33.86 1.97 0.00	35.07 1.99 0.00	33.67 1.90 0.00	46.83 2.62 0.00	57.76 2.99 0.00	57.41 3.33 0.00	66.89 4.18 0.00	76.18 5.70 0.00	78.54 6.95 1.51	91.03 8.35 0.01	120.14 11.77 0.00	165.28 16.70 0.00	249.33 25.71 0.00	282.78 28.60 0.00	628.52 64.79 0.00	825.83 79.80 -8.02	1081.06 89.91 0.00	582.57 43.98 0.00	344.43 27.00 0.00	102.82 7.72 0.00	71.73 4.48 0.00
GOLAH____69_KV_TB 1_2 80279	51.79 1.93 0.00	43.81 0.99 0.00	37.08 0.16 0.00	31.91 0.02 0.00	33.10 0.02 0.00	31.88 0.11 0.00	44.79 0.58 0.00	55.85 1.08 0.00	55.45 1.38 0.00	64.56 1.85 0.00	72.94 2.45 0.00	76.64 3.54 0.00	87.40 4.71 0.00	114.23 5.87 0.00	154.73 6.14 0.00	232.10 8.47 0.00	262.38 8.18 -0.02	580.48 16.75 0.00	747.46 8.44 -1.00	1009.57 18.42 0.00	557.93 19.34 0.00	338.06 8.23 -12.39	109.64 2.15 -12.39	68.54 1.30 0.00
GOODYEAR_LAKE_HYD 323669	52.15 2.28 0.00	44.65 1.83 0.00	38.42 1.51 0.00	33.23 1.33 0.00	34.52 1.44 0.00	33.14 1.37 0.00	46.24 2.03 0.00	57.28 2.52 0.00	56.70 2.62 0.00	65.83 3.12 0.00	74.29 3.81 0.00	77.56 4.46 0.00	88.05 5.35 0.00	115.33 6.96 0.00	157.76 9.17 0.00	237.61 13.98 0.00	270.23 16.05 0.00	599.31 35.58 0.00	794.82 45.04 -11.77	1052.40 61.25 0.00	572.37 33.78 0.00	336.13 18.70 0.00	100.17 5.08 0.00	70.32 3.07 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	50.84 0.97 0.00	43.50 0.68 0.00	37.27 0.35 0.00	32.21 0.32 0.00	33.47 0.38 0.00	32.10 0.33 0.00	44.80 0.58 0.00	55.44 0.67 -0.01	55.01 0.94 0.00	63.72 0.99 -0.03	71.89 1.40 0.00	75.30 2.20 0.00	85.77 3.08 0.00	112.63 4.27 0.00	154.26 5.68 0.00	232.16 8.54 0.00	263.06 8.88 0.00	583.72 19.99 0.00	760.93 19.61 -3.31	1020.60 26.93 -2.53	554.71 16.13 0.00	326.18 8.75 0.00	97.37 2.27 0.00	68.33 1.08 0.00

GOUDEY___7 23579	50.84 0.97 0.00	43.50 0.68 0.00	37.27 0.35 0.00	32.21 0.32 0.00	33.47 0.38 0.00	32.10 0.33 0.00	44.80 0.58 0.00	55.44 0.67 -0.01	55.01 0.94 0.00	63.72 0.99 -0.03	71.89 1.40 0.00	75.30 2.20 0.00	85.77 3.08 0.00	112.63 4.27 0.00	154.26 5.68 0.00	232.16 8.54 0.00	263.06 8.88 0.00	583.72 19.99 0.00	760.93 19.61 -3.31	1020.60 26.93 -2.53	554.71 16.13 0.00	326.18 8.75 0.00	97.37 2.27 0.00	68.33 1.08 0.00
GOUDEY___8 23580	50.84 0.97 0.00	43.50 0.68 0.00	37.27 0.35 0.00	32.21 0.32 0.00	33.47 0.38 0.00	32.10 0.33 0.00	44.80 0.58 0.00	55.44 0.67 -0.01	55.01 0.94 0.00	63.72 0.99 -0.03	71.89 1.40 0.00	75.30 2.20 0.00	85.77 3.08 0.00	112.63 4.27 0.00	154.26 5.68 0.00	232.16 8.54 0.00	263.06 8.88 0.00	583.72 19.99 0.00	760.93 19.61 -3.31	1020.60 26.93 -2.53	554.71 16.13 0.00	326.18 8.75 0.00	97.37 2.27 0.00	68.33 1.08 0.00
GOWANUS_GT1_1 24077	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.05 -10.62	251.41 27.79 0.00	285.24 31.06 0.00	633.27 69.54 0.00	830.84 84.81 -8.02	1086.86 95.72 0.00	584.59 45.99 0.00	345.01 27.58 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT1_2 24078	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.05 -10.62	251.41 27.79 0.00	285.24 31.06 0.00	633.27 69.54 0.00	830.84 84.81 -8.02	1086.86 95.72 0.00	584.59 45.99 0.00	345.01 27.58 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT1_3 24079	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.05 -10.62	251.41 27.79 0.00	285.24 31.06 0.00	633.27 69.54 0.00	830.84 84.81 -8.02	1086.86 95.72 0.00	584.59 45.99 0.00	345.01 27.58 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT1_4 24080	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.05 -10.62	251.41 27.79 0.00	285.24 31.06 0.00	633.27 69.54 0.00	830.84 84.81 -8.02	1086.86 95.72 0.00	584.59 45.99 0.00	345.01 27.58 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT1_5 24084	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.05 -10.62	251.41 27.79 0.00	285.24 31.06 0.00	633.27 69.54 0.00	830.84 84.81 -8.02	1086.86 95.72 0.00	584.59 45.99 0.00	345.01 27.58 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT1_6 24111	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.05 -10.62	251.41 27.79 0.00	285.24 31.06 0.00	633.27 69.54 0.00	830.84 84.81 -8.02	1086.86 95.72 0.00	584.59 45.99 0.00	345.01 27.58 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT1_7 24112	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.05 -10.62	251.41 27.79 0.00	285.24 31.06 0.00	633.27 69.54 0.00	830.84 84.81 -8.02	1086.86 95.72 0.00	584.59 45.99 0.00	345.01 27.58 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT1_8 24113	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.05 -10.62	251.41 27.79 0.00	285.24 31.06 0.00	633.27 69.54 0.00	830.84 84.81 -8.02	1086.86 95.72 0.00	584.59 45.99 0.00	345.01 27.58 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT2_1 24114	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT2_2 24115	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT2_3 24116	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT2_4 24117	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT2_5 24118	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00

GOWANUS_GT2_6 24119	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT2_7 24120	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT2_8 24121	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT3_1 24122	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.23 -47.14	194.51 12.88 -73.26	177.25 18.05 -10.62	251.41 27.78 0.00	285.23 31.05 0.00	633.42 69.70 0.00	830.65 84.63 -8.02	1086.57 95.42 0.00	584.57 45.98 0.00	345.00 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT3_2 24123	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.23 -47.14	194.51 12.88 -73.26	177.25 18.05 -10.62	251.41 27.78 0.00	285.23 31.05 0.00	633.42 69.70 0.00	830.65 84.63 -8.02	1086.57 95.42 0.00	584.57 45.98 0.00	345.00 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT3_3 24124	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.23 -47.14	194.51 12.88 -73.26	177.25 18.05 -10.62	251.41 27.78 0.00	285.23 31.05 0.00	633.42 69.70 0.00	830.65 84.63 -8.02	1086.57 95.42 0.00	584.57 45.98 0.00	345.00 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT3_4 24125	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.23 -47.14	194.51 12.88 -73.26	177.25 18.05 -10.62	251.41 27.78 0.00	285.23 31.05 0.00	633.42 69.70 0.00	830.65 84.63 -8.02	1086.57 95.42 0.00	584.57 45.98 0.00	345.00 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT3_5 24126	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.23 -47.14	194.51 12.88 -73.26	177.25 18.05 -10.62	251.41 27.78 0.00	285.23 31.05 0.00	633.42 69.70 0.00	830.65 84.63 -8.02	1086.57 95.42 0.00	584.57 45.98 0.00	345.00 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT3_6 24127	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.23 -47.14	194.51 12.88 -73.26	177.25 18.05 -10.62	251.41 27.78 0.00	285.23 31.05 0.00	633.42 69.70 0.00	830.65 84.63 -8.02	1086.57 95.42 0.00	584.57 45.98 0.00	345.00 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT3_7 24128	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.23 -47.14	194.51 12.88 -73.26	177.25 18.05 -10.62	251.41 27.78 0.00	285.23 31.05 0.00	633.42 69.70 0.00	830.65 84.63 -8.02	1086.57 95.42 0.00	584.57 45.98 0.00	345.00 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT3_8 24129	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.23 -47.14	194.51 12.88 -73.26	177.25 18.05 -10.62	251.41 27.78 0.00	285.23 31.05 0.00	633.42 69.70 0.00	830.65 84.63 -8.02	1086.57 95.42 0.00	584.57 45.98 0.00	345.00 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
GOWANUS_GT4_1 24130	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.41 27.79 0.00	285.26 31.08 0.00	633.30 69.57 0.00	830.95 84.93 -8.02	1086.91 95.76 0.00	584.68 46.09 0.00	345.02 27.59 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT4_2 24131	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.41 27.79 0.00	285.26 31.08 0.00	633.30 69.57 0.00	830.95 84.93 -8.02	1086.91 95.76 0.00	584.68 46.09 0.00	345.02 27.59 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT4_3 24132	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.41 27.79 0.00	285.26 31.08 0.00	633.30 69.57 0.00	830.95 84.93 -8.02	1086.91 95.76 0.00	584.68 46.09 0.00	345.02 27.59 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT4_4 24133	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.41 27.79 0.00	285.26 31.08 0.00	633.30 69.57 0.00	830.95 84.93 -8.02	1086.91 95.76 0.00	584.68 46.09 0.00	345.02 27.59 0.00	103.10 8.00 0.00	72.05 4.80 0.00

GOWANUS_GT4_5 24134	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.41 27.79 0.00	285.26 31.08 0.00	633.30 69.57 0.00	830.95 84.93 -8.02	1086.91 95.76 0.00	584.68 46.09 0.00	345.02 27.59 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT4_6 24135	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.41 27.79 0.00	285.26 31.08 0.00	633.30 69.57 0.00	830.95 84.93 -8.02	1086.91 95.76 0.00	584.68 46.09 0.00	345.02 27.59 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT4_7 24136	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.41 27.79 0.00	285.26 31.08 0.00	633.30 69.57 0.00	830.95 84.93 -8.02	1086.91 95.76 0.00	584.68 46.09 0.00	345.02 27.59 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GOWANUS_GT4_8 24137	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.41 27.79 0.00	285.26 31.08 0.00	633.30 69.57 0.00	830.95 84.93 -8.02	1086.91 95.76 0.00	584.68 46.09 0.00	345.02 27.59 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GREATVR_69_KV_BK1 356245	52.90 3.03 0.00	45.84 3.01 0.00	39.70 2.79 0.00	34.51 2.62 0.00	35.68 2.60 0.00	34.23 2.46 0.00	47.22 3.00 0.00	58.35 3.58 0.00	58.28 4.21 0.00	67.92 5.21 0.00	78.82 7.82 -0.51	84.96 9.47 -2.38	112.92 11.33 -18.89	209.87 15.30 -86.21	214.84 19.37 -46.89	260.98 29.09 -8.27	296.72 34.02 -8.52	640.27 76.39 -0.16	888.51 108.89 -41.61	1108.93 122.80 5.01	593.35 54.82 0.06	345.74 32.45 4.14	103.79 8.77 0.07	68.48 5.57 4.34
GREENBSH_115KV_TB3 55895	50.28 0.41 0.00	43.22 0.40 0.00	37.48 0.57 0.00	32.43 0.54 0.00	33.62 0.54 0.00	32.18 0.41 0.00	44.58 0.36 0.00	54.97 0.21 0.00	54.10 0.03 0.00	62.81 0.10 0.00	71.29 0.80 0.00	74.25 1.15 0.00	84.01 1.32 0.00	110.46 2.10 0.00	152.35 3.77 0.00	229.19 5.57 0.00	260.50 6.32 0.00	579.35 15.62 0.00	781.80 23.09 -20.70	1015.49 24.34 0.00	549.85 11.26 0.00	324.89 7.45 0.00	97.14 2.04 0.00	68.52 1.27 0.00
GREENDGE_115KV_TB5 80291	50.93 1.06 0.00	43.48 0.66 0.00	37.17 0.25 0.00	32.02 0.12 0.00	33.19 0.11 0.00	31.91 0.14 0.00	44.67 0.45 0.00	55.28 0.51 -0.01	54.83 0.76 0.00	63.42 0.69 -0.02	71.25 0.77 0.00	74.77 1.67 0.00	84.76 2.06 0.00	110.46 2.09 0.00	150.60 2.02 0.00	226.35 2.72 0.00	262.31 2.31 -5.82	573.86 7.04 -3.10	753.65 4.41 -11.23	1010.12 14.63 -4.34	550.84 12.25 0.00	321.71 4.28 0.00	96.30 1.20 0.00	67.84 0.59 0.00
GREENIDGE___3 23582	50.93 1.06 0.00	43.48 0.66 0.00	37.17 0.25 0.00	32.02 0.12 0.00	33.19 0.11 0.00	31.91 0.14 0.00	44.67 0.45 0.00	55.28 0.51 -0.01	54.83 0.76 0.00	63.42 0.69 -0.02	71.25 0.77 0.00	74.77 1.67 0.00	84.76 2.06 0.00	110.46 2.09 0.00	150.60 2.02 0.00	226.35 2.72 0.00	262.31 2.31 -5.82	573.86 7.04 -3.10	753.65 4.41 -11.23	1010.12 14.63 -4.34	550.84 12.25 0.00	321.71 4.28 0.00	96.30 1.20 0.00	67.84 0.59 0.00
GREENIDGE___4 23583	50.93 1.06 0.00	43.48 0.66 0.00	37.17 0.25 0.00	32.02 0.12 0.00	33.19 0.11 0.00	31.91 0.14 0.00	44.67 0.45 0.00	55.28 0.51 -0.01	54.84 0.77 0.00	63.43 0.70 -0.02	71.26 0.77 0.00	74.77 1.67 0.00	84.76 2.06 0.00	110.45 2.09 0.00	150.61 2.03 0.00	226.35 2.72 0.00	262.28 2.28 -5.82	573.61 6.79 -3.10	753.59 4.35 -11.23	1009.97 14.48 -4.34	550.83 12.24 0.00	321.57 4.13 0.00	96.31 1.21 0.00	67.83 0.58 0.00
GREENLWN_69_KV_BK 3 55738	51.51 1.64 0.00	44.85 2.03 0.00	38.99 2.07 0.00	33.92 2.02 0.00	35.08 2.00 0.00	33.62 1.84 0.00	46.30 2.08 0.00	56.92 2.16 0.00	56.57 2.49 0.00	65.78 3.07 0.00	76.14 5.24 -0.41	81.45 6.69 -1.65	98.44 8.38 -7.37	95.94 11.76 24.19	107.87 14.89 55.60	244.55 22.64 1.71	269.23 26.28 11.23	624.16 59.43 -1.00	813.95 83.97 8.02	1076.50 90.53 5.17	576.56 37.87 -0.10	336.62 23.45 4.27	101.17 6.16 0.09	65.90 3.70 5.04
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.05 9.21 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.41 27.79 0.00	285.26 31.08 0.00	633.30 69.57 0.00	830.95 84.93 -8.02	1086.91 95.76 0.00	584.68 46.09 0.00	345.02 27.59 0.00	103.10 8.00 0.00	72.05 4.80 0.00
GRISSOM___SOLAR 323813	52.93 3.06 0.00	45.27 2.45 0.00	38.98 2.07 0.00	33.66 1.77 0.00	34.96 1.88 0.00	33.61 1.84 0.00	46.83 2.61 0.00	57.38 2.62 0.00	55.71 1.64 0.00	64.14 1.43 0.00	71.97 1.48 0.00	74.89 1.78 0.00	84.60 1.90 0.00	111.13 2.77 0.00	151.94 3.36 0.00	228.88 5.25 0.00	261.36 7.19 0.00	584.77 21.05 0.00	809.41 38.78 -32.62	1061.06 69.91 0.00	583.70 45.12 0.00	343.46 26.03 0.00	102.41 7.31 0.00	71.81 4.56 0.00
GROVEVILLE___HYD 323602	52.95 3.08 0.00	45.48 2.65 0.00	39.30 2.39 0.00	34.03 2.14 0.00	35.27 2.19 0.00	33.84 2.07 0.00	47.07 2.85 0.00	58.28 3.52 0.00	57.86 3.79 0.00	67.46 4.75 0.00	76.78 6.30 0.00	80.46 7.35 0.00	91.41 8.71 0.00	120.57 12.20 0.00	166.09 17.51 0.00	250.45 26.83 0.00	284.86 30.68 0.00	634.21 70.48 0.00	835.27 89.13 -8.14	1096.59 105.44 0.00	591.30 52.71 0.00	348.50 31.07 0.00	103.75 8.65 0.00	72.41 5.17 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	50.25 0.38 0.00	42.99 0.17 0.00	36.89 -0.02 0.00	31.85 -0.04 0.00	33.05 -0.03 0.00	31.77 0.00 0.00	44.38 0.16 0.00	54.98 0.19 -0.03	54.39 0.32 0.00	63.14 0.36 -0.07	71.02 0.53 0.00	73.08 0.94 0.96	80.40 1.41 3.70	107.50 1.90 2.76	150.77 2.19 0.00	226.81 3.19 0.00	257.54 3.36 0.00	569.77 6.04 -0.01	743.81 4.86 -0.94	1012.75 15.23 -6.37	548.73 10.14 0.00	321.94 4.51 0.00	96.01 0.91 0.00	67.50 0.25 0.00
HAMLTNNY_34_KV_TB 80303	50.80 0.94 0.00	43.35 0.53 0.00	37.11 0.19 0.00	31.97 0.07 0.00	33.18 0.10 0.00	31.91 0.13 0.00	44.59 0.37 0.00	55.23 0.45 -0.03	54.74 0.67 0.00	63.60 0.83 -0.06	71.71 1.22 0.00	74.14 1.87 0.83	82.11 2.64 3.22	109.28 3.31 2.40	152.35 3.77 0.00	229.00 5.37 0.00	259.89 5.71 0.00	574.91 11.18 -0.01	749.00 10.09 -0.90	1019.51 22.28 -6.09	553.94 15.35 0.00	325.47 8.03 0.00	96.95 1.85 0.00	68.12 0.87 0.00

HAMPSHIRE___PAPER_HYD 323593	49.58 -0.29 0.00	42.47 -0.36 0.00	36.57 -0.35 0.00	31.65 -0.24 0.00	32.70 -0.38 0.00	31.58 -0.19 0.00	44.31 0.08 0.00	54.52 -0.25 -0.01	53.52 -0.55 0.00	61.83 -0.90 -0.02	68.71 -1.78 0.00	42.55 -3.44 27.12	-26.95 -4.89 104.75	15.84 -6.91 85.61	-4.66 -9.63 143.61	25.90 -13.77 183.96	-8.71 -15.23 247.66	81.88 -32.86 448.98	182.38 -36.75 518.87	884.07 -38.25 68.83	522.43 -16.16 0.00	260.56 -9.32 47.56	19.40 -3.14 72.56	65.51 -1.74 0.00
HARDSCRABBLE_WT_PWR 323673	50.62 0.76 0.00	43.56 0.73 0.00	37.63 0.72 0.00	32.58 0.69 0.00	33.87 0.79 0.00	32.48 0.71 0.00	45.02 0.80 0.00	55.13 0.37 0.00	54.02 -0.06 0.00	62.55 -0.16 0.00	71.00 0.51 0.00	73.47 1.19 0.82	81.08 1.56 3.18	109.11 2.29 1.54	168.35 3.90 -15.87	249.63 5.64 -20.36	288.50 6.95 -27.36	635.20 21.83 -49.65	835.01 39.63 -57.38	1051.49 52.53 -7.81	566.28 27.69 0.00	338.85 16.13 -5.29	107.68 4.57 -8.01	69.74 2.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	52.68 2.82 0.00	45.25 2.43 0.00	39.11 2.20 0.00	33.87 1.98 0.00	35.10 2.01 0.00	33.67 1.90 0.00	46.84 2.62 0.00	57.98 3.22 0.00	57.58 3.51 0.00	67.18 4.48 0.00	76.50 6.01 0.00	80.31 7.20 0.00	91.36 8.67 0.00	120.50 12.13 0.00	166.04 17.46 0.00	250.39 26.77 0.00	284.71 30.53 0.00	633.82 70.10 0.00	833.49 87.94 -7.53	1094.42 103.28 0.00	590.27 51.68 0.00	347.53 30.09 0.00	103.39 8.29 0.00	72.17 4.93 0.00
HARSNRAD_115KV_TB1 81005	49.98 0.11 0.00	42.12 -0.70 0.00	35.36 -1.55 0.00	30.43 -1.46 0.00	31.55 -1.53 0.00	30.40 -1.37 0.00	42.81 -1.41 0.00	53.43 -1.33 0.00	53.06 -1.01 0.00	61.79 -0.92 0.00	69.64 -0.85 0.00	73.43 0.33 0.00	83.74 1.04 0.00	109.43 1.06 0.00	147.60 -0.98 0.00	220.26 -3.36 0.00	244.61 -5.76 3.82	546.09 -15.83 1.80	689.98 -43.92 4.11	934.60 -55.28 1.27	522.51 -16.08 0.00	304.44 -12.99 0.00	91.30 -3.79 0.00	64.79 -2.46 0.00
HARZA MOOSE___RIVER 24016	50.10 0.23 0.00	42.89 0.07 0.00	36.94 0.03 0.00	31.99 0.09 0.00	33.13 0.05 0.00	31.96 0.19 0.00	44.90 0.68 0.00	55.43 0.66 -0.01	54.76 0.69 0.00	63.61 0.89 -0.02	71.38 0.89 0.00	66.21 0.60 7.50	53.99 0.26 28.97	86.91 0.28 21.73	135.28 0.26 13.56	211.31 0.50 12.82	230.15 0.63 24.66	532.15 2.85 34.42	694.79 6.08 49.30	1000.31 16.47 7.31	550.13 11.54 0.00	321.84 4.41 0.00	87.64 0.69 8.15	67.35 0.11 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	49.95 0.09 0.00	42.73 -0.09 0.00	36.66 -0.25 0.00	31.65 -0.24 0.00	32.85 -0.23 0.00	31.56 -0.21 0.00	44.07 -0.15 0.00	54.65 -0.13 -0.02	54.14 0.07 0.00	62.87 0.13 -0.04	70.89 0.40 0.00	72.98 0.95 1.08	79.93 1.40 4.16	107.24 1.98 3.10	150.90 2.32 0.00	227.11 3.48 0.00	257.94 3.76 0.00	570.43 6.70 -0.01	743.53 5.01 -0.51	1008.78 14.14 -3.49	547.96 9.37 0.00	321.65 4.22 0.00	95.95 0.85 0.00	67.44 0.20 0.00
HELLGATE_13_KV_LD 55870	52.98 3.11 0.00	45.67 2.84 0.00	39.52 2.61 0.00	34.32 2.42 0.00	35.55 2.46 0.00	34.13 2.36 0.00	47.42 3.21 0.00	58.64 3.88 0.00	58.34 4.27 0.00	67.90 5.19 0.00	77.30 6.81 0.00	79.93 8.06 1.24	91.78 9.69 0.60	121.78 13.50 0.08	167.64 19.05 0.00	253.00 29.37 0.00	287.02 32.84 0.00	637.16 73.44 0.00	836.47 90.45 -8.02	1094.23 103.08 0.00	588.42 49.84 0.00	348.43 31.00 0.00	104.01 8.91 0.00	72.57 5.32 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	52.98 3.11 0.00	45.67 2.84 0.00	39.52 2.61 0.00	34.32 2.42 0.00	35.55 2.46 0.00	34.13 2.36 0.00	47.42 3.21 0.00	58.64 3.88 0.00	58.34 4.27 0.00	67.90 5.19 0.00	77.30 6.81 0.00	79.93 8.06 1.24	91.78 9.69 0.60	121.78 13.50 0.08	167.64 19.05 0.00	253.00 29.37 0.00	287.02 32.84 0.00	637.16 73.44 0.00	836.47 90.45 -8.02	1094.23 103.08 0.00	588.42 49.84 0.00	348.43 31.00 0.00	104.01 8.91 0.00	72.57 5.32 0.00
HEMPSTEAD____ 23647	52.30 2.43 0.00	45.24 2.42 0.00	39.17 2.26 0.00	34.01 2.11 0.00	35.18 2.10 0.00	33.75 1.98 0.00	46.71 2.49 0.00	57.71 2.95 0.00	57.44 3.37 0.00	66.95 4.24 -3.23	79.87 6.15 -11.20	91.87 7.57 -21.23	112.98 9.06 -44.85	165.79 12.57 -9.52	175.03 16.92 -4.45	253.87 25.80 -1.15	285.05 29.73 -0.22	630.65 66.70 -14.90	841.33 88.42 3.47	1086.75 99.07 0.05	583.92 45.38 3.44	341.66 27.66 -0.25	102.98 7.63 -14.83	86.74 4.65 0.00
HICKLING___1 23621	50.94 1.08 0.00	43.48 0.65 0.00	37.01 0.10 0.00	31.93 0.03 0.00	33.11 0.03 0.00	31.76 -0.01 0.00	44.53 0.31 0.00	55.20 0.42 -0.01	54.91 0.84 0.00	63.49 0.76 -0.02	71.46 0.97 0.00	75.18 2.08 0.00	85.97 3.27 0.00	112.97 4.60 0.00	154.68 6.10 0.00	232.41 8.78 0.00	264.64 8.27 -2.19	584.96 20.07 -1.17	761.02 17.00 -6.01	1020.00 25.91 -2.94	555.94 17.35 0.00	325.72 8.29 0.00	97.08 1.98 0.00	67.92 0.67 0.00
HICKLING___2 23622	50.94 1.08 0.00	43.48 0.65 0.00	37.01 0.10 0.00	31.93 0.03 0.00	33.11 0.03 0.00	31.76 -0.01 0.00	44.53 0.31 0.00	55.20 0.42 -0.01	54.91 0.84 0.00	63.49 0.76 -0.02	71.46 0.97 0.00	75.18 2.08 0.00	85.97 3.27 0.00	112.97 4.60 0.00	154.68 6.10 0.00	232.41 8.78 0.00	264.64 8.27 -2.19	584.96 20.07 -1.17	761.02 17.00 -6.01	1020.00 25.91 -2.94	555.94 17.35 0.00	325.72 8.29 0.00	97.08 1.98 0.00	67.92 0.67 0.00
HIGH FALLS___HY 23754	52.95 3.08 0.00	45.46 2.64 0.00	39.24 2.33 0.00	33.99 2.09 0.00	35.24 2.16 0.00	33.81 2.04 0.00	47.11 2.89 0.00	58.42 3.66 0.00	58.06 3.99 0.00	67.58 4.87 0.00	76.79 6.30 0.00	80.09 6.98 0.00	91.13 8.43 0.00	120.10 11.74 0.00	165.13 16.55 0.00	249.49 25.87 0.00	284.72 30.54 0.00	637.75 74.03 0.00	841.00 93.89 -9.10	1103.79 112.64 0.00	595.12 56.54 0.00	350.45 33.02 0.00	104.15 9.05 0.00	72.60 5.35 0.00
HIGH_RIVER___SOLAR 323847	51.95 2.08 0.00	44.53 1.71 0.00	38.40 1.49 0.00	33.19 1.30 0.00	34.44 1.36 0.00	33.08 1.31 0.00	45.99 1.77 0.00	56.64 1.88 0.00	55.41 1.33 0.00	63.77 1.06 0.00	71.75 1.27 0.00	74.77 1.67 0.00	84.55 1.86 0.00	110.93 2.57 0.00	152.38 3.79 0.00	229.13 5.51 0.00	261.60 7.42 0.00	585.33 21.61 0.00	808.75 36.44 -34.31	1046.04 54.89 0.00	570.98 32.39 0.00	336.36 18.93 0.00	100.42 5.32 0.00	70.57 3.32 0.00
HILLBURN___GT 23639	52.40 2.53 0.00	45.06 2.24 0.00	38.97 2.06 0.00	33.76 1.86 0.00	34.97 1.89 0.00	33.55 1.78 0.00	46.70 2.48 0.00	57.76 2.99 0.00	57.35 3.28 0.00	66.92 4.21 0.00	76.22 5.74 0.00	79.99 6.89 0.00	91.00 8.31 0.00	120.08 11.71 0.00	165.43 16.85 0.00	249.24 25.62 0.00	283.23 29.05 0.00	629.90 66.18 0.00	828.18 82.52 -7.64	1086.18 95.03 0.00	585.97 47.38 0.00	345.35 27.91 0.00	102.86 7.77 0.00	71.79 4.54 0.00
HILLSIDE_115KV_TB1 80332	50.32 0.45 0.00	43.01 0.18 0.00	36.67 -0.24 0.00	31.68 -0.21 0.00	32.90 -0.18 0.00	31.53 -0.24 0.00	44.12 -0.10 0.00	54.55 -0.22 -0.01	54.31 0.24 0.00	62.77 0.04 -0.02	70.68 0.20 0.00	74.33 1.22 0.00	85.03 2.34 0.00	111.79 3.42 0.00	153.27 4.69 0.00	230.37 6.75 0.00	261.68 5.80 -1.70	578.80 14.17 -0.91	750.93 7.59 -5.32	1004.38 10.40 -2.83	546.58 7.99 0.00	321.56 4.13 0.00	95.91 0.82 0.00	67.13 -0.11 0.00

HISHELDN_WT_PWR 323625	49.97 0.11 0.00	42.30 -0.52 0.00	35.66 -1.25 0.00	30.67 -1.23 0.00	31.72 -1.36 0.00	30.53 -1.24 0.00	42.95 -1.27 0.00	53.58 -1.19 0.00	53.25 -0.83 0.00	61.85 -0.86 0.00	69.50 -0.99 0.00	73.13 0.03 0.00	83.38 0.68 0.00	109.11 0.75 0.00	147.74 -0.84 0.00	221.02 -2.60 0.01	236.03 -4.77 13.38	545.49 -11.14 7.09	689.89 -28.58 19.54	955.85 -30.30 5.00	533.65 -4.94 0.00	310.51 -6.92 0.00	92.81 -2.28 0.00	65.42 -1.83 0.00
HOLTSVILLE_IC_1 23690	51.77 1.90 0.00	44.91 2.09 0.00	38.97 2.05 0.00	33.92 2.03 0.00	35.08 2.00 0.00	33.66 1.89 0.00	46.35 2.13 0.00	57.10 2.34 0.00	56.88 2.81 0.00	66.22 3.52 0.00	76.56 5.81 -0.27	82.06 7.35 -1.61	110.95 9.05 -19.20	215.61 12.23 -95.01	218.39 14.84 -54.97	254.69 22.02 -9.04	290.19 25.88 -10.13	622.12 57.88 -0.52	880.40 87.74 -54.65	1081.07 95.21 5.29	578.60 40.07 0.06	337.03 23.96 4.37	101.25 6.25 0.10	65.04 3.82 6.03
HOLTSVILLE_IC_10 23699	52.15 2.28 0.00	45.19 2.37 0.00	39.19 2.27 0.00	34.11 2.21 0.00	35.27 2.19 0.00	33.85 2.08 0.00	46.62 2.40 0.00	57.47 2.71 0.00	57.31 3.24 0.00	66.79 4.08 0.00	77.31 6.50 -0.32	83.16 8.13 -1.92	115.83 10.01 -23.12	253.79 13.40 -132.03	253.98 16.04 -89.36	259.30 23.10 -12.57	298.18 27.16 -16.84	625.17 60.87 -0.57	897.09 92.75 -66.33	1087.28 101.36 5.23	581.16 42.63 0.06	339.95 26.83 4.32	102.09 7.09 0.10	65.99 4.39 5.64
HOLTSVILLE_IC_2 23691	51.77 1.90 0.00	44.91 2.09 0.00	38.97 2.05 0.00	33.92 2.03 0.00	35.08 2.00 0.00	33.66 1.89 0.00	46.35 2.13 0.00	57.10 2.34 0.00	56.88 2.81 0.00	66.22 3.52 0.00	76.56 5.81 -0.27	82.06 7.35 -1.61	110.95 9.05 -19.20	215.61 12.23 -95.01	218.39 14.84 -54.97	254.69 22.02 -9.04	290.19 25.88 -10.13	622.12 57.88 -0.52	880.40 87.74 -54.65	1081.07 95.21 5.29	578.60 40.07 0.06	337.03 23.96 4.37	101.25 6.25 0.10	65.04 3.82 6.03
HOLTSVILLE_IC_3 23692	51.77 1.90 0.00	44.91 2.09 0.00	38.97 2.05 0.00	33.92 2.03 0.00	35.08 2.00 0.00	33.66 1.89 0.00	46.35 2.13 0.00	57.10 2.34 0.00	56.88 2.81 0.00	66.22 3.52 0.00	76.56 5.81 -0.27	82.06 7.35 -1.61	110.95 9.05 -19.20	215.61 12.23 -95.01	218.39 14.84 -54.97	254.69 22.02 -9.04	290.19 25.88 -10.13	622.12 57.88 -0.52	880.40 87.74 -54.65	1081.07 95.21 5.29	578.60 40.07 0.06	337.03 23.96 4.37	101.25 6.25 0.10	65.04 3.82 6.03
HOLTSVILLE_IC_4 23693	51.77 1.90 0.00	44.91 2.09 0.00	38.97 2.05 0.00	33.92 2.03 0.00	35.08 2.00 0.00	33.66 1.89 0.00	46.35 2.13 0.00	57.10 2.34 0.00	56.88 2.81 0.00	66.22 3.52 0.00	76.56 5.81 -0.27	82.06 7.35 -1.61	110.95 9.05 -19.20	215.61 12.23 -95.01	218.39 14.84 -54.97	254.69 22.02 -9.04	290.19 25.88 -10.13	622.12 57.88 -0.52	880.40 87.74 -54.65	1081.07 95.21 5.29	578.60 40.07 0.06	337.03 23.96 4.37	101.25 6.25 0.10	65.04 3.82 6.03
HOLTSVILLE_IC_5 23694	51.77 1.90 0.00	44.91 2.09 0.00	38.97 2.05 0.00	33.92 2.03 0.00	35.08 2.00 0.00	33.66 1.89 0.00	46.35 2.13 0.00	57.10 2.34 0.00	56.88 2.81 0.00	66.22 3.52 0.00	76.56 5.81 -0.27	82.06 7.35 -1.61	110.95 9.05 -19.20	215.61 12.23 -95.01	218.39 14.84 -54.97	254.69 22.02 -9.04	290.19 25.88 -10.13	622.12 57.88 -0.52	880.40 87.74 -54.65	1081.07 95.21 5.29	578.60 40.07 0.06	337.03 23.96 4.37	101.25 6.25 0.10	65.04 3.82 6.03
HOLTSVILLE_IC_6 23695	52.15 2.28 0.00	45.19 2.37 0.00	39.19 2.27 0.00	34.11 2.21 0.00	35.27 2.19 0.00	33.85 2.08 0.00	46.62 2.40 0.00	57.47 2.71 0.00	57.31 3.24 0.00	66.79 4.08 0.00	77.31 6.50 -0.32	83.16 8.13 -1.92	115.83 10.01 -23.12	253.79 13.40 -132.03	253.98 16.04 -89.36	259.30 23.10 -12.57	298.18 27.16 -16.84	625.17 60.87 -0.57	897.09 92.75 -66.33	1087.28 101.36 5.23	581.16 42.63 0.06	339.95 26.83 4.32	102.09 7.09 0.10	65.99 4.39 5.64
HOLTSVILLE_IC_7 23696	52.15 2.28 0.00	45.19 2.37 0.00	39.19 2.27 0.00	34.11 2.21 0.00	35.27 2.19 0.00	33.85 2.08 0.00	46.62 2.40 0.00	57.47 2.71 0.00	57.31 3.24 0.00	66.79 4.08 0.00	77.31 6.50 -0.32	83.16 8.13 -1.92	115.83 10.01 -23.12	253.79 13.40 -132.03	253.98 16.04 -89.36	259.30 23.10 -12.57	298.18 27.16 -16.84	625.17 60.87 -0.57	897.09 92.75 -66.33	1087.28 101.36 5.23	581.16 42.63 0.06	339.95 26.83 4.32	102.09 7.09 0.10	65.99 4.39 5.64
HOLTSVILLE_IC_8 23697	52.15 2.28 0.00	45.19 2.37 0.00	39.19 2.27 0.00	34.11 2.21 0.00	35.27 2.19 0.00	33.85 2.08 0.00	46.62 2.40 0.00	57.47 2.71 0.00	57.31 3.24 0.00	66.79 4.08 0.00	77.31 6.50 -0.32	83.16 8.13 -1.92	115.83 10.01 -23.12	253.79 13.40 -132.03	253.98 16.04 -89.36	259.30 23.10 -12.57	298.18 27.16 -16.84	625.17 60.87 -0.57	897.09 92.75 -66.33	1087.28 101.36 5.23	581.16 42.63 0.06	339.95 26.83 4.32	102.09 7.09 0.10	65.99 4.39 5.64
HOLTSVILLE_IC_9 23698	52.15 2.28 0.00	45.19 2.37 0.00	39.19 2.27 0.00	34.11 2.21 0.00	35.27 2.19 0.00	33.85 2.08 0.00	46.62 2.40 0.00	57.47 2.71 0.00	57.31 3.24 0.00	66.79 4.08 0.00	77.31 6.50 -0.32	83.16 8.13 -1.92	115.83 10.01 -23.12	253.79 13.40 -132.03	253.98 16.04 -89.36	259.30 23.10 -12.57	298.18 27.16 -16.84	625.17 60.87 -0.57	897.09 92.75 -66.33	1087.28 101.36 5.23	581.16 42.63 0.06	339.95 26.83 4.32	102.09 7.09 0.10	65.99 4.39 5.64
HOMER_HL_115KV_TB2 355744	50.43 0.56 0.00	42.88 0.06 0.00	36.23 -0.68 0.00	31.23 -0.66 0.00	32.43 -0.66 0.00	31.06 -0.71 0.00	43.56 -0.66 0.00	54.07 -0.69 0.00	53.93 -0.14 0.00	62.42 -0.28 0.00	70.50 0.02 0.00	74.27 1.17 0.00	84.75 2.06 0.00	111.27 2.90 0.00	151.47 2.89 0.00	227.61 3.99 0.00	255.31 1.85 0.73	567.83 4.49 0.38	725.87 -12.59 -0.44	972.67 -18.21 0.27	538.33 -0.26 0.00	313.97 -3.46 0.00	93.70 -1.39 0.00	66.19 -1.05 0.00
HOWARD_WT_PWR 323690	50.37 0.50 0.00	42.68 -0.15 0.00	36.03 -0.88 0.00	30.96 -0.93 0.00	31.77 -1.31 0.00	30.52 -1.25 0.00	43.20 -1.02 0.00	54.08 -0.68 -0.01	53.74 -0.34 0.00	62.13 -0.60 -0.02	69.42 -1.06 0.00	73.33 0.22 0.00	83.87 1.18 0.00	109.80 1.44 0.00	149.96 1.37 0.00	224.49 0.86 -0.01	265.47 -1.01 -12.30	572.01 1.74 -6.55	756.44 -3.09 -21.52	1004.35 6.99 -6.21	548.76 10.18 0.00	316.41 -1.02 0.00	94.01 -1.09 0.00	66.21 -1.04 0.00
HQ_GEN_CEDARS 23644	49.98 0.11 0.00	42.94 0.12 0.00	37.04 0.12 0.00	32.01 0.12 0.00	33.13 0.04 0.00	31.87 0.10 0.00	44.38 0.16 0.00	54.97 0.20 0.00	53.84 -0.24 0.00	62.00 -0.70 0.00	68.91 -1.57 0.00	12.92 -3.88 56.30	-139.94 -5.13 217.50	-64.04 -7.35 165.05	-2.89 -9.81 141.66	63.71 -14.09 145.83	-14.76 -14.71 254.23	147.95 -34.70 381.08	181.22 -40.58 516.22	851.38 -51.69 88.08	512.33 -26.26 0.00	292.48 -13.16 11.79	9.23 -4.18 81.69	65.84 -1.41 0.00
HQ_GEN_CEDARS_PROXY 323590	49.98 0.11 0.00	42.94 0.12 0.00	37.04 0.13 0.00	32.01 0.12 0.00	33.13 0.04 0.00	31.87 0.10 0.00	42.18 0.16 2.20	54.97 0.20 0.00	53.84 -0.24 0.00	62.01 -0.70 0.00	68.91 -1.57 0.00	-3.12 -3.88 72.34	-139.94 -5.13 217.50	-64.04 -7.35 165.05	-2.91 -9.82 141.66	51.94 -14.09 157.60	-14.80 -14.74 254.23	97.49 -34.65 431.58	11.21 -40.52 686.28	621.04 -51.70 318.41	274.43 -26.25 237.91	292.48 -13.16 11.79	9.24 -4.16 81.69	65.84 -1.41 0.00

HQ_GEN_IMPORT 323601	46.60 -0.21 3.06	42.71 -0.11 0.00	36.83 -0.08 0.00	31.81 -0.08 0.00	32.98 -0.11 0.00	31.70 -0.07 0.00	43.69 -0.12 0.42	55.65 -0.06 -0.95	53.75 -0.32 0.00	62.08 -0.63 0.00	69.18 -1.31 0.00	71.74 -2.09 -0.73	87.94 -2.67 -7.92	109.12 -3.83 -4.58	102.71 -5.35 40.52	174.50 -7.74 41.38	172.67 -8.69 72.81	429.24 -19.28 115.20	456.28 -23.15 258.58	934.80 -30.97 25.37	521.85 -16.73 0.00	305.14 -9.24 3.05	69.18 -2.41 23.51	66.10 -1.14 0.00
HQ_GEN_WHEEL 23651	46.60 -0.21 3.06	42.71 -0.11 0.00	36.83 -0.08 0.00	31.81 -0.08 0.00	32.98 -0.11 0.00	31.70 -0.07 0.00	43.69 -0.12 0.42	55.65 -0.06 -0.95	53.75 -0.32 0.00	62.08 -0.63 0.00	69.18 -1.31 0.00	71.74 -2.09 -0.73	87.94 -2.67 -7.92	109.12 -3.83 -4.58	102.71 -5.35 40.52	174.50 -7.74 41.38	172.67 -8.69 72.81	429.24 -19.28 115.20	456.28 -23.15 258.58	934.80 -30.97 25.37	521.85 -16.73 0.00	305.14 -9.24 3.05	69.18 -2.41 23.51	66.10 -1.14 0.00
HUDSON AVE_GT_3 23810	52.65 2.78 0.00	45.34 2.52 0.00	39.22 2.31 0.00	34.03 2.13 0.00	35.24 2.16 0.00	33.83 2.07 0.00	47.05 2.84 0.00	58.10 3.34 0.00	57.78 3.70 0.00	67.31 4.61 0.00	76.63 6.14 0.00	80.51 7.40 0.00	91.60 8.90 0.00	121.20 12.83 0.00	166.78 18.19 0.00	251.60 27.98 0.00	285.49 31.31 0.00	634.48 70.76 0.00	833.32 87.29 -8.02	1091.16 100.01 0.00	587.44 48.85 0.00	347.21 29.78 0.00	103.67 8.57 0.00	72.36 5.11 0.00
HUDSON AVE_GT_4 23540	52.65 2.78 0.00	45.34 2.52 0.00	39.22 2.31 0.00	34.03 2.13 0.00	35.24 2.16 0.00	33.83 2.07 0.00	47.05 2.84 0.00	58.10 3.34 0.00	57.78 3.70 0.00	67.31 4.61 0.00	76.63 6.14 0.00	80.51 7.40 0.00	91.60 8.90 0.00	121.20 12.83 0.00	166.78 18.19 0.00	251.60 27.98 0.00	285.49 31.31 0.00	634.48 70.76 0.00	833.32 87.29 -8.02	1091.16 100.01 0.00	587.44 48.85 0.00	347.21 29.78 0.00	103.67 8.57 0.00	72.36 5.11 0.00
HUDSON AVE_GT_5 23657	52.65 2.78 0.00	45.34 2.52 0.00	39.22 2.31 0.00	34.03 2.13 0.00	35.24 2.16 0.00	33.83 2.07 0.00	47.05 2.84 0.00	58.10 3.34 0.00	57.78 3.70 0.00	67.31 4.61 0.00	76.63 6.14 0.00	80.51 7.40 0.00	91.60 8.90 0.00	121.20 12.83 0.00	166.78 18.19 0.00	251.60 27.98 0.00	285.49 31.31 0.00	634.48 70.76 0.00	833.32 87.29 -8.02	1091.16 100.01 0.00	587.44 48.85 0.00	347.21 29.78 0.00	103.67 8.57 0.00	72.36 5.11 0.00
HUDSON_AVE_10 24168	52.68 2.81 0.00	45.34 2.51 0.00	39.22 2.31 0.00	34.01 2.12 0.00	35.22 2.14 0.00	33.82 2.05 0.00	47.02 2.80 0.00	58.07 3.31 0.00	57.74 3.67 0.00	67.29 4.58 0.00	76.62 6.13 0.00	80.48 7.38 0.00	91.53 8.84 0.00	121.62 12.39 -0.86	166.38 17.64 -0.16	251.55 27.15 -0.77	284.51 30.34 0.00	632.46 68.74 0.00	832.99 84.54 -10.44	1090.91 96.74 -3.02	585.76 47.14 -0.03	348.65 28.73 -2.49	103.34 8.25 0.00	72.09 4.84 0.00
HUDSON___115KV_TB 4 355613	51.43 1.56 0.00	44.13 1.31 0.00	38.20 1.29 0.00	33.04 1.15 0.00	34.26 1.18 0.00	32.79 1.02 0.00	45.50 1.28 0.00	56.15 1.39 0.00	55.03 0.95 0.00	63.62 0.91 0.00	72.01 1.52 0.00	75.01 1.91 0.00	84.87 2.18 0.00	111.61 3.25 0.00	154.45 5.87 0.00	232.29 8.67 0.00	263.97 9.79 0.00	589.49 25.76 0.00	795.00 38.97 -18.02	1042.66 51.52 0.00	566.28 27.69 0.00	334.11 16.68 0.00	99.65 4.55 0.00	70.10 2.86 0.00
HUNTER MOUNT___DRP 323613	51.81 1.95 0.00	44.43 1.61 0.00	38.44 1.52 0.00	33.24 1.34 0.00	34.45 1.37 0.00	32.97 1.20 0.00	45.74 1.52 0.00	56.47 1.71 0.00	55.35 1.28 0.00	63.99 1.28 0.00	72.38 1.90 0.00	75.46 2.36 0.00	85.36 2.67 0.00	112.05 3.68 0.00	155.25 6.67 0.00	233.58 9.96 0.00	264.97 10.79 0.00	591.46 27.74 0.00	795.71 41.48 -16.22	1046.81 55.66 0.00	568.72 30.14 0.00	335.24 17.81 0.00	99.94 4.85 0.00	70.29 3.04 0.00
HUNTINGTON_RES_REC 323705	51.86 1.99 0.00	45.08 2.26 0.00	39.14 2.23 0.00	34.04 2.15 0.00	35.21 2.13 0.00	33.75 1.97 0.00	46.48 2.26 0.00	57.21 2.45 0.00	56.94 2.86 0.00	66.29 3.58 0.00	76.72 5.91 -0.32	83.81 7.50 -3.21	152.40 9.40 -60.30	617.26 13.01 -495.89	592.01 16.23 -427.20	293.91 24.26 -46.02	365.25 28.29 -82.78	628.98 63.81 -1.45	1016.02 92.00 -186.00	1086.25 100.32 5.21	580.62 42.41 0.37	338.85 25.73 4.32	101.72 6.72 0.10	65.70 4.09 5.64
HUNTLEY___63 23557	50.37 0.51 0.00	42.45 -0.37 0.00	35.63 -1.29 0.00	30.66 -1.24 0.00	31.79 -1.29 0.00	30.64 -1.13 0.00	43.16 -1.06 0.00	53.95 -0.81 0.00	53.71 -0.36 0.00	62.67 -0.04 0.00	70.58 0.09 0.00	74.53 1.43 0.00	85.09 2.40 0.00	111.24 2.87 0.00	150.15 1.57 0.00	224.24 0.62 0.00	249.13 -1.73 3.32	554.92 -7.02 1.78	702.22 -31.79 3.99	950.16 -39.73 1.26	529.83 -8.75 0.00	308.50 -8.93 0.00	92.31 -2.79 0.00	65.47 -1.78 0.00
HUNTLEY___64 23558	50.37 0.51 0.00	42.45 -0.37 0.00	35.63 -1.29 0.00	30.66 -1.24 0.00	31.79 -1.29 0.00	30.64 -1.13 0.00	43.16 -1.06 0.00	53.95 -0.81 0.00	53.71 -0.36 0.00	62.67 -0.04 0.00	70.58 0.09 0.00	74.53 1.43 0.00	85.09 2.40 0.00	111.24 2.87 0.00	150.15 1.57 0.00	224.24 0.62 0.00	249.13 -1.73 3.32	554.92 -7.02 1.78	702.22 -31.79 3.99	950.16 -39.73 1.26	529.83 -8.75 0.00	308.50 -8.93 0.00	92.31 -2.79 0.00	65.47 -1.78 0.00
HUNTLEY___65 23559	50.37 0.51 0.00	42.45 -0.37 0.00	35.63 -1.29 0.00	30.66 -1.24 0.00	31.79 -1.29 0.00	30.64 -1.13 0.00	43.16 -1.06 0.00	53.95 -0.81 0.00	53.71 -0.36 0.00	62.67 -0.04 0.00	70.58 0.09 0.00	74.53 1.43 0.00	85.09 2.40 0.00	111.24 2.87 0.00	150.15 1.57 0.00	224.24 0.62 0.00	249.13 -1.73 3.32	554.92 -7.02 1.78	702.22 -31.79 3.99	950.16 -39.73 1.26	529.83 -8.75 0.00	308.50 -8.93 0.00	92.31 -2.79 0.00	65.47 -1.78 0.00
HUNTLEY___66 23560	50.37 0.51 0.00	42.45 -0.37 0.00	35.63 -1.29 0.00	30.66 -1.24 0.00	31.79 -1.29 0.00	30.64 -1.13 0.00	43.16 -1.06 0.00	53.95 -0.81 0.00	53.71 -0.36 0.00	62.67 -0.04 0.00	70.58 0.09 0.00	74.53 1.43 0.00	85.09 2.40 0.00	111.24 2.87 0.00	150.15 1.57 0.00	224.24 0.62 0.00	249.13 -1.73 3.32	554.92 -7.02 1.78	702.22 -31.79 3.99	950.16 -39.73 1.26	529.83 -8.75 0.00	308.50 -8.93 0.00	92.31 -2.79 0.00	65.47 -1.78 0.00
HUNTLEY___67 23561	50.33 0.46 0.00	42.45 -0.38 0.00	35.66 -1.25 0.00	30.69 -1.20 0.00	31.80 -1.28 0.00	30.62 -1.15 0.00	43.13 -1.09 0.00	53.87 -0.89 0.00	53.64 -0.43 0.00	62.49 -0.21 0.00	70.50 0.02 0.00	74.42 1.32 0.00	84.90 2.21 0.00	111.02 2.65 0.00	150.12 1.54 0.00	224.28 0.66 0.00	249.27 -1.59 3.32	556.00 -5.96 1.76	704.50 -29.60 3.91	951.92 -37.99 1.24	530.19 -8.39 0.00	309.08 -8.35 0.00	92.39 -2.70 0.00	65.44 -1.81 0.00
HUNTLEY___68 23562	50.33 0.46 0.00	42.45 -0.38 0.00	35.66 -1.25 0.00	30.69 -1.20 0.00	31.80 -1.28 0.00	30.62 -1.15 0.00	43.13 -1.09 0.00	53.87 -0.89 0.00	53.64 -0.43 0.00	62.49 -0.21 0.00	70.50 0.02 0.00	74.42 1.32 0.00	84.90 2.21 0.00	111.02 2.65 0.00	150.12 1.54 0.00	224.28 0.66 0.00	249.27 -1.59 3.32	556.00 -5.96 1.76	704.50 -29.60 3.91	951.92 -37.99 1.24	530.19 -8.39 0.00	309.08 -8.35 0.00	92.39 -2.70 0.00	65.44 -1.81 0.00



HYLAND___LFGE 323620	52.27 2.41 0.00	44.26 1.44 0.00	37.38 0.46 0.00	32.16 0.27 0.00	33.27 0.19 0.00	32.04 0.27 0.00	45.22 1.00 0.00	55.92 1.16 0.00	54.33 0.26 0.00	62.62 -0.08 0.00	69.20 -1.28 0.00	70.87 -2.24 0.00	78.16 -4.54 0.00	102.36 -6.00 0.00	139.74 -8.84 0.00	214.98 -8.66 -0.01	254.62 -13.23 -13.67	541.46 -29.54 -7.27	702.42 -58.69 -23.09	949.83 -46.45 -5.13	545.26 6.67 0.00	309.49 -7.94 0.00	93.57 -1.53 0.00	70.99 3.74 0.00
INDECK___CORINTH 23802	52.24 2.38 0.00	44.58 1.76 0.00	38.47 1.56 0.00	33.24 1.34 0.00	34.52 1.43 0.00	33.18 1.41 0.00	46.05 1.83 0.00	56.94 2.18 0.00	56.20 2.12 0.00	65.08 2.37 0.00	73.40 2.91 0.00	76.88 3.78 0.00	86.86 4.17 0.00	114.15 5.78 0.00	158.10 9.52 0.00	237.39 13.77 0.00	269.97 15.79 0.00	604.12 40.40 0.00	836.45 65.19 -33.25	1073.85 82.70 0.00	583.40 44.81 0.00	341.21 23.78 0.00	101.65 6.56 0.00	71.06 3.81 0.00
INDECK___ILION 23567	50.41 0.54 0.00	43.31 0.49 0.00	37.39 0.48 0.00	32.36 0.46 0.00	33.61 0.52 0.00	32.24 0.47 0.00	44.77 0.55 0.00	55.12 0.36 0.00	54.23 0.15 0.00	62.87 0.16 0.00	71.12 0.63 0.00	73.37 1.09 0.82	80.92 1.40 3.18	108.85 2.02 1.54	167.70 3.25 -15.87	248.69 4.70 -20.36	287.27 5.72 -27.36	629.45 16.08 -49.65	822.07 26.69 -57.38	1033.97 35.01 -7.81	556.97 18.38 0.00	333.26 10.54 -5.29	106.11 3.00 -8.01	68.89 1.65 0.00
INDECK___OLEAN 23982	50.43 0.56 0.00	42.88 0.06 0.00	36.23 -0.68 0.00	31.22 -0.67 0.00	32.43 -0.66 0.00	31.06 -0.71 0.00	43.56 -0.66 0.00	54.07 -0.70 0.00	53.94 -0.14 0.00	62.42 -0.28 0.00	70.50 0.01 0.00	74.26 1.16 0.00	84.74 2.05 0.00	111.26 2.90 0.00	151.47 2.89 0.00	227.60 3.97 0.00	255.31 1.85 0.73	567.48 4.14 0.38	725.75 -12.70 -0.44	972.48 -18.40 0.27	538.08 -0.51 0.00	313.93 -3.50 0.00	93.71 -1.39 0.00	66.19 -1.05 0.00
INDECK___OSWEGO 23783	48.62 -1.25 0.00	41.61 -1.21 0.00	35.74 -1.17 0.00	30.87 -1.02 0.00	32.04 -1.05 0.00	30.79 -0.98 0.00	42.97 -1.25 0.00	53.29 -1.54 -0.07	52.63 -1.44 0.00	61.18 -1.68 -0.16	68.73 -1.75 0.00	69.89 -1.54 1.68	74.60 -1.60 6.49	100.72 -2.03 5.62	136.94 -3.06 8.58	205.34 -4.66 13.62	234.82 -5.29 14.07	518.26 -14.11 31.35	688.46 -21.08 28.48	988.41 -15.09 -12.35	532.44 -6.15 0.00	307.25 -4.74 5.44	89.64 -1.86 3.59	65.59 -1.66 0.00
INDECK___YERKES 23781	50.34 0.47 0.00	42.44 -0.39 0.00	35.61 -1.30 0.00	30.64 -1.25 0.00	31.78 -1.31 0.00	30.63 -1.14 0.00	43.14 -1.08 0.00	53.94 -0.82 0.00	53.70 -0.37 0.00	62.67 -0.04 0.00	70.56 0.08 0.00	74.49 1.39 0.00	85.08 2.38 0.00	111.20 2.83 0.00	150.15 1.57 0.00	224.20 0.57 0.00	249.08 -1.78 3.32	554.27 -7.67 1.78	701.65 -32.37 3.99	949.83 -40.06 1.26	529.53 -9.06 0.00	308.30 -9.14 0.00	92.27 -2.82 0.00	65.46 -1.79 0.00
INDIAN POINT_GT_1 24139	52.33 2.46 0.00	45.01 2.19 0.00	38.93 2.02 0.00	33.74 1.85 0.00	34.96 1.88 0.00	33.54 1.77 0.00	46.64 2.42 0.00	57.65 2.89 0.00	57.24 3.17 0.00	66.69 3.99 0.00	75.95 5.47 0.00	79.70 6.60 0.00	90.62 7.93 0.00	119.50 11.14 0.00	164.44 15.86 0.00	247.91 24.29 0.00	281.68 27.51 0.00	626.41 62.69 0.00	824.44 78.50 -7.94	1081.31 90.16 0.00	583.03 44.44 0.00	344.04 26.61 0.00	102.59 7.49 0.00	71.65 4.41 0.00
INDIAN POINT_GT_2 23659	52.33 2.46 0.00	45.01 2.19 0.00	38.93 2.02 0.00	33.74 1.85 0.00	34.96 1.88 0.00	33.54 1.77 0.00	46.64 2.42 0.00	57.65 2.89 0.00	57.24 3.17 0.00	66.69 3.99 0.00	75.95 5.47 0.00	79.70 6.60 0.00	90.62 7.93 0.00	119.50 11.14 0.00	164.44 15.86 0.00	247.91 24.29 0.00	281.68 27.51 0.00	626.41 62.69 0.00	824.44 78.50 -7.94	1081.31 90.16 0.00	583.03 44.44 0.00	344.04 26.61 0.00	102.59 7.49 0.00	71.65 4.41 0.00
INDIAN POINT_GT_3 24019	52.33 2.46 0.00	45.01 2.19 0.00	38.93 2.02 0.00	33.74 1.85 0.00	34.96 1.88 0.00	33.54 1.77 0.00	46.64 2.42 0.00	57.65 2.89 0.00	57.24 3.17 0.00	66.69 3.99 0.00	75.95 5.47 0.00	79.70 6.60 0.00	90.62 7.93 0.00	119.50 11.14 0.00	164.44 15.86 0.00	247.91 24.29 0.00	281.68 27.51 0.00	626.41 62.69 0.00	824.44 78.50 -7.94	1081.31 90.16 0.00	583.03 44.44 0.00	344.04 26.61 0.00	102.59 7.49 0.00	71.65 4.41 0.00
INDIAN POINT___2 23530	52.26 2.39 0.00	44.95 2.13 0.00	38.89 1.98 0.00	33.71 1.81 0.00	34.91 1.83 0.00	33.50 1.73 0.00	46.59 2.37 0.00	57.60 2.84 0.00	57.17 3.09 0.00	66.62 3.92 0.00	75.86 5.37 0.00	79.59 6.48 0.00	90.49 7.80 0.00	119.36 10.99 0.00	164.21 15.62 0.00	247.58 23.96 0.00	281.31 27.14 0.00	625.61 61.89 0.00	823.15 77.31 -7.83	1079.55 88.41 0.00	582.20 43.61 0.00	343.62 26.19 0.00	102.40 7.31 0.00	71.54 4.29 0.00
INDIAN POINT___3 23531	52.23 2.37 0.00	44.93 2.11 0.00	38.86 1.95 0.00	33.68 1.79 0.00	34.90 1.82 0.00	33.48 1.71 0.00	46.56 2.34 0.00	57.55 2.78 0.00	57.12 3.05 0.00	66.56 3.85 0.00	75.78 5.30 0.00	79.51 6.40 0.00	90.38 7.69 0.00	119.19 10.82 0.00	164.00 15.42 0.00	247.32 23.69 0.00	280.94 26.76 0.00	624.73 61.00 0.00	822.40 76.45 -7.94	1078.42 87.27 0.00	581.57 42.98 0.00	343.33 25.90 0.00	102.36 7.26 0.00	71.51 4.26 0.00
INGHAM_C_115KV_TB7 356103	50.72 0.85 0.00	43.64 0.82 0.00	37.75 0.83 0.00	32.69 0.80 0.00	34.00 0.91 0.00	32.59 0.83 0.00	45.13 0.91 0.00	55.14 0.38 0.00	53.88 -0.19 0.00	62.33 -0.38 0.00	70.85 0.36 0.00	73.47 1.19 0.82	81.17 1.66 3.18	109.47 2.64 1.54	169.03 4.58 -15.87	250.60 6.61 -20.36	289.67 8.13 -27.36	638.96 25.58 -49.65	842.45 47.06 -57.38	1061.17 62.21 -7.81	571.58 33.00 0.00	342.05 19.33 -5.29	108.70 5.59 -8.01	70.39 3.14 0.00
IP CORINTH___1 23988	52.53 2.67 0.00	44.83 2.01 0.00	38.68 1.77 0.00	33.42 1.53 0.00	34.70 1.62 0.00	33.36 1.59 0.00	46.31 2.09 0.00	57.26 2.49 0.00	56.51 2.44 0.00	65.44 2.73 0.00	73.82 3.34 0.00	77.31 4.20 0.00	87.34 4.64 0.00	114.80 6.44 0.00	158.98 10.40 0.00	238.69 15.07 0.00	271.39 17.21 0.00	607.27 43.55 0.00	840.62 69.36 -33.25	1079.15 88.00 0.00	586.40 47.82 0.00	342.90 25.46 0.00	102.20 7.11 0.00	71.42 4.17 0.00
IP___TICONDEROGA 23804	56.31 6.45 0.00	47.33 4.51 0.00	40.80 3.89 0.00	35.23 3.33 0.00	36.61 3.53 0.00	35.32 3.55 0.00	48.69 4.48 0.00	59.83 5.07 0.00	58.90 4.83 0.00	68.40 5.69 0.00	77.81 7.33 0.00	81.55 8.45 0.00	91.63 8.93 0.00	121.28 12.91 0.00	169.85 21.27 0.00	254.08 30.45 0.00	284.60 30.42 0.00	636.17 72.45 0.00	881.57 110.56 -33.00	1136.34 145.19 0.00	616.61 78.02 0.00	358.15 40.72 0.00	106.83 11.74 0.00	73.92 6.67 0.00
ISLIP_RES_REC 323679	52.48 2.61 0.00	45.46 2.63 0.00	39.39 2.48 0.00	34.28 2.39 0.00	35.45 2.37 0.00	34.02 2.26 0.00	46.86 2.64 0.00	57.86 3.10 0.00	57.78 3.71 0.00	67.39 4.69 0.00	78.11 7.26 -0.36	84.06 8.93 -2.02	115.91 10.95 -22.27	245.79 14.69 -122.73	247.15 17.82 -80.75	261.25 25.93 -11.70	299.78 30.45 -15.15	632.22 68.01 -0.49	900.92 101.64 -61.26	1099.08 113.11 5.18	587.10 48.57 0.06	343.07 29.92 4.28	102.87 7.86 0.09	66.76 4.88 5.37

JAMAICA__27_KV_LOAD 355505	53.15 3.29 0.00	45.73 2.91 0.00	39.53 2.62 0.00	34.24 2.35 0.00	35.43 2.35 0.00	34.01 2.24 0.00	47.25 3.03 0.00	58.37 3.61 0.00	58.03 3.96 0.00	67.61 4.90 0.00	77.00 6.51 0.00	80.85 7.75 0.00	92.01 9.32 0.00	122.71 13.26 -1.08	167.62 18.84 -0.20	253.88 29.30 -0.96	286.74 32.56 0.00	637.93 74.21 0.00	840.69 91.63 -11.05	1102.59 107.66 -3.78	591.91 53.27 -0.04	352.92 32.36 -3.12	104.30 9.20 0.00	72.69 5.44 0.00
JANIS__SOLAR 323808	52.60 2.73 0.00	44.85 2.03 0.00	38.39 1.48 0.00	33.22 1.32 0.00	34.54 1.46 0.00	33.24 1.47 0.00	46.49 2.27 0.00	57.43 2.65 -0.01	56.39 2.31 0.00	65.02 2.28 -0.03	73.22 2.73 0.00	76.44 3.33 0.00	86.81 4.11 0.00	113.60 5.24 0.00	155.11 6.52 0.00	233.77 10.14 0.00	267.50 12.41 -0.92	593.72 29.51 -0.49	785.79 42.98 -4.80	1069.73 75.15 -3.42	584.48 45.89 0.00	341.55 24.12 0.00	101.43 6.34 0.00	71.00 3.75 0.00
JARVIS____ 23743	50.03 0.17 0.00	42.96 0.13 0.00	37.07 0.16 0.00	32.02 0.13 0.00	33.25 0.16 0.00	31.92 0.14 0.00	44.40 0.18 0.00	54.93 0.17 0.00	54.28 0.21 0.00	62.97 0.26 0.00	70.99 0.50 0.00	73.01 0.73 0.82	80.37 0.86 3.18	108.04 1.22 1.54	166.33 1.88 -15.87	246.57 2.58 -20.36	284.51 2.96 -27.36	620.49 7.11 -49.65	804.96 9.57 -57.38	1011.06 12.10 -7.81	544.57 5.98 0.00	326.13 3.41 -5.29	104.04 0.93 -8.01	67.74 0.49 0.00
JENNISON____1 23625	52.12 2.25 0.00	44.52 1.70 0.00	38.13 1.22 0.00	33.18 1.29 0.00	34.56 1.48 0.00	33.27 1.50 0.00	46.39 2.17 0.00	57.54 2.77 -0.01	57.04 2.96 0.00	66.13 3.39 -0.02	74.55 4.06 0.00	77.90 4.80 0.00	88.70 6.01 0.00	116.05 7.69 0.00	158.58 10.00 0.00	238.78 15.16 0.00	271.78 17.60 0.00	604.55 40.82 0.00	796.00 53.35 -4.64	1071.29 77.93 -2.21	581.00 42.41 0.00	338.43 21.00 0.00	100.51 5.41 0.00	70.42 3.18 0.00
JENNISON____2 23626	52.12 2.25 0.00	44.52 1.70 0.00	38.13 1.22 0.00	33.18 1.29 0.00	34.56 1.48 0.00	33.27 1.50 0.00	46.39 2.17 0.00	57.54 2.77 -0.01	57.04 2.96 0.00	66.13 3.39 -0.02	74.55 4.06 0.00	77.90 4.80 0.00	88.70 6.01 0.00	116.05 7.69 0.00	158.58 10.00 0.00	238.78 15.16 0.00	271.78 17.60 0.00	604.55 40.82 0.00	796.00 53.35 -4.64	1071.29 77.93 -2.21	581.00 42.41 0.00	338.43 21.00 0.00	100.51 5.41 0.00	70.42 3.18 0.00
JERICOHO_RISE_WT_PWR 323719	50.20 0.33 0.00	43.00 0.17 0.00	37.05 0.14 0.00	32.03 0.14 0.00	33.23 0.15 0.00	31.90 0.13 0.00	44.28 0.06 0.00	54.99 0.23 0.00	53.90 -0.18 0.00	62.05 -0.66 0.00	68.78 -1.71 0.00	66.30 -3.09 3.71	64.06 -4.30 14.34	89.25 -6.09 13.02	-1.79 -8.90 141.47	67.33 -14.24 142.06	-16.43 -15.73 254.88	155.60 -33.75 374.37	182.17 -39.91 515.93	848.38 -52.99 89.78	509.95 -28.64 0.00	292.81 -16.37 8.26	7.78 -4.72 82.59	64.25 -3.00 0.00
KATONAH__115KV_46KV_TB4 355592	52.85 2.98 0.00	45.41 2.59 0.00	39.26 2.35 0.00	34.00 2.11 0.00	35.23 2.15 0.00	33.81 2.03 0.00	47.03 2.81 0.00	58.20 3.43 0.00	57.83 3.75 0.00	67.47 4.76 0.00	76.91 6.42 0.00	80.80 7.70 0.00	91.97 9.27 0.00	121.33 12.96 0.00	167.03 18.45 0.00	251.90 28.27 0.00	286.22 32.05 0.00	636.47 72.74 0.00	837.97 91.83 -8.13	1098.92 107.77 0.00	591.74 53.15 0.00	349.03 31.60 0.00	103.93 8.83 0.00	72.52 5.27 0.00
KCE_NY_1 323755	52.38 2.51 0.00	44.92 2.10 0.00	38.71 1.79 0.00	33.42 1.53 0.00	34.75 1.67 0.00	33.38 1.61 0.00	46.36 2.14 0.00	57.33 2.57 0.00	56.48 2.41 0.00	65.52 2.81 0.00	74.07 3.58 0.00	77.41 4.30 0.00	87.53 4.84 0.00	115.00 6.64 0.00	158.77 10.19 0.00	238.45 14.82 0.00	271.12 16.94 0.00	606.08 42.35 0.00	832.54 61.88 -32.65	1070.49 79.34 0.00	580.81 42.23 0.00	341.58 24.15 0.00	101.82 6.72 0.00	71.41 4.16 0.00
KCE_NY_6_ESR 323823	50.83 0.97 0.00	42.87 0.05 0.00	36.04 -0.87 0.00	31.00 -0.89 0.00	32.13 -0.95 0.00	30.90 -0.87 0.00	43.54 -0.68 0.00	54.44 -0.32 0.00	54.28 0.20 0.00	63.15 0.44 0.00	71.23 0.75 0.00	75.20 2.10 0.00	85.85 3.15 0.00	112.30 3.93 0.00	151.99 3.41 0.00	227.18 3.56 0.00	252.20 1.95 3.92	563.70 2.06 2.09	715.43 -17.77 4.81	968.49 -21.18 1.47	538.56 -0.03 0.00	313.77 -3.66 0.00	93.70 -1.40 0.00	66.25 -0.99 0.00
KEDC_PORT_JEFF_GT2 24210	52.00 2.14 0.00	45.10 2.28 0.00	39.10 2.19 0.00	34.03 2.14 0.00	35.20 2.12 0.00	33.77 1.99 0.00	46.49 2.27 0.00	57.25 2.49 0.00	56.91 2.84 0.00	66.24 3.54 0.00	76.52 5.73 -0.30	82.33 7.29 -1.93	117.32 9.08 -25.54	276.93 12.32 -156.25	275.32 14.90 -111.84	260.51 22.02 -14.86	301.34 25.93 -21.23	622.51 58.14 -0.64	901.17 88.68 -74.48	1081.73 95.83 5.25	578.16 39.63 0.06	336.75 23.66 4.34	101.12 6.12 0.10	65.53 4.08 5.80
KEDC_PORT_JEFF_GT3 24211	52.00 2.14 0.00	45.10 2.28 0.00	39.10 2.19 0.00	34.03 2.14 0.00	35.20 2.12 0.00	33.77 1.99 0.00	46.49 2.27 0.00	57.25 2.49 0.00	56.91 2.84 0.00	66.24 3.54 0.00	76.52 5.73 -0.30	82.33 7.29 -1.93	117.32 9.08 -25.54	276.93 12.32 -156.25	275.32 14.90 -111.84	260.51 22.02 -14.86	301.34 25.93 -21.23	622.51 58.14 -0.64	901.17 88.68 -74.48	1081.73 95.83 5.25	578.16 39.63 0.06	336.75 23.66 4.34	101.12 6.12 0.10	65.53 4.08 5.80
KEDC_GLWD_GT4 24219	52.78 2.92 0.00	45.55 2.73 0.00	39.42 2.51 0.00	34.20 2.30 0.00	35.40 2.32 0.00	33.96 2.19 0.00	47.10 2.88 0.00	58.19 3.43 0.00	57.78 3.71 0.00	67.18 4.47 -2.84	79.66 6.34 -9.91	90.74 7.72 -20.45	112.45 9.30 -45.38	166.72 12.97 -11.18	177.60 17.83 -4.98	255.85 27.24 -1.28	286.65 31.19 -1.28	634.14 70.20 -0.22	845.90 92.11 -15.78	1094.56 105.30 1.88	588.29 49.73 0.03	345.58 30.01 1.86	103.66 8.37 -0.19	83.60 5.09 -11.27
KEDC_GLWD_GT5 24220	52.78 2.92 0.00	45.55 2.73 0.00	39.42 2.51 0.00	34.20 2.30 0.00	35.40 2.32 0.00	33.96 2.19 0.00	47.10 2.88 0.00	58.19 3.43 0.00	57.78 3.71 0.00	67.18 4.47 -2.84	79.66 6.34 -9.91	90.74 7.72 -20.45	112.45 9.30 -45.38	166.72 12.97 -11.18	177.60 17.83 -4.98	255.85 27.24 -1.28	286.65 31.19 -1.28	634.14 70.20 -0.22	845.90 92.11 -15.78	1094.56 105.30 1.88	588.29 49.73 0.03	345.58 30.01 1.86	103.66 8.37 -0.19	83.60 5.09 -11.27
KENSICO____ 23655	52.44 2.57 0.00	45.12 2.30 0.00	39.04 2.13 0.00	33.84 1.94 0.00	35.05 1.97 0.00	33.64 1.87 0.00	46.76 2.55 0.00	57.80 3.04 0.00	57.41 3.34 0.00	66.88 4.17 0.00	76.18 5.69 0.00	79.95 6.85 0.00	90.90 8.21 0.00	119.92 11.56 0.00	164.92 16.34 0.00	248.67 25.05 0.00	282.48 28.30 0.00	628.10 64.38 0.00	826.49 80.48 -8.00	1083.57 92.42 0.00	583.86 45.28 0.00	344.70 27.27 0.00	102.84 7.74 0.00	71.83 4.58 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	52.84 2.97 0.00	45.36 2.54 0.00	39.17 2.26 0.00	33.92 2.02 0.00	35.16 2.08 0.00	33.73 1.96 0.00	46.99 2.77 0.00	58.23 3.47 0.00	57.79 3.71 0.00	67.20 4.50 0.00	76.31 5.83 0.00	79.43 6.33 0.00	90.35 7.65 0.00	119.00 10.63 0.00	163.61 15.03 0.00	247.11 23.49 0.00	281.92 27.75 0.00	632.26 68.54 0.00	834.00 87.62 -8.37	1096.66 105.51 0.00	591.68 53.09 0.00	348.51 31.08 0.00	103.62 8.53 0.00	72.27 5.03 0.00

KIAC_JFK_GT1 23816	52.60 2.73 0.00	45.26 2.44 0.00	39.14 2.23 0.00	33.93 2.03 0.00	35.09 2.01 0.00	33.68 1.91 0.00	46.77 2.56 0.00	57.76 3.00 0.00	57.41 3.34 0.00	66.91 4.20 0.00	76.20 5.72 0.00	80.00 6.90 0.00	91.03 8.34 0.00	121.42 11.97 -1.08	165.79 17.01 -0.20	251.06 26.48 -0.96	283.67 29.49 0.00	630.86 67.14 0.00	831.65 82.59 -11.05	1090.45 95.51 -3.78	585.14 46.51 -0.04	349.05 28.49 -3.12	103.16 8.06 0.00	71.91 4.66 0.00
KIAC_JFK_GT2 23817	52.60 2.73 0.00	45.26 2.44 0.00	39.14 2.23 0.00	33.93 2.03 0.00	35.09 2.01 0.00	33.68 1.91 0.00	46.77 2.56 0.00	57.76 3.00 0.00	57.41 3.34 0.00	66.91 4.20 0.00	76.20 5.72 0.00	80.00 6.90 0.00	91.03 8.34 0.00	121.42 11.97 -1.08	165.79 17.01 -0.20	251.06 26.48 -0.96	283.67 29.49 0.00	630.86 67.14 0.00	831.65 82.59 -11.05	1090.45 95.51 -3.78	585.14 46.51 -0.04	349.05 28.49 -3.12	103.16 8.06 0.00	71.91 4.66 0.00
KIAC_JFK____ 323774	52.59 2.73 0.00	45.26 2.44 0.00	39.14 2.23 0.00	33.93 2.03 0.00	35.09 2.01 0.00	33.68 1.91 0.00	46.77 2.56 0.00	57.76 3.00 0.00	57.40 3.33 0.00	66.91 4.20 0.00	76.20 5.71 0.00	80.00 6.90 0.00	91.03 8.33 0.00	121.42 11.97 -1.08	165.79 17.01 -0.20	251.05 26.47 -0.96	283.62 29.44 0.00	630.83 67.11 0.00	831.53 82.47 -11.05	1090.27 95.34 -3.78	585.14 46.51 -0.04	349.04 28.49 -3.12	103.16 8.06 0.00	71.91 4.66 0.00
KINTIGH__24_KV_GSU 356498	50.51 0.64 0.00	42.71 -0.11 0.00	36.02 -0.89 0.00	31.00 -0.89 0.00	32.15 -0.93 0.00	30.95 -0.82 0.00	43.50 -0.72 0.00	54.23 -0.53 0.00	53.90 -0.17 0.00	62.78 0.07 0.00	70.90 0.41 0.00	74.71 1.61 0.00	85.00 2.30 0.00	110.98 2.61 0.00	150.32 1.73 0.00	224.85 1.23 0.00	251.50 -0.67 2.02	558.19 -4.46 1.07	711.75 -24.22 2.05	960.08 -30.32 0.75	532.86 -5.73 0.00	311.15 -6.29 0.00	93.00 -2.10 0.00	65.82 -1.43 0.00
KINTIGH____ 23543	50.46 0.60 0.00	42.68 -0.15 0.00	35.99 -0.92 0.00	30.98 -0.91 0.00	32.12 -0.96 0.00	30.92 -0.85 0.00	43.46 -0.76 0.00	54.20 -0.56 0.00	53.86 -0.21 0.00	62.74 0.03 0.00	70.83 0.34 0.00	74.66 1.56 0.00	84.97 2.27 0.00	110.96 2.59 0.00	150.31 1.73 0.00	224.85 1.22 0.00	251.42 -0.75 2.02	558.63 -4.02 1.07	711.91 -24.05 2.05	960.41 -29.99 0.75	532.97 -5.62 0.00	311.14 -6.29 0.00	93.01 -2.09 0.00	65.82 -1.42 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.23 1.36 0.00	43.76 0.94 0.00	37.65 0.74 0.00	32.53 0.64 0.00	33.83 0.74 0.00	32.49 0.72 0.00	45.00 0.78 0.00	55.96 1.19 0.00	54.78 0.71 0.00	62.95 0.24 0.00	70.11 -0.37 0.00	70.70 -1.60 0.80	76.86 -2.74 3.10	100.06 -3.84 4.46	123 -5.95 141.40	72.48 -10.46 140.68	-12.03 -11.09 255.12	168.87 -22.94 371.91	199.22 -22.98 515.82	870.51 -30.23 90.40	523.32 -15.27 0.00	302.39 -8.08 6.96	9.83 -2.35 82.92	65.54 -1.71 0.00
LACHUTE____HYDRO 323717	56.31 6.45 0.00	47.33 4.51 0.00	40.80 3.89 0.00	35.23 3.33 0.00	36.61 3.53 0.00	35.32 3.55 0.00	48.69 4.48 0.00	59.83 5.07 0.00	58.90 4.83 0.00	68.40 5.69 0.00	77.81 7.32 0.00	81.55 8.45 0.00	91.63 8.93 0.00	121.27 12.91 0.00	169.86 21.27 0.00	254.09 30.47 0.00	284.60 30.43 0.00	636.12 72.40 0.00	881.61 110.60 -33.00	1136.33 145.18 0.00	616.60 78.01 0.00	358.15 40.72 0.00	106.83 11.73 0.00	73.92 6.68 0.00
LAWRNCALV_115KV_TB1 80681	49.85 -0.01 0.00	42.81 -0.02 0.00	36.91 0.00 0.00	31.91 0.01 0.00	32.95 -0.13 0.00	31.74 -0.03 0.00	44.26 0.04 0.00	54.56 -0.20 0.00	53.34 -0.74 0.00	61.34 -1.37 0.00	68.03 -2.45 0.00	24.20 -4.93 43.97	-93.80 -6.64 169.86	-31.99 -9.60 130.76	-6.59 -12.98 142.18	48.95 -18.64 156.04	-18.48 -20.19 252.47	118.53 -45.93 399.26	167.59 -53.42 517.01	841.40 -66.29 83.45	506.15 -32.44 0.00	279.59 -16.47 21.37	10.88 -4.96 79.25	65.19 -2.05 0.00
LEDERLE____ 23769	52.64 2.77 0.00	45.25 2.43 0.00	39.13 2.22 0.00	33.90 2.00 0.00	35.12 2.04 0.00	33.70 1.93 0.00	46.89 2.68 0.00	58.02 3.26 0.00	57.64 3.56 0.00	67.25 4.54 0.00	76.62 6.14 0.00	80.44 7.34 0.00	91.53 8.83 0.00	120.77 12.40 0.00	167.03 18.45 0.00	250.72 27.10 0.00	284.86 30.68 0.00	633.51 69.78 0.00	832.89 87.13 -7.74	1092.50 101.36 0.00	589.16 50.57 0.00	347.26 29.82 0.00	103.39 8.29 0.00	72.15 4.90 0.00
LIGHTHSE_115KV_TB6 355974	49.30 -0.57 0.00	42.06 -0.76 0.00	36.10 -0.81 0.00	31.24 -0.66 0.00	32.37 -0.71 0.00	31.20 -0.57 0.00	43.73 -0.49 0.00	54.09 -0.70 -0.03	53.41 -0.66 0.00	62.06 -0.72 -0.08	69.65 -0.84 0.00	68.36 -0.82 3.93	66.46 -1.07 15.17	93.37 -1.32 13.67	113.26 -1.87 33.45	173.46 -2.48 47.69	195.18 -2.67 56.33	445.06 -5.83 112.83	611.48 -7.30 119.23	989.06 4.28 6.36	544.35 5.76 0.00	302.55 0.97 15.85	78.85 -0.72 15.53	66.26 -0.99 0.00
LINDEN COGEN____ 23786	52.33 2.47 0.00	45.08 2.25 0.00	39.01 2.10 0.00	33.84 1.94 0.00	35.05 1.97 0.00	33.65 1.88 0.00	46.80 2.58 0.00	57.72 2.96 0.00	57.38 3.30 0.00	66.85 4.14 0.00	76.13 5.64 1.51	78.51 6.92 0.01	90.99 8.31 0.00	120.08 11.71 0.00	165.25 16.66 0.00	249.23 25.60 0.00	282.52 28.35 0.00	628.00 64.27 0.00	825.34 79.32 -8.02	1080.71 89.56 0.00	582.22 43.64 0.00	344.36 26.93 0.00	102.78 7.69 0.00	71.70 4.46 0.00
LINDHRST_69_KV_BK1 356055	52.65 2.78 0.00	45.64 2.81 0.00	39.52 2.61 0.00	34.32 2.43 0.00	35.49 2.40 0.00	34.04 2.27 0.00	47.01 2.79 0.00	58.09 3.33 0.00	57.98 3.91 0.00	67.58 4.87 0.00	78.87 7.17 -1.21	86.32 8.68 -4.53	109.23 10.37 -16.17	165.44 14.08 -43.00	173.82 18.26 -6.98	255.30 27.88 -3.80	287.42 32.44 -0.80	637.02 73.00 -0.30	854.66 100.44 -16.21	1098.09 112.99 6.05	589.29 50.78 0.07	342.42 30.30 5.31	103.43 8.34 0.00	72.53 5.28 0.00
LIPA_MISC_IPP 23656	51.69 1.83 0.00	44.79 1.97 0.00	38.85 1.94 0.00	33.83 1.94 0.00	34.98 1.90 0.00	33.60 1.83 0.00	46.24 2.02 0.00	57.03 2.27 0.00	56.88 2.81 0.00	66.31 3.60 0.00	76.75 5.99 -0.28	82.36 7.60 -1.66	111.97 9.38 -19.89	222.55 12.69 -101.50	224.93 15.34 -61.00	256.07 22.78 -9.66	292.33 26.84 -11.31	624.16 59.91 -0.53	891.86 97.20 -56.65	1093.94 108.07 5.28	584.30 45.78 0.06	337.66 24.59 4.36	101.28 6.28 0.10	65.11 3.84 5.97
LISF____SOLAR 323691	51.83 1.97 0.00	44.89 2.07 0.00	38.92 2.01 0.00	33.90 2.00 0.00	35.07 1.99 0.00	33.67 1.90 0.00	46.36 2.14 0.00	57.16 2.40 0.00	57.03 2.96 0.00	66.49 3.79 0.00	76.96 6.19 -0.29	82.63 7.81 -1.72	112.96 9.66 -20.61	229.65 13.00 -108.28	231.66 15.77 -67.30	257.43 23.49 -10.31	294.48 27.77 -12.54	626.49 62.24 -0.54	897.31 100.49 -58.81	1098.24 112.36 5.27	586.83 48.29 0.06	338.86 25.78 4.35	101.62 6.63 0.10	65.32 3.98 5.90
LITTLE FALLS____HYD 24013	50.72 0.85 0.00	43.64 0.82 0.00	37.75 0.83 0.00	32.69 0.80 0.00	34.00 0.91 0.00	32.59 0.83 0.00	45.13 0.91 0.00	55.14 0.38 0.00	53.88 -0.19 0.00	62.33 -0.38 0.00	70.85 0.36 0.00	73.47 1.19 0.82	81.17 1.66 3.18	109.47 2.64 1.54	169.03 4.58 -15.87	250.60 6.61 -20.36	289.67 8.13 -27.36	638.96 25.58 -49.65	842.45 47.06 -57.38	1061.17 62.21 -7.81	571.58 33.00 0.00	342.05 19.33 -5.29	108.70 5.59 -8.01	70.39 3.14 0.00

LITTLRIV_115KV_TB1 356100	50.66 0.80 0.00	43.51 0.69 0.00	37.50 0.58 0.00	32.42 0.52 0.00	33.48 0.39 0.00	32.33 0.56 0.00	45.11 0.89 0.00	55.41 0.65 0.00	53.91 -0.17 0.00	61.74 -0.97 0.00	68.33 -2.16 0.00	26.51 -4.65 41.95	-85.69 -6.34 162.04	-25.95 -9.17 125.14	-6.24 -12.56 142.27	47.90 -18.02 157.71	-17.57 -19.56 252.18	117.42 -44.07 402.23	172.44 -48.43 517.14	854.29 -54.17 82.69	516.63 -21.95 0.00	284.67 -9.83 22.93	13.23 -3.01 78.85	66.48 -0.76 0.00
LI_NEWBRDGE___DRP 323616	51.91 2.04 0.00	45.01 2.19 0.00	39.00 2.09 0.00	33.88 1.99 0.00	35.03 1.95 0.00	33.61 1.83 0.00	46.46 2.24 0.00	57.28 2.52 0.00	57.01 2.94 0.00	66.42 3.71 0.28	75.87 5.66 0.38	79.76 7.04 0.38	103.71 8.52 -12.49	162.16 11.78 -42.02	169.80 15.49 -5.73	250.98 23.63 -3.73	282.11 27.34 -0.60	625.34 61.40 -0.22	832.70 83.14 -11.55	1075.91 91.32 6.56	579.04 40.52 0.07	336.99 24.97 5.41	101.74 6.80 0.17	61.67 4.23 9.81
LOCKPORT_115KV_TB60_63_64 80432	50.13 0.26 0.00	42.24 -0.58 0.00	35.46 -1.46 0.00	30.53 -1.37 0.00	31.64 -1.44 0.00	30.49 -1.28 0.00	42.95 -1.27 0.00	53.59 -1.18 0.00	53.22 -0.85 0.00	62.03 -0.67 0.00	69.93 -0.55 0.00	73.79 0.69 0.00	84.16 1.47 0.00	109.98 1.61 0.00	148.31 -0.26 0.00	221.47 -2.15 0.00	246.98 -4.25 2.95	549.22 -12.88 1.62	694.04 -40.39 3.58	939.58 -50.42 1.15	525.46 -13.13 0.00	305.87 -11.57 0.00	91.77 -3.32 0.00	65.11 -2.14 0.00
LOCKPORT___CC1 323769	49.98 0.11 0.00	42.12 -0.70 0.00	35.36 -1.55 0.00	30.43 -1.46 0.00	31.54 -1.54 0.00	30.40 -1.38 0.00	42.81 -1.41 0.00	53.43 -1.34 0.00	53.06 -1.02 0.00	61.79 -0.91 0.00	69.63 -0.85 0.00	73.43 0.33 0.00	83.73 1.04 0.00	109.43 1.06 0.00	147.62 -0.96 0.00	220.26 -3.36 0.00	244.68 -5.68 3.82	545.30 -16.62 1.80	689.72 -44.19 4.11	934.05 -55.83 1.27	522.35 -16.24 0.00	304.41 -13.02 0.00	91.30 -3.79 0.00	64.79 -2.46 0.00
LOCKPORT___CC2 323770	49.98 0.11 0.00	42.12 -0.70 0.00	35.36 -1.55 0.00	30.43 -1.46 0.00	31.54 -1.54 0.00	30.40 -1.38 0.00	42.81 -1.41 0.00	53.43 -1.34 0.00	53.06 -1.02 0.00	61.79 -0.91 0.00	69.63 -0.85 0.00	73.43 0.33 0.00	83.73 1.04 0.00	109.43 1.06 0.00	147.62 -0.96 0.00	220.26 -3.36 0.00	244.68 -5.68 3.82	545.30 -16.62 1.80	689.72 -44.19 4.11	934.05 -55.83 1.27	522.35 -16.24 0.00	304.41 -13.02 0.00	91.30 -3.79 0.00	64.79 -2.46 0.00
LOCKPORT___CC3 323771	49.98 0.11 0.00	42.12 -0.70 0.00	35.36 -1.55 0.00	30.43 -1.46 0.00	31.54 -1.54 0.00	30.40 -1.38 0.00	42.81 -1.41 0.00	53.43 -1.34 0.00	53.06 -1.02 0.00	61.79 -0.91 0.00	69.63 -0.85 0.00	73.43 0.33 0.00	83.73 1.04 0.00	109.43 1.06 0.00	147.62 -0.96 0.00	220.26 -3.36 0.00	244.68 -5.68 3.82	545.30 -16.62 1.80	689.72 -44.19 4.11	934.05 -55.83 1.27	522.35 -16.24 0.00	304.41 -13.02 0.00	91.30 -3.79 0.00	64.79 -2.46 0.00
LOCUSVLY_69_KV_BK2 55797	52.78 2.91 0.00	45.69 2.87 0.00	39.54 2.62 0.00	34.28 2.39 0.00	35.46 2.38 0.00	34.00 2.23 0.00	47.08 2.86 0.00	58.17 3.41 0.00	57.93 3.86 0.00	67.48 4.77 0.00	79.59 6.85 -2.25	89.44 8.36 -7.97	111.73 10.12 -18.92	166.82 14.01 -44.45	177.49 19.10 -9.81	257.42 29.27 -4.52	288.87 33.57 -1.13	638.97 75.02 -0.22	850.97 98.60 -14.35	1100.09 112.52 3.58	590.97 52.43 0.04	345.62 31.41 3.22	103.89 8.67 -0.12	79.95 5.33 -7.37
LONG_LAKE_PHOENIX 24014	49.29 -0.57 0.00	42.17 -0.65 0.00	36.16 -0.75 0.00	31.23 -0.67 0.00	32.41 -0.68 0.00	31.14 -0.63 0.00	43.45 -0.77 0.00	53.93 -0.88 -0.05	53.33 -0.74 0.00	61.97 -0.86 -0.12	69.72 -0.76 0.00	71.44 -0.35 1.31	77.53 -0.10 5.06	103.97 -0.12 4.27	142.69 -0.49 5.40	214.31 -0.73 8.58	244.40 -0.92 8.86	539.97 -4.02 19.73	712.20 -8.18 17.63	1000.95 0.03 -9.78	540.74 2.15 0.00	313.92 -0.09 3.42	92.40 -0.44 2.26	66.56 -0.69 0.00
LOVETT___3 23632	52.15 2.28 0.00	44.86 2.04 0.00	38.82 1.90 0.00	33.63 1.74 0.00	34.85 1.77 0.00	33.43 1.66 0.00	46.49 2.27 0.00	57.48 2.72 0.00	57.05 2.97 0.00	66.49 3.79 0.00	75.71 5.22 0.00	79.42 6.31 0.00	90.30 7.60 0.00	119.11 10.74 0.00	163.87 15.29 0.00	247.11 23.48 0.00	280.79 26.61 0.00	624.44 60.72 0.00	821.75 75.94 -7.79	1077.78 86.64 0.00	581.12 42.54 0.00	342.98 25.55 0.00	102.21 7.12 0.00	71.39 4.14 0.00
LOVETT___4 23642	52.15 2.28 0.00	44.86 2.04 0.00	38.82 1.90 0.00	33.63 1.74 0.00	34.85 1.77 0.00	33.43 1.66 0.00	46.49 2.27 0.00	57.48 2.72 0.00	57.05 2.97 0.00	66.49 3.79 0.00	75.71 5.22 0.00	79.42 6.31 0.00	90.30 7.60 0.00	119.11 10.74 0.00	163.87 15.29 0.00	247.11 23.48 0.00	280.79 26.61 0.00	624.44 60.72 0.00	821.75 75.94 -7.79	1077.78 86.64 0.00	581.12 42.54 0.00	342.98 25.55 0.00	102.21 7.12 0.00	71.39 4.14 0.00
LOVETT___5 23593	52.15 2.28 0.00	44.86 2.04 0.00	38.82 1.90 0.00	33.63 1.74 0.00	34.85 1.77 0.00	33.43 1.66 0.00	46.49 2.27 0.00	57.48 2.72 0.00	57.05 2.97 0.00	66.49 3.79 0.00	75.71 5.22 0.00	79.42 6.31 0.00	90.30 7.60 0.00	119.11 10.74 0.00	163.87 15.29 0.00	247.11 23.48 0.00	280.79 26.61 0.00	624.44 60.72 0.00	821.75 75.94 -7.79	1077.78 86.64 0.00	581.12 42.54 0.00	342.98 25.55 0.00	102.21 7.12 0.00	71.39 4.14 0.00
LOWER RAQUET___HYD 24057	49.81 -0.06 0.00	42.77 -0.06 0.00	36.87 -0.04 0.00	31.88 -0.01 0.00	32.89 -0.19 0.00	31.70 -0.07 0.00	44.22 0.00 0.00	54.43 -0.33 0.00	53.18 -0.90 0.00	61.14 -1.57 -0.01	67.78 -2.71 0.00	27.79 -5.26 40.05	-79.11 -7.10 154.70	-21.80 -10.31 119.85	-7.76 -13.99 142.35	44.29 -20.05 159.28	-19.71 -21.97 251.91	109.20 -49.48 405.04	163.43 -57.47 517.11	839.49 -70.67 80.99	504.19 -34.40 0.00	275.53 -17.49 24.41	11.39 -5.23 78.47	64.99 -2.25 0.00
LOWER___HUDSON 24059	51.36 1.50 0.00	44.10 1.28 0.00	38.16 1.25 0.00	33.00 1.11 0.00	34.22 1.14 0.00	32.83 1.06 0.00	45.51 1.29 0.00	56.19 1.43 0.00	55.32 1.25 0.00	64.14 1.44 0.00	72.71 2.22 0.00	75.82 2.72 0.00	85.66 2.96 0.00	112.63 4.26 0.00	155.55 6.97 0.00	233.22 9.59 0.00	265.29 11.11 0.00	591.79 28.07 0.00	808.69 42.29 -28.39	1041.09 49.95 0.00	563.92 25.34 0.00	333.70 16.27 0.00	99.66 4.56 0.00	70.11 2.87 0.00
LOWVILLE_115KV_TB2 356335	49.54 -0.32 0.00	42.37 -0.45 0.00	36.52 -0.39 0.00	31.66 -0.23 0.00	32.75 -0.33 0.00	31.67 -0.10 0.00	44.67 0.45 0.00	55.02 0.24 -0.01	54.32 0.25 0.00	63.07 0.34 -0.02	70.52 0.03 0.00	61.05 -0.72 11.33	37.36 -1.58 43.76	87.87 -2.31 18.19	281.30 -3.40 -136.12	450.75 -4.92 -232.04	467.39 -5.49 -218.70	1078.65 -10.19 -525.12	1214.57 -9.29 -485.85	1031.18 0.08 -39.95	542.74 4.15 0.00	418.46 -0.89 -101.91	146.51 -1.00 -52.41	66.20 -1.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	52.33 2.46 0.00	44.86 2.04 0.00	38.71 1.80 0.00	33.45 1.56 0.00	34.75 1.67 0.00	33.35 1.58 0.00	46.34 2.12 0.00	57.26 2.50 0.00	56.43 2.36 0.00	65.41 2.70 0.00	73.97 3.48 0.00	77.30 4.19 0.00	87.43 4.74 0.00	114.88 6.51 0.00	158.53 9.95 0.00	238.13 14.50 0.00	270.92 16.75 0.00	605.02 41.29 0.00	831.64 60.98 -32.65	1068.95 77.80 0.00	579.88 41.29 0.00	341.28 23.85 0.00	101.74 6.65 0.00	71.38 4.14 0.00

LUTHERNY_35_KV_BK2 355980	52.38 2.51 0.00	44.92 2.10 0.00	38.71 1.79 0.00	33.42 1.53 0.00	34.76 1.68 0.00	33.38 1.61 0.00	46.36 2.14 0.00	57.33 2.57 0.00	56.48 2.41 0.00	65.52 2.81 0.00	74.07 3.59 0.00	77.41 4.30 0.00	87.53 4.84 0.00	115.01 6.65 0.00	158.78 10.20 0.00	238.43 14.80 0.00	271.14 16.97 0.00	606.10 42.38 0.00	832.54 61.89 -32.65	1070.47 79.32 0.00	580.80 42.22 0.00	341.59 24.15 0.00	101.82 6.72 0.00	71.41 4.16 0.00
LWR___OSWEGATCHIE_HYD 23850	49.58 -0.29 0.00	42.47 -0.36 0.00	36.57 -0.35 0.00	31.65 -0.24 0.00	32.70 -0.38 0.00	31.58 -0.19 0.00	44.30 0.08 0.00	54.52 -0.25 -0.01	53.52 -0.55 0.00	61.83 -0.90 -0.02	68.71 -1.78 0.00	42.55 -3.44 27.12	-26.95 -4.89 104.75	15.85 -6.91 85.61	-4.65 -9.62 143.61	25.89 -13.77 183.96	-8.67 -15.19 247.66	81.88 -32.86 448.98	182.37 -36.77 518.87	884.06 -38.26 68.83	522.42 -16.16 0.00	260.55 -9.33 47.56	19.40 -3.14 72.56	65.51 -1.74 0.00
LYONS_FALL_HYD 23570	50.10 0.23 0.00	42.89 0.07 0.00	36.94 0.03 0.00	31.99 0.09 0.00	33.13 0.05 0.00	31.96 0.19 0.00	44.90 0.68 0.00	55.43 0.66 -0.01	54.76 0.69 0.00	63.61 0.89 -0.02	71.38 0.89 0.00	66.21 0.60 7.50	53.99 0.26 28.97	86.91 0.28 21.73	135.27 0.25 13.56	211.31 0.50 12.82	230.17 0.65 24.66	532.06 2.75 34.42	694.62 5.91 49.30	1000.32 16.48 7.31	550.13 11.54 0.00	321.84 4.41 0.00	87.63 0.68 8.15	67.35 0.11 0.00
MADISON___COUNTY_LFGE 323628	51.31 1.44 0.00	43.95 1.12 0.00	37.78 0.87 0.00	32.63 0.73 0.00	33.87 0.79 0.00	32.58 0.81 0.00	45.53 1.31 0.00	56.37 1.60 -0.01	55.77 1.69 0.00	64.77 2.04 -0.02	73.04 2.56 0.00	73.83 3.00 2.26	77.48 3.52 8.74	108.26 4.87 4.98	172.22 6.73 -16.91	260.37 9.89 -26.85	292.76 10.86 -27.72	648.93 23.38 -61.83	827.95 29.11 -60.82	1043.90 45.16 -7.60	564.62 26.03 0.00	341.96 13.82 -10.71	105.73 3.57 -7.07	69.23 1.99 0.00
MALONE___115KV_TB1 356076	50.59 0.72 0.00	43.27 0.44 0.00	37.27 0.35 0.00	32.24 0.35 0.00	33.41 0.33 0.00	32.11 0.34 0.00	44.67 0.45 0.00	55.44 0.68 0.00	54.30 0.23 0.00	62.50 -0.21 0.00	69.30 -1.19 0.00	57.46 -2.81 12.84	29.02 -4.08 49.59	62.56 -5.95 39.85	-1.84 -8.73 141.69	64.07 -13.17 146.39	-14.19 -14.23 254.14	151.14 -30.51 382.07	188.75 -33.00 516.26	861.12 -42.21 87.82	517.65 -20.93 0.00	294.07 -11.04 12.31	10.20 -3.34 81.56	65.28 -1.97 0.00
MAPLEWOD_115KV_TB3 80458	51.11 1.24 0.00	43.91 1.08 0.00	38.04 1.12 0.00	32.89 1.00 0.00	34.10 1.01 0.00	32.69 0.92 0.00	45.32 1.10 0.00	55.99 1.23 0.00	55.16 1.09 0.00	64.08 1.37 0.00	72.73 2.24 0.00	75.87 2.77 0.00	85.88 3.19 0.00	112.97 4.60 0.00	155.78 7.20 0.00	234.17 10.54 0.00	266.35 12.17 0.00	593.07 29.35 0.00	804.06 41.90 -24.15	1040.71 49.56 0.00	563.40 24.82 0.00	332.81 15.38 0.00	99.38 4.28 0.00	69.95 2.71 0.00
MAPLE_RIDGE_WT_1 323574	49.21 -0.66 0.00	42.28 -0.54 0.00	36.55 -0.36 0.00	31.58 -0.32 0.00	32.77 -0.31 0.00	31.53 -0.24 0.00	43.97 -0.25 0.00	54.50 -0.26 0.00	53.83 -0.25 0.00	62.36 -0.34 0.00	69.99 -0.50 0.00	73.27 -0.85 -1.01	85.24 -1.37 -3.91	107.71 -2.21 -1.56	-2.41 -2.80 148.19	73.84 -5.02 144.76	-30.68 -5.06 279.80	160.30 -11.98 391.44	159.89 -15.84 562.28	868.82 -20.00 102.33	527.61 -10.97 0.00	309.44 -7.99 0.00	0.12 -2.55 92.43	65.55 -1.70 0.00
MAPLE_RIDGE_WT_2 323611	49.21 -0.66 0.00	42.28 -0.54 0.00	36.55 -0.36 0.00	31.58 -0.32 0.00	32.77 -0.31 0.00	31.53 -0.24 0.00	43.97 -0.25 0.00	54.50 -0.26 0.00	53.83 -0.25 0.00	62.36 -0.34 0.00	69.99 -0.50 0.00	73.27 -0.85 -1.01	85.24 -1.37 -3.91	107.71 -2.21 -1.56	-2.41 -2.80 148.19	73.84 -5.02 144.76	-30.68 -5.06 279.80	160.30 -11.98 391.44	159.89 -15.84 562.28	868.82 -20.00 102.33	527.61 -10.97 0.00	309.44 -7.99 0.00	0.12 -2.55 92.43	65.55 -1.70 0.00
MARBLE_RIVER_WT_PWR 323696	50.35 0.49 0.00	43.12 0.30 0.00	37.14 0.23 0.00	32.11 0.22 0.00	33.33 0.24 0.00	31.99 0.22 0.00	44.39 0.17 0.00	55.10 0.34 0.00	54.02 -0.05 0.00	62.23 -0.48 0.00	69.06 -1.43 0.00	70.35 -2.75 0.00	78.78 -3.91 0.00	100.72 -5.55 2.09	-0.95 -8.15 141.38	70.06 -13.36 140.21	-15.79 -14.77 255.20	161.29 -31.37 371.07	185.33 -36.90 515.78	851.41 -49.12 90.62	511.87 -26.72 0.00	295.52 -15.39 6.52	7.59 -4.47 83.04	64.36 -2.88 0.00
MARSHVLE_115KV_TB1 80742	53.04 3.17 0.00	45.29 2.47 0.00	38.90 1.98 0.00	33.58 1.69 0.00	34.86 1.78 0.00	33.53 1.76 0.00	46.79 2.57 0.00	57.62 2.86 0.00	56.58 2.50 0.00	65.38 2.67 0.00	73.31 2.83 0.00	76.11 3.00 0.00	85.77 3.07 0.00	112.24 3.88 0.00	153.14 4.56 0.00	230.63 7.00 0.00	262.50 8.32 0.00	583.78 20.06 0.00	799.40 31.18 -30.21	1049.65 58.50 0.00	577.71 39.12 0.00	339.25 21.82 0.00	101.36 6.26 0.00	71.24 3.99 0.00
MARSH_HILL_WT_PWR 323713	50.26 0.39 0.00	42.62 -0.21 0.00	36.00 -0.91 0.00	30.94 -0.95 0.00	31.77 -1.32 0.00	30.48 -1.29 0.00	43.11 -1.11 0.00	53.95 -0.81 -0.01	53.62 -0.45 0.00	62.00 -0.73 -0.02	69.26 -1.23 0.00	73.12 0.01 0.00	83.65 0.96 0.00	109.54 1.17 0.00	149.65 1.07 0.00	224.09 0.45 -0.01	266.05 -1.54 -13.40	571.35 0.50 -7.13	756.45 -4.79 -23.23	1002.82 5.14 -6.53	548.08 9.49 0.00	316.38 -1.05 0.00	94.03 -1.07 0.00	66.17 -1.08 0.00
MCINTYRE_115KV_TB2 80467	51.09 1.23 0.00	43.89 1.07 0.00	37.82 0.91 0.00	32.70 0.80 0.00	33.80 0.71 0.00	32.62 0.85 0.00	45.51 1.29 0.00	55.88 1.12 0.00	54.23 0.16 0.00	62.04 -0.67 0.00	68.62 -1.87 0.00	23.84 -4.26 45.01	-96.95 -5.79 173.85	-33.66 -8.39 133.64	-5.07 -11.52 142.14	51.95 -16.49 155.18	-16.22 -17.78 252.62	125.82 -40.18 397.73	177.89 -43.18 516.94	861.83 -45.48 83.84	522.88 -15.71 0.00	290.94 -5.94 20.56	13.74 -1.91 79.45	67.24 -0.01 0.00
MECO_____69_KV_BK1 80468	53.60 3.73 0.00	45.80 2.98 0.00	39.40 2.49 0.00	34.03 2.13 0.00	35.33 2.25 0.00	33.98 2.21 0.00	47.42 3.21 0.00	58.26 3.50 0.00	56.75 2.68 0.00	65.22 2.51 0.00	73.20 2.71 0.00	76.37 3.26 0.00	86.07 3.38 0.00	112.95 4.59 0.00	154.61 6.03 0.00	233.02 9.39 0.00	265.87 11.69 0.00	596.77 33.04 0.00	824.23 53.99 -32.23	1081.76 90.61 0.00	594.34 55.75 0.00	349.25 31.82 0.00	103.99 8.89 0.00	72.88 5.63 0.00
MENANDS___115KV_TB5 355628	50.70 0.84 0.00	43.58 0.76 0.00	37.78 0.87 0.00	32.69 0.79 0.00	33.88 0.80 0.00	32.47 0.70 0.00	44.98 0.76 0.00	55.54 0.78 0.00	54.71 0.64 0.00	63.55 0.84 0.00	72.15 1.66 0.00	75.24 2.14 0.00	85.12 2.43 0.00	111.94 3.58 0.00	154.42 5.84 0.00	232.10 8.48 0.00	263.89 9.72 0.00	587.24 23.52 0.00	795.29 33.85 -23.42	1029.16 38.02 0.00	557.00 18.41 0.00	329.30 11.87 0.00	98.39 3.29 0.00	69.32 2.07 0.00
MG INDUSTRY___DRP 24185	50.75 0.88 0.00	43.63 0.81 0.00	37.79 0.88 0.00	32.70 0.80 0.00	33.89 0.81 0.00	32.44 0.67 0.00	44.87 0.65 0.00	55.05 0.29 0.00	53.42 -0.65 0.00	61.79 -0.92 0.00	70.00 -0.48 0.00	72.84 -0.26 0.00	82.44 -0.25 0.00	108.19 -0.17 0.00	149.03 0.45 0.00	224.41 0.78 0.00	254.67 0.49 0.00	566.36 2.64 0.00	762.10 7.13 -16.95	997.65 6.50 0.00	541.42 2.83 0.00	319.90 2.47 0.00	95.82 0.72 0.00	67.63 0.38 0.00

MID___OSWEGATCHIE_HYD 23849	49.58 -0.29 0.00	42.47 -0.36 0.00	36.57 -0.35 0.00	31.65 -0.24 0.00	32.70 -0.38 0.00	31.58 -0.19 0.00	44.30 0.08 0.00	54.52 -0.25 -0.01	53.52 -0.55 0.00	61.83 -0.90 -0.02	68.71 -1.78 0.00	42.55 -3.44 27.12	-26.95 -4.89 104.75	15.85 -6.91 85.61	-4.65 -9.62 143.61	25.89 -13.77 183.96	-8.67 -15.19 247.66	81.88 -32.86 448.98	182.37 -36.77 518.87	884.06 -38.26 68.83	522.42 -16.16 0.00	260.55 -9.33 47.56	19.40 -3.14 72.56	65.51 -1.74 0.00
MID___RAQUETTE_HYD 23851	49.81 -0.06 0.00	42.77 -0.06 0.00	36.87 -0.04 0.00	31.88 -0.01 0.00	32.89 -0.19 0.00	31.70 -0.07 0.00	44.22 0.00 0.00	54.43 -0.33 0.00	53.18 -0.90 0.00	61.15 -1.57 -0.01	67.78 -2.71 0.00	27.79 -5.26 40.05	-79.11 -7.10 154.70	-21.79 -10.30 119.85	-7.75 -13.98 142.35	44.31 -20.03 159.28	-19.64 -21.91 251.91	109.20 -49.48 405.04	163.44 -57.46 517.11	839.30 -70.86 80.99	504.19 -34.40 0.00	275.53 -17.49 24.41	11.40 -5.23 78.47	65.00 -2.25 0.00
MILLIKEN___1 23584	51.52 1.66 0.00	44.04 1.22 0.00	37.74 0.83 0.00	32.58 0.69 0.00	33.83 0.75 0.00	32.52 0.76 0.00	45.45 1.24 0.00	56.19 1.41 -0.02	55.59 1.51 0.00	64.33 1.58 -0.04	72.46 1.97 0.00	75.06 2.64 0.68	83.50 3.44 2.64	110.79 4.39 1.97	154.06 5.48 0.00	231.81 8.19 0.00	264.40 9.23 -0.99	585.30 21.04 -0.54	768.60 26.61 -3.97	1040.66 45.08 -4.43	566.64 28.06 0.00	332.23 14.80 0.00	98.99 3.89 0.00	69.44 2.19 0.00
MILLIKEN___2 23585	51.52 1.66 0.00	44.04 1.22 0.00	37.74 0.83 0.00	32.58 0.69 0.00	33.83 0.75 0.00	32.52 0.76 0.00	45.45 1.24 0.00	56.19 1.41 -0.02	55.59 1.51 0.00	64.33 1.58 -0.04	72.46 1.97 0.00	75.06 2.64 0.68	83.50 3.44 2.64	110.79 4.39 1.97	154.06 5.48 0.00	231.81 8.19 0.00	264.40 9.23 -0.99	585.30 21.04 -0.54	768.60 26.61 -3.97	1040.66 45.08 -4.43	566.64 28.06 0.00	332.23 14.80 0.00	98.99 3.89 0.00	69.44 2.19 0.00
MILLIKEN___DIESEL 23629	51.52 1.66 0.00	44.04 1.22 0.00	37.74 0.83 0.00	32.58 0.69 0.00	33.83 0.75 0.00	32.52 0.76 0.00	45.45 1.24 0.00	56.19 1.41 -0.02	55.59 1.51 0.00	64.33 1.58 -0.04	72.46 1.97 0.00	75.06 2.64 0.68	83.50 3.44 2.64	110.79 4.39 1.97	154.06 5.48 0.00	231.81 8.19 0.00	264.40 9.23 -0.99	585.30 21.04 -0.54	768.60 26.61 -3.97	1040.66 45.08 -4.43	566.64 28.06 0.00	332.23 14.80 0.00	98.99 3.89 0.00	69.44 2.19 0.00
MILLSEAT___LFGE 323607	51.55 1.68 0.00	43.43 0.61 0.00	36.52 -0.39 0.00	31.43 -0.46 0.00	32.60 -0.48 0.00	31.44 -0.33 0.00	44.31 0.09 0.00	55.28 0.52 0.00	54.84 0.77 0.00	63.82 1.11 0.00	71.91 1.42 0.00	75.40 2.29 0.00	86.47 3.77 0.00	112.91 4.54 0.00	151.33 2.75 0.00	226.32 2.70 0.00	253.11 1.38 2.45	562.92 0.55 1.35	716.88 -18.32 2.81	973.57 -16.63 0.95	543.92 5.33 0.00	316.99 -0.45 0.00	95.53 0.44 0.00	67.54 0.29 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	52.34 2.47 0.00	45.03 2.20 0.00	38.96 2.05 0.00	33.76 1.86 0.00	34.98 1.90 0.00	33.55 1.78 0.00	46.66 2.44 0.00	57.68 2.91 0.00	57.26 3.19 0.00	66.71 4.00 0.00	75.96 5.47 0.00	79.70 6.60 0.00	90.62 7.93 0.00	119.50 11.14 0.00	164.42 15.84 0.00	247.88 24.25 0.00	281.59 27.41 0.00	626.22 62.50 0.00	824.25 78.27 -7.97	1081.01 89.86 0.00	582.65 44.06 0.00	344.03 26.60 0.00	102.58 7.48 0.00	71.67 4.42 0.00
MILLWOOD_13_KV_LOAD 356217	52.45 2.59 0.00	45.13 2.30 0.00	39.04 2.13 0.00	33.83 1.93 0.00	35.05 1.97 0.00	33.62 1.85 0.00	46.75 2.54 0.00	57.80 3.04 0.00	57.40 3.33 0.00	66.89 4.18 0.00	76.18 5.69 0.00	79.95 6.84 0.00	90.90 8.21 0.00	119.92 11.56 0.00	164.99 16.41 0.00	248.69 25.07 0.00	282.58 28.41 0.00	628.39 64.67 0.00	827.15 81.17 -7.97	1084.65 93.50 0.00	584.74 46.15 0.00	345.13 27.69 0.00	102.87 7.78 0.00	71.84 4.60 0.00
MODEL_CITY_ENERGY 24167	49.72 -0.15 0.00	41.88 -0.94 0.00	35.15 -1.76 0.00	30.28 -1.62 0.00	31.39 -1.69 0.00	30.23 -1.54 0.00	42.58 -1.64 0.00	53.11 -1.65 0.00	52.75 -1.32 0.00	61.52 -1.19 0.00	69.38 -1.10 0.00	73.23 0.13 0.00	83.52 0.83 0.00	109.11 0.74 0.00	147.25 -1.33 0.00	219.77 -3.85 0.00	245.06 -6.05 3.06	543.84 -18.22 1.66	686.80 -47.53 3.68	928.86 -61.11 1.17	519.89 -18.70 0.00	302.69 -14.75 0.00	90.84 -4.26 0.00	64.49 -2.75 0.00
MODERN_LFGE___ 323580	49.72 -0.15 0.00	41.88 -0.94 0.00	35.15 -1.76 0.00	30.28 -1.62 0.00	31.39 -1.69 0.00	30.23 -1.54 0.00	42.58 -1.64 0.00	53.11 -1.65 0.00	52.75 -1.32 0.00	61.52 -1.19 0.00	69.38 -1.10 0.00	73.23 0.13 0.00	83.52 0.83 0.00	109.11 0.74 0.00	147.25 -1.33 0.00	219.77 -3.85 0.00	245.06 -6.05 3.06	543.84 -18.22 1.66	686.80 -47.53 3.68	928.86 -61.11 1.17	519.89 -18.70 0.00	302.69 -14.75 0.00	90.84 -4.26 0.00	64.49 -2.75 0.00
MOHAWK_PAPER___DRP 24187	51.11 1.24 0.00	43.91 1.08 0.00	38.04 1.12 0.00	32.89 1.00 0.00	34.10 1.01 0.00	32.69 0.92 0.00	45.32 1.10 0.00	55.99 1.23 0.00	55.16 1.09 0.00	64.08 1.37 0.00	72.73 2.24 0.00	75.87 2.77 0.00	85.88 3.19 0.00	112.97 4.60 0.00	155.78 7.20 0.00	234.17 10.54 0.00	266.35 12.17 0.00	593.07 29.35 0.00	804.06 49.56 -24.15	1040.71 49.56 0.00	563.40 24.82 0.00	332.81 15.38 0.00	99.38 4.28 0.00	69.95 2.71 0.00
MOHICAN___35_KV_115KV_LD 80490	52.99 3.13 0.00	45.20 2.38 0.00	38.99 2.08 0.00	33.69 1.80 0.00	34.99 1.91 0.00	33.63 1.87 0.00	46.65 2.43 0.00	57.66 2.89 0.00	56.87 2.80 0.00	65.82 3.11 0.00	74.39 3.90 0.00	77.85 4.75 0.00	87.93 5.24 0.00	115.65 7.29 0.00	160.30 11.72 0.00	240.54 16.91 0.00	273.35 19.17 0.00	611.68 47.96 0.00	845.28 74.42 -32.85	1086.15 95.00 0.00	589.80 51.21 0.00	344.85 27.42 0.00	102.81 7.71 0.00	71.82 4.57 0.00
MONGAUP___HYD 23641	52.85 2.98 0.00	45.34 2.52 0.00	39.16 2.25 0.00	33.90 2.01 0.00	35.14 2.06 0.00	33.73 1.96 0.00	46.95 2.73 0.00	58.03 3.27 0.00	57.22 3.15 0.00	66.17 3.46 0.00	74.96 4.47 0.00	78.48 5.38 0.00	88.59 5.90 0.00	116.48 8.12 0.00	160.66 12.08 0.00	242.62 18.99 0.00	277.19 23.01 0.00	620.49 56.77 0.00	820.82 75.48 -7.32	1086.56 95.41 0.00	588.30 49.72 0.00	346.68 29.25 0.00	103.96 8.86 0.00	72.46 5.22 0.00
MONTAUK___DIESEL 23721	53.09 3.23 0.00	45.59 2.77 0.00	39.48 2.57 0.00	34.02 2.12 0.00	35.54 2.46 0.00	34.36 2.59 0.00	47.68 3.46 0.00	58.83 4.07 0.00	59.11 5.04 0.00	69.57 6.86 0.00	81.05 10.29 -0.28	87.37 12.59 -1.68	118.01 15.16 -20.15	231.04 18.65 -104.03	234.87 22.93 -63.35	266.53 33.00 -9.90	302.67 36.73 -11.77	645.88 81.62 -0.53	919.92 124.46 -57.45	1116.60 130.73 5.28	591.79 53.27 0.06	341.64 28.56 4.36	102.00 7.00 0.10	65.31 4.02 5.95
MOONROAD_115KV_HARTFLD_TB1-2 355988	51.70 1.83 0.00	43.37 0.55 0.00	36.36 -0.55 0.00	31.28 -0.61 0.00	32.34 -0.74 0.00	31.17 -0.60 0.00	44.13 -0.09 0.00	55.43 0.67 0.00	55.90 1.83 0.00	64.91 2.20 0.00	72.87 2.39 0.00	75.68 2.58 0.00	86.01 3.32 0.00	113.44 5.07 0.00	154.20 5.61 0.00	231.53 7.91 0.00	259.47 7.74 2.44	581.49 19.07 1.30	743.05 7.42 2.39	1000.68 10.45 0.92	553.41 14.82 0.00	322.13 4.69 0.00	95.00 -0.09 0.00	66.39 -0.86 0.00

MORRIS_RIDGE___SOLAR 323848	49.96 0.09 0.00	42.41 -0.41 0.00	35.88 -1.04 0.00	30.86 -1.03 0.00	31.88 -1.21 0.00	30.66 -1.11 0.00	43.08 -1.14 0.00	53.48 -1.29 -0.01	52.94 -1.13 0.00	61.38 -1.34 -0.01	68.81 -1.67 0.00	72.29 -0.81 0.00	82.52 -0.18 0.00	108.17 -0.20 0.00	147.09 -1.49 0.00	220.35 -3.26 0.02	226.87 -5.57 21.74	541.33 -10.85 11.54	682.79 -22.79 32.44	965.90 -18.25 6.99	538.96 0.37 0.00	313.32 -4.11 0.00	93.58 -1.52 0.00	65.78 -1.47 0.00
MORTIMER_115KV_TB3 55949	51.32 1.45 0.00	43.50 0.68 0.00	36.86 -0.05 0.00	31.74 -0.16 0.00	32.91 -0.17 0.00	31.69 -0.09 0.00	44.48 0.26 0.00	55.45 0.69 0.00	55.10 1.02 0.00	64.21 1.50 0.00	72.59 2.11 0.00	76.33 3.23 0.00	86.87 4.18 0.00	113.66 5.30 0.00	154.40 5.82 0.00	231.61 7.98 0.00	261.75 7.56 -0.01	578.85 15.13 0.00	744.70 6.69 0.00	1005.37 14.22 0.00	553.79 15.21 0.00	323.20 5.76 0.00	96.41 1.32 0.00	67.99 0.74 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	52.63 2.76 0.00	45.30 2.48 0.00	39.19 2.28 0.00	34.00 2.10 0.00	35.21 2.13 0.00	33.80 2.03 0.00	47.00 2.78 0.00	58.06 3.30 0.00	57.72 3.65 0.00	67.23 4.53 0.00	76.54 6.06 0.00	80.36 7.26 0.00	91.37 8.67 0.00	120.56 12.19 0.00	165.82 17.24 0.00	250.09 26.46 0.00	283.95 29.77 0.00	630.94 67.21 0.00	829.48 83.45 -8.02	1086.54 95.39 0.00	584.99 46.40 0.00	345.65 28.22 0.00	103.21 8.11 0.00	72.04 4.79 0.00
MUNSVILLE_WIND_PWR 323609	53.76 3.89 0.00	45.72 2.90 0.00	39.15 2.24 0.00	33.98 2.09 0.00	35.44 2.36 0.00	34.14 2.37 0.00	47.81 3.59 0.00	59.20 4.43 -0.01	58.42 4.34 0.00	67.43 4.69 -0.03	76.09 5.60 0.00	79.45 6.35 0.00	90.40 7.70 0.00	118.06 9.70 0.00	160.77 12.19 0.00	242.41 18.78 0.00	277.48 22.60 -0.70	615.92 51.82 -0.37	815.23 72.11 -5.11	1106.46 112.40 -2.91	602.68 64.09 0.00	350.37 32.94 0.00	103.72 8.62 0.00	72.49 5.25 0.00
N SALMON___HYD 24042	50.59 0.72 0.00	43.27 0.44 0.00	37.27 0.35 0.00	32.24 0.35 0.00	33.42 0.33 0.00	32.11 0.34 0.00	44.67 0.45 0.00	55.44 0.68 0.00	54.30 0.23 0.00	62.50 -0.21 0.00	69.29 -1.19 0.00	57.46 -2.81 12.84	29.03 -4.07 49.59	62.56 -5.95 39.85	-1.84 -8.73 141.69	64.02 -13.21 146.39	-14.22 -14.26 254.14	151.14 -30.51 382.07	188.82 -32.94 516.26	861.15 -42.18 87.82	517.65 -20.93 0.00	294.03 -11.08 12.31	10.21 -3.33 81.56	65.28 -1.97 0.00
N.AKRON__115KV_KNAPP 355671	51.12 1.25 0.00	43.08 0.26 0.00	36.19 -0.72 0.00	31.15 -0.74 0.00	32.31 -0.78 0.00	31.15 -0.63 0.00	43.90 -0.32 0.00	54.79 0.03 0.00	54.41 0.33 0.00	63.34 0.64 0.00	71.38 0.90 0.00	75.07 1.97 0.00	85.85 3.16 0.00	112.16 3.80 0.00	150.81 2.23 0.00	225.48 1.85 0.00	251.86 0.32 2.64	560.55 -1.71 1.46	711.40 -23.49 3.12	965.13 -24.99 1.03	539.19 0.60 0.00	313.85 -3.59 0.00	94.36 -0.74 0.00	66.78 -0.46 0.00
N.E_GEN_SANDY PD 24062	57.46 1.47 -6.12	44.11 1.29 0.00	38.75 1.33 -0.51	33.11 1.22 0.00	34.30 1.22 0.00	32.94 1.13 -0.04	45.15 1.35 0.42	57.25 1.54 -0.95	55.54 1.47 0.00	64.52 1.81 0.00	73.36 2.87 0.00	78.88 3.55 -2.23	81.40 3.93 5.22	114.03 5.67 0.00	159.00 8.96 -1.46	221.05 12.60 15.18	268.53 14.34 0.00	591.54 34.61 6.79	677.91 48.31 108.41	1008.17 53.35 36.33	550.44 25.99 14.13	335.56 17.76 -0.37	100.08 4.98 0.00	78.77 3.09 -8.43
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	52.38 2.52 0.00	45.04 2.22 0.00	38.96 2.05 0.00	33.75 1.85 0.00	34.97 1.89 0.00	33.55 1.78 0.00	46.66 2.45 0.00	57.71 2.95 0.00	57.30 3.23 0.00	66.85 4.14 0.00	76.15 5.66 0.00	79.92 6.82 0.00	90.91 8.22 0.00	119.94 11.57 0.00	165.28 16.70 0.00	248.96 25.33 0.00	282.88 28.71 0.00	629.18 65.46 0.00	827.62 81.85 -7.76	1085.27 94.13 0.00	585.34 46.75 0.00	345.22 27.79 0.00	102.79 7.69 0.00	71.78 4.53 0.00
N.QUEENS_27_KV_LOAD 356247	52.93 3.06 0.00	45.66 2.84 0.00	39.47 2.55 0.00	34.17 2.27 0.00	35.39 2.31 0.00	34.02 2.25 0.00	47.29 3.08 0.00	58.60 3.83 0.00	58.17 4.10 0.00	67.57 4.86 0.00	77.03 6.55 0.00	80.94 7.83 -0.01	92.08 9.38 -0.01	121.95 13.01 -0.57	167.00 18.31 -0.11	252.47 28.33 -0.51	286.19 32.01 0.00	635.51 71.79 0.00	835.65 88.01 -9.63	1091.65 98.49 -2.01	585.56 46.94 -0.03	348.31 29.22 -1.66	103.49 8.39 0.00	72.27 5.03 0.00
N.TROY___115KV_TB1 355778	51.36 1.50 0.00	44.10 1.28 0.00	38.16 1.25 0.00	33.01 1.11 0.00	34.22 1.14 0.00	32.83 1.06 0.00	45.51 1.29 0.00	56.19 1.43 0.00	55.32 1.25 0.00	64.14 1.43 0.00	72.71 2.22 0.00	75.82 2.72 0.00	85.66 2.96 0.00	112.63 4.27 0.00	155.55 6.96 0.00	233.22 9.60 0.00	265.29 11.12 0.00	591.75 28.03 0.00	808.71 42.30 -28.39	1041.01 49.86 0.00	563.87 25.28 0.00	333.71 16.28 0.00	99.66 4.56 0.00	70.12 2.87 0.00
NARROWS_GT1_1 24228	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT1_2 24229	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT1_3 24230	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT1_4 24231	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT1_5 24232	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00

NARROWS_GT1_6 24233	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT1_7 24234	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT1_8 24235	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT2_1 24236	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT2_2 24237	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT2_3 24238	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT2_4 24239	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT2_5 24240	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT2_6 24241	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT2_7 24242	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NARROWS_GT2_8 24243	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 0.00	84.52 7.63 -3.79	139.07 9.24 -47.14	194.52 12.89 -73.26	177.26 18.06 -10.62	251.45 27.82 0.00	285.25 31.07 0.00	633.47 69.74 0.00	830.82 84.80 -8.02	1086.67 95.52 0.00	584.66 46.07 0.00	345.01 27.57 0.00	103.10 8.00 0.00	72.06 4.81 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.81 1.95 0.00	44.43 1.61 0.00	38.44 1.52 0.00	33.24 1.34 0.00	34.45 1.37 0.00	32.97 1.20 0.00	45.74 1.52 0.00	56.47 1.71 0.00	55.35 1.28 0.00	63.99 1.28 0.00	72.38 1.90 0.00	75.46 2.36 0.00	85.36 2.67 0.00	112.05 3.68 0.00	155.25 6.67 0.00	233.58 9.96 0.00	264.97 10.79 0.00	591.46 27.74 0.00	795.71 41.48 -16.22	1046.81 55.66 0.00	568.72 30.14 0.00	335.24 17.81 0.00	99.94 4.85 0.00	70.29 3.04 0.00
NCHELSEA_115KV_TR2 355582	52.85 2.99 0.00	45.40 2.58 0.00	39.23 2.32 0.00	33.98 2.08 0.00	35.22 2.14 0.00	33.78 2.01 0.00	46.99 2.77 0.00	58.18 3.42 0.00	57.75 3.68 0.00	67.32 4.62 0.00	76.62 6.13 0.00	80.24 7.14 0.00	91.16 8.46 0.00	120.23 11.87 0.00	165.57 16.99 0.00	249.67 26.04 0.00	284.02 29.84 0.00	632.10 68.38 0.00	832.79 86.65 -8.12	1093.25 102.10 0.00	589.68 51.10 0.00	347.55 30.12 0.00	103.46 8.36 0.00	72.23 4.99 0.00
NEG CAPITAL____MECHNVIL 23645	52.41 2.55 0.00	44.94 2.12 0.00	38.78 1.87 0.00	33.51 1.62 0.00	34.78 1.70 0.00	33.39 1.62 0.00	46.40 2.18 0.00	57.34 2.58 0.00	56.54 2.46 0.00	65.58 2.87 0.00	74.25 3.76 0.00	77.62 4.52 0.00	87.80 5.10 0.00	115.40 7.04 0.00	159.22 10.64 0.00	239.05 15.43 0.00	272.07 17.89 0.00	607.75 44.03 0.00	833.73 64.20 -31.51	1072.90 81.75 0.00	581.75 43.16 0.00	342.56 25.13 0.00	102.07 6.98 0.00	71.60 4.36 0.00
NEG CENTRAL_HIGH_ACRES 23767	50.33 0.46 0.00	42.72 -0.10 0.00	36.31 -0.60 0.00	31.29 -0.61 0.00	32.44 -0.65 0.00	31.24 -0.53 0.00	43.81 -0.42 0.00	54.59 -0.17 0.00	54.25 0.18 0.00	63.17 0.46 0.00	71.44 0.96 0.00	75.08 1.98 0.00	85.46 2.77 0.00	111.81 3.45 0.00	152.10 3.52 0.00	228.60 4.98 0.00	258.99 4.81 -0.01	572.73 9.01 0.00	739.19 1.18 0.00	998.05 6.90 0.00	548.15 9.56 0.00	320.28 2.85 0.00	95.40 0.30 0.00	67.09 -0.15 0.00



NEG CENTRAL___DRP 24199	51.00 1.13 0.00	43.53 0.70 0.00	37.21 0.29 0.00	32.06 0.17 0.00	33.26 0.17 0.00	31.98 0.21 0.00	44.76 0.54 0.00	55.48 0.69 -0.02	55.02 0.95 0.00	63.82 1.07 -0.04	71.90 1.42 0.00	74.67 2.30 0.73	82.87 3.01 2.84	109.92 3.67 2.12	152.85 4.27 0.00	229.74 6.11 0.00	261.90 6.44 -1.28	578.76 14.35 -0.69	755.92 14.22 -3.69	1022.89 27.18 -4.55	557.01 18.42 0.00	326.19 8.76 0.00	97.26 2.17 0.00	68.32 1.08 0.00
NEG CENTRAL___INDECK 23768	51.36 1.50 0.00	43.50 0.68 0.00	36.76 -0.15 0.00	31.63 -0.26 0.00	32.72 -0.36 0.00	31.50 -0.27 0.00	44.43 0.21 0.00	55.14 0.38 0.00	54.13 0.06 0.00	62.63 -0.08 0.00	69.87 -0.62 0.00	72.57 -0.53 0.00	81.37 -1.33 0.00	106.58 -1.79 0.00	145.22 -3.36 0.00	220.98 -2.66 -0.01	262.35 -5.56 -13.73	558.63 -12.40 -7.30	729.06 -32.15 -23.20	974.02 -22.29 -5.16	546.31 7.72 0.00	313.62 -3.81 0.00	94.19 -0.90 0.00	68.89 1.65 0.00
NEG CENTRAL___SENECA 23627	51.25 1.38 0.00	43.69 0.87 0.00	37.29 0.37 0.00	32.13 0.24 0.00	33.33 0.24 0.00	32.05 0.28 0.00	44.89 0.67 0.00	55.67 0.90 -0.01	55.25 1.18 0.00	64.01 1.27 -0.02	72.09 1.61 0.00	75.72 2.62 0.00	86.04 3.35 0.00	112.39 4.03 0.00	153.27 4.69 0.00	230.37 6.74 0.00	263.13 6.92 -2.04	581.20 16.39 -1.08	758.51 15.74 -4.76	1022.93 28.75 -3.03	558.68 20.10 0.00	326.49 9.06 0.00	97.46 2.36 0.00	68.49 1.24 0.00
NEG CENTRAL___STATE_STREET 24147	51.03 1.17 0.00	43.61 0.79 0.00	37.36 0.45 0.00	32.22 0.32 0.00	33.44 0.36 0.00	32.18 0.41 0.00	44.98 0.76 0.00	55.51 0.73 -0.02	55.06 0.99 0.00	63.86 1.10 -0.06	71.94 1.46 0.00	74.50 2.19 0.79	82.68 3.04 3.06	109.46 3.37 2.28	152.36 3.77 0.00	229.17 5.54 0.00	260.21 6.03 0.00	576.68 12.94 -0.01	753.92 14.07 -1.84	1025.67 29.17 -5.36	558.09 19.50 0.00	327.21 9.78 0.00	97.55 2.45 0.00	68.47 1.22 0.00
NEG MILLWOOD___DRP 24198	53.02 3.15 0.00	45.53 2.70 0.00	39.35 2.43 0.00	34.08 2.19 0.00	35.32 2.24 0.00	33.88 2.11 0.00	47.14 2.92 0.00	58.37 3.60 0.00	57.99 3.92 0.00	67.66 4.95 0.00	77.09 6.61 0.00	80.94 7.84 0.00	92.08 9.38 0.00	121.53 13.16 0.00	167.28 18.70 0.00	252.26 28.63 0.00	286.87 32.69 0.00	638.24 74.52 0.00	840.33 94.16 -8.15	1102.75 111.60 0.00	594.23 55.64 0.00	350.28 32.85 0.00	104.25 9.15 0.00	72.72 5.47 0.00
NEG NORTH_FLCN_SEA 23793	51.09 1.23 0.00	43.64 0.82 0.00	37.55 0.63 0.00	32.45 0.56 0.00	33.76 0.68 0.00	32.42 0.65 0.00	44.88 0.66 0.00	55.77 1.01 0.00	54.66 0.59 0.00	62.94 0.23 0.00	70.05 -0.43 0.00	71.46 -1.65 0.00	79.88 -2.81 0.00	102.26 -3.99 2.12	118 -6.01 141.39	72.38 -10.82 140.43	-12.63 -11.65 255.16	168.12 -24.14 371.46	196.59 -25.63 515.80	864.67 -35.96 90.52	519.30 -19.29 0.00	300.32 -10.39 6.73	9.15 -2.96 82.98	65.15 -2.10 0.00
NEG NORTH_KES_CHATEGAY 23792	50.34 0.47 0.00	43.10 0.28 0.00	37.14 0.23 0.00	32.11 0.21 0.00	33.32 0.24 0.00	31.99 0.21 0.00	44.41 0.19 0.00	55.08 0.31 0.00	53.93 -0.15 0.00	62.06 -0.65 0.00	68.79 -1.69 0.00	66.39 -3.08 3.64	64.36 -4.28 14.05	89.51 -6.05 12.80	-1.75 -8.87 141.46	67.48 -14.12 142.02	-16.31 -15.60 254.89	155.83 -33.59 374.31	182.39 -39.70 515.92	850.24 -51.11 89.80	512.46 -26.13 0.00	294.16 -15.05 8.22	8.16 -4.33 82.60	64.50 -2.75 0.00
NEG NORTH___ALICE_FALLS 23915	51.23 1.36 0.00	43.76 0.94 0.00	37.65 0.74 0.00	32.53 0.64 0.00	33.83 0.74 0.00	32.49 0.72 0.00	45.00 0.78 0.00	55.96 1.19 0.00	54.78 0.71 0.00	62.95 0.24 0.00	70.11 -0.37 0.00	70.70 -1.60 0.80	76.86 -2.74 3.10	100.06 -3.84 4.46	1.23 -5.95 141.40	72.48 -10.46 140.68	-12.03 -11.09 255.12	168.87 -22.94 371.91	199.22 -22.98 515.82	870.51 -30.23 90.40	523.32 -15.27 0.00	302.39 -8.08 6.96	9.83 -2.35 82.92	65.54 -1.71 0.00
NEG NORTH___LWR_SARANAC 23913	51.23 1.36 0.00	43.76 0.94 0.00	37.65 0.74 0.00	32.53 0.64 0.00	33.83 0.74 0.00	32.49 0.72 0.00	45.00 0.78 0.00	55.96 1.19 0.00	54.78 0.71 0.00	62.95 0.24 0.00	70.11 -0.37 0.00	70.70 -1.60 0.80	76.86 -2.74 3.10	100.06 -3.84 4.46	1.23 -5.95 141.40	72.48 -10.46 140.68	-12.03 -11.09 255.12	168.87 -22.94 371.91	199.22 -22.98 515.82	870.51 -30.23 90.40	523.32 -15.27 0.00	302.39 -8.08 6.96	9.83 -2.35 82.92	65.54 -1.71 0.00
NEG NORTH___PLATTSBURG 23628	51.23 1.36 0.00	43.77 0.94 0.00	37.65 0.74 0.00	32.53 0.64 0.00	33.83 0.74 0.00	32.49 0.72 0.00	45.00 0.78 0.00	55.96 1.19 0.00	54.78 0.71 0.00	62.95 0.25 0.00	70.11 -0.37 0.00	70.70 -1.60 0.80	76.86 -2.74 3.10	100.06 -3.84 4.46	1.23 -5.95 141.40	72.47 -10.48 140.68	-12.12 -11.18 255.12	168.91 -22.90 371.91	199.21 -22.99 515.82	870.50 -30.25 90.40	523.32 -15.27 0.00	302.40 -8.07 6.96	9.83 -2.35 82.92	65.54 -1.71 0.00
NEG WEST_LEA_LOCKPORT 23791	49.98 0.11 0.00	42.12 -0.70 0.00	35.36 -1.55 0.00	30.43 -1.46 0.00	31.55 -1.53 0.00	30.40 -1.37 0.00	42.81 -1.41 0.00	53.43 -1.33 0.00	53.06 -1.01 0.00	61.79 -0.92 0.00	69.64 -0.85 0.00	73.43 0.33 0.00	83.74 1.04 0.00	109.43 1.06 0.00	147.60 -0.98 0.00	220.26 -3.36 0.00	244.61 -5.76 3.82	546.09 -15.83 1.80	689.98 -43.92 4.11	934.60 -55.28 1.27	522.51 -16.08 0.00	304.44 -12.99 0.00	91.30 -3.79 0.00	64.79 -2.46 0.00
NEG WEST___LANCASTR 23811	50.17 0.30 0.00	42.43 -0.39 0.00	35.75 -1.16 0.00	30.78 -1.12 0.00	31.94 -1.14 0.00	30.66 -1.11 0.00	43.17 -1.05 0.00	53.80 -0.96 0.00	53.63 -0.44 0.00	62.39 -0.32 0.00	70.50 0.02 0.00	74.41 1.31 0.00	84.93 2.24 0.00	111.25 2.88 0.00	150.86 2.28 0.00	225.90 2.28 0.00	251.56 0.43 3.06	561.88 -0.22 1.63	714.16 -20.50 3.35	963.32 -26.68 1.15	534.10 -4.49 0.00	311.56 -5.87 0.00	92.95 -2.14 0.00	65.70 -1.55 0.00
NEG_PENN_ALLEGHNY 23528	50.82 0.95 0.00	43.48 0.66 0.00	37.26 0.34 0.00	32.20 0.30 0.00	33.44 0.35 0.00	32.08 0.31 0.00	44.79 0.57 0.00	55.47 0.70 -0.01	55.06 0.98 0.00	63.83 1.09 -0.03	72.01 1.53 0.00	75.45 2.35 0.00	85.91 3.22 0.00	112.86 4.50 0.00	154.62 6.04 0.00	232.63 9.00 0.00	263.77 9.59 0.00	585.13 21.40 0.00	763.48 22.14 -3.33	1023.95 30.26 -2.54	556.32 17.73 0.00	326.82 9.38 0.00	97.51 2.41 0.00	68.41 1.17 0.00
NEG___GEN_MONROE 24207	51.79 1.93 0.00	43.81 0.99 0.00	37.08 0.16 0.00	31.91 0.02 0.00	33.10 0.02 0.00	31.88 0.11 0.00	44.79 0.58 0.00	55.85 1.08 0.00	55.45 1.38 0.00	64.56 1.85 0.00	72.94 2.45 0.00	76.64 3.54 0.00	87.40 4.71 0.00	114.23 5.87 0.00	154.73 6.14 0.00	232.10 8.47 0.00	262.38 8.18 -0.02	580.48 16.75 0.00	747.46 8.44 -1.00	1009.57 18.42 0.00	557.93 19.34 0.00	338.06 8.23 -12.39	109.64 2.15 -12.39	68.54 1.30 0.00
NEPA___ENERGY 23901	50.90 1.03 0.00	43.11 0.29 0.00	36.34 -0.57 0.00	31.32 -0.57 0.00	32.52 -0.56 0.00	31.22 -0.54 0.00	43.92 -0.30 0.00	54.64 -0.12 0.00	54.75 0.67 0.00	63.46 0.75 0.00	71.46 0.97 0.00	75.17 2.07 0.00	86.08 3.38 0.00	113.12 4.76 0.00	154.22 5.64 0.00	231.29 7.67 0.00	257.47 6.17 2.88	576.49 14.29 1.53	732.49 -2.46 3.06	984.86 -5.21 1.08	543.86 5.27 0.00	318.77 1.34 0.00	94.83 -0.26 0.00	66.53 -0.72 0.00

NEVERSINK___HYD 23608	51.95 2.09 0.00	44.62 1.80 0.00	38.55 1.63 0.00	33.37 1.48 0.00	34.60 1.52 0.00	33.19 1.42 0.00	46.21 1.99 0.00	57.22 2.46 0.00	56.66 2.59 0.00	65.82 3.11 0.00	74.44 3.95 0.00	76.00 2.89 0.00	86.23 3.53 0.00	113.50 5.13 0.00	155.68 7.10 0.00	235.03 11.40 0.00	269.00 14.82 0.00	614.02 50.30 0.00	810.09 64.39 -7.68	1066.65 75.51 0.00	576.01 37.43 0.00	339.33 21.90 0.00	100.97 5.88 0.00	70.53 3.29 0.00
NEWKRMKL_115KV_TB1 55635	50.56 0.69 0.00	43.46 0.64 0.00	37.68 0.76 0.00	32.60 0.70 0.00	33.79 0.71 0.00	32.38 0.61 0.00	44.85 0.63 0.00	55.35 0.58 0.00	54.53 0.46 0.00	63.34 0.63 0.00	71.91 1.42 0.00	74.97 1.87 0.00	84.85 2.16 0.00	111.55 3.18 0.00	153.86 5.28 0.00	231.47 7.84 0.00	263.17 8.99 0.00	585.39 21.67 0.00	791.50 30.70 -22.80	1025.60 34.45 0.00	555.23 16.65 0.00	327.79 10.36 0.00	97.96 2.86 0.00	69.06 1.81 0.00
NEWTON___FALLS_HYD 23847	49.58 -0.29 0.00	42.47 -0.36 0.00	36.57 -0.35 0.00	31.65 -0.24 0.00	32.70 -0.38 0.00	31.58 -0.19 0.00	44.30 0.08 0.00	54.52 -0.25 -0.01	53.52 -0.55 0.00	61.83 -0.90 -0.02	68.71 -1.78 0.00	42.55 -3.44 27.12	-26.95 -4.89 104.75	15.85 -6.91 85.61	-4.65 -9.62 143.61	25.89 -13.77 183.96	-8.67 -15.19 247.66	81.88 -32.86 448.98	182.37 -36.77 518.87	884.06 -38.26 68.83	522.42 -16.16 0.00	260.55 -9.33 47.56	19.40 -3.14 72.56	65.51 -1.74 0.00
NGRID_A1_DSASP 323792	49.31 -0.55 0.00	41.55 -1.27 0.00	34.88 -2.03 0.00	30.00 -1.89 0.00	31.10 -1.98 0.00	29.97 -1.81 0.00	42.19 -2.03 0.00	52.68 -2.09 0.00	52.38 -1.70 0.00	61.12 -1.59 0.00	68.92 -1.57 0.00	72.82 -0.28 0.00	83.02 0.33 0.00	108.41 0.05 0.00	146.31 -2.27 0.00	218.16 -5.47 0.00	242.31 -8.75 3.12	537.94 -24.12 1.66	679.66 -54.69 3.66	918.32 -71.65 1.17	513.83 -24.75 0.00	299.58 -17.85 0.00	89.80 -5.30 0.00	63.78 -3.46 0.00
NGRID_A2_DSASP 323793	49.31 -0.55 0.00	41.55 -1.27 0.00	34.88 -2.03 0.00	30.00 -1.89 0.00	31.10 -1.98 0.00	29.97 -1.81 0.00	42.19 -2.03 0.00	52.68 -2.09 0.00	52.38 -1.70 0.00	61.12 -1.59 0.00	68.92 -1.57 0.00	72.82 -0.28 0.00	83.02 0.33 0.00	108.41 0.05 0.00	146.31 -2.27 0.00	218.16 -5.47 0.00	242.31 -8.75 3.12	537.94 -24.12 1.66	679.66 -54.69 3.66	918.32 -71.65 1.17	513.83 -24.75 0.00	299.58 -17.85 0.00	89.80 -5.30 0.00	63.78 -3.46 0.00
NGRID_A4_DSASP 323807	49.31 -0.55 0.00	41.55 -1.27 0.00	34.88 -2.03 0.00	30.00 -1.89 0.00	31.10 -1.98 0.00	29.97 -1.81 0.00	42.19 -2.03 0.00	52.68 -2.09 0.00	52.38 -1.70 0.00	61.12 -1.59 0.00	68.92 -1.57 0.00	72.82 -0.28 0.00	83.02 0.33 0.00	108.41 0.05 0.00	146.31 -2.27 0.00	218.16 -5.47 0.00	242.31 -8.75 3.12	537.94 -24.12 1.66	679.66 -54.69 3.66	918.32 -71.65 1.17	513.83 -24.75 0.00	299.58 -17.85 0.00	89.80 -5.30 0.00	63.78 -3.46 0.00
NIAGARA_115E_LBMP 323715	49.48 -0.39 0.00	41.69 -1.13 0.00	34.99 -1.92 0.00	30.14 -1.76 0.00	31.24 -1.84 0.00	30.09 -1.68 0.00	42.38 -1.84 0.00	52.83 -1.93 0.00	52.48 -1.59 0.00	61.25 -1.46 0.00	69.09 -1.40 0.00	72.95 -0.15 0.00	83.17 0.48 0.00	108.64 0.27 0.00	146.63 -1.95 0.00	218.78 -4.84 0.00	244.03 -7.03 3.12	541.37 -20.67 1.68	682.72 -51.57 3.72	922.89 -67.07 1.19	516.83 -21.76 0.00	300.82 -16.61 0.00	90.31 -4.79 0.00	64.16 -3.09 0.00
NIAGARA_115W_LBMP 323714	49.19 -0.68 0.00	41.46 -1.36 0.00	34.81 -2.11 0.00	29.93 -1.96 0.00	31.04 -2.04 0.00	29.90 -1.87 0.00	42.10 -2.12 0.00	52.55 -2.21 0.00	52.25 -1.83 0.00	60.95 -1.76 0.00	68.75 -1.74 0.00	72.64 -0.46 0.00	82.80 0.11 0.00	108.12 -0.24 0.00	145.96 -2.62 0.00	217.68 -5.95 0.00	241.74 -9.34 3.10	536.61 -25.46 1.65	678.15 -56.22 3.64	916.13 -73.85 1.16	512.57 -26.02 0.00	298.92 -18.51 0.00	89.61 -5.49 0.00	63.65 -3.60 0.00
NIAGARA_230_LBMP 323716	49.83 -0.04 0.00	42.03 -0.79 0.00	35.32 -1.60 0.00	30.39 -1.51 0.00	31.50 -1.58 0.00	30.33 -1.44 0.00	42.69 -1.52 0.00	53.27 -1.49 0.00	52.95 -1.12 0.00	61.75 -0.96 0.00	69.69 -0.79 0.00	73.59 0.49 0.00	83.90 1.20 0.00	109.61 1.24 0.00	148.14 -0.44 0.00	221.08 -2.54 0.00	245.87 -5.32 2.98	546.73 -15.42 1.58	692.23 -42.34 3.44	934.78 -55.26 1.11	521.60 -16.99 0.00	304.30 -13.13 0.00	91.11 -3.98 0.00	64.67 -2.58 0.00
NIAGARA___115KV_198_GIBSON 55903	49.19 -0.68 0.00	41.46 -1.36 0.00	34.80 -2.11 0.00	29.93 -1.96 0.00	31.03 -2.05 0.00	29.90 -1.87 0.00	42.10 -2.11 0.00	52.55 -2.21 0.00	52.25 -1.83 0.00	60.96 -1.75 0.00	68.75 -1.74 0.00	72.64 -0.46 0.00	82.81 0.12 0.00	108.14 -0.22 0.00	145.93 -2.65 0.00	217.67 -5.96 0.00	241.67 -9.41 3.10	537.17 -24.90 1.65	678.28 -56.10 3.64	916.67 -73.31 1.16	512.77 -25.82 0.00	298.92 -18.52 0.00	89.59 -5.50 0.00	63.65 -3.60 0.00
NIAGARA____ 23760	49.83 -0.04 0.00	42.03 -0.79 0.00	35.32 -1.60 0.00	30.39 -1.51 0.00	31.50 -1.58 0.00	30.33 -1.44 0.00	42.69 -1.52 0.00	53.27 -1.49 0.00	52.95 -1.12 0.00	61.75 -0.96 0.00	69.69 -0.79 0.00	73.59 0.49 0.00	83.90 1.20 0.00	109.61 1.24 0.00	148.14 -0.44 0.00	221.08 -2.54 0.00	245.83 -5.32 3.03	546.69 -15.42 1.62	692.12 -42.34 3.55	934.75 -55.26 1.14	521.60 -16.99 0.00	304.30 -13.13 0.00	91.11 -3.98 0.00	64.67 -2.58 0.00
NINE_MILE_1 23575	48.75 -1.12 0.00	41.74 -1.08 0.00	35.85 -1.06 0.00	30.97 -0.93 0.00	32.13 -0.95 0.00	30.86 -0.91 0.00	43.05 -1.17 0.00	53.18 -1.43 0.15	52.77 -1.30 0.00	60.84 -1.50 0.37	68.98 -1.51 0.00	71.85 -1.25 0.00	81.47 -1.23 0.00	106.76 -1.61 0.00	146.02 -2.56 0.00	219.68 -3.94 0.00	249.55 -4.62 0.00	551.89 -11.83 0.00	714.00 -18.68 5.33	937.42 -17.51 36.22	530.82 -7.77 0.00	311.99 -5.44 0.00	93.22 -1.88 0.00	65.68 -1.57 0.00
NINE_MILE_2 23744	48.75 -1.12 0.00	41.74 -1.08 0.00	35.85 -1.06 0.00	30.97 -0.93 0.00	32.13 -0.95 0.00	30.87 -0.90 0.00	43.05 -1.17 0.00	53.18 -1.43 0.16	52.77 -1.30 0.00	60.84 -1.50 0.38	68.98 -1.51 0.00	71.85 -1.25 0.00	81.46 -1.24 0.00	106.75 -1.62 0.00	146.01 -2.57 0.00	219.68 -3.94 0.00	249.55 -4.62 0.00	551.89 -11.83 0.00	713.88 -18.72 5.41	936.88 -17.51 36.76	530.82 -7.77 0.00	311.99 -5.44 0.00	93.22 -1.88 0.00	65.68 -1.56 0.00
NM_CAPITAL___DRP 24208	50.58 0.71 0.00	43.47 0.65 0.00	37.70 0.79 0.00	32.62 0.72 0.00	33.82 0.73 0.00	32.40 0.63 0.00	44.88 0.66 0.00	55.39 0.63 0.00	54.56 0.49 0.00	63.38 0.67 0.00	71.94 1.46 0.00	75.01 1.91 0.00	84.85 2.15 0.00	111.62 3.25 0.00	153.88 5.30 0.00	231.43 7.81 0.00	263.08 8.90 0.00	585.32 21.60 0.00	791.48 30.98 -22.49	1025.60 34.45 0.00	555.13 16.54 0.00	328.12 10.68 0.00	98.08 2.99 0.00	69.12 1.87 0.00
NM_CENTRAL___DRP 24181	50.02 0.15 0.00	42.78 -0.04 0.00	36.70 -0.21 0.00	31.68 -0.21 0.00	32.88 -0.20 0.00	31.60 -0.17 0.00	44.12 -0.09 0.00	54.75 -0.03 -0.02	54.22 0.15 0.00	62.98 0.24 -0.04	71.03 0.54 0.00	73.05 1.10 1.16	79.79 1.56 4.47	107.23 2.20 3.34	151.20 2.62 0.00	227.55 3.93 0.00	258.43 4.25 0.00	571.51 7.78 -0.01	744.91 6.38 -0.52	1010.84 16.18 -3.52	549.08 10.49 0.00	322.22 4.79 0.00	96.11 1.01 0.00	67.55 0.30 0.00

NM_FRONTIER___DRP 24179	49.19 -0.68 0.00	41.46 -1.36 0.00	34.80 -2.11 0.00	29.93 -1.96 0.00	31.03 -2.05 0.00	29.90 -1.87 0.00	42.10 -2.11 0.00	52.55 -2.21 0.00	52.25 -1.83 0.00	60.96 -1.75 0.00	68.75 -1.74 0.00	72.64 -0.46 0.00	82.81 0.12 0.00	108.14 -0.22 0.00	145.93 -2.65 0.00	217.67 -5.96 0.00	241.67 -9.41 3.10	537.17 -24.90 1.65	678.28 -56.10 3.64	916.67 -73.31 1.16	512.77 -25.82 0.00	298.92 -18.52 0.00	89.59 -5.50 0.00	63.65 -3.60 0.00
NM_ST_REGIS___HYD 24053	50.06 0.19 0.00	42.92 0.10 0.00	37.00 0.09 0.00	31.99 0.09 0.00	33.05 -0.03 0.00	31.83 0.07 0.00	44.37 0.15 0.00	54.72 -0.04 0.00	53.47 -0.60 0.00	61.49 -1.22 0.00	68.19 -2.30 0.00	34.01 -4.65 34.45	-56.75 -6.38 133.06	-4.33 -9.31 103.38	-6.47 -12.83 142.21	48.55 -18.45 156.63	-18.31 -20.12 252.37	118.44 -44.98 400.31	169.54 -51.42 517.05	843.49 -64.47 83.18	507.32 -31.27 0.00	279.66 -15.85 21.92	11.25 -4.74 79.11	65.06 -2.18 0.00
NORTHPORT___1 23551	51.14 1.28 0.00	44.56 1.74 0.00	38.77 1.85 0.00	33.76 1.86 0.00	34.92 1.83 0.00	33.44 1.67 0.00	46.03 1.81 0.00	56.53 1.77 0.00	56.19 2.12 0.00	65.32 2.62 0.01	75.38 4.73 -0.16	80.18 6.08 -1.00	104.90 7.61 -14.59	166.80 10.64 -47.80	143.05 12.91 18.44	207.33 19.26 35.56	267.58 22.62 9.22	594.61 50.92 20.03	828.76 75.22 -15.52	1064.36 78.38 5.17	559.52 31.76 10.83	332.77 19.60 4.26	100.05 5.07 0.11	63.47 2.95 6.73
NORTHPORT___2 23552	51.14 1.28 0.00	44.56 1.74 0.00	38.77 1.85 0.00	33.76 1.86 0.00	34.92 1.83 0.00	33.44 1.67 0.00	46.03 1.81 0.00	56.53 1.77 0.00	56.19 2.12 0.00	65.32 2.62 0.01	75.38 4.73 -0.16	80.18 6.08 -1.00	101.19 7.61 -10.88	135.03 10.64 -16.02	143.05 12.91 18.44	207.33 19.26 35.56	267.58 22.62 9.22	594.37 50.92 20.27	817.66 75.22 -4.43	1064.35 78.38 5.18	559.52 31.76 10.83	332.77 19.60 4.26	100.05 5.07 0.11	63.47 2.95 6.73
NORTHPORT___3 23553	51.16 1.30 0.00	44.63 1.81 0.00	38.84 1.93 0.00	33.80 1.90 0.00	34.96 1.88 0.00	33.49 1.72 0.00	46.08 1.86 0.00	56.57 1.81 0.00	56.16 2.08 0.00	65.21 2.50 0.00	75.21 4.58 -0.14	80.00 5.97 -0.93	100.99 7.46 -10.84	134.92 10.60 -15.96	143.34 13.16 18.41	207.71 19.90 35.82	268.21 23.27 9.23	595.88 52.44 20.28	817.18 74.94 -4.22	1064.08 78.37 5.43	559.23 31.52 10.88	333.26 20.31 4.48	100.32 5.34 0.12	63.46 3.08 6.87
NORTHPORT___4 23650	51.16 1.30 0.00	44.63 1.81 0.00	38.84 1.93 0.00	33.80 1.90 0.00	34.96 1.88 0.00	33.49 1.72 0.00	46.08 1.86 0.00	56.57 1.81 0.00	56.16 2.08 0.00	65.21 2.50 0.00	75.21 4.58 -0.14	80.00 5.97 -0.93	100.99 7.46 -10.84	134.92 10.60 -15.96	143.34 13.16 18.41	207.71 19.90 35.82	268.21 23.27 9.23	595.88 52.44 20.28	817.18 74.94 -4.22	1064.08 78.37 5.43	559.23 31.52 10.88	333.26 20.31 4.48	100.32 5.34 0.12	63.46 3.08 6.87
NORTHPORT___IC 23718	51.14 1.28 0.00	44.56 1.74 0.00	38.77 1.85 0.00	33.75 1.86 0.00	34.91 1.83 0.00	33.44 1.67 0.00	46.03 1.81 0.00	56.53 1.77 0.00	56.19 2.12 0.00	65.32 2.62 0.01	75.38 4.73 -0.16	80.18 6.08 -1.00	101.15 7.57 -10.88	135.04 10.65 -16.02	143.06 12.93 18.44	207.36 19.30 35.56	267.58 22.62 9.22	594.43 50.98 20.27	818.01 75.57 -4.43	1065.12 79.14 5.17	559.55 31.80 10.83	332.85 19.68 4.26	100.06 5.08 0.11	63.56 3.04 6.73
NORTH___COUNTRY_ESR 323785	50.20 0.33 0.00	43.00 0.17 0.00	37.05 0.14 0.00	32.03 0.14 0.00	33.23 0.15 0.00	31.90 0.13 0.00	44.28 0.06 0.00	54.99 0.23 0.00	53.90 -0.18 0.00	62.05 -0.66 0.00	68.78 -1.71 0.00	66.30 -3.09 3.71	64.06 -4.30 14.34	89.25 -6.09 13.02	-1.79 -8.90 141.47	67.33 -14.24 142.06	-16.43 -15.73 254.88	155.60 -33.75 374.37	182.17 -39.91 515.93	848.38 -52.99 89.78	509.95 -28.64 0.00	292.81 -16.37 8.26	7.78 -4.72 82.59	64.25 -3.00 0.00
NPX_GEN_1385_PROXY 323591	50.61 0.74 0.00	44.24 1.42 0.00	38.35 1.44 0.00	33.52 1.63 0.00	34.67 1.59 0.00	33.09 1.32 0.00	43.34 1.33 2.20	56.14 1.38 0.00	55.93 1.86 0.00	64.65 1.95 0.01	75.50 4.84 -0.16	79.83 5.73 -1.00	103.48 7.08 -13.70	159.15 10.59 -40.19	143.39 13.25 18.44	205.78 17.72 35.56	265.31 20.35 9.22	590.54 46.91 20.09	833.13 82.25 -12.87	1071.29 85.31 5.17	550.14 30.72 19.16	334.24 21.08 4.26	100.35 5.37 0.11	63.67 3.15 6.73
NPX_GEN_CSC 323557	51.50 1.64 0.00	44.60 1.78 0.00	38.66 1.75 0.00	33.66 1.76 0.00	34.83 1.75 0.00	33.45 1.68 0.00	43.86 1.84 2.20	56.82 2.06 0.00	56.71 2.64 0.00	66.18 3.47 0.00	76.66 5.90 -0.28	82.13 7.53 -1.50	107.46 9.35 -15.41	178.62 12.60 -57.66	184.12 15.23 -20.31	251.67 22.54 -5.50	284.10 26.59 -3.33	623.42 59.17 -0.53	898.28 103.25 -57.01	1101.74 115.87 5.28	580.04 49.84 8.39	336.81 23.74 4.36	100.98 5.99 0.10	64.80 3.52 5.97
NSINS_S_GLNS_FALLS 23858	52.85 2.98 0.00	45.09 2.27 0.00	38.90 1.99 0.00	33.61 1.72 0.00	34.90 1.82 0.00	33.55 1.78 0.00	46.53 2.31 0.00	57.55 2.79 0.00	56.79 2.72 0.00	65.75 3.05 0.00	74.25 3.77 0.00	77.75 4.65 0.00	87.85 5.15 0.00	115.47 7.11 0.00	160.02 11.44 0.00	240.09 16.47 0.00	272.93 18.75 0.00	610.74 47.02 0.00	844.38 73.36 -33.01	1084.54 93.40 0.00	589.32 50.74 0.00	344.50 27.07 0.00	102.67 7.57 0.00	71.74 4.50 0.00
NUCOR_STEEL___DRP 24197	50.97 1.10 0.00	43.56 0.74 0.00	37.33 0.41 0.00	32.19 0.29 0.00	33.41 0.33 0.00	32.15 0.38 0.00	44.93 0.71 0.00	55.46 0.67 -0.02	55.00 0.92 0.00	63.80 1.03 -0.06	71.88 1.39 0.00	74.40 2.11 0.81	82.45 2.88 3.13	109.19 3.16 2.33	152.06 3.48 0.00	228.70 5.07 0.00	259.68 5.50 0.00	575.20 11.46 -0.01	751.77 11.91 -1.84	1022.48 25.62 -5.72	555.74 17.15 0.00	326.11 8.68 0.00	97.25 2.16 0.00	68.33 1.08 0.00
NUMBER_THREE_WT_PWR 323818	49.42 -0.45 0.00	42.26 -0.56 0.00	36.44 -0.48 0.00	31.58 -0.31 0.00	32.67 -0.41 0.00	31.60 -0.17 0.00	44.59 0.37 0.00	54.91 0.14 -0.01	54.23 0.16 0.00	62.97 0.24 -0.02	70.38 -0.11 0.00	60.49 -0.89 11.73	35.59 -1.80 45.29	58.81 -2.62 46.93	-22.63 -3.86 167.35	-30.97 -5.54 249.06	-30.97 -6.20 278.95	-30.97 -11.99 582.71	125.67 -11.67 600.67	925.75 -3.00 62.39	541.14 2.55 0.00	225.90 -1.93 89.60	19.06 -1.32 74.71	65.98 -1.27 0.00
NYISO_LBMP_REFERENCE 24008	49.87 0.00 0.00	42.82 0.00 0.00	36.91 0.00 0.00	31.90 0.00 0.00	33.08 0.00 0.00	31.77 0.00 0.00	44.22 0.00 0.00	54.76 0.00 0.00	54.07 0.00 0.00	62.71 0.00 0.00	70.49 0.00 0.00	73.10 0.00 0.00	82.69 0.00 0.00	108.37 0.00 0.00	148.58 0.00 0.00	223.63 0.00 0.00	254.18 0.00 0.00	563.72 0.00 0.00	738.01 0.00 0.00	991.15 0.00 0.00	538.59 0.00 0.00	317.43 0.00 0.00	95.10 0.00 0.00	67.25 0.00 0.00
NYPA_BRENTWD____GT 24164	52.28 2.42 0.00	45.38 2.56 0.00	39.37 2.45 0.00	34.24 2.34 0.00	35.42 2.34 0.00	33.95 2.18 0.00	46.81 2.59 0.00	57.72 2.96 0.00	57.51 3.44 0.00	66.81 4.11 0.00	77.36 6.46 -0.41	82.96 7.96 -1.90	106.30 9.40 -14.20	163.56 12.59 -42.61	170.70 15.75 -6.37	251.45 23.70 -4.12	282.50 27.77 -0.55	625.88 62.60 0.45	848.97 90.30 -20.66	1084.21 98.15 5.08	580.75 42.22 0.06	338.40 25.17 4.19	102.10 7.08 0.09	66.70 4.48 5.03

NYPA_GOWANUS____GT5 24156	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.46 4.75 0.00	76.87 6.38 0.00	84.50 7.61 -3.79	139.06 9.23 -47.14	194.49 12.86 -73.26	177.25 18.04 -10.62	251.41 27.78 0.00	285.15 30.97 0.00	633.21 69.48 0.00	830.55 84.52 -8.02	1086.41 95.25 0.00	584.57 45.98 0.00	344.80 27.37 0.00	103.04 7.94 0.00	72.02 4.77 0.00
NYPA_GOWANUS____GT6 24157	52.80 2.93 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.33 2.25 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.46 4.75 0.00	76.87 6.38 0.00	84.50 7.61 -3.79	139.06 9.23 -47.14	194.49 12.86 -73.26	177.25 18.04 -10.62	251.41 27.78 0.00	285.15 30.97 0.00	633.21 69.48 0.00	830.55 84.52 -8.02	1086.41 95.25 0.00	584.57 45.98 0.00	344.80 27.37 0.00	103.04 7.94 0.00	72.02 4.77 0.00
NYPA_HARLEM__RVR__GT1 24160	52.75 2.88 0.00	45.50 2.68 0.00	39.34 2.43 0.00	34.08 2.18 0.00	35.30 2.22 0.00	33.92 2.15 0.00	47.14 2.92 0.00	58.39 3.63 -0.01	57.93 3.86 0.00	67.29 4.58 0.00	76.68 6.20 0.00	80.56 7.46 0.01	91.65 8.96 0.00	120.82 12.46 0.00	166.16 17.57 0.00	250.84 27.22 0.00	284.86 30.68 0.00	632.79 69.06 -0.01	830.45 84.41 -8.03	1085.22 94.06 -0.01	583.34 44.74 -0.01	345.34 27.90 -0.01	103.10 8.00 0.00	72.01 4.76 -0.01
NYPA_HARLEM__RVR__GT2 24161	52.75 2.88 0.00	45.50 2.68 0.00	39.34 2.43 0.00	34.08 2.18 0.00	35.30 2.22 0.00	33.92 2.15 0.00	47.14 2.92 0.00	58.39 3.63 -0.01	57.93 3.86 0.00	67.29 4.58 0.00	76.68 6.20 0.00	80.56 7.46 0.01	91.65 8.96 0.00	120.82 12.46 0.00	166.16 17.57 0.00	250.84 27.22 0.00	284.86 30.68 0.00	632.79 69.06 -0.01	830.45 84.41 -8.03	1085.22 94.06 -0.01	583.34 44.74 -0.01	345.34 27.90 -0.01	103.10 8.00 0.00	72.01 4.76 -0.01
NYPA_KENT____GT 24152	52.70 2.83 0.00	45.44 2.61 0.00	39.31 2.40 0.00	34.10 2.20 0.00	35.31 2.23 0.00	33.90 2.13 0.00	47.13 2.91 0.00	58.18 3.42 0.00	57.87 3.79 0.00	67.33 4.62 0.00	76.67 6.18 0.00	82.04 7.41 -1.53	118.45 8.94 -26.82	162.99 12.50 -42.12	172.27 17.58 -6.11	250.75 27.13 0.00	284.49 30.31 0.00	631.84 68.11 0.00	829.16 83.13 -8.02	1084.83 93.69 0.00	583.50 44.92 0.00	344.75 27.32 0.00	102.99 7.89 0.00	71.93 4.68 0.00
NYPA_POUCH1____GT 24155	52.65 2.79 0.00	45.48 2.65 0.00	39.32 2.41 0.00	34.05 2.15 0.00	35.23 2.15 0.00	33.82 2.05 0.00	47.04 2.82 0.00	57.94 3.18 0.00	57.66 3.59 0.00	67.18 4.47 0.00	76.57 6.08 0.00	78.86 7.26 1.50	91.47 8.78 0.01	120.64 12.28 0.00	166.16 17.58 0.00	250.88 27.26 0.00	284.67 30.49 0.00	632.52 68.80 0.00	829.80 83.77 -8.02	1085.89 94.74 0.00	583.99 45.40 0.00	343.44 26.01 0.01	102.68 7.58 0.00	71.81 4.56 0.00
NYPA_VERNON____GT2 24162	52.58 2.72 0.00	45.33 2.50 0.00	39.23 2.32 0.00	34.07 2.18 0.00	35.29 2.20 0.00	33.88 2.11 0.00	47.07 2.85 0.00	58.12 3.36 0.00	57.81 3.73 0.00	67.25 4.55 0.00	76.52 6.04 0.00	79.63 7.25 0.72	97.92 8.72 -6.50	131.58 12.23 -10.98	167.47 17.28 -1.61	250.34 26.71 0.00	284.03 29.85 0.00	630.93 67.21 0.00	828.13 82.11 -8.02	1083.65 92.50 0.00	582.93 44.34 0.00	344.95 27.53 0.00	102.98 7.89 0.00	71.90 4.65 0.00
NYPA_VERNON____GT3 24163	52.58 2.72 0.00	45.33 2.50 0.00	39.23 2.32 0.00	34.07 2.18 0.00	35.29 2.20 0.00	33.88 2.11 0.00	47.07 2.85 0.00	58.12 3.36 0.00	57.81 3.73 0.00	67.25 4.55 0.00	76.52 6.04 0.00	79.63 7.25 0.72	97.92 8.72 -6.50	131.58 12.23 -10.98	167.47 17.28 -1.61	250.34 26.71 0.00	284.03 29.85 0.00	630.93 67.21 0.00	828.13 82.11 -8.02	1083.65 92.50 0.00	582.93 44.34 0.00	344.95 27.53 0.00	102.98 7.89 0.00	71.90 4.65 0.00
NYPA____ASTORIA_CC1 323568	52.44 2.57 0.00	45.20 2.38 0.00	39.15 2.24 0.00	34.01 2.12 0.00	35.23 2.14 0.00	33.82 2.05 0.00	46.95 2.73 0.00	57.99 3.23 0.00	57.64 3.57 0.00	67.07 4.36 0.00	76.35 5.86 0.00	78.30 7.06 1.87	90.30 8.51 0.90	120.20 11.96 0.13	165.51 16.93 0.00	249.83 26.21 0.00	283.47 29.29 0.00	629.58 65.86 0.00	826.45 80.42 -8.02	1081.13 89.98 0.00	581.57 42.98 0.00	344.29 26.86 0.00	102.79 7.70 0.00	71.75 4.50 0.00
NYPA____ASTORIA_CC2 323569	52.44 2.57 0.00	45.20 2.38 0.00	39.15 2.24 0.00	34.01 2.12 0.00	35.23 2.14 0.00	33.82 2.05 0.00	46.95 2.73 0.00	57.99 3.23 0.00	57.64 3.57 0.00	67.07 4.36 0.00	76.35 5.86 0.00	78.30 7.06 1.87	90.30 8.51 0.90	120.20 11.96 0.13	165.51 16.93 0.00	249.83 26.21 0.00	283.47 29.29 0.00	629.58 65.86 0.00	826.45 80.42 -8.02	1081.13 89.98 0.00	581.57 42.98 0.00	344.29 26.86 0.00	102.79 7.70 0.00	71.75 4.50 0.00
NYPA____HOLTSVILL 23794	51.76 1.90 0.00	44.91 2.08 0.00	38.96 2.05 0.00	33.91 2.02 0.00	35.07 1.99 0.00	33.66 1.89 0.00	46.34 2.12 0.00	57.09 2.33 0.00	56.85 2.78 0.00	66.21 3.51 0.00	76.55 5.79 -0.27	82.03 7.33 -1.61	110.92 9.02 -19.20	215.59 12.21 -95.01	218.34 14.79 -54.97	254.62 21.95 -9.04	290.17 25.86 -10.13	621.98 57.74 -0.52	880.38 87.72 -54.65	1081.07 95.21 5.29	578.51 39.98 0.06	337.00 23.93 4.37	101.23 6.24 0.10	65.02 3.81 6.03
NYPA____HELLGATE_GT1 24158	52.75 2.88 0.00	45.50 2.68 0.00	39.34 2.43 0.00	34.08 2.18 0.00	35.30 2.22 0.00	33.92 2.15 0.00	47.14 2.92 0.00	58.39 3.63 0.00	57.93 3.86 0.00	67.29 4.58 0.00	76.68 6.20 0.00	80.56 7.46 0.00	91.66 8.96 0.00	120.82 12.46 0.00	166.16 17.57 0.00	250.86 27.24 0.00	284.86 30.68 0.00	632.79 69.06 -0.01	830.45 84.41 -8.03	1085.22 94.06 -0.01	583.34 44.74 -0.01	345.34 27.90 -0.01	103.10 8.00 0.00	72.01 4.76 -0.01
NYPA____HELLGATE_GT2 24159	52.75 2.88 0.00	45.50 2.68 0.00	39.34 2.43 0.00	34.08 2.18 0.00	35.30 2.22 0.00	33.92 2.15 0.00	47.14 2.92 0.00	58.39 3.63 0.00	57.93 3.86 0.00	67.29 4.58 0.00	76.68 6.20 0.00	80.56 7.46 0.00	91.66 8.96 0.00	120.82 12.46 0.00	166.16 17.57 0.00	250.86 27.24 0.00	284.86 30.68 0.00	632.79 69.06 -0.01	830.45 84.41 -8.03	1085.22 94.06 -0.01	583.34 44.74 -0.01	345.34 27.90 -0.01	103.10 8.00 0.00	72.01 4.76 -0.01
NYS_BARGE____HYD 23848	50.13 0.26 0.00	42.24 -0.58 0.00	35.46 -1.46 0.00	30.52 -1.37 0.00	31.64 -1.44 0.00	30.49 -1.28 0.00	42.95 -1.27 0.00	53.59 -1.18 0.00	53.23 -0.85 0.00	62.03 -0.67 0.00	69.93 -0.55 0.00	73.79 0.69 0.00	84.16 1.46 0.00	109.99 1.62 0.00	148.35 -0.23 0.00	221.44 -2.18 0.00	246.99 -4.24 2.95	548.43 -13.67 1.62	693.82 -40.61 3.58	939.12 -50.88 1.15	525.25 -13.34 0.00	305.89 -11.54 0.00	91.78 -3.32 0.00	65.11 -2.13 0.00
OAK ORCHARD____HYD 24046	51.32 1.45 0.00	43.50 0.68 0.00	36.86 -0.05 0.00	31.74 -0.16 0.00	32.92 -0.17 0.00	31.68 -0.09 0.00	44.48 0.26 0.00	55.44 0.68 0.00	55.09 1.02 0.00	64.21 1.50 0.00	72.59 2.11 0.00	76.34 3.23 0.00	86.87 4.18 0.00	113.67 5.30 0.00	154.43 5.85 0.00	231.62 7.99 0.00	261.84 7.64 -0.01	578.56 14.84 0.00	744.70 6.69 0.00	1005.13 13.98 0.00	553.73 15.14 0.00	323.19 5.76 0.00	96.42 1.32 0.00	67.99 0.74 0.00

OAKDALE___35_KV_LOAD 356122	50.71 0.84 0.00	43.39 0.57 0.00	37.20 0.28 0.00	32.15 0.26 0.00	33.40 0.32 0.00	32.03 0.26 0.00	44.70 0.49 0.00	55.34 0.56 -0.01	54.90 0.82 0.00	63.63 0.90 -0.03	71.77 1.28 0.00	75.17 2.06 0.00	85.58 2.89 0.00	112.36 3.99 0.00	153.89 5.31 0.00	231.56 7.94 0.00	262.46 8.28 0.00	582.22 18.49 0.00	759.24 17.86 -3.36	1018.34 24.71 -2.47	553.34 14.75 0.00	325.27 7.84 0.00	97.12 2.02 0.00	68.18 0.94 0.00
OCC_CHEM___DRP 24175	49.31 -0.55 0.00	41.56 -1.27 0.00	34.88 -2.03 0.00	30.00 -1.89 0.00	31.10 -1.98 0.00	29.96 -1.81 0.00	42.19 -2.02 0.00	52.68 -2.08 0.00	52.38 -1.70 0.00	61.11 -1.60 0.00	68.90 -1.58 0.00	72.82 -0.28 0.00	83.02 0.33 0.00	108.40 0.04 0.00	146.29 -2.29 0.00	218.17 -5.46 0.00	242.23 -8.82 3.12	538.46 -23.61 1.66	679.99 -54.36 3.66	918.82 -71.15 1.17	514.04 -24.55 0.00	299.59 -17.84 0.00	89.79 -5.30 0.00	63.79 -3.46 0.00
OH_GEN_PROXY 24063	49.88 0.01 0.00	42.09 -0.73 0.00	35.39 -1.52 0.00	30.45 -1.44 0.00	31.57 -1.51 0.00	30.39 -1.38 0.00	40.57 -1.45 2.20	53.36 -1.40 0.00	53.06 -1.01 0.00	61.85 -0.86 0.00	69.81 -0.67 0.00	73.73 0.63 0.00	84.06 1.36 0.00	109.83 1.47 0.00	148.50 -0.08 0.00	228.24 -1.87 -6.48	246.97 -4.52 2.69	548.87 -13.43 1.42	695.76 -39.28 2.97	938.89 -51.26 1.00	514.97 -15.29 8.33	305.43 -12.00 0.00	91.38 -3.72 0.00	64.79 -2.45 0.00
OLIN_CORP_DRP 24177	49.58 -0.29 0.00	41.78 -1.05 0.00	35.07 -1.85 0.00	30.20 -1.69 0.00	31.30 -1.78 0.00	30.15 -1.62 0.00	42.47 -1.75 0.00	52.92 -1.85 0.00	52.59 -1.49 0.00	61.37 -1.34 0.00	69.24 -1.25 0.00	73.11 0.01 0.00	83.37 0.68 0.00	108.90 0.53 0.00	146.97 -1.61 0.00	219.29 -4.33 0.00	244.54 -6.48 3.16	543.38 -18.65 1.70	684.98 -49.26 3.77	926.33 -63.62 1.20	518.09 -20.49 0.00	301.70 -15.73 0.00	90.50 -4.60 0.00	64.28 -2.97 0.00
OLIN_CORP_DSASP 323712	49.31 -0.55 0.00	41.55 -1.27 0.00	34.88 -2.03 0.00	30.00 -1.89 0.00	31.10 -1.98 0.00	29.97 -1.81 0.00	42.19 -2.03 0.00	52.68 -2.09 0.00	52.38 -1.70 0.00	61.12 -1.59 0.00	68.92 -1.57 0.00	72.82 -0.28 0.00	83.02 0.33 0.00	108.41 0.05 0.00	146.31 -2.27 0.00	218.16 -5.47 0.00	242.31 -8.75 3.12	537.94 -24.12 1.66	679.66 -54.69 3.66	918.32 -71.65 1.17	513.83 -24.75 0.00	299.58 -17.85 0.00	89.80 -5.30 0.00	63.78 -3.46 0.00
ONEIDA_HERK_LFGE 323681	50.45 0.59 0.00	43.21 0.39 0.00	37.22 0.30 0.00	32.20 0.31 0.00	33.39 0.30 0.00	32.16 0.39 0.00	45.08 0.86 0.00	55.71 0.94 -0.01	55.05 0.98 0.00	63.94 1.22 -0.01	71.89 1.40 0.00	69.06 1.32 5.36	83.23 1.24 20.71	99.12 1.66 10.90	194.22 2.23 -43.41	300.54 3.34 -73.58	327.94 3.89 -69.87	740.15 9.67 -166.76	907.43 14.33 -155.09	1030.13 25.43 -13.55	554.26 15.67 0.00	356.90 7.39 -32.08	113.62 1.69 -16.84	68.04 0.79 0.00
ONEIDA___115KV_TB4 55905	51.31 1.44 0.00	43.95 1.12 0.00	37.78 0.87 0.00	32.63 0.73 0.00	33.87 0.79 0.00	32.58 0.81 0.00	45.53 1.31 0.00	56.37 1.60 -0.01	55.77 1.69 0.00	64.77 2.04 -0.02	73.04 2.56 0.00	73.83 3.00 2.26	77.48 3.52 8.74	108.26 4.87 4.98	172.22 6.73 -16.91	260.37 9.89 -26.85	292.76 10.86 -27.72	648.93 23.38 -61.83	827.95 29.11 -60.82	1043.90 45.16 -7.60	564.62 26.03 0.00	341.96 13.82 -10.71	105.73 3.57 -7.07	69.23 1.99 0.00
ONONDAGA_REF_OCCRA 23987	50.38 0.51 0.00	43.09 0.27 0.00	36.96 0.06 0.00	31.92 0.03 0.00	33.13 0.05 0.00	31.84 0.07 0.00	44.46 0.24 0.00	55.14 0.36 -0.02	54.58 0.51 0.00	63.36 0.61 -0.04	71.39 0.90 0.00	73.59 1.50 1.01	80.84 2.05 3.90	108.28 2.82 2.91	152.11 3.54 0.00	228.92 5.29 0.00	259.99 5.81 0.00	575.47 11.73 -0.01	751.02 12.38 -0.62	1019.58 24.23 -4.21	553.33 14.74 0.00	324.75 7.32 0.00	96.82 1.72 0.00	68.02 0.77 0.00
ONONDAGA___COGEN 23986	50.25 0.38 0.00	42.99 0.17 0.00	36.89 -0.02 0.00	31.85 -0.04 0.00	33.05 -0.03 0.00	31.77 0.00 0.00	44.38 0.16 0.00	54.98 0.19 -0.03	54.39 0.32 0.00	63.14 0.36 -0.07	71.02 0.53 0.00	73.08 0.94 0.96	80.40 1.41 3.70	107.50 1.90 2.76	150.77 2.19 0.00	226.81 3.19 0.00	257.54 3.36 0.00	569.77 6.04 -0.01	743.81 4.86 -0.94	1012.75 15.23 -6.37	548.73 10.14 0.00	321.94 4.51 0.00	96.01 0.91 0.00	67.50 0.25 0.00
ONTARIO___LFGE 23819	51.24 1.38 0.00	43.69 0.87 0.00	37.29 0.37 0.00	32.13 0.24 0.00	33.33 0.24 0.00	32.05 0.28 0.00	44.89 0.67 0.00	55.66 0.89 -0.01	55.25 1.18 0.00	64.01 1.27 -0.02	72.10 1.61 0.00	75.72 2.62 0.00	86.05 3.36 0.00	112.39 4.03 0.00	153.28 4.70 0.00	230.35 6.72 0.00	263.09 6.87 -2.04	580.96 16.16 -1.08	758.51 15.73 -4.76	1022.73 28.55 -3.03	558.58 20.00 0.00	326.49 9.06 0.00	97.46 2.36 0.00	68.49 1.25 0.00
ORANGEVILLE_WT_PWR 323706	49.85 -0.02 0.00	42.23 -0.59 0.00	35.64 -1.27 0.00	30.66 -1.24 0.00	31.69 -1.39 0.00	30.51 -1.26 0.00	42.89 -1.33 0.00	53.45 -1.31 0.00	53.06 -1.01 0.00	61.62 -1.08 0.00	69.18 -1.31 0.00	72.74 -0.37 0.00	82.93 0.24 0.00	108.59 0.23 0.00	147.13 -1.45 0.00	220.23 -3.39 0.01	232.74 -5.66 15.78	542.96 -12.39 8.37	686.68 -28.05 23.29	957.01 -28.23 5.91	534.50 -4.09 0.00	310.85 -6.59 0.00	92.90 -2.20 0.00	65.41 -1.84 0.00
ORANGEVILLE___ESR 323794	49.85 -0.02 0.00	42.23 -0.59 0.00	35.64 -1.27 0.00	30.66 -1.24 0.00	31.69 -1.39 0.00	30.51 -1.26 0.00	42.89 -1.33 0.00	53.45 -1.31 0.00	53.06 -1.01 0.00	61.62 -1.08 0.00	69.18 -1.31 0.00	72.74 -0.37 0.00	82.93 0.24 0.00	108.59 0.23 0.00	147.13 -1.45 0.00	220.23 -3.39 0.01	232.74 -5.66 15.78	542.96 -12.39 8.37	686.68 -28.05 23.29	957.01 -28.23 5.91	534.50 -4.09 0.00	310.85 -6.59 0.00	92.90 -2.20 0.00	65.41 -1.84 0.00
OSWEGATCHIE___HYD 24044	49.58 -0.29 0.00	42.47 -0.36 0.00	36.57 -0.35 0.00	31.65 -0.24 0.00	32.70 -0.38 0.00	31.58 -0.19 0.00	44.31 0.08 0.00	54.52 -0.25 -0.01	53.52 -0.55 0.00	61.83 -0.90 -0.02	68.71 -1.78 0.00	42.55 -3.44 27.12	-26.95 -4.89 104.75	15.84 -6.91 85.61	-4.66 -9.63 143.61	25.90 -13.77 183.96	-8.71 -15.23 247.66	81.88 -32.86 448.98	182.38 -36.75 518.87	884.07 -38.25 68.83	522.43 -16.16 0.00	260.56 -9.32 47.56	19.40 -3.14 72.56	65.51 -1.74 0.00
OSWEGO___5 23606	49.14 -0.72 0.00	42.07 -0.75 0.00	36.14 -0.77 0.00	31.21 -0.69 0.00	32.38 -0.70 0.00	31.11 -0.66 0.00	43.40 -0.82 0.00	53.88 -1.00 -0.12	53.20 -0.87 0.00	61.98 -1.01 -0.28	69.51 -0.97 0.00	72.40 -0.70 0.00	82.09 -0.61 0.00	107.60 -0.76 0.00	147.16 -1.42 0.00	221.40 -2.23 0.00	251.39 -2.79 0.00	555.33 -8.39 0.00	727.83 -14.16 -3.98	1009.13 -9.01 -26.99	535.53 -3.06 0.00	314.75 -2.69 0.00	94.00 -1.09 0.00	66.20 -1.05 0.00
OSWEGO___6 23613	49.14 -0.72 0.00	42.07 -0.75 0.00	36.14 -0.77 0.00	31.21 -0.69 0.00	32.38 -0.70 0.00	31.11 -0.66 0.00	43.40 -0.82 0.00	53.88 -1.00 -0.12	53.20 -0.87 0.00	61.98 -1.01 -0.28	69.51 -0.97 0.00	72.40 -0.70 0.00	82.09 -0.61 0.00	107.60 -0.76 0.00	147.16 -1.42 0.00	221.40 -2.23 0.00	251.39 -2.79 0.00	555.33 -8.39 0.00	727.83 -14.16 -3.98	1009.13 -9.01 -26.99	535.53 -3.06 0.00	314.75 -2.69 0.00	94.00 -1.09 0.00	66.20 -1.05 0.00

OUTOKUMPU-AB___DRP 24206	50.37 0.51 0.00	42.45 -0.37 0.00	35.63 -1.29 0.00	30.66 -1.24 0.00	31.79 -1.29 0.00	30.64 -1.13 0.00	43.16 -1.06 0.00	53.95 -0.81 0.00	53.71 -0.36 0.00	62.67 -0.04 0.00	70.58 0.09 0.00	74.53 1.43 0.00	85.09 2.40 0.00	111.24 2.87 0.00	150.15 1.57 0.00	224.24 0.62 0.00	249.13 -1.73 3.32	554.92 -7.02 1.78	702.22 -31.79 3.99	950.16 -39.73 1.26	529.83 -8.75 0.00	308.50 -8.93 0.00	92.31 -2.79 0.00	65.47 -1.78 0.00
OXBOW___BTM 323836	49.87 0.00 0.00	42.03 -0.80 0.00	35.27 -1.65 0.00	30.34 -1.55 0.00	31.46 -1.63 0.00	30.31 -1.46 0.00	42.70 -1.52 0.00	53.36 -1.41 0.00	53.10 -0.98 0.00	61.97 -0.74 0.00	69.63 -0.86 0.00	73.54 0.44 0.00	83.93 1.23 0.00	109.67 1.31 0.00	148.07 -0.51 0.00	220.89 -2.73 0.00	245.32 -5.64 3.22	545.24 -16.76 1.72	689.58 -44.60 3.83	932.44 -57.49 1.21	520.74 -17.85 0.00	303.49 -13.94 0.00	90.87 -4.23 0.00	64.51 -2.74 0.00
OXBOW___ 24026	49.87 0.00 0.00	42.03 -0.80 0.00	35.27 -1.65 0.00	30.34 -1.55 0.00	31.46 -1.63 0.00	30.31 -1.46 0.00	42.70 -1.52 0.00	53.36 -1.40 0.00	53.10 -0.98 0.00	61.97 -0.74 0.00	69.63 -0.86 0.00	73.54 0.44 0.00	83.92 1.22 0.00	109.66 1.30 0.00	148.04 -0.54 0.00	220.89 -2.74 0.00	245.29 -5.67 3.22	545.82 -16.18 1.72	689.77 -44.41 3.83	933.17 -56.77 1.21	520.89 -17.70 0.00	303.50 -13.93 0.00	90.87 -4.23 0.00	64.51 -2.74 0.00
OXY_CHEM_DSASP 323612	49.31 -0.55 0.00	41.56 -1.27 0.00	34.88 -2.03 0.00	30.00 -1.89 0.00	31.10 -1.98 0.00	29.96 -1.81 0.00	42.19 -2.02 0.00	52.68 -2.08 0.00	52.38 -1.70 0.00	61.11 -1.60 0.00	68.90 -1.58 0.00	72.82 -0.28 0.00	83.02 0.33 0.00	108.40 0.04 0.00	146.29 -2.29 0.00	218.17 -5.46 0.00	242.23 -8.82 3.12	538.46 -23.61 1.66	679.99 -54.36 3.66	918.82 -71.15 1.17	514.04 -24.55 0.00	299.59 -17.84 0.00	89.79 -5.30 0.00	63.79 -3.46 0.00
OZONE_PARK_ESR 323760	53.48 3.62 0.00	46.01 3.19 0.00	39.77 2.86 0.00	34.48 2.59 0.00	35.71 2.63 0.00	34.29 2.52 0.00	47.71 3.50 0.00	58.99 4.23 0.00	58.72 4.65 0.00	68.46 5.75 0.00	77.93 7.45 0.00	81.93 8.82 0.00	93.23 10.54 0.00	123.07 14.70 0.00	169.26 20.68 0.00	255.35 31.72 0.00	289.72 35.54 0.00	643.76 80.03 0.00	845.15 99.13 -8.02	1107.24 116.10 0.00	596.45 57.87 0.00	352.58 35.14 0.00	105.23 10.14 0.00	73.38 6.13 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.31 -0.55 0.00	41.56 -1.27 0.00	34.88 -2.03 0.00	30.00 -1.89 0.00	31.10 -1.98 0.00	29.96 -1.81 0.00	42.19 -2.02 0.00	52.68 -2.08 0.00	52.38 -1.70 0.00	61.11 -1.60 0.00	68.90 -1.58 0.00	72.82 -0.28 0.00	83.02 0.33 0.00	108.40 0.04 0.00	146.29 -2.29 0.00	218.17 -5.46 0.00	242.23 -8.82 3.12	538.46 -23.61 1.66	679.99 -54.36 3.66	918.82 -71.15 1.17	514.04 -24.55 0.00	299.59 -17.84 0.00	89.79 -5.30 0.00	63.79 -3.46 0.00
PACKARD__115KV_DUPONT_184 80571	49.31 -0.55 0.00	41.56 -1.27 0.00	34.88 -2.03 0.00	30.00 -1.89 0.00	31.10 -1.98 0.00	29.96 -1.81 0.00	42.19 -2.02 0.00	52.68 -2.08 0.00	52.38 -1.70 0.00	61.11 -1.60 0.00	68.90 -1.58 0.00	72.82 -0.28 0.00	83.02 0.33 0.00	108.40 0.04 0.00	146.29 -2.29 0.00	218.17 -5.46 0.00	242.23 -8.82 3.12	538.46 -23.61 1.66	679.99 -54.36 3.66	918.82 -71.15 1.17	514.04 -24.55 0.00	299.59 -17.84 0.00	89.79 -5.30 0.00	63.79 -3.46 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	52.62 2.76 0.00	45.38 2.56 0.00	39.24 2.33 0.00	34.03 2.13 0.00	35.25 2.17 0.00	33.86 2.09 0.00	47.04 2.83 0.00	58.23 3.46 0.00	57.81 3.74 0.00	67.19 4.48 0.00	76.56 6.07 0.00	80.42 7.33 0.00	91.50 8.81 0.00	120.66 12.30 0.00	165.96 17.37 0.00	250.59 26.97 0.00	284.52 30.34 0.00	631.82 68.10 0.00	829.83 83.81 -8.02	1085.87 94.72 0.00	583.97 45.38 -0.01	345.64 28.20 0.00	103.18 8.08 0.00	72.05 4.80 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	54.53 4.67 0.00	46.95 4.13 0.00	40.57 3.66 0.00	35.15 3.26 0.00	36.44 3.36 0.00	34.99 3.22 0.00	48.77 4.55 0.00	60.59 5.83 0.00	59.99 5.91 0.00	69.69 6.98 0.00	79.49 9.01 0.00	83.45 10.36 0.00	94.98 12.29 0.00	125.39 17.03 0.00	172.32 23.74 0.00	260.34 36.71 0.00	295.34 41.16 0.00	655.40 91.68 0.00	862.35 116.32 -8.02	1138.62 147.47 0.00	614.37 75.78 -0.01	363.41 45.98 0.00	108.44 13.34 0.00	75.68 8.44 0.00
PATROON__115KV_TB1 80586	50.74 0.88 0.00	43.62 0.80 0.00	37.80 0.89 0.00	32.71 0.81 0.00	33.91 0.83 0.00	32.50 0.73 0.00	45.02 0.81 0.00	55.57 0.81 0.00	54.75 0.68 0.00	63.64 0.94 0.00	72.25 1.77 0.00	75.35 2.25 0.00	85.29 2.59 0.00	112.16 3.80 0.00	154.63 6.05 0.00	232.68 9.06 0.00	264.48 10.30 0.00	588.46 24.74 0.00	796.81 34.71 -24.09	1030.87 39.72 0.00	557.98 19.39 0.00	329.38 11.95 0.00	98.42 3.32 0.00	69.35 2.11 0.00
PATTRSNVILLE___SOLAR 323815	51.78 1.91 0.00	44.38 1.56 0.00	38.29 1.38 0.00	33.10 1.21 0.00	34.36 1.28 0.00	32.98 1.21 0.00	45.87 1.65 0.00	56.55 1.79 0.00	55.50 1.43 0.00	64.12 1.41 0.00	72.29 1.81 0.00	75.38 2.27 0.00	85.24 2.55 0.00	111.88 3.52 0.00	153.71 5.12 0.00	231.12 7.50 0.00	263.46 9.28 0.00	587.56 23.84 0.00	809.66 37.02 -34.63	1043.99 52.84 0.00	568.86 30.27 0.00	335.13 17.69 0.00	100.07 4.97 0.00	70.37 3.12 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	50.64 0.78 0.00	42.77 -0.06 0.00	35.98 -0.93 0.00	30.97 -0.92 0.00	32.12 -0.96 0.00	30.87 -0.90 0.00	43.50 -0.72 0.00	54.31 -0.45 0.00	54.17 0.10 0.00	63.07 0.36 0.00	71.26 0.77 0.00	75.27 2.17 0.00	85.94 3.25 0.00	112.52 4.15 0.00	152.52 3.94 0.00	228.31 4.69 0.00	254.05 3.25 3.38	567.71 5.79 1.80	720.93 -13.17 3.91	973.38 -16.50 1.27	539.95 1.36 0.00	314.48 -2.96 0.00	93.81 -1.29 0.00	66.29 -0.96 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	53.02 3.15 0.00	45.53 2.70 0.00	39.35 2.43 0.00	34.08 2.19 0.00	35.32 2.24 0.00	33.88 2.11 0.00	47.14 2.92 0.00	58.37 3.60 0.00	57.99 3.92 0.00	67.66 4.95 0.00	77.09 6.61 0.00	80.94 7.84 0.00	92.08 9.38 0.00	121.53 13.16 0.00	167.28 18.70 0.00	252.26 28.63 0.00	286.87 32.69 0.00	638.24 74.52 0.00	840.33 94.16 -8.15	1102.75 111.60 0.00	594.23 55.64 0.00	350.28 32.85 0.00	104.25 9.15 0.00	72.72 5.47 0.00
PEEKSKILL___ 23653	52.33 2.46 0.00	45.01 2.19 0.00	38.93 2.02 0.00	33.74 1.85 0.00	34.96 1.88 0.00	33.54 1.77 0.00	46.64 2.42 0.00	57.66 2.90 0.00	57.24 3.17 0.00	66.70 3.99 0.00	75.96 5.47 0.00	79.70 6.60 0.00	90.62 7.92 0.00	119.49 11.13 0.00	164.44 15.86 0.00	247.95 24.32 0.00	281.67 27.49 0.00	626.38 62.65 0.00	824.45 78.50 -7.94	1081.21 90.06 0.00	582.99 44.40 0.00	344.03 26.60 0.00	102.59 7.49 0.00	71.65 4.41 0.00
PGE MADISON___WINDPWR 24146	53.76 3.89 0.00	45.72 2.90 0.00	39.15 2.24 0.00	33.98 2.09 0.00	35.44 2.36 0.00	34.14 2.37 0.00	47.81 3.59 0.00	59.20 4.43 -0.01	58.42 4.34 0.00	67.43 4.69 -0.03	76.09 5.60 0.00	79.45 6.35 0.00	90.40 7.70 0.00	118.06 9.70 0.00	160.77 12.19 0.00	242.41 18.78 0.00	277.48 22.60 -0.70	615.92 51.82 -0.37	815.23 72.11 -5.11	1106.46 112.40 -2.91	602.68 64.09 0.00	350.37 32.94 0.00	103.72 8.62 0.00	72.49 5.25 0.00

PIERCEFIELD___HYD 23852	49.81 -0.06 0.00	42.77 -0.06 0.00	36.87 -0.04 0.00	31.88 -0.01 0.00	32.89 -0.19 0.00	31.70 -0.07 0.00	44.22 0.00 0.00	54.43 -0.33 0.00	53.18 -0.90 0.00	61.15 -1.57 -0.01	67.78 -2.71 0.00	27.79 -5.26 40.05	-79.11 -7.10 154.70	-21.79 -10.30 119.85	-7.75 -13.98 142.35	44.31 -20.03 159.28	-19.64 -21.91 251.91	109.20 -49.48 405.04	163.44 -57.46 517.11	839.30 -70.86 80.99	504.19 -34.40 0.00	275.53 -17.49 24.41	11.40 -5.23 78.47	65.00 -2.25 0.00
PINELAWN_CC_1 323563	51.81 1.94 0.00	44.97 2.15 0.00	38.98 2.07 0.00	33.85 1.96 0.00	35.02 1.94 0.00	33.58 1.81 0.00	46.37 2.15 0.00	57.24 2.47 0.00	57.02 2.95 0.00	66.39 3.68 0.00	77.46 5.76 -1.21	84.62 6.99 -4.53	107.29 8.44 -16.16	162.92 11.65 -42.90	170.40 14.95 -6.87	250.18 22.68 -3.88	281.71 26.74 -0.79	624.22 60.23 -0.27	837.02 84.04 -14.97	1076.32 91.00 5.82	577.66 39.14 0.07	336.15 23.75 5.04	101.42 6.33 0.00	71.25 4.00 0.00
PJM_GEN_HTTP_PROXY 323702	49.53 2.73 3.06	45.28 2.46 0.00	39.19 2.27 0.00	33.99 2.09 0.00	35.21 2.13 0.00	33.80 2.03 0.00	46.59 2.79 0.42	59.01 3.30 -0.95	57.73 3.65 0.00	67.26 4.55 0.00	76.57 6.08 0.00	79.35 7.36 1.12	92.31 8.85 -0.76	120.78 12.41 0.00	166.23 17.65 0.00	250.71 27.09 0.00	284.50 30.32 0.00	625.60 68.66 6.79	719.52 84.39 102.88	1087.68 96.53 0.00	585.28 46.69 0.00	345.94 28.50 0.00	103.33 8.24 0.00	72.10 4.85 0.00
PJM_GEN_KEystone 24065	48.05 1.25 3.06	43.73 0.90 0.00	37.47 0.56 0.00	32.40 0.50 0.00	33.59 0.51 0.00	32.23 0.46 0.00	44.55 0.75 0.42	56.63 0.92 -0.95	55.37 1.30 0.00	64.38 1.68 0.00	73.02 2.53 0.00	75.64 3.66 1.12	88.27 4.81 -0.76	115.15 6.79 0.00	157.80 9.22 0.00	540.08 13.82 -302.63	966.70 14.40 -698.12	589.10 32.53 7.14	624.15 32.02 145.88	931.09 33.95 94.01	658.80 19.78 -100.44	328.51 11.08 0.00	105.85 2.90 -7.86	58.95 1.44 9.73
PJM_GEN_NEPTUNE_PROXY 323594	48.81 2.01 3.06	44.98 2.16 0.00	38.97 2.06 0.00	33.85 1.96 0.00	35.02 1.94 0.00	33.58 1.81 0.00	46.00 2.20 0.42	58.19 2.48 -0.95	56.98 2.90 0.00	66.37 3.66 0.00	75.80 5.60 0.28	78.58 6.99 1.50	104.40 8.45 -13.25	162.04 11.66 -42.02	169.66 15.36 -5.73	250.80 23.45 -3.73	281.90 27.12 -0.60	618.19 61.04 6.57	721.05 82.39 99.35	1074.48 89.89 6.56	578.58 40.06 0.07	336.70 24.68 5.41	101.69 6.76 0.17	61.54 4.10 9.81
PJM_GEN_VFT_PROXY 323633	49.28 2.47 3.06	45.08 2.25 0.00	39.01 2.10 0.00	33.84 1.94 0.00	35.05 1.97 0.00	33.65 1.88 0.00	46.38 2.58 0.42	58.67 2.96 -0.95	57.38 3.30 0.00	66.85 4.14 0.00	76.13 5.64 0.00	77.39 6.92 2.63	91.75 8.31 -0.75	120.08 11.71 0.00	165.25 16.66 0.00	249.23 25.60 0.00	282.52 28.35 0.00	621.21 64.27 6.79	714.45 79.32 102.88	1080.71 89.56 0.00	582.22 43.64 0.00	344.36 26.93 0.00	102.78 7.69 0.00	71.70 4.46 0.00
PLATSBURG_115KV_PMLD1 355749	51.05 1.19 0.00	43.62 0.79 0.00	37.52 0.61 0.00	32.43 0.53 0.00	33.74 0.66 0.00	32.40 0.63 0.00	44.85 0.63 0.00	55.72 0.96 0.00	54.61 0.54 0.00	62.88 0.17 0.00	69.98 -0.50 0.00	71.38 -1.72 0.00	79.79 -2.90 0.00	102.15 -4.09 2.12	1.04 -6.16 141.39	72.11 -11.09 140.42	-12.91 -11.92 255.16	167.43 -24.85 371.45	195.73 -26.48 515.80	863.42 -37.21 90.52	518.66 -19.93 0.00	299.98 -10.73 6.72	9.05 -3.06 82.99	65.07 -2.17 0.00
PLEASANTVLY___LBMP 24000	51.91 2.04 0.00	44.63 1.81 0.00	38.61 1.70 0.00	33.47 1.57 0.00	34.68 1.60 0.00	33.26 1.49 0.00	46.20 1.98 0.00	57.10 2.34 0.00	56.61 2.54 0.00	65.92 3.21 0.00	74.99 4.51 0.00	78.60 5.50 0.00	89.23 6.53 0.00	117.59 9.22 0.00	161.87 13.29 0.00	243.83 20.21 0.00	277.08 22.90 0.00	616.14 52.42 0.00	812.78 66.38 -8.38	1066.38 75.23 0.00	575.41 36.82 0.00	340.17 22.73 0.00	101.50 6.40 0.00	71.04 3.79 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	52.47 2.61 0.00	45.14 2.32 0.00	39.04 2.13 0.00	33.84 1.95 0.00	35.06 1.98 0.00	33.64 1.87 0.00	46.76 2.54 0.00	57.85 3.09 0.00	57.43 3.36 0.00	66.91 4.20 0.00	76.20 5.71 0.00	79.99 6.89 0.00	90.94 8.24 0.00	119.93 11.56 0.00	165.00 16.41 0.00	248.81 25.18 0.00	282.62 28.44 0.00	628.30 64.58 0.00	827.25 81.17 -8.07	1084.37 93.22 0.00	584.65 46.06 0.00	345.02 27.58 0.00	102.91 7.82 0.00	71.89 4.64 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	52.47 2.61 0.00	45.14 2.32 0.00	39.04 2.13 0.00	33.84 1.95 0.00	35.06 1.98 0.00	33.64 1.87 0.00	46.76 2.54 0.00	57.85 3.09 0.00	57.43 3.36 0.00	66.91 4.20 0.00	76.20 5.71 0.00	79.99 6.89 0.00	90.94 8.24 0.00	119.93 11.56 0.00	165.00 16.41 0.00	248.81 25.18 0.00	282.62 28.44 0.00	628.30 64.58 0.00	827.25 81.17 -8.07	1084.37 93.22 0.00	584.65 46.06 0.00	345.02 27.58 0.00	102.91 7.82 0.00	71.89 4.64 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	52.58 2.72 0.00	45.16 2.34 0.00	39.02 2.11 0.00	33.81 1.91 0.00	35.04 1.96 0.00	33.60 1.83 0.00	46.72 2.50 0.00	57.83 3.07 0.00	57.40 3.33 0.00	66.88 4.17 0.00	76.12 5.63 0.00	79.82 6.72 0.00	90.70 8.00 0.00	119.63 11.27 0.00	164.68 16.10 0.00	248.38 24.76 0.00	282.57 28.39 0.00	628.68 64.95 0.00	828.84 82.38 -8.45	1088.11 96.96 0.00	587.33 48.74 0.00	346.52 29.09 0.00	103.17 8.07 0.00	72.07 4.82 0.00
POLETTI____ 23519	52.58 2.72 0.00	45.28 2.46 0.00	39.18 2.27 0.00	34.01 2.11 0.00	35.21 2.13 0.00	33.81 2.04 0.00	47.00 2.78 0.00	58.02 3.26 0.00	57.72 3.64 0.00	67.25 4.54 0.00	76.57 6.08 0.00	80.46 7.36 0.00	91.50 8.81 0.00	120.71 12.35 0.00	166.10 17.52 0.00	250.58 26.95 0.00	284.32 30.15 0.00	631.85 68.13 0.00	830.05 84.02 -8.02	1087.01 95.86 0.00	585.39 46.80 0.00	346.04 28.61 0.00	103.52 8.42 0.00	72.23 4.98 0.00
POMONA___ESR 323819	52.38 2.52 0.00	45.04 2.22 0.00	38.96 2.05 0.00	33.75 1.85 0.00	34.97 1.89 0.00	33.54 1.78 0.00	46.66 2.44 0.00	57.71 2.95 0.00	57.30 3.23 0.00	66.85 4.14 0.00	76.15 5.66 0.00	79.92 6.82 0.00	90.91 8.22 0.00	119.93 11.56 0.00	165.28 16.69 0.00	248.91 25.28 0.00	282.88 28.70 0.00	629.11 65.39 0.00	827.47 81.69 -7.76	1085.18 94.03 0.00	585.33 46.74 0.00	345.20 27.77 0.00	102.79 7.69 0.00	71.78 4.53 0.00
PORT_JEFF_3 23555	51.89 2.02 0.00	45.01 2.18 0.00	39.03 2.12 0.00	33.98 2.08 0.00	35.14 2.05 0.00	33.71 1.94 0.00	46.40 2.18 0.00	57.10 2.34 0.00	56.82 2.74 0.00	66.09 3.38 0.00	76.39 5.63 -0.28	81.94 7.16 -1.69	112.21 8.88 -20.64	229.18 12.00 -108.82	230.89 14.51 -67.80	255.52 21.54 -10.36	292.15 25.34 -12.64	620.89 56.61 -0.55	883.28 86.24 -59.02	1079.11 93.24 5.28	577.08 38.56 0.06	336.14 23.07 4.36	100.97 5.97 0.10	65.10 3.83 5.97
PORT_JEFF_4 23616	51.89 2.02 0.00	45.01 2.18 0.00	39.03 2.12 0.00	33.98 2.08 0.00	35.14 2.05 0.00	33.71 1.94 0.00	46.40 2.18 0.00	57.10 2.34 0.00	56.82 2.74 0.00	66.09 3.38 0.00	76.39 5.63 -0.28	81.94 7.16 -1.69	112.21 8.88 -20.64	229.18 12.00 -108.82	230.89 14.51 -67.80	255.52 21.54 -10.36	292.15 25.34 -12.64	620.89 56.61 -0.55	883.28 86.24 -59.02	1079.11 93.24 5.28	577.08 38.56 0.06	336.14 23.07 4.36	100.97 5.97 0.10	65.10 3.83 5.97

PORT_JEFF_IC 23713	52.00 2.14 0.00	45.10 2.28 0.00	39.10 2.19 0.00	34.03 2.14 0.00	35.19 2.11 0.00	33.76 1.99 0.00	46.49 2.27 0.00	57.25 2.49 0.00	56.92 2.84 0.00	66.24 3.54 0.00	76.53 5.74 -0.30	82.33 7.29 -1.93	117.31 9.07 -25.54	276.97 12.36 -156.25	275.32 14.90 -111.84	260.56 22.07 -14.86	301.37 25.96 -21.23	622.48 58.11 -0.64	901.50 89.02 -74.47	1082.30 96.41 5.25	578.20 39.67 0.06	336.85 23.75 4.34	101.11 6.12 0.10	65.62 4.17 5.80
PPL PILGRIM_ST_GT1 24216	52.28 2.42 0.00	45.38 2.56 0.00	39.37 2.45 0.00	34.24 2.34 0.00	35.42 2.34 0.00	33.95 2.18 0.00	46.81 2.59 0.00	57.72 2.96 0.00	57.51 3.44 0.00	66.81 4.11 0.00	77.36 6.46 -0.41	82.96 7.96 -1.90	106.30 9.40 -14.20	163.56 12.59 -42.61	170.70 15.75 -6.37	251.45 23.70 -4.12	282.50 27.77 -0.55	625.88 62.60 0.45	848.97 90.30 -20.66	1084.21 98.15 5.08	580.75 42.22 0.06	338.40 25.17 4.19	102.10 7.08 0.09	66.70 4.48 5.03
PPL PILGRIM_ST_GT2 24217	52.28 2.42 0.00	45.38 2.56 0.00	39.37 2.45 0.00	34.24 2.34 0.00	35.42 2.34 0.00	33.95 2.18 0.00	46.81 2.59 0.00	57.72 2.96 0.00	57.51 3.44 0.00	66.81 4.11 0.00	77.36 6.46 -0.41	82.96 7.96 -1.90	106.30 9.40 -14.20	163.56 12.59 -42.61	170.70 15.75 -6.37	251.45 23.70 -4.12	282.50 27.77 -0.55	625.88 62.60 0.45	848.97 90.30 -20.66	1084.21 98.15 5.08	580.75 42.22 0.06	338.40 25.17 4.19	102.10 7.08 0.09	66.70 4.48 5.03
PPL_SHRM_GT3 24213	51.56 1.69 0.00	44.65 1.83 0.00	38.70 1.79 0.00	33.70 1.81 0.00	34.86 1.78 0.00	33.48 1.70 0.00	46.10 1.88 0.00	56.87 2.11 0.00	56.76 2.69 0.00	66.22 3.51 0.00	76.75 5.97 -0.29	82.46 7.60 -1.76	113.78 9.47 -21.61	239.26 12.84 -118.06	240.54 15.58 -76.38	257.95 23.09 -11.24	295.54 27.05 -14.31	620.82 56.54 -0.56	900.39 100.38 -61.99	1104.00 118.12 5.27	589.70 51.17 0.06	337.52 24.44 4.35	101.16 6.16 0.10	64.96 3.60 5.89
PPL_SHRM_GT4 24214	51.56 1.69 0.00	44.65 1.83 0.00	38.70 1.79 0.00	33.70 1.81 0.00	34.86 1.78 0.00	33.48 1.70 0.00	46.10 1.88 0.00	56.87 2.11 0.00	56.76 2.69 0.00	66.22 3.51 0.00	76.75 5.97 -0.29	82.46 7.60 -1.76	113.78 9.47 -21.61	239.26 12.84 -118.06	240.54 15.58 -76.38	257.95 23.09 -11.24	295.54 27.05 -14.31	620.82 56.54 -0.56	900.39 100.38 -61.99	1104.00 118.12 5.27	589.70 51.17 0.06	337.52 24.44 4.35	101.16 6.16 0.10	64.96 3.60 5.89
PROJECT___ORANGE 1 24174	50.05 0.18 0.00	42.80 -0.02 0.00	36.72 -0.18 0.00	31.70 -0.19 0.00	32.91 -0.17 0.00	31.62 -0.15 0.00	44.16 -0.06 0.00	54.76 -0.01 -0.02	54.26 0.18 0.00	63.03 0.28 -0.04	71.09 0.61 0.00	73.14 1.16 1.13	79.98 1.65 4.36	107.42 2.30 3.25	151.33 2.75 0.00	227.80 4.17 0.00	258.70 4.52 0.00	572.12 8.39 -0.01	745.65 7.12 -0.52	1011.77 17.11 -3.51	549.57 10.98 0.00	322.51 5.08 0.00	96.17 1.07 0.00	67.59 0.35 0.00
PROJECT___ORANGE 2 24166	50.05 0.18 0.00	42.80 -0.02 0.00	36.72 -0.18 0.00	31.70 -0.19 0.00	32.91 -0.17 0.00	31.62 -0.15 0.00	44.16 -0.06 0.00	54.76 -0.01 -0.02	54.26 0.18 0.00	63.03 0.28 -0.04	71.09 0.61 0.00	73.14 1.16 1.13	79.98 1.65 4.36	107.42 2.30 3.25	151.33 2.75 0.00	227.80 4.17 0.00	258.70 4.52 0.00	572.12 8.39 -0.01	745.65 7.12 -0.52	1011.77 17.11 -3.51	549.57 10.98 0.00	322.51 5.08 0.00	96.17 1.07 0.00	67.59 0.35 0.00
PUCKETT___SOLAR 323809	51.37 1.51 0.00	43.93 1.10 0.00	37.62 0.71 0.00	32.59 0.69 0.00	33.88 0.80 0.00	32.54 0.77 0.00	45.42 1.20 0.00	56.29 1.52 -0.01	55.80 1.73 0.00	64.53 1.80 -0.03	72.63 2.14 0.00	75.91 2.81 0.00	86.31 3.61 0.00	112.91 4.55 0.00	154.52 5.94 0.00	232.69 9.07 0.00	264.60 10.42 0.00	588.93 25.21 0.00	772.82 31.07 -3.74	1039.75 46.16 -2.44	565.25 26.66 0.00	331.25 13.82 0.00	98.68 3.59 0.00	69.22 1.97 0.00
PYRITES___HYD 24023	50.96 1.10 0.00	43.77 0.95 0.00	37.70 0.79 0.00	32.60 0.71 0.00	33.67 0.59 0.00	32.52 0.75 0.00	45.41 1.19 0.00	55.73 0.97 0.00	54.13 0.05 0.00	61.91 -0.80 0.00	68.44 -2.05 42.51	26.07 -4.52 164.21	-87.68 -6.17 126.69	-27.26 -8.93 142.24	-5.92 -12.25 157.24	48.77 -17.61 252.26	-17.17 -19.08 401.41	119.32 -43.00 517.10	174.63 -46.28 82.91	858.61 -49.64 0.00	520.27 -18.32 22.50	287.45 -7.48 78.96	13.80 -2.34 0.00	66.95 -0.30 0.00
QUAKERRD_115KV_BK1 80622	50.07 0.20 0.00	42.50 -0.32 0.00	36.11 -0.80 0.00	31.11 -0.79 0.00	32.26 -0.83 0.00	31.05 -0.72 0.00	43.54 -0.68 0.00	54.24 -0.52 0.00	53.89 -0.19 0.00	62.76 0.05 0.00	70.94 0.46 0.00	74.51 1.41 0.00	84.75 2.06 0.00	110.91 2.55 0.00	150.86 2.27 0.00	226.48 2.85 0.00	256.36 2.17 -0.01	567.22 3.49 0.00	731.91 -6.10 0.00	987.94 -3.20 0.00	542.60 4.01 0.00	317.10 -0.33 0.00	94.51 -0.58 0.00	66.58 -0.67 0.00
QUENSBRY_115KV_TB8 356137	53.05 3.18 0.00	45.20 2.38 0.00	38.99 2.07 0.00	33.68 1.79 0.00	34.98 1.90 0.00	33.64 1.87 0.00	46.66 2.44 0.00	57.68 2.92 0.00	56.93 2.86 0.00	65.94 3.23 0.00	74.49 4.00 0.00	78.04 4.94 0.00	88.12 5.42 0.00	115.90 7.54 0.00	160.82 12.24 0.00	241.35 17.73 0.00	274.18 20.00 0.00	613.50 49.78 0.00	848.60 77.45 -33.14	1089.73 98.59 0.00	591.59 53.00 0.00	345.43 28.00 0.00	102.90 7.80 0.00	71.84 4.59 0.00
RAMAPO___LBMP 323565	52.13 2.26 0.00	44.82 2.00 0.00	38.78 1.87 0.00	33.60 1.70 0.00	34.81 1.73 0.00	33.39 1.63 0.00	46.45 2.23 0.00	57.44 2.67 0.00	56.99 2.92 0.00	66.43 3.72 0.00	75.62 5.13 0.00	79.32 6.22 0.00	90.18 7.49 0.00	118.95 10.59 0.00	163.69 15.11 0.00	246.78 23.15 0.00	280.40 26.22 0.00	623.72 60.00 0.00	820.71 75.00 -7.70	1077.05 85.90 0.00	581.08 42.49 0.00	342.72 25.28 0.00	102.12 7.02 0.00	71.32 4.08 0.00
RANKINE____ 23646	50.80 0.93 0.00	42.86 0.04 0.00	36.02 -0.89 0.00	30.99 -0.90 0.00	32.13 -0.95 0.00	30.92 -0.85 0.00	43.55 -0.67 0.00	54.47 -0.29 0.00	54.29 0.22 0.00	63.19 0.48 0.00	71.28 0.79 0.00	75.23 2.13 0.00	85.87 3.17 0.00	112.37 4.01 0.00	152.04 3.46 0.00	227.36 3.74 0.00	252.26 2.01 3.92	564.53 2.89 2.09	715.89 -17.31 4.81	968.83 -20.84 1.47	538.79 0.21 0.00	313.81 -3.62 0.00	93.69 -1.41 0.00	66.25 -1.00 0.00
RAVENSWOOD_GT2_1 24244	52.61 2.75 0.00	45.30 2.48 0.00	39.19 2.28 0.00	34.00 2.10 0.00	35.22 2.14 0.00	33.81 2.03 0.00	47.01 2.79 0.00	58.06 3.30 0.00	57.72 3.65 0.00	67.23 4.53 0.00	76.54 6.06 0.00	80.36 7.26 0.00	91.38 8.69 0.00	120.56 12.19 0.00	165.84 17.26 0.00	250.17 26.54 0.00	283.98 29.80 0.00	631.07 67.35 0.00	829.19 83.17 -8.02	1085.91 94.76 0.00	584.61 46.02 0.00	345.58 28.15 0.00	103.16 8.06 0.00	72.02 4.78 0.00
RAVENSWOOD_GT2_2 24245	52.61 2.75 0.00	45.30 2.48 0.00	39.19 2.28 0.00	34.00 2.10 0.00	35.22 2.14 0.00	33.81 2.03 0.00	47.01 2.79 0.00	58.06 3.30 0.00	57.72 3.65 0.00	67.23 4.53 0.00	76.54 6.06 0.00	80.36 7.26 0.00	91.38 8.69 0.00	120.56 12.19 0.00	165.84 17.26 0.00	250.17 26.54 0.00	283.98 29.80 0.00	631.07 67.35 0.00	829.19 83.17 -8.02	1085.91 94.76 0.00	584.61 46.02 0.00	345.58 28.15 0.00	103.16 8.06 0.00	72.02 4.78 0.00



RAVENSWOOD_GT2_3 24246	52.64 2.77 0.00	45.32 2.50 0.00	39.22 2.31 0.00	34.02 2.13 0.00	35.24 2.16 0.00	33.83 2.06 0.00	47.04 2.82 0.00	58.10 3.33 0.00	57.77 3.70 0.00	67.29 4.59 0.00	76.61 6.13 0.00	80.43 7.33 0.00	91.46 8.77 0.00	120.66 12.30 0.00	165.99 17.41 0.00	250.39 26.77 0.00	284.20 30.02 0.00	631.57 67.85 0.00	829.88 83.85 -8.02	1086.90 95.75 0.00	585.14 46.56 0.00	345.90 28.47 0.00	103.26 8.16 0.00	72.08 4.83 0.00
RAVENSWOOD_GT2_4 24247	52.64 2.77 0.00	45.32 2.50 0.00	39.22 2.31 0.00	34.02 2.13 0.00	35.24 2.16 0.00	33.83 2.06 0.00	47.04 2.82 0.00	58.10 3.33 0.00	57.77 3.70 0.00	67.29 4.59 0.00	76.61 6.13 0.00	80.43 7.33 0.00	91.46 8.77 0.00	120.66 12.30 0.00	165.99 17.41 0.00	250.39 26.77 0.00	284.20 30.02 0.00	631.57 67.85 0.00	829.88 83.85 -8.02	1086.90 95.75 0.00	585.14 46.56 0.00	345.90 28.47 0.00	103.26 8.16 0.00	72.08 4.83 0.00
RAVENSWOOD_GT3_1 24248	52.61 2.75 0.00	45.31 2.48 0.00	39.19 2.28 0.00	34.00 2.10 0.00	35.22 2.14 0.00	33.81 2.03 0.00	47.01 2.79 0.00	58.06 3.30 0.00	57.72 3.65 0.00	67.25 4.54 0.00	76.54 6.06 0.00	80.36 7.26 0.00	91.38 8.69 0.00	120.57 12.20 0.00	165.84 17.26 0.00	250.19 26.56 0.00	283.98 29.80 0.00	631.07 67.35 0.00	829.19 83.17 -8.02	1085.96 94.81 0.00	584.65 46.06 0.00	345.59 28.16 0.00	103.17 8.07 0.00	72.02 4.78 0.00
RAVENSWOOD_GT3_2 24249	52.61 2.75 0.00	45.31 2.48 0.00	39.19 2.28 0.00	34.00 2.10 0.00	35.22 2.14 0.00	33.81 2.03 0.00	47.01 2.79 0.00	58.06 3.30 0.00	57.72 3.65 0.00	67.25 4.54 0.00	76.54 6.06 0.00	80.36 7.26 0.00	91.38 8.69 0.00	120.57 12.20 0.00	165.84 17.26 0.00	250.19 26.56 0.00	283.98 29.80 0.00	631.07 67.35 0.00	829.19 83.17 -8.02	1085.96 94.81 0.00	584.65 46.06 0.00	345.59 28.16 0.00	103.17 8.07 0.00	72.02 4.78 0.00
RAVENSWOOD_GT3_3 24250	52.73 2.86 0.00	45.39 2.57 0.00	39.27 2.36 0.00	34.06 2.17 0.00	35.29 2.20 0.00	33.87 2.11 0.00	47.11 2.89 0.00	58.19 3.42 0.00	57.88 3.80 0.00	67.43 4.73 0.00	76.75 6.27 0.00	80.59 7.49 0.00	91.65 8.96 0.00	120.93 12.56 0.00	166.33 17.75 0.00	250.93 27.30 0.00	284.77 30.59 0.00	632.80 69.08 0.00	831.46 85.43 -8.02	1088.93 97.78 0.00	586.32 47.73 0.00	346.55 29.11 0.00	103.45 8.35 0.00	72.22 4.97 0.00
RAVENSWOOD_GT3_4 24251	52.73 2.86 0.00	45.39 2.57 0.00	39.27 2.36 0.00	34.06 2.17 0.00	35.29 2.20 0.00	33.87 2.11 0.00	47.11 2.89 0.00	58.19 3.42 0.00	57.88 3.80 0.00	67.43 4.73 0.00	76.75 6.27 0.00	80.59 7.49 0.00	91.65 8.96 0.00	120.93 12.56 0.00	166.33 17.75 0.00	250.93 27.30 0.00	284.77 30.59 0.00	632.80 69.08 0.00	831.46 85.43 -8.02	1088.93 97.78 0.00	586.32 47.73 0.00	346.55 29.11 0.00	103.45 8.35 0.00	72.22 4.97 0.00
RAVENSWOOD_GT_1 23729	52.58 2.72 0.00	45.33 2.50 0.00	39.23 2.32 0.00	34.07 2.18 0.00	35.29 2.20 0.00	33.87 2.11 0.00	47.07 2.85 0.00	58.12 3.36 0.00	57.81 3.73 0.00	67.26 4.55 0.00	76.52 6.04 0.00	79.63 7.25 0.72	97.90 8.71 -6.50	131.60 12.25 -10.98	167.47 17.29 -1.61	250.35 26.73 0.00	284.05 29.87 0.00	630.77 67.05 0.00	828.36 82.33 -8.02	1083.65 92.50 0.00	582.94 44.35 0.00	344.96 27.53 0.00	102.99 7.89 0.00	71.90 4.65 0.00
RAVENSWOOD_GT_10 24258	52.62 2.75 0.00	45.31 2.49 0.00	39.19 2.28 0.00	34.00 2.10 0.00	35.22 2.14 0.00	33.81 2.04 0.00	47.01 2.79 0.00	58.07 3.31 0.00	57.72 3.65 0.00	67.25 4.54 0.00	76.55 6.06 0.00	80.39 7.29 0.00	91.41 8.72 0.00	120.60 12.24 0.00	165.89 17.30 0.00	250.26 26.64 0.00	284.01 29.83 0.00	631.29 67.57 0.00	829.38 83.35 -8.02	1086.02 94.87 0.00	584.79 46.21 0.00	345.62 28.19 0.00	103.20 8.10 0.00	72.03 4.78 0.00
RAVENSWOOD_GT_11 24259	52.62 2.75 0.00	45.31 2.49 0.00	39.19 2.28 0.00	34.00 2.10 0.00	35.22 2.14 0.00	33.81 2.04 0.00	47.01 2.79 0.00	58.07 3.31 0.00	57.72 3.65 0.00	67.25 4.54 0.00	76.55 6.06 0.00	80.39 7.29 0.00	91.41 8.72 0.00	120.60 12.24 0.00	165.89 17.30 0.00	250.26 26.64 0.00	284.01 29.83 0.00	631.29 67.57 0.00	829.38 83.35 -8.02	1086.02 94.87 0.00	584.79 46.21 0.00	345.62 28.19 0.00	103.20 8.10 0.00	72.03 4.78 0.00
RAVENSWOOD_GT_4 24252	52.64 2.77 0.00	45.32 2.49 0.00	39.20 2.29 0.00	34.00 2.10 0.00	35.22 2.14 0.00	33.81 2.04 0.00	47.02 2.80 0.00	58.07 3.31 0.00	57.73 3.66 0.00	67.27 4.56 0.00	76.61 6.12 0.00	79.89 7.33 0.55	96.39 8.75 -4.95	129.00 12.27 -8.36	167.19 17.39 -1.22	250.28 26.65 0.00	284.13 29.95 0.00	631.49 67.77 0.00	829.98 83.95 -8.02	1087.19 96.04 0.00	585.38 46.80 0.00	345.88 28.45 0.00	103.25 8.15 0.00	72.08 4.83 0.00
RAVENSWOOD_GT_5 24254	52.64 2.77 0.00	45.32 2.49 0.00	39.20 2.29 0.00	34.00 2.10 0.00	35.22 2.14 0.00	33.81 2.04 0.00	47.02 2.80 0.00	58.07 3.31 0.00	57.73 3.66 0.00	67.27 4.56 0.00	76.61 6.12 0.00	79.89 7.33 0.55	96.39 8.75 -4.95	129.00 12.27 -8.36	167.19 17.39 -1.22	250.28 26.65 0.00	284.13 29.95 0.00	631.49 67.77 0.00	829.98 83.95 -8.02	1087.19 96.04 0.00	585.38 46.80 0.00	345.88 28.45 0.00	103.25 8.15 0.00	72.08 4.83 0.00
RAVENSWOOD_GT_6 24253	52.64 2.77 0.00	45.32 2.49 0.00	39.20 2.29 0.00	34.00 2.10 0.00	35.22 2.14 0.00	33.81 2.04 0.00	47.02 2.80 0.00	58.07 3.31 0.00	57.73 3.66 0.00	67.27 4.56 0.00	76.61 6.12 0.00	79.89 7.33 0.55	96.39 8.75 -4.95	129.00 12.27 -8.36	167.19 17.39 -1.22	250.28 26.65 0.00	284.13 29.95 0.00	631.49 67.77 0.00	829.98 83.95 -8.02	1087.19 96.04 0.00	585.38 46.80 0.00	345.88 28.45 0.00	103.25 8.15 0.00	72.08 4.83 0.00
RAVENSWOOD_GT_7 24255	52.64 2.77 0.00	45.32 2.49 0.00	39.20 2.29 0.00	34.00 2.10 0.00	35.22 2.14 0.00	33.81 2.04 0.00	47.02 2.80 0.00	58.07 3.31 0.00	57.73 3.66 0.00	67.27 4.56 0.00	76.61 6.12 0.00	79.89 7.33 0.55	96.39 8.75 -4.95	129.00 12.27 -8.36	167.19 17.39 -1.22	250.28 26.65 0.00	284.13 29.95 0.00	631.49 67.77 0.00	829.98 83.95 -8.02	1087.19 96.04 0.00	585.38 46.80 0.00	345.88 28.45 0.00	103.25 8.15 0.00	72.08 4.83 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	52.62 2.75 0.00	45.31 2.49 0.00	39.19 2.28 0.00	34.00 2.10 0.00	35.22 2.14 0.00	33.81 2.04 0.00	47.01 2.79 0.00	58.07 3.31 0.00	57.72 3.65 0.00	67.25 4.54 0.00	76.55 6.06 0.00	80.39 7.29 0.00	91.41 8.72 0.00	120.60 12.24 0.00	165.89 17.30 0.00	250.26 26.64 0.00	284.01 29.83 0.00	631.29 67.57 0.00	829.38 83.35 -8.02	1086.02 94.87 0.00	584.79 46.21 0.00	345.62 28.19 0.00	103.20 8.10 0.00	72.03 4.78 0.00
RAVENSWOOD_GT_9 24257	52.62 2.75 0.00	45.31 2.49 0.00	39.19 2.28 0.00	34.00 2.10 0.00	35.22 2.14 0.00	33.81 2.04 0.00	47.01 2.79 0.00	58.07 3.31 0.00	57.72 3.65 0.00	67.25 4.54 0.00	76.55 6.06 0.00	80.39 7.29 0.00	91.41 8.72 0.00	120.60 12.24 0.00	165.89 17.30 0.00	250.26 26.64 0.00	284.01 29.83 0.00	631.29 67.57 0.00	829.38 83.35 -8.02	1086.02 94.87 0.00	584.79 46.21 0.00	345.62 28.19 0.00	103.20 8.10 0.00	72.03 4.78 0.00

RAVENSWOOD___1 23533	52.55 2.68 0.00	45.29 2.47 0.00	39.20 2.29 0.00	34.04 2.15 0.00	35.26 2.18 0.00	33.84 2.08 0.00	47.03 2.81 0.00	58.08 3.32 0.00	57.76 3.68 0.00	67.20 4.49 0.00	76.48 5.99 0.00	78.43 7.19 1.86	90.44 8.64 0.90	120.37 12.13 0.13	165.71 17.13 0.00	250.15 26.53 0.00	283.86 29.68 0.00	630.38 66.66 0.00	827.78 81.75 -8.02	1083.06 91.91 0.00	582.49 43.91 0.00	344.90 27.48 0.00	102.98 7.89 0.00	71.88 4.63 0.00
RAVENSWOOD___2 23534	52.42 2.56 0.00	45.20 2.37 0.00	39.12 2.21 0.00	33.97 2.08 0.00	35.17 2.09 0.00	33.77 2.00 0.00	46.92 2.70 0.00	57.95 3.19 0.00	57.62 3.55 0.00	66.87 4.16 0.00	75.86 5.37 0.00	77.74 6.53 1.89	89.68 7.90 0.91	119.39 11.15 0.13	164.44 15.86 0.00	248.37 24.74 0.00	281.91 27.73 0.00	625.43 61.71 0.00	821.19 75.16 -8.02	1074.17 83.03 0.00	577.86 39.28 0.00	344.39 26.96 0.00	102.92 7.82 0.00	71.85 4.60 0.00
RAVENSWOOD___3 23535	52.61 2.75 0.00	45.31 2.49 0.00	39.19 2.28 0.00	34.00 2.11 0.00	35.22 2.14 0.00	33.81 2.04 0.00	47.01 2.79 0.00	58.06 3.30 0.00	57.72 3.65 0.00	67.25 4.54 0.00	76.54 6.06 0.00	80.39 7.28 0.00	91.40 8.70 0.00	120.56 12.20 0.00	165.84 17.26 0.00	250.19 26.56 0.00	283.97 29.79 0.00	631.09 67.37 0.00	829.19 83.16 -8.02	1085.89 94.74 0.00	584.69 46.10 0.00	345.61 28.18 0.00	103.17 8.07 0.00	72.02 4.78 0.00
RAVENSWOOD___4 23820	52.53 2.66 0.00	45.27 2.45 0.00	39.17 2.26 0.00	34.02 2.12 0.00	35.23 2.15 0.00	33.82 2.05 0.00	46.99 2.77 0.00	58.05 3.29 0.00	57.72 3.65 0.00	67.16 4.45 0.00	76.43 5.94 0.00	77.22 7.14 3.03	83.08 8.58 8.20	109.34 12.04 11.07	164.03 17.03 1.58	249.96 26.33 0.00	283.62 29.45 0.00	630.00 66.28 0.00	827.07 81.04 -8.02	1082.15 91.00 0.00	582.21 43.62 0.01	344.62 27.19 0.00	102.92 7.82 0.00	71.85 4.60 0.00
RCPL_TRUST___DRP 24196	52.67 2.80 0.00	45.35 2.52 0.00	39.23 2.32 0.00	34.03 2.14 0.00	35.25 2.17 0.00	33.85 2.08 0.00	47.08 2.86 0.00	58.16 3.40 0.00	57.84 3.76 0.00	67.39 4.68 0.00	76.71 6.23 0.00	80.61 7.51 0.00	91.70 9.01 0.00	121.02 12.66 0.00	166.50 17.92 0.00	251.15 27.53 0.00	285.04 30.86 0.00	633.49 69.77 0.00	831.82 85.80 -8.02	1089.32 98.17 0.00	585.97 47.39 0.00	346.48 29.05 0.00	103.46 8.37 0.00	72.20 4.95 0.00
RED___ROCHESTER 323720	51.92 2.06 0.00	43.98 1.16 0.00	37.26 0.35 0.00	32.07 0.18 0.00	33.26 0.17 0.00	32.02 0.25 0.00	44.95 0.73 0.00	56.08 1.32 0.00	55.79 1.72 0.00	65.09 2.38 0.00	73.65 3.16 0.00	77.51 4.41 0.00	88.28 5.58 0.00	115.52 7.15 0.00	156.99 8.40 0.00	235.43 11.81 0.00	266.12 11.93 -0.01	587.99 24.26 0.00	756.61 18.60 0.00	1020.81 29.66 0.00	561.70 23.12 0.00	327.57 10.13 0.00	97.64 2.55 0.00	68.83 1.58 0.00
REGAN___SOLAR 323812	53.32 3.46 0.00	45.58 2.76 0.00	39.23 2.32 0.00	33.88 1.99 0.00	35.19 2.11 0.00	33.83 2.06 0.00	47.17 2.96 0.00	57.70 2.94 0.00	55.85 1.77 0.00	64.09 1.39 0.00	71.95 1.46 0.00	74.98 1.88 0.00	84.66 1.97 0.00	111.01 2.64 0.00	152.12 3.54 0.00	229.55 5.93 0.00	262.04 7.86 0.00	588.25 24.53 0.00	815.52 44.97 -32.54	1072.70 81.55 0.00	590.31 51.73 0.00	347.02 29.59 0.00	103.39 8.30 0.00	72.47 5.23 0.00
RENSSELAER___COGEN 23796	50.27 0.41 0.00	43.22 0.40 0.00	37.48 0.57 0.00	32.43 0.53 0.00	33.61 0.53 0.00	32.18 0.41 0.00	44.58 0.36 0.00	54.97 0.20 0.00	54.10 0.03 0.00	62.81 0.10 0.00	71.29 0.80 0.00	74.25 1.15 0.00	84.01 1.32 0.00	110.46 2.10 0.00	152.35 3.77 0.00	229.19 5.57 0.00	260.46 6.28 0.00	579.40 15.68 0.00	781.94 23.24 -20.70	1015.52 24.37 0.00	549.90 11.31 0.00	324.89 7.46 0.00	97.14 2.04 0.00	68.52 1.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	56.90 7.03 0.00	47.80 4.98 0.00	41.20 4.29 0.00	35.56 3.67 0.00	36.96 3.88 0.00	35.68 3.91 0.00	49.21 4.99 0.00	60.50 5.74 0.00	59.62 5.54 0.00	69.30 6.59 0.00	78.85 8.36 0.00	82.65 9.55 0.00	92.88 10.18 0.00	122.88 14.52 0.00	172.11 23.52 0.00	257.59 33.96 0.00	287.76 33.58 0.00	643.03 79.31 0.00	890.69 119.68 -33.00	1148.54 157.39 0.00	622.78 84.19 0.00	362.32 44.89 0.00	108.12 13.03 0.00	74.79 7.54 0.00
REVERE_CPPR_DRP 24186	51.44 1.57 0.00	44.03 1.21 0.00	37.86 0.95 0.00	32.74 0.85 0.00	33.98 0.89 0.00	32.70 0.93 0.00	45.79 1.57 0.00	56.65 1.89 -0.01	56.06 1.99 0.00	65.14 2.41 -0.02	73.48 2.99 0.00	72.99 3.28 3.39	73.34 3.74 13.10	106.39 5.15 7.12	184.72 7.11 -29.03	280.29 10.58 -46.09	313.67 11.91 -47.58	696.46 26.62 -106.12	877.32 35.13 -104.18	1056.84 54.18 -11.51	569.80 31.21 0.00	352.38 16.55 -18.39	111.53 4.29 -12.14	69.69 2.45 0.00
REYNLDPA_13_KV_LD 356490	50.00 0.13 0.00	42.99 0.17 0.00	37.09 0.18 0.00	32.05 0.15 0.00	33.20 0.12 0.00	31.92 0.15 0.00	44.44 0.22 0.00	55.15 0.39 0.00	54.10 0.02 0.00	62.36 -0.35 0.00	69.43 -1.06 -5.47	76.29 -2.28 -21.13	100.61 -3.21 -13.61	116.62 -5.35 -13.61	-0.76 -7.94 141.40	71.57 -11.34 140.71	-13.34 -12.40 255.11	163.81 -27.95 371.97	188.75 -33.44 515.82	855.97 -44.78 90.39	514.80 -23.79 0.00	297.64 -12.80 6.99	8.74 -3.44 82.92	66.02 -1.23 0.00
REYNOLDS_115KV_TB3 80639	50.65 0.78 0.00	43.54 0.72 0.00	37.77 0.85 0.00	32.67 0.77 0.00	33.86 0.78 0.00	32.46 0.69 0.00	44.95 0.73 0.00	55.49 0.72 0.00	54.64 0.56 0.00	63.45 0.74 0.00	72.02 1.53 0.00	75.08 1.98 0.00	84.89 2.20 0.00	111.66 3.29 0.00	154.08 5.50 0.00	231.37 7.75 0.00	263.06 8.88 0.00	585.61 21.89 0.00	792.11 31.83 -22.27	1026.07 34.92 0.00	555.53 16.94 0.00	328.69 11.26 0.00	98.25 3.16 0.00	69.25 2.00 0.00
RIVERBAY____ 323610	54.53 4.67 0.00	46.95 4.13 0.00	40.57 3.66 0.00	35.15 3.26 0.00	36.44 3.36 0.00	34.99 3.22 0.00	48.77 4.55 0.00	60.59 5.83 0.00	59.99 5.91 0.00	69.69 6.98 0.00	79.49 9.01 0.00	83.45 10.36 0.00	94.98 12.29 0.00	125.39 17.03 0.00	172.32 23.74 0.00	260.34 36.71 0.00	295.34 41.16 0.00	655.40 91.68 0.00	862.35 116.32 -8.02	1138.62 147.47 0.00	614.37 75.78 -0.01	363.41 45.98 0.00	108.44 13.34 0.00	75.68 8.44 0.00
RIVERSDE_115KV_TB3 55908	50.58 0.71 0.00	43.47 0.65 0.00	37.70 0.79 0.00	32.62 0.72 0.00	33.82 0.73 0.00	32.40 0.63 0.00	44.88 0.66 0.00	55.39 0.63 0.00	54.56 0.49 0.00	63.38 0.67 0.00	71.94 1.46 0.00	75.01 1.91 0.00	84.85 2.15 0.00	111.62 3.25 0.00	153.88 5.30 0.00	231.43 7.81 0.00	263.08 8.90 0.00	585.32 21.60 0.00	791.48 30.98 -22.49	1025.60 34.45 0.00	555.13 16.54 0.00	328.12 10.68 0.00	98.08 2.99 0.00	69.12 1.87 0.00
ROARING___BROOK_WT_PWR 323790	49.21 -0.66 0.00	42.28 -0.54 0.00	36.55 -0.36 0.00	31.58 -0.32 0.00	32.77 -0.31 0.00	31.53 -0.24 0.00	43.97 -0.25 0.00	54.50 -0.26 0.00	53.83 -0.25 0.00	62.36 -0.34 0.00	69.99 -0.50 0.00	73.27 -0.85 -1.01	85.24 -1.37 -3.91	107.71 -2.21 -1.56	-2.41 -2.80 148.19	73.84 -5.02 144.76	-30.68 -5.06 279.80	160.30 -11.98 391.44	159.89 -15.84 562.28	868.82 -20.00 102.33	527.61 -10.97 0.00	309.44 -7.99 0.00	0.12 -2.55 92.43	65.55 -1.70 0.00

ROCHESRG_115KV_T4 355643	51.01 1.15 0.00	43.24 0.42 0.00	36.66 -0.25 0.00	31.57 -0.32 0.00	32.74 -0.34 0.00	31.52 -0.25 0.00	44.22 0.00 0.00	55.12 0.36 0.00	54.76 0.68 0.00	63.79 1.09 0.00	72.10 1.61 0.00	75.80 2.70 0.00	86.24 3.55 0.00	112.83 4.46 0.00	153.28 4.69 0.00	229.92 6.29 0.00	259.86 5.67 -0.01	574.54 10.82 0.00	739.09 1.07 0.00	997.21 6.06 0.00	549.34 10.75 0.00	320.83 3.40 0.00	95.70 0.60 0.00	67.52 0.28 0.00
ROCHESTER_9_IC 23652	51.47 1.61 0.00	43.63 0.81 0.00	36.96 0.05 0.00	31.83 -0.07 0.00	33.00 -0.08 0.00	31.78 0.00 0.00	44.60 0.38 0.00	55.61 0.85 0.00	55.29 1.22 0.00	64.46 1.75 0.00	72.89 2.41 0.00	76.67 3.57 0.00	87.27 4.58 0.00	114.19 5.83 0.00	155.15 6.56 0.00	232.71 9.08 0.00	262.95 8.76 -0.01	581.49 17.77 0.00	748.04 10.03 0.00	1009.51 18.37 0.00	555.71 17.12 0.00	324.35 6.92 0.00	96.70 1.61 0.00	68.19 0.94 0.00
ROCKVIEW_13_KV_LD 356306	52.82 2.95 0.00	45.44 2.61 0.00	39.30 2.38 0.00	34.06 2.16 0.00	35.28 2.20 0.00	33.86 2.09 0.00	47.08 2.86 0.00	58.26 3.49 0.00	57.85 3.77 0.00	67.44 4.73 0.00	76.82 6.34 0.00	80.68 7.58 0.00	91.75 9.05 0.00	121.04 12.67 0.00	166.49 17.92 0.00	251.12 27.49 0.00	285.28 31.10 0.00	634.18 70.46 0.00	834.36 88.33 -8.02	1093.28 102.14 0.00	588.96 50.37 0.00	347.80 30.37 0.00	103.69 8.59 0.00	72.39 5.14 0.00
ROME____115KV_TB2 80656	51.44 1.57 0.00	44.03 1.21 0.00	37.86 0.95 0.00	32.74 0.85 0.00	33.98 0.89 0.00	32.70 0.93 0.00	45.79 1.57 0.00	56.65 1.89 -0.01	56.06 1.99 0.00	65.14 2.41 -0.02	73.48 2.99 0.00	72.99 3.28 3.39	73.34 3.74 13.10	106.39 5.15 7.12	184.72 7.11 -29.03	280.29 10.58 -46.09	313.67 11.91 -47.58	696.46 26.62 -106.12	877.32 35.13 -104.18	1056.84 54.18 -11.51	569.80 31.21 0.00	352.38 16.55 -18.39	111.53 4.29 -12.14	69.69 2.45 0.00
ROSETON___1 23587	51.85 1.98 0.00	44.59 1.77 0.00	38.58 1.67 0.00	33.43 1.53 0.00	34.64 1.56 0.00	33.23 1.46 0.00	46.17 1.95 0.00	57.07 2.31 0.00	56.55 2.48 0.00	65.81 3.11 0.00	74.88 4.40 0.00	78.45 5.35 0.00	89.10 6.40 0.00	117.39 9.02 0.00	161.51 12.93 0.00	243.34 19.72 0.00	276.53 22.36 0.00	614.94 51.22 0.00	810.08 64.13 -7.94	1063.77 72.62 0.00	574.52 35.93 0.00	339.27 21.84 0.00	101.27 6.18 0.00	70.91 3.66 0.00
ROSETON___2 23588	51.85 1.98 0.00	44.59 1.77 0.00	38.58 1.67 0.00	33.43 1.53 0.00	34.64 1.56 0.00	33.23 1.46 0.00	46.17 1.95 0.00	57.07 2.31 0.00	56.55 2.48 0.00	65.81 3.11 0.00	74.88 4.40 0.00	78.45 5.35 0.00	89.10 6.40 0.00	117.39 9.02 0.00	161.51 12.93 0.00	243.34 19.72 0.00	276.53 22.36 0.00	614.94 51.22 0.00	810.08 64.13 -7.94	1063.77 72.62 0.00	574.52 35.93 0.00	339.27 21.84 0.00	101.27 6.18 0.00	70.91 3.66 0.00
ROTTRDAM_115KV_TB3 80664	51.28 1.42 0.00	44.00 1.18 0.00	38.00 1.09 0.00	32.86 0.97 0.00	34.10 1.02 0.00	32.72 0.95 0.00	45.49 1.27 0.00	56.20 1.44 0.00	55.42 1.34 0.00	64.24 1.53 0.00	72.60 2.11 0.00	75.72 2.62 0.00	85.72 3.02 0.00	112.59 4.22 0.00	154.82 6.24 0.00	232.77 9.15 0.00	264.86 10.68 0.00	589.46 25.73 0.00	809.96 36.52 -35.43	1037.16 46.02 0.00	562.95 24.36 0.00	331.90 14.46 0.00	99.20 4.10 0.00	69.78 2.54 0.00
RUSSELL___1 23602	51.92 2.05 0.00	43.99 1.16 0.00	37.26 0.34 0.00	32.07 0.18 0.00	33.26 0.17 0.00	32.02 0.24 0.00	44.95 0.73 0.00	56.08 1.32 0.00	55.79 1.72 0.00	65.09 2.38 0.00	73.65 3.17 0.00	77.51 4.41 0.00	88.28 5.58 0.00	115.51 7.15 0.00	156.97 8.39 0.00	235.45 11.82 0.00	266.00 11.81 -0.01	588.37 24.65 0.00	756.77 18.76 0.00	1021.32 30.18 0.00	561.72 23.14 0.00	327.58 10.15 0.00	97.65 2.55 0.00	68.83 1.58 0.00
RUSSELL___2 23532	51.92 2.05 0.00	43.99 1.16 0.00	37.26 0.34 0.00	32.07 0.18 0.00	33.26 0.17 0.00	32.02 0.24 0.00	44.95 0.73 0.00	56.08 1.32 0.00	55.79 1.72 0.00	65.09 2.38 0.00	73.65 3.17 0.00	77.51 4.41 0.00	88.28 5.58 0.00	115.51 7.15 0.00	156.97 8.39 0.00	235.45 11.82 0.00	266.00 11.81 -0.01	588.37 24.65 0.00	756.77 18.76 0.00	1021.32 30.18 0.00	561.72 23.14 0.00	327.58 10.15 0.00	97.65 2.55 0.00	68.83 1.58 0.00
RUSSELL___3 23549	51.92 2.05 0.00	43.99 1.16 0.00	37.26 0.34 0.00	32.07 0.18 0.00	33.26 0.17 0.00	32.02 0.24 0.00	44.95 0.73 0.00	56.08 1.32 0.00	55.79 1.72 0.00	65.09 2.38 0.00	73.65 3.17 0.00	77.51 4.41 0.00	88.28 5.58 0.00	115.51 7.15 0.00	156.97 8.39 0.00	235.45 11.82 0.00	266.00 11.81 -0.01	588.37 24.65 0.00	756.77 18.76 0.00	1021.32 30.18 0.00	561.72 23.14 0.00	327.58 10.15 0.00	97.65 2.55 0.00	68.83 1.58 0.00
RUSSELL___4 23556	51.92 2.05 0.00	43.99 1.16 0.00	37.26 0.34 0.00	32.07 0.18 0.00	33.26 0.17 0.00	32.02 0.24 0.00	44.95 0.73 0.00	56.08 1.32 0.00	55.79 1.72 0.00	65.09 2.38 0.00	73.65 3.17 0.00	77.51 4.41 0.00	88.28 5.58 0.00	115.51 7.15 0.00	156.97 8.39 0.00	235.45 11.82 0.00	266.00 11.81 -0.01	588.37 24.65 0.00	756.77 18.76 0.00	1021.32 30.18 0.00	561.72 23.14 0.00	327.58 10.15 0.00	97.65 2.55 0.00	68.83 1.58 0.00
RUSSELL___STATION 23914	51.92 2.05 0.00	43.99 1.16 0.00	37.26 0.34 0.00	32.07 0.18 0.00	33.26 0.17 0.00	32.02 0.24 0.00	44.95 0.73 0.00	56.08 1.32 0.00	55.79 1.72 0.00	65.09 2.38 0.00	73.65 3.17 0.00	77.51 4.41 0.00	88.28 5.58 0.00	115.51 7.15 0.00	156.97 8.39 0.00	235.45 11.82 0.00	266.00 11.81 -0.01	588.37 24.65 0.00	756.77 18.76 0.00	1021.32 30.18 0.00	561.72 23.14 0.00	327.58 10.15 0.00	97.65 2.55 0.00	68.83 1.58 0.00
S SALMON___HYD 24043	49.30 -0.57 0.00	42.06 -0.76 0.00	36.10 -0.81 0.00	31.24 -0.66 0.00	32.38 -0.71 0.00	31.20 -0.57 0.00	43.73 -0.49 0.00	54.09 -0.71 -0.03	53.41 -0.66 0.00	62.07 -0.72 -0.08	69.65 -0.84 0.00	68.36 -0.81 3.93	66.46 -1.07 15.17	93.38 -1.31 13.67	113.26 -1.88 33.45	173.45 -2.49 47.69	195.18 -2.67 56.33	445.02 -5.88 112.83	611.49 -7.29 119.23	989.08 4.29 6.36	544.36 5.77 0.00	302.56 0.97 15.85	78.85 -0.72 15.53	66.26 -0.99 0.00
S.PERRY__115KV_TB1 80734	51.36 1.50 0.00	43.50 0.68 0.00	36.76 -0.15 0.00	31.63 -0.26 0.00	32.72 -0.36 0.00	31.50 -0.27 0.00	44.43 0.21 0.00	55.15 0.39 0.00	54.12 0.05 0.00	62.63 -0.08 0.00	69.87 -0.62 0.00	72.58 -0.53 0.00	81.37 -1.32 0.00	106.59 -1.78 0.00	145.22 -3.36 0.00	220.97 -2.67 -0.01	262.30 -5.61 -13.73	559.60 -11.43 -7.30	729.21 -32.00 -23.20	974.79 -21.52 -5.16	545.73 7.14 0.00	313.57 -3.86 0.00	94.19 -0.91 0.00	68.89 1.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	50.51 0.64 0.00	42.59 -0.23 0.00	35.78 -1.13 0.00	30.79 -1.11 0.00	31.90 -1.18 0.00	30.72 -1.05 0.00	43.27 -0.95 0.00	54.06 -0.70 0.00	53.83 -0.24 0.00	62.73 0.02 0.00	70.78 0.29 0.00	74.73 1.63 0.00	85.26 2.57 0.00	111.49 3.12 0.00	150.74 2.16 0.00	225.21 1.59 0.00	250.39 -0.48 3.32	558.46 -3.50 1.76	707.66 -26.44 3.91	956.24 -33.67 1.24	532.55 -6.03 0.00	310.35 -7.09 0.00	92.78 -2.32 0.00	65.70 -1.54 0.00

SAWYER___23_KV_LOAD 55526	50.51 0.64 0.00	42.59 -0.23 0.00	35.78 -1.13 0.00	30.79 -1.11 0.00	31.90 -1.18 0.00	30.72 -1.05 0.00	43.27 -0.95 0.00	54.06 -0.70 0.00	53.83 -0.24 0.00	62.73 0.02 0.00	70.78 0.29 0.00	74.73 1.63 0.00	85.26 2.57 0.00	111.49 3.12 0.00	150.74 2.16 0.00	225.21 1.59 0.00	250.39 -0.48 3.32	558.46 -3.50 1.76	707.66 -26.44 3.91	956.24 -33.67 1.24	532.55 -6.03 0.00	310.35 -7.09 0.00	92.78 -2.32 0.00	65.70 -1.54 0.00
SELKIRK___I 23801	50.75 0.88 0.00	43.63 0.81 0.00	37.79 0.88 0.00	32.70 0.80 0.00	33.89 0.81 0.00	32.44 0.67 0.00	44.87 0.65 0.00	55.05 0.29 0.00	53.42 -0.65 0.00	61.79 -0.92 0.00	70.01 -0.48 0.00	72.84 -0.26 0.00	82.45 -0.25 0.00	108.19 -0.17 0.00	149.03 0.44 0.00	224.41 0.79 0.00	254.65 0.47 0.00	566.38 2.65 0.00	762.25 7.28 -16.95	997.85 6.70 0.00	541.43 2.85 0.00	319.90 2.47 0.00	95.82 0.72 0.00	67.63 0.39 0.00
SELKIRK___II 23799	50.54 0.67 0.00	43.45 0.63 0.00	37.63 0.72 0.00	32.57 0.67 0.00	33.72 0.63 0.00	32.22 0.45 0.00	44.57 0.35 0.00	54.93 0.16 0.00	54.03 -0.04 0.00	62.70 -0.01 0.00	71.08 0.59 0.00	74.03 0.93 0.00	83.77 1.08 0.00	110.06 1.69 0.00	151.56 2.98 0.00	227.92 4.29 0.00	258.99 4.81 0.00	575.94 12.22 0.00	773.68 17.89 -17.78	1008.99 17.84 0.00	546.61 8.02 0.00	322.83 5.40 0.00	96.65 1.55 0.00	68.17 0.92 0.00
SENECA OSWGO___HYD 24041	49.29 -0.57 0.00	42.17 -0.65 0.00	36.15 -0.76 0.00	31.23 -0.67 0.00	32.40 -0.68 0.00	31.14 -0.63 0.00	43.45 -0.77 0.00	53.93 -0.88 -0.05	53.33 -0.74 0.00	61.97 -0.86 -0.12	69.72 -0.76 0.00	71.44 -0.36 1.31	77.53 -0.09 5.06	103.98 -0.11 4.27	142.69 -0.49 5.40	214.30 -0.75 8.58	244.42 -0.90 8.86	539.98 -4.01 19.73	712.30 -8.08 17.63	1001.27 0.34 -9.78	540.71 2.12 0.00	313.92 -0.09 3.42	92.39 -0.44 2.26	66.56 -0.69 0.00
SENECA___115KV_TB3 355854	50.89 1.03 0.00	42.94 0.12 0.00	36.10 -0.82 0.00	31.06 -0.84 0.00	32.20 -0.88 0.00	30.97 -0.79 0.00	43.64 -0.58 0.00	54.58 -0.18 0.00	54.41 0.33 0.00	63.33 0.62 0.00	71.44 0.95 0.00	75.40 2.30 0.00	86.07 3.38 0.00	112.63 4.27 0.00	152.40 3.82 0.00	227.86 4.24 0.00	252.95 2.69 3.92	565.97 4.33 2.09	717.77 -15.44 4.81	971.08 -18.59 1.47	540.06 1.47 0.00	314.54 -2.90 0.00	93.92 -1.18 0.00	66.40 -0.84 0.00
SENECA___ENERGY 23797	50.84 0.97 0.00	43.35 0.53 0.00	37.05 0.14 0.00	31.91 0.01 0.00	33.09 0.00 0.00	31.82 0.05 0.00	44.55 0.34 0.00	55.25 0.47 -0.02	54.87 0.80 0.00	63.72 0.96 -0.05	71.88 1.40 0.00	74.61 2.27 0.76	82.73 2.97 2.94	109.87 3.70 2.19	152.93 4.35 0.00	229.89 6.26 0.00	261.72 6.61 -0.92	578.19 13.97 -0.50	754.43 13.20 -3.21	1020.77 24.62 -5.00	555.25 16.66 0.00	325.19 7.76 0.00	96.88 1.78 0.00	68.06 0.81 0.00
SHOEMAKER___GT 23640	52.00 2.13 0.00	44.67 1.85 0.00	38.62 1.71 0.00	33.46 1.56 0.00	34.68 1.59 0.00	33.27 1.49 0.00	46.27 2.06 0.00	57.20 2.44 0.00	56.57 2.50 0.00	65.69 2.98 0.00	74.58 4.09 0.00	78.12 5.02 0.00	88.67 5.98 0.00	116.71 8.34 0.00	160.58 12.00 0.00	242.13 18.51 0.00	275.48 21.30 0.00	613.53 49.81 0.00	808.58 63.24 -7.32	1065.32 74.17 0.00	575.97 37.38 0.00	339.66 22.22 0.00	101.31 6.21 0.00	70.90 3.65 0.00
SHOEMAKR_138KV_BK 111 55601	51.96 2.09 0.00	44.66 1.84 0.00	38.61 1.70 0.00	33.43 1.54 0.00	34.67 1.58 0.00	33.25 1.48 0.00	46.23 2.01 0.00	57.17 2.41 0.00	56.57 2.49 0.00	65.73 3.02 0.00	74.63 4.15 0.00	78.17 5.06 0.00	88.77 6.07 0.00	116.87 8.50 0.00	160.80 12.22 0.00	242.42 18.79 0.00	275.70 21.52 0.00	613.71 49.99 0.00	808.56 63.27 -7.27	1064.80 73.65 0.00	575.64 37.05 0.00	339.35 21.92 0.00	101.23 6.13 0.00	70.84 3.59 0.00
SHOREHAM_IC_1 23715	51.56 1.69 0.00	44.65 1.83 0.00	38.70 1.79 0.00	33.70 1.81 0.00	34.86 1.78 0.00	33.48 1.70 0.00	46.10 1.88 0.00	56.87 2.11 0.00	56.76 2.69 0.00	66.22 3.51 0.00	76.75 5.97 -0.29	82.46 7.60 -1.76	113.78 9.47 -21.61	239.26 12.84 -118.06	240.54 15.58 -76.38	257.95 23.09 -11.24	295.54 27.05 -14.31	620.82 56.54 -0.56	900.39 100.38 -61.99	1104.00 118.12 5.27	589.70 51.17 0.06	337.52 24.44 4.35	101.16 6.16 0.10	64.96 3.60 5.89
SHOREHAM_IC_2 23716	51.56 1.69 0.00	44.65 1.83 0.00	38.70 1.79 0.00	33.70 1.81 0.00	34.85 1.77 0.00	33.48 1.71 0.00	46.10 1.88 0.00	56.87 2.11 0.00	56.75 2.68 0.00	66.22 3.52 0.00	76.75 5.98 -0.29	82.46 7.60 -1.76	113.76 9.45 -21.61	239.29 12.87 -118.06	240.54 15.58 -76.38	257.98 23.11 -11.24	295.59 27.10 -14.31	620.91 56.63 -0.56	900.75 100.75 -61.99	1104.69 118.80 5.27	589.70 51.17 0.06	337.61 24.52 4.35	101.15 6.16 0.10	65.04 3.68 5.89
SISSONVILLE____ 23735	49.81 -0.06 0.00	42.77 -0.06 0.00	36.87 -0.04 0.00	31.88 -0.01 0.00	32.89 -0.19 0.00	31.70 -0.07 0.00	44.22 0.00 0.00	54.43 -0.33 0.00	53.18 -0.90 0.00	61.15 -1.57 -0.01	67.78 -2.71 0.00	27.79 -5.26 40.05	-79.11 -7.10 154.70	-21.79 -10.30 119.85	-7.75 -13.98 142.35	44.31 -20.03 159.28	-19.64 -21.91 251.91	109.20 -49.48 405.04	163.44 -57.46 517.11	839.30 -70.86 80.99	504.19 -34.40 0.00	275.53 -17.49 24.41	11.40 -5.23 78.47	65.00 -2.25 0.00
SITHE_IND_GS1 24169	48.75 -1.12 0.00	41.73 -1.09 0.00	35.85 -1.06 0.00	30.96 -0.93 0.00	32.12 -0.96 0.00	30.86 -0.91 0.00	43.04 -1.18 0.00	53.19 -1.43 0.14	52.75 -1.32 0.00	60.86 -1.51 0.35	68.97 -1.52 0.00	71.85 -1.25 0.00	81.46 -1.24 0.00	106.74 -1.62 0.00	145.96 -2.62 0.00	219.68 -3.94 0.00	249.53 -4.64 0.00	551.69 -12.03 0.00	713.90 -19.13 4.98	939.49 -17.84 33.82	530.82 -7.77 0.00	311.99 -5.44 0.00	93.22 -1.88 0.00	65.67 -1.58 0.00
SITHE_IND_GS2 24170	48.75 -1.12 0.00	41.73 -1.09 0.00	35.85 -1.06 0.00	30.96 -0.93 0.00	32.12 -0.96 0.00	30.86 -0.91 0.00	43.04 -1.18 0.00	53.19 -1.43 0.14	52.75 -1.32 0.00	60.86 -1.51 0.35	68.97 -1.52 0.00	71.85 -1.25 0.00	81.46 -1.24 0.00	106.74 -1.62 0.00	145.96 -2.62 0.00	219.68 -3.94 0.00	249.53 -4.64 0.00	551.69 -12.03 0.00	713.90 -19.13 4.98	939.49 -17.84 33.82	530.82 -7.77 0.00	311.99 -5.44 0.00	93.22 -1.88 0.00	65.67 -1.58 0.00
SITHE_IND_GS3 24171	48.75 -1.12 0.00	41.73 -1.09 0.00	35.85 -1.06 0.00	30.96 -0.93 0.00	32.12 -0.96 0.00	30.86 -0.91 0.00	43.04 -1.18 0.00	53.19 -1.43 0.14	52.75 -1.32 0.00	60.86 -1.51 0.35	68.97 -1.52 0.00	71.85 -1.25 0.00	81.46 -1.24 0.00	106.74 -1.62 0.00	145.96 -2.62 0.00	219.68 -3.94 0.00	249.53 -4.64 0.00	551.69 -12.03 0.00	713.90 -19.13 4.98	939.49 -17.84 33.82	530.82 -7.77 0.00	311.99 -5.44 0.00	93.22 -1.88 0.00	65.67 -1.58 0.00
SITHE_IND_GS4 24172	48.75 -1.12 0.00	41.73 -1.09 0.00	35.85 -1.06 0.00	30.96 -0.93 0.00	32.12 -0.96 0.00	30.86 -0.91 0.00	43.04 -1.18 0.00	53.19 -1.43 0.14	52.75 -1.32 0.00	60.86 -1.51 0.35	68.97 -1.52 0.00	71.85 -1.25 0.00	81.46 -1.24 0.00	106.74 -1.62 0.00	145.96 -2.62 0.00	219.68 -3.94 0.00	249.53 -4.64 0.00	551.69 -12.03 0.00	713.90 -19.13 4.98	939.49 -17.84 33.82	530.82 -7.77 0.00	311.99 -5.44 0.00	93.22 -1.88 0.00	65.67 -1.58 0.00

SITHE___BATAVIA 24024	52.22 2.35 0.00	44.04 1.21 0.00	37.06 0.15 0.00	31.89 0.00 0.00	33.08 0.00 0.00	31.90 0.13 0.00	44.97 0.75 0.00	56.10 1.34 0.00	55.64 1.57 0.00	64.69 1.98 0.00	72.87 2.38 0.00	76.11 3.01 0.00	87.58 4.88 0.00	114.25 5.89 0.00	152.54 3.96 0.00	228.25 4.62 0.00	255.82 3.72 2.08	568.86 6.28 1.14	727.35 -8.41 2.25	988.67 -1.67 0.81	551.52 12.93 0.00	369.26 4.18 -47.64	144.96 2.23 -47.64	68.71 1.47 0.00
SITHE___INDEPEND 23800	48.75 -1.12 0.00	41.73 -1.09 0.00	35.85 -1.06 0.00	30.97 -0.93 0.00	32.12 -0.96 0.00	30.86 -0.91 0.00	43.04 -1.18 0.00	53.18 -1.44 0.14	52.75 -1.32 0.00	60.86 -1.51 0.35	68.97 -1.52 0.00	71.85 -1.25 0.00	81.46 -1.24 0.00	106.74 -1.62 0.00	145.96 -2.62 0.00	219.66 -3.96 0.00	249.50 -4.68 0.00	551.67 -12.05 0.00	713.92 -19.11 4.98	939.52 -17.82 33.82	530.81 -7.77 0.00	311.99 -5.44 0.00	93.22 -1.88 0.00	65.67 -1.58 0.00
SITHE___MASSENA 23902	50.01 0.15 0.00	42.98 0.16 0.00	37.06 0.15 0.00	32.03 0.14 0.00	33.16 0.08 0.00	31.90 0.12 0.00	44.41 0.20 0.00	55.03 0.27 0.00	53.92 -0.15 0.00	62.12 -0.59 0.00	69.10 -1.39 0.00	11.17 -3.29 58.64	-148.22 -4.39 226.52	-69.54 -6.35 171.55	-1.67 -8.69 141.56	67.28 -12.45 143.89	-13.57 -13.18 254.56	155.52 -30.57 377.63	186.34 -35.61 516.07	856.89 -45.31 88.95	515.62 -22.97 0.00	295.87 -11.58 9.98	9.39 -3.55 82.16	65.97 -1.28 0.00
SITHE___OGDNSBRG 24021	50.96 1.09 0.00	43.78 0.95 0.00	37.72 0.81 0.00	32.61 0.72 0.00	33.71 0.63 0.00	32.52 0.75 0.00	45.37 1.15 0.00	55.77 1.01 0.00	54.19 0.12 0.00	62.06 -0.65 0.00	68.70 -1.79 0.00	21.75 -4.08 47.27	-105.45 -5.54 182.60	-39.62 -8.05 139.93	-4.51 -11.05 142.04	54.50 -15.82 153.30	-15.76 -17.00 252.94	130.75 -38.58 394.39	179.30 -41.91 516.80	861.53 -44.94 84.69	522.27 -16.31 0.00	292.15 -6.48 18.81	13.13 -2.07 79.90	67.09 -0.15 0.00
SITHE___STERLING 23777	51.31 1.44 0.00	43.95 1.12 0.00	37.78 0.87 0.00	32.63 0.73 0.00	33.87 0.79 0.00	32.58 0.81 0.00	45.53 1.31 0.00	56.37 1.60 -0.01	55.76 1.69 0.00	64.77 2.04 -0.02	73.04 2.55 0.00	73.83 2.99 2.26	77.48 3.52 8.74	108.25 4.87 4.98	172.22 6.73 -16.91	260.36 9.89 -26.85	292.78 10.88 -27.72	648.93 23.38 -61.83	827.95 29.11 -60.82	1043.90 45.16 -7.60	564.61 26.02 0.00	341.98 13.83 -10.71	105.74 3.57 -7.07	69.23 1.99 0.00
SLEIGHT__34_KV_TB1 80719	50.97 1.10 0.00	43.32 0.50 0.00	36.86 -0.05 0.00	31.76 -0.13 0.00	32.94 -0.14 0.00	31.73 -0.05 0.00	44.49 0.27 0.00	55.32 0.55 -0.01	54.87 0.80 0.00	63.86 1.13 -0.01	72.18 1.70 0.00	75.83 2.73 0.00	86.33 3.63 0.00	112.83 4.46 0.00	153.56 4.97 0.00	230.65 7.02 0.00	261.30 7.12 0.00	578.42 14.70 0.00	749.35 11.13 -0.21	1014.90 22.35 -1.40	556.09 17.50 0.00	325.05 7.62 0.00	96.78 1.69 0.00	68.03 0.78 0.00
SMITHTWN_69_KV_BK 1 55830	52.27 2.41 0.00	45.35 2.53 0.00	39.32 2.41 0.00	34.20 2.30 0.00	35.36 2.28 0.00	33.92 2.15 0.00	46.73 2.51 0.00	57.59 2.83 0.00	57.37 3.30 0.00	66.86 4.15 0.00	77.37 6.57 -0.32	83.74 8.23 -2.40	130.50 10.26 -37.54	395.73 14.03 -273.33	386.43 17.29 -220.56	274.63 25.65 -25.35	326.61 29.99 -42.44	631.85 67.21 -0.92	949.97 99.08 -112.88	1095.67 109.75 5.23	584.95 46.61 0.24	341.13 28.02 4.32	102.33 7.33 0.10	66.25 4.70 5.70
SOUTH CAIRO___GT 23612	52.59 2.72 0.00	45.04 2.22 0.00	38.94 2.02 0.00	33.66 1.77 0.00	34.89 1.81 0.00	33.40 1.63 0.00	46.38 2.17 0.00	57.34 2.57 0.00	56.16 2.09 0.00	64.79 2.08 0.00	73.22 2.73 0.00	76.39 3.29 0.00	86.36 3.66 0.00	113.39 5.02 0.00	157.17 8.59 0.00	236.62 13.00 0.00	269.26 15.08 0.00	601.89 38.17 0.00	810.29 56.06 -16.22	1068.12 76.97 0.00	581.06 42.47 0.00	342.16 24.73 0.00	101.84 6.74 0.00	71.48 4.23 0.00
SOUTH HAMPTN___IC 23720	52.37 2.51 0.00	45.24 2.42 0.00	39.20 2.28 0.00	34.03 2.14 0.00	35.30 2.22 0.00	33.95 2.18 0.00	46.86 2.64 0.00	57.86 3.10 0.00	57.89 3.82 0.00	67.78 5.07 0.00	78.69 7.92 -0.28	84.62 9.84 -1.68	114.89 12.05 -20.14	228.06 15.81 -103.89	231.33 19.53 -63.22	262.27 28.76 -9.89	299.10 33.19 -11.74	638.15 73.89 -0.53	912.90 117.48 -57.41	1116.71 130.84 5.28	594.81 56.28 0.06	341.76 28.68 4.36	102.32 7.33 0.10	65.62 4.33 5.95
SOUTHDOW_115KV_TB1 355954	52.28 2.42 0.00	44.01 1.19 0.00	36.99 0.08 0.00	31.83 -0.06 0.00	32.98 -0.11 0.00	31.75 -0.03 0.00	44.91 0.69 0.00	56.35 1.58 0.00	56.65 2.58 0.00	65.83 3.12 0.00	74.14 3.66 0.00	76.94 3.84 0.00	87.60 4.90 0.00	115.36 6.99 0.00	156.79 8.21 0.00	235.38 11.75 0.00	263.66 11.34 1.86	588.76 26.03 0.99	751.52 14.93 1.42	1010.52 20.07 0.70	558.62 20.03 0.00	325.31 7.88 0.00	96.23 1.14 0.00	67.43 0.18 0.00
SOUTHOLD_69_KV_BK 2 55809	53.21 3.34 0.00	45.76 2.94 0.00	39.62 2.71 0.00	34.23 2.33 0.00	35.66 2.58 0.00	34.41 2.64 0.00	47.67 3.46 0.00	58.88 4.12 0.00	59.13 5.05 0.00	69.49 6.78 0.00	80.92 10.16 -0.28	87.18 12.40 -1.68	117.89 15.02 -20.17	230.14 17.60 -104.18	233.48 21.41 -63.49	264.70 31.15 -9.92	301.21 35.24 -11.79	642.61 78.35 -0.53	916.33 120.82 -57.50	1114.70 128.83 5.28	591.02 52.49 0.06	344.02 30.94 4.36	103.02 8.03 0.10	66.04 4.74 5.95
SOUTHOLD___IC 23719	53.21 3.34 0.00	45.76 2.93 0.00	39.62 2.71 0.00	34.22 2.33 0.00	35.67 2.59 0.00	34.41 2.64 0.00	47.67 3.46 0.00	58.88 4.12 0.00	59.13 5.06 0.00	69.50 6.79 0.00	80.92 10.16 -0.28	87.18 12.40 -1.68	117.91 15.05 -20.17	230.11 17.57 -104.18	233.48 21.41 -63.49	264.66 31.12 -9.92	301.15 35.18 -11.79	642.56 78.31 -0.53	916.04 120.53 -57.50	1114.04 128.17 5.28	590.97 52.44 0.06	343.90 30.83 4.36	103.02 8.03 0.10	65.95 4.66 5.95
SOUTH_FORK_WT_PWR 323839	53.05 3.19 0.00	45.52 2.70 0.00	39.43 2.52 0.00	33.95 2.06 0.00	35.51 2.43 0.00	34.32 2.55 0.00	47.65 3.44 0.00	58.78 4.01 0.00	59.08 5.00 0.00	69.56 6.85 0.00	81.11 10.35 -0.28	87.44 12.66 -1.68	118.09 15.24 -20.15	231.10 18.72 -104.02	234.99 23.06 -63.35	266.63 33.10 -9.90	302.65 36.71 -11.76	645.83 81.58 -0.53	919.34 123.88 -57.45	1114.77 128.90 5.28	590.47 51.95 0.06	340.60 27.53 4.36	101.70 6.71 0.10	65.01 3.72 5.95
SPIERFLS_115KV_TB 1 80737	52.53 2.67 0.00	44.83 2.01 0.00	38.68 1.77 0.00	33.42 1.53 0.00	34.70 1.62 0.00	33.36 1.59 0.00	46.31 2.09 0.00	57.26 2.49 0.00	56.51 2.44 0.00	65.44 2.73 0.00	73.82 3.34 0.00	77.31 4.20 0.00	87.34 4.64 0.00	114.80 6.44 0.00	158.98 10.40 0.00	238.69 15.07 0.00	271.39 17.21 0.00	607.27 43.55 0.00	840.62 69.36 -33.25	1079.15 88.00 0.00	586.40 47.82 0.00	342.90 25.46 0.00	102.20 7.11 0.00	71.42 4.17 0.00
ST LAWRENCE____ 23600	49.51 -0.36 0.00	42.55 -0.28 0.00	36.70 -0.21 0.00	31.72 -0.17 0.00	32.86 -0.22 0.00	31.58 -0.19 0.00	43.97 -0.25 0.00	54.56 -0.21 0.00	53.54 -0.53 0.00	61.76 -0.95 0.00	68.78 -1.71 0.00	74.82 -2.78 -4.50	96.42 -3.65 -17.38	114.02 -5.25 -10.91	-0.13 -7.39 141.32	73.32 -10.61 139.69	-12.69 -11.61 255.26	167.62 -26.03 370.08	190.95 -31.47 515.58	858.38 -42.01 90.75	516.04 -22.55 0.00	299.04 -12.36 6.02	8.58 -3.40 83.12	65.51 -1.74 0.00

STATE_CA_115KV_115_LB 55624	50.75 0.88 0.00	43.62 0.80 0.00	37.81 0.90 0.00	32.71 0.81 0.00	33.91 0.83 0.00	32.50 0.73 0.00	45.03 0.81 0.00	55.58 0.82 0.00	54.76 0.69 0.00	63.65 0.94 0.00	72.25 1.77 0.00	75.36 2.26 0.00	85.31 2.62 0.00	112.16 3.80 0.00	154.63 6.05 0.00	232.77 9.15 0.00	264.58 10.40 0.00	588.59 24.87 0.00	797.18 34.82 -24.34	1031.07 39.92 0.00	558.07 19.48 0.00	329.41 11.98 0.00	98.42 3.32 0.00	69.35 2.11 0.00
STATE_ST_34_KV_LOAD 55959	51.03 1.17 0.00	43.61 0.79 0.00	37.36 0.45 0.00	32.22 0.32 0.00	33.44 0.36 0.00	32.18 0.41 0.00	44.98 0.76 0.00	55.51 0.73 -0.02	55.06 0.99 0.00	63.86 1.10 -0.06	71.94 1.46 0.00	74.50 2.19 0.79	82.68 3.04 3.06	109.46 3.37 2.28	152.36 3.77 0.00	229.17 5.54 0.00	260.21 6.03 0.00	576.68 12.94 -0.01	753.92 14.07 -1.84	1025.67 29.17 -5.36	558.09 19.50 0.00	327.21 9.78 0.00	97.55 2.45 0.00	68.47 1.22 0.00
STATION_5_MISC_HYD 23604	51.47 1.61 0.00	43.63 0.81 0.00	36.96 0.05 0.00	31.83 -0.07 0.00	33.01 -0.08 0.00	31.78 0.00 0.00	44.60 0.38 0.00	55.61 0.85 0.00	55.29 1.22 0.00	64.46 1.75 0.00	72.89 2.41 0.00	76.67 3.57 0.00	87.27 4.57 0.00	114.20 5.84 0.00	155.17 6.59 0.00	232.70 9.07 0.00	263.06 8.87 -0.01	581.22 17.50 0.00	747.95 9.94 0.00	1009.23 18.08 0.00	555.64 17.05 0.00	324.34 6.90 0.00	96.70 1.61 0.00	68.19 0.95 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.08 1.22 0.00	43.42 0.60 0.00	36.95 0.04 0.00	31.83 -0.06 0.00	33.01 -0.08 0.00	31.76 -0.01 0.00	44.53 0.31 0.00	55.45 0.68 -0.01	55.09 1.01 0.00	64.07 1.34 -0.01	72.35 1.86 0.00	75.96 2.85 0.00	86.38 3.68 0.00	113.04 4.67 0.00	153.90 5.32 0.00	231.17 7.55 0.00	261.79 7.61 0.00	579.94 16.22 0.00	751.77 12.56 -1.20	1015.44 22.99 -1.30	555.94 17.36 0.00	325.02 7.59 0.00	96.85 1.75 0.00	68.13 0.88 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	51.15 1.29 0.00	43.37 0.55 0.00	36.77 -0.14 0.00	31.66 -0.24 0.00	32.83 -0.25 0.00	31.60 -0.17 0.00	44.34 0.13 0.00	55.30 0.54 0.00	54.98 0.91 0.00	64.11 1.40 0.00	72.52 2.03 0.00	76.26 3.16 0.00	86.79 4.10 0.00	113.62 5.25 0.00	154.44 5.86 0.00	231.77 8.15 0.00	262.07 7.88 -0.01	579.76 16.04 0.00	746.62 8.61 0.00	1007.43 16.28 0.00	553.88 15.29 0.00	323.33 5.90 0.00	96.36 1.27 0.00	67.89 0.64 0.00
STA_56___34_KV_BUS2 355983	51.15 1.29 0.00	43.37 0.55 0.00	36.77 -0.14 0.00	31.66 -0.24 0.00	32.83 -0.25 0.00	31.60 -0.17 0.00	44.34 0.13 0.00	55.30 0.54 0.00	54.98 0.91 0.00	64.11 1.40 0.00	72.52 2.03 0.00	76.26 3.16 0.00	86.79 4.10 0.00	113.62 5.25 0.00	154.44 5.86 0.00	231.77 8.15 0.00	262.07 7.88 -0.01	579.76 16.04 0.00	746.62 8.61 0.00	1007.43 16.28 0.00	553.88 15.29 0.00	323.33 5.90 0.00	96.36 1.27 0.00	67.89 0.64 0.00
STA_67___115KV_BK2 355882	51.29 1.43 0.00	43.47 0.65 0.00	36.84 -0.07 0.00	31.73 -0.17 0.00	32.90 -0.18 0.00	31.67 -0.10 0.00	44.45 0.23 0.00	55.42 0.65 0.00	55.07 1.00 0.00	64.19 1.48 0.00	72.56 2.08 0.00	76.30 3.20 0.00	86.85 4.16 0.00	113.63 5.27 0.00	154.33 5.75 0.00	231.54 7.91 0.00	261.68 7.49 -0.01	578.67 14.95 0.00	744.35 6.34 0.00	1004.63 13.48 0.00	553.30 14.71 0.00	323.02 5.59 0.00	96.32 1.23 0.00	67.94 0.69 0.00
STA_7___115KV_9TRANS 80674	51.92 2.05 0.00	43.99 1.16 0.00	37.26 0.34 0.00	32.07 0.18 0.00	33.26 0.17 0.00	32.02 0.24 0.00	44.95 0.73 0.00	56.08 1.32 0.00	55.79 1.72 0.00	65.09 2.38 0.00	73.65 3.17 0.00	77.51 4.41 0.00	88.28 5.58 0.00	115.51 7.15 0.00	156.97 8.39 0.00	235.45 11.82 0.00	266.00 11.81 -0.01	588.37 24.65 0.00	756.77 18.76 0.00	1021.32 30.18 0.00	561.72 23.14 0.00	327.58 10.15 0.00	97.65 2.55 0.00	68.83 1.58 0.00
STA_82___115KV_TB1 80780	51.30 1.43 0.00	43.48 0.66 0.00	36.85 -0.06 0.00	31.73 -0.16 0.00	32.90 -0.18 0.00	31.67 -0.10 0.00	44.46 0.24 0.00	55.44 0.67 0.00	55.08 1.01 0.00	64.20 1.50 0.00	72.56 2.08 0.00	76.30 3.20 0.00	86.84 4.15 0.00	113.63 5.27 0.00	154.32 5.74 0.00	231.52 7.89 0.00	261.68 7.49 -0.01	578.67 14.95 0.00	744.47 6.45 0.00	1005.03 13.88 0.00	553.41 14.82 0.00	323.08 5.65 0.00	96.36 1.26 0.00	67.96 0.71 0.00
STEEL___WIND 323596	50.83 0.97 0.00	42.87 0.05 0.00	36.04 -0.87 0.00	31.00 -0.89 0.00	32.13 -0.95 0.00	30.90 -0.87 0.00	43.54 -0.68 0.00	54.44 -0.32 0.00	54.28 0.20 0.00	63.15 0.44 0.00	71.23 0.75 0.00	75.20 2.10 0.00	85.85 3.15 0.00	112.30 3.93 0.00	151.99 3.41 0.00	227.18 3.56 0.00	252.20 1.95 3.92	563.70 2.06 2.09	715.43 -17.77 4.81	968.49 -21.18 1.47	538.56 -0.03 0.00	313.77 -3.66 0.00	93.70 -1.40 0.00	66.25 -0.99 0.00
STEPHTWN_115KV_BK_2 55603	51.01 1.15 0.00	43.75 0.93 0.00	37.87 0.96 0.00	32.74 0.85 0.00	33.99 0.91 0.00	32.61 0.83 0.00	45.22 0.99 0.00	55.88 1.12 0.00	54.86 0.78 0.00	63.88 1.17 0.00	72.38 1.89 0.00	75.58 2.48 0.00	85.50 2.81 0.00	112.41 4.04 0.00	155.39 6.81 0.00	233.46 9.84 0.00	265.58 11.40 0.00	591.97 28.25 0.00	798.25 39.54 -20.70	1037.22 46.07 0.00	561.10 22.51 0.00	331.27 13.84 0.00	98.78 3.69 0.00	69.48 2.23 0.00
STEUBEN_REC_LFGE 323667	50.85 0.99 0.00	43.09 0.27 0.00	36.39 -0.53 0.00	31.28 -0.61 0.00	32.16 -0.92 0.00	30.94 -0.83 0.00	43.70 -0.52 0.00	54.69 -0.08 -0.01	54.34 0.26 0.00	62.83 0.10 -0.02	70.32 -0.16 0.00	74.24 1.14 0.00	84.83 2.14 0.00	110.90 2.53 0.00	151.34 2.76 0.00	226.62 2.99 -0.01	264.75 1.59 -8.98	575.73 7.23 -4.78	757.21 2.80 -16.40	1011.23 14.83 -5.25	552.80 14.22 0.00	318.89 1.46 0.00	94.84 -0.26 0.00	66.80 -0.44 0.00
STILLWATER___SOLAR 323814	52.26 2.40 0.00	44.79 1.96 0.00	38.67 1.76 0.00	33.42 1.52 0.00	34.69 1.61 0.00	33.32 1.55 0.00	46.26 2.04 0.00	57.14 2.38 0.00	56.30 2.22 0.00	65.21 2.50 0.00	73.73 3.24 0.00	77.03 3.93 0.00	87.10 4.41 0.00	114.49 6.13 0.00	158.03 9.45 0.00	237.29 13.67 0.00	270.05 15.87 0.00	603.33 39.61 0.00	829.23 59.06 -32.16	1066.41 75.26 0.00	578.63 40.04 0.00	340.62 23.19 0.00	101.56 6.46 0.00	71.27 4.02 0.00
STONY___BROOK 24151	52.14 2.28 0.00	45.21 2.39 0.00	39.21 2.30 0.00	34.11 2.21 0.00	35.27 2.19 0.00	33.85 2.07 0.00	46.61 2.39 0.00	57.42 2.66 0.00	57.17 3.09 0.00	66.59 3.88 0.00	76.99 6.20 -0.31	82.97 7.82 -2.06	120.93 9.74 -28.50	306.58 13.23 -184.99	303.24 16.12 -138.53	265.09 23.86 -17.59	308.64 28.01 -26.45	627.23 62.79 -0.71	916.01 94.10 -83.89	1088.39 102.49 5.24	581.63 43.10 0.06	339.00 25.90 4.33	101.73 6.73 0.10	65.86 4.37 5.76
STURGEON_POOL_HYD 23609	52.35 2.48 0.00	44.98 2.15 0.00	38.88 1.97 0.00	33.68 1.79 0.00	34.92 1.84 0.00	33.49 1.72 0.00	46.61 2.39 0.00	57.75 2.99 0.00	57.40 3.33 0.00	66.93 4.23 0.00	76.17 5.68 0.00	79.81 6.70 0.00	90.72 8.02 0.00	119.45 11.08 0.00	164.56 15.98 0.00	248.12 24.50 0.00	281.55 27.37 0.00	626.72 63.00 0.00	825.92 78.35 -9.56	1082.35 91.20 0.00	583.81 45.22 0.00	344.33 26.90 0.00	102.59 7.49 0.00	71.66 4.41 0.00

ST_LAW_115_BK7_LBMP 345037	49.48 -0.38 0.00	42.54 -0.29 0.00	36.70 -0.21 0.00	31.72 -0.18 0.00	32.85 -0.23 0.00	31.58 -0.19 0.00	43.96 -0.26 0.00	54.53 -0.24 0.00	53.49 -0.59 0.00	61.66 -1.05 0.00	68.63 -1.85 0.00	75.49 -3.08 -5.47	99.78 -4.04 -21.13	116.16 -5.81 -13.61	-0.99 -8.17 141.40	71.17 -11.74 140.71	-13.82 -12.89 255.11	162.91 -28.84 371.97	187.45 -34.74 515.82	854.44 -46.32 90.39	513.89 -24.70 0.00	297.10 -13.34 6.99	8.47 -3.71 82.92	65.40 -1.85 0.00
ST_LAW_115_BK8_LBMP 345038	49.48 -0.38 0.00	42.54 -0.29 0.00	36.70 -0.21 0.00	31.72 -0.18 0.00	32.85 -0.23 0.00	31.58 -0.19 0.00	43.96 -0.26 0.00	54.53 -0.24 0.00	53.49 -0.59 0.00	61.66 -1.05 0.00	68.63 -1.85 0.00	75.49 -3.08 -5.47	99.78 -4.04 -21.13	116.16 -5.81 -13.61	-0.99 -8.17 141.40	71.17 -11.74 140.71	-13.82 -12.89 255.11	162.91 -28.84 371.97	187.45 -34.74 515.82	854.44 -46.32 90.39	513.89 -24.70 0.00	297.10 -13.34 6.99	8.47 -3.71 82.92	65.40 -1.85 0.00
ST_LAW_230_BK5_LBMP 345035	49.51 -0.36 0.00	42.55 -0.28 0.00	36.70 -0.21 0.00	31.72 -0.17 0.00	32.86 -0.22 0.00	31.58 -0.19 0.00	43.97 -0.25 0.00	54.56 -0.21 0.00	53.54 -0.53 0.00	61.76 -0.95 0.00	68.78 -1.71 0.00	73.48 -2.78 -3.17	91.26 -3.65 -12.22	110.31 -5.25 -7.19	-0.11 -7.39 141.31	74.21 -10.61 138.80	-12.88 -11.61 255.44	169.13 -26.03 368.57	190.87 -31.47 515.67	857.88 -42.01 91.25	516.04 -22.55 0.00	299.87 -12.36 5.20	8.32 -3.40 83.38	65.51 -1.74 0.00
ST_LAW_230_BK6_LBMP 345036	49.51 -0.36 0.00	42.55 -0.28 0.00	36.70 -0.21 0.00	31.72 -0.17 0.00	32.86 -0.22 0.00	31.58 -0.19 0.00	43.97 -0.25 0.00	54.56 -0.21 0.00	53.54 -0.53 0.00	61.76 -0.95 0.00	68.78 -1.71 0.00	73.48 -2.78 -3.17	91.26 -3.65 -12.22	110.31 -5.25 -7.19	-0.11 -7.39 141.31	74.21 -10.61 138.80	-12.88 -11.61 255.44	169.13 -26.03 368.57	190.87 -31.47 515.67	857.88 -42.01 91.25	516.04 -22.55 0.00	299.87 -12.36 5.20	8.32 -3.40 83.38	65.51 -1.74 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.14 2.27 0.00	44.81 1.99 0.00	38.76 1.85 0.00	33.58 1.69 0.00	34.80 1.72 0.00	33.38 1.61 0.00	46.41 2.19 0.00	57.39 2.63 0.00	56.90 2.83 0.00	66.28 3.57 0.00	75.40 4.91 0.00	79.04 5.93 0.00	89.83 7.14 0.00	118.42 10.05 0.00	162.98 14.40 0.00	245.72 22.09 0.00	279.30 25.12 0.00	621.47 57.75 0.00	817.95 72.45 -7.49	1074.98 83.84 0.00	580.25 41.66 0.00	342.11 24.68 0.00	101.93 6.83 0.00	71.25 4.01 0.00
SWANROAD_115KV_TB1 355699	49.64 -0.23 0.00	41.82 -1.01 0.00	35.10 -1.81 0.00	30.23 -1.67 0.00	31.33 -1.75 0.00	30.18 -1.59 0.00	42.50 -1.72 0.00	53.00 -1.76 0.00	52.65 -1.43 0.00	61.43 -1.28 0.00	69.27 -1.21 0.00	73.14 0.04 0.00	83.41 0.71 0.00	108.93 0.57 0.00	147.00 -1.58 0.00	219.38 -4.24 0.00	244.80 -6.30 3.08	543.91 -18.14 1.67	685.53 -48.79 3.69	927.15 -62.82 1.18	518.93 -19.66 0.00	302.05 -15.38 0.00	90.65 -4.45 0.00	64.37 -2.87 0.00
SYNERGY___BIOGAS 323694	52.22 2.35 0.00	44.03 1.21 0.00	37.06 0.15 0.00	31.89 0.00 0.00	33.08 -0.01 0.00	31.90 0.13 0.00	44.97 0.75 0.00	56.11 1.35 0.00	55.64 1.57 0.00	64.69 1.98 0.00	72.87 2.39 0.00	76.11 3.01 0.00	87.58 4.88 0.00	114.24 5.88 0.00	152.50 3.92 0.00	228.25 4.62 0.00	255.83 3.73 2.08	569.49 6.91 1.14	727.63 -8.14 2.25	989.18 -1.16 0.81	551.73 13.14 0.00	369.26 4.19 -47.64	144.97 2.24 -47.64	68.71 1.47 0.00
SYRACUSE___ENERGY_ST1 323597	50.25 0.38 0.00	42.99 0.17 0.00	36.89 -0.02 0.00	31.85 -0.04 0.00	33.05 -0.03 0.00	31.77 0.00 0.00	44.38 0.16 0.00	54.98 0.19 -0.03	54.39 0.32 0.00	63.14 0.36 -0.07	71.02 0.53 0.00	73.08 0.94 0.96	80.40 1.41 3.70	107.50 1.90 2.76	150.77 2.19 0.00	226.81 3.19 0.00	257.54 3.36 0.00	569.77 6.04 -0.01	743.81 4.86 -0.94	1012.75 15.23 -6.37	548.73 10.14 0.00	321.94 4.51 0.00	96.01 0.91 0.00	67.50 0.25 0.00
SYRACUSE___ENERGY_ST2 323598	50.25 0.38 0.00	42.99 0.17 0.00	36.89 -0.02 0.00	31.85 -0.04 0.00	33.05 -0.03 0.00	31.77 0.00 0.00	44.38 0.16 0.00	54.98 0.19 -0.03	54.39 0.32 0.00	63.14 0.36 -0.07	71.02 0.53 0.00	73.08 0.94 0.96	80.40 1.41 3.70	107.50 1.90 2.76	150.77 2.19 0.00	226.81 3.19 0.00	257.54 3.36 0.00	569.77 6.04 -0.01	743.81 4.86 -0.94	1012.75 15.23 -6.37	548.73 10.14 0.00	321.94 4.51 0.00	96.01 0.91 0.00	67.50 0.25 0.00
SYRACUSE___POWER 24017	50.31 0.45 0.00	43.04 0.21 0.00	36.93 0.01 0.00	31.88 -0.02 0.00	33.09 0.01 0.00	31.79 0.02 0.00	44.40 0.18 0.00	55.06 0.28 -0.02	54.52 0.45 0.00	63.28 0.53 -0.04	71.31 0.83 0.00	73.49 1.40 1.01	80.73 1.95 3.91	108.14 2.69 2.92	151.89 3.31 0.00	228.62 4.99 0.00	259.68 5.50 0.00	574.71 10.97 -0.01	749.88 11.25 -0.62	1017.73 22.35 -4.23	552.55 13.96 0.00	324.21 6.78 0.00	96.67 1.58 0.00	67.92 0.67 0.00
TALLMAN_138KV_BK151 55660	52.33 2.46 0.00	44.99 2.17 0.00	38.92 2.01 0.00	33.72 1.82 0.00	34.93 1.85 0.00	33.51 1.74 0.00	46.62 2.41 0.00	57.66 2.90 0.00	57.25 3.18 0.00	66.80 4.09 0.00	76.09 5.60 0.00	79.84 6.74 0.00	90.81 8.11 0.00	119.82 11.45 0.00	165.03 16.45 0.00	248.71 25.09 0.00	282.57 28.39 0.00	628.48 64.76 0.00	826.46 80.75 -7.70	1083.98 92.84 0.00	584.65 46.07 0.00	344.64 27.21 0.00	102.68 7.58 0.00	71.67 4.42 0.00
TEALLAVE_115KV_TB7 355573	50.02 0.15 0.00	42.78 -0.04 0.00	36.70 -0.21 0.00	31.68 -0.21 0.00	32.88 -0.20 0.00	31.60 -0.17 0.00	44.12 -0.09 0.00	54.75 -0.03 -0.02	54.22 0.15 0.00	62.98 0.24 -0.04	71.03 0.54 0.00	73.05 1.10 1.16	79.79 1.56 4.47	107.23 2.20 3.34	151.20 2.62 0.00	227.55 3.93 0.00	258.43 4.25 0.00	571.51 7.78 -0.01	744.91 6.38 -0.52	1010.84 16.18 -3.52	549.08 10.49 0.00	322.22 4.79 0.00	96.11 1.01 0.00	67.55 0.30 0.00
TELGRAPH_34_KV_EAST 80808	50.79 0.92 0.00	42.81 -0.01 0.00	35.98 -0.93 0.00	30.98 -0.92 0.00	32.12 -0.96 0.00	30.95 -0.82 0.00	43.60 -0.62 0.00	54.40 -0.36 0.00	54.05 -0.03 0.00	62.96 0.25 0.00	70.99 0.50 0.00	74.80 1.70 0.00	85.37 2.68 0.00	111.61 3.24 0.00	150.44 1.86 0.00	224.92 1.30 0.00	251.32 -0.26 2.60	558.94 -3.36 1.43	708.81 -26.16 3.04	960.38 -29.76 1.01	536.16 -2.43 0.00	312.09 -5.34 0.00	93.63 -1.47 0.00	66.29 -0.96 0.00
TEMPLE___115KV_TB 2 55572	50.05 0.18 0.00	42.80 -0.02 0.00	36.72 -0.18 0.00	31.70 -0.19 0.00	32.91 -0.17 0.00	31.62 -0.15 0.00	44.16 -0.06 0.00	54.76 -0.01 -0.02	54.26 0.18 0.00	63.03 0.28 -0.04	71.09 0.61 0.00	73.14 1.16 1.13	79.98 1.65 4.36	107.42 2.30 3.25	151.33 2.75 0.00	227.80 4.17 0.00	258.70 4.52 0.00	572.12 8.39 -0.01	745.65 7.12 -0.52	1011.77 17.11 -3.51	549.57 10.98 0.00	322.51 5.08 0.00	96.17 1.07 0.00	67.59 0.35 0.00
TIANA___69_KV_BK 1 55817	52.23 2.36 0.00	45.17 2.34 0.00	39.13 2.22 0.00	34.00 2.11 0.00	35.22 2.14 0.00	33.87 2.10 0.00	46.70 2.48 0.00	57.67 2.91 0.00	57.67 3.59 0.00	67.45 4.74 0.00	78.25 7.48 -0.28	84.11 9.33 -1.68	114.31 11.44 -20.16	227.67 15.18 -104.12	230.69 18.66 -63.44	261.22 27.69 -9.91	298.18 32.22 -11.78	635.96 71.70 -0.53	910.69 115.19 -57.48	1115.53 129.66 5.28	594.43 55.90 0.06	341.69 28.61 4.36	102.31 7.32 0.10	65.73 4.44 5.95

TILDEN___115KV_TB1 80814	50.31 0.45 0.00	43.04 0.21 0.00	36.93 0.01 0.00	31.88 -0.02 0.00	33.09 0.01 0.00	31.79 0.02 0.00	44.40 0.18 0.00	55.06 0.28 -0.02	54.52 0.45 0.00	63.28 0.53 -0.04	71.31 0.83 0.00	73.49 1.40 1.01	80.73 1.95 3.91	108.14 2.69 2.92	151.89 3.31 0.00	228.62 4.99 0.00	259.68 5.50 0.00	574.71 10.97 -0.01	749.88 11.25 -0.62	1017.73 22.35 -4.23	552.55 13.96 0.00	324.21 6.78 0.00	96.67 1.58 0.00	67.92 0.67 0.00
TRIGEN___CC 323695	52.34 2.47 0.00	45.29 2.47 0.00	39.22 2.30 0.00	34.04 2.15 0.00	35.21 2.13 0.00	33.79 2.02 0.00	46.77 2.55 0.00	57.74 2.98 0.00	57.48 3.40 0.00	66.98 4.27 0.00	82.04 6.21 -5.34	98.86 7.58 -18.17	118.24 9.09 -26.46	166.41 12.56 -45.49	176.94 16.88 -11.47	254.67 25.78 -5.26	285.36 29.74 -1.44	630.67 66.73 -0.22	842.45 88.16 -16.27	1088.82 98.64 0.97	583.95 45.37 0.01	344.21 27.74 0.96	103.23 7.69 -0.44	97.98 4.82 -25.92
TRINITY___115KV___4 BK 55933	50.43 0.56 0.00	43.35 0.53 0.00	37.60 0.69 0.00	32.53 0.64 0.00	33.72 0.64 0.00	32.31 0.54 0.00	44.76 0.54 0.00	55.21 0.46 0.00	54.38 0.31 0.00	63.16 0.45 0.00	71.68 1.20 0.00	74.73 1.62 0.00	84.53 1.84 0.00	111.19 2.82 0.00	153.29 4.71 0.00	230.55 6.93 0.00	262.12 7.94 0.00	583.05 19.32 0.00	787.21 27.95 -21.25	1021.64 30.49 0.00	553.08 14.49 0.00	326.86 9.42 0.00	97.71 2.61 0.00	68.88 1.63 0.00
UNION___PROCESSING_DRP 323587	51.32 1.45 0.00	43.50 0.68 0.00	36.86 -0.05 0.00	31.74 -0.16 0.00	32.91 -0.17 0.00	31.69 -0.09 0.00	44.48 0.26 0.00	55.45 0.69 0.00	55.10 1.02 0.00	64.21 1.50 0.00	72.59 2.11 0.00	76.33 3.23 0.00	86.87 4.18 0.00	113.66 5.30 0.00	154.40 5.82 0.00	231.61 7.98 0.00	261.75 7.56 -0.01	578.85 15.13 0.00	744.70 6.69 0.00	1005.37 14.22 0.00	553.79 15.21 0.00	323.20 5.76 0.00	96.41 1.32 0.00	67.99 0.74 0.00
UPPER HUDSON___HYD 24058	52.53 2.67 0.00	44.83 2.01 0.00	38.68 1.77 0.00	33.42 1.53 0.00	34.70 1.62 0.00	33.36 1.59 0.00	46.31 2.09 0.00	57.26 2.50 0.00	56.51 2.44 0.00	65.44 2.73 0.00	73.82 3.34 0.00	77.31 4.20 0.00	87.34 4.64 0.00	114.80 6.43 0.00	158.98 10.40 0.00	238.69 15.07 0.00	271.41 17.23 0.00	607.32 43.59 0.00	840.63 69.36 -33.25	1079.15 88.00 0.00	586.40 47.81 0.00	342.90 25.47 0.00	102.21 7.11 0.00	71.42 4.17 0.00
UPPER RAQUET___HYD 24056	49.81 -0.06 0.00	42.77 -0.06 0.00	36.87 -0.04 0.00	31.88 -0.01 0.00	32.89 -0.19 0.00	31.70 -0.07 0.00	44.22 0.00 0.00	54.43 -0.33 0.00	53.18 -0.90 0.00	61.14 -1.57 -0.01	67.78 -2.71 0.00	27.79 -5.26 40.05	-79.11 -7.10 154.70	-21.80 -10.31 119.85	-7.76 -13.99 142.35	44.29 -20.05 159.28	-19.71 -21.97 251.91	109.20 -49.48 405.04	163.43 -57.47 517.11	839.49 -70.67 80.99	504.19 -34.40 0.00	275.53 -17.49 24.41	11.39 -5.23 78.47	64.99 -2.25 0.00
VALLEY44_115KV_TB2 355964	50.64 0.77 0.00	43.03 0.20 0.00	36.35 -0.56 0.00	31.33 -0.56 0.00	32.54 -0.54 0.00	31.17 -0.60 0.00	43.73 -0.49 0.00	54.28 -0.49 0.00	54.14 0.07 0.00	62.70 -0.01 0.00	70.81 0.33 0.00	74.70 1.60 0.00	85.27 2.57 0.00	111.89 3.52 0.00	152.14 3.56 0.00	228.53 4.91 0.00	255.51 2.85 1.52	569.21 6.30 0.81	726.75 -10.43 0.83	975.50 -15.08 0.57	539.90 1.32 0.00	315.18 -2.25 0.00	94.09 -1.00 0.00	66.48 -0.76 0.00
VALLEY___115KV_TB 1-4 80826	50.58 0.72 0.00	43.50 0.67 0.00	37.57 0.66 0.00	32.51 0.62 0.00	33.78 0.70 0.00	32.40 0.63 0.00	44.96 0.74 0.00	55.20 0.44 0.00	54.21 0.13 0.00	62.79 0.08 0.00	71.17 0.68 0.00	73.57 1.29 0.82	81.17 1.66 3.18	109.20 2.37 1.54	168.45 4.00 -15.87	249.74 5.75 -20.36	288.57 7.03 -27.36	633.90 20.53 -49.65	830.54 35.15 -57.38	1045.39 46.43 -7.81	562.93 24.34 0.00	336.71 13.99 -5.29	107.06 3.95 -8.01	69.45 2.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	52.20 2.33 0.00	44.75 1.93 0.00	38.55 1.64 0.00	33.36 1.46 0.00	34.67 1.59 0.00	33.24 1.47 0.00	46.30 2.08 0.00	57.38 2.62 -0.01	56.77 2.70 0.00	65.97 3.25 -0.01	74.58 4.09 0.00	77.91 4.80 0.00	88.47 5.78 0.00	116.08 7.72 0.00	159.06 10.48 0.00	239.58 15.95 0.00	272.56 18.38 0.00	605.31 41.59 0.00	798.16 53.20 -6.95	1060.86 68.48 -1.23	574.72 36.13 0.00	337.59 20.16 0.00	100.74 5.64 0.00	70.74 3.49 0.00
VISCHER___FERRY HYD 24020	51.36 1.50 0.00	44.10 1.28 0.00	38.16 1.25 0.00	33.00 1.11 0.00	34.22 1.14 0.00	32.83 1.06 0.00	45.51 1.29 0.00	56.19 1.43 0.00	55.32 1.25 0.00	64.14 1.44 0.00	72.71 2.22 0.00	75.82 2.72 0.00	85.66 2.96 0.00	112.63 4.26 0.00	155.55 6.97 0.00	233.22 9.59 0.00	265.29 11.11 0.00	591.79 28.07 0.00	808.69 42.29 -28.39	1041.09 49.95 0.00	563.92 25.34 0.00	333.70 16.27 0.00	99.66 4.56 0.00	70.11 2.87 0.00
V_A_10_SYNC_DSASP 323832	50.46 0.60 0.00	42.68 -0.15 0.00	35.99 -0.92 0.00	30.98 -0.91 0.00	32.12 -0.96 0.00	30.92 -0.85 0.00	43.46 -0.76 0.00	54.20 -0.56 0.00	53.86 -0.21 0.00	62.74 0.03 0.00	70.83 0.34 0.00	74.66 1.56 0.00	84.97 2.27 0.00	110.96 2.59 0.00	150.31 1.73 0.00	224.85 1.22 0.00	251.42 -0.75 2.02	558.63 -4.02 1.07	711.91 -24.05 2.05	960.41 -29.99 0.75	532.97 -5.62 0.00	311.14 -6.29 0.00	93.01 -2.09 0.00	65.82 -1.42 0.00
V_CMM_10_SYNC_DSASP 323787	49.75 -0.12 0.00	42.77 -0.06 0.00	36.89 -0.02 0.00	31.88 -0.01 0.00	33.03 -0.06 0.00	31.75 -0.02 0.00	44.20 -0.02 0.00	54.84 0.08 0.00	53.79 -0.28 0.00	62.02 -0.69 0.00	69.04 -1.45 -5.47	75.90 -2.67 -21.13	100.22 -3.60 -13.61	116.41 -5.56 141.40	-0.82 -8.00 140.71	71.48 -11.43 255.11	-13.51 -12.57 371.97	163.63 -28.13 515.82	188.46 -33.73 90.39	855.84 -44.92 0.00	514.58 -24.01 0.00	297.44 -13.00 6.99	8.63 -3.55 82.92	65.71 -1.54 0.00
V_CMP_10_SYNC_DSASP 323788	51.05 1.19 0.00	43.62 0.79 0.00	37.52 0.61 0.00	32.43 0.53 0.00	33.74 0.66 0.00	32.40 0.63 0.00	44.85 0.63 0.00	55.72 0.96 0.00	54.61 0.54 0.00	62.88 0.17 0.00	69.99 -0.50 0.00	71.38 -1.72 0.00	79.79 -2.90 0.00	102.15 -4.09 2.12	1.04 -6.16 141.39	72.13 -11.08 140.42	-12.97 -11.98 255.16	167.48 -24.79 371.45	195.73 -26.48 515.80	863.55 -37.08 90.52	518.66 -19.93 0.00	299.98 -10.73 6.72	9.05 -3.06 82.99	65.07 -2.17 0.00
V_D_10_SYNC_DSASP 323841	50.02 0.15 0.00	42.98 0.15 0.00	37.06 0.15 0.00	32.03 0.14 0.00	33.16 0.08 0.00	31.90 0.12 0.00	44.41 0.20 0.00	55.04 0.27 0.00	53.93 -0.15 0.00	62.13 -0.58 0.00	69.12 -1.37 0.00	78.92 -3.22 -9.04	113.31 -4.32 -34.94	125.66 -6.26 -23.55	-1.56 -8.59 141.55	67.64 -12.32 143.67	-13.50 -13.07 254.60	156.33 -30.16 377.24	186.92 -35.04 516.05	857.49 -44.61 89.05	515.68 -22.91 0.00	296.11 -11.55 9.77	9.42 -3.47 82.21	65.98 -1.27 0.00
V_E_10_SYNC_DSASP 323830	53.76 3.89 0.00	45.72 2.90 0.00	39.15 2.24 0.00	33.98 2.09 0.00	35.44 2.36 0.00	34.14 2.37 0.00	47.81 3.59 0.00	59.20 4.43 -0.01	58.42 4.34 0.00	67.43 4.69 -0.03	76.09 5.60 0.00	79.45 6.35 0.00	90.40 7.70 0.00	118.06 9.70 0.00	160.77 12.19 0.00	242.41 18.78 0.00	277.48 22.60 -0.70	615.92 51.82 -0.37	815.23 72.11 -5.11	1106.46 112.40 -2.91	602.68 64.09 0.00	350.37 32.94 0.00	103.72 8.62 0.00	72.49 5.25 0.00



V_F_30_NSYNC___DSASP 323816	52.33 2.46 0.00	44.86 2.04 0.00	38.71 1.80 0.00	33.45 1.56 0.00	34.74 1.66 0.00	33.35 1.58 0.00	46.34 2.12 0.00	57.26 2.50 0.00	56.43 2.36 0.00	65.41 2.70 0.00	73.97 3.48 0.00	77.29 4.19 0.00	87.43 4.73 0.00	114.87 6.50 0.00	158.53 9.95 0.00	238.10 14.48 0.00	270.91 16.73 0.00	605.06 41.34 0.00	831.68 61.02 -32.65	1068.97 77.82 0.00	579.88 41.29 0.00	341.28 23.85 0.00	101.74 6.64 0.00	71.38 4.14 0.00
V_F_30_SYNC_DSASP 323786	50.74 0.88 0.00	43.62 0.80 0.00	37.80 0.89 0.00	32.71 0.81 0.00	33.91 0.83 0.00	32.50 0.73 0.00	45.02 0.81 0.00	55.57 0.81 0.00	54.75 0.68 0.00	63.64 0.94 0.00	72.25 1.77 0.00	75.35 2.25 0.00	85.29 2.59 0.00	112.16 3.80 0.00	154.63 6.05 0.00	232.68 9.06 0.00	264.48 10.30 0.00	588.46 24.74 0.00	796.81 34.71 -24.09	1030.87 39.72 0.00	557.98 19.39 0.00	329.38 11.95 0.00	98.42 3.32 0.00	69.35 2.11 0.00
V_XM_10_SYNC_DSASP 323789	51.05 1.19 0.00	43.62 0.79 0.00	37.52 0.61 0.00	32.43 0.53 0.00	33.74 0.66 0.00	32.40 0.63 0.00	44.85 0.63 0.00	55.72 0.96 0.00	54.61 0.54 0.00	62.88 0.17 0.00	69.99 -0.50 0.00	71.38 -1.72 0.00	79.79 -2.90 0.00	102.15 -4.09 2.12	1.04 -6.16 141.39	72.13 -11.08 140.42	-12.97 -11.98 255.16	167.48 -24.79 371.45	195.73 -26.48 515.80	863.55 -37.08 90.52	518.66 -19.93 0.00	299.98 -10.73 6.72	9.05 -3.06 82.99	65.07 -2.17 0.00
W.BABYLN_69_KV_BK1 56697	52.71 2.84 0.00	45.69 2.86 0.00	39.58 2.67 0.00	34.39 2.49 0.00	35.55 2.47 0.00	34.09 2.32 0.00	47.07 2.85 0.00	58.17 3.41 0.00	58.04 3.97 0.00	67.66 4.95 0.00	79.03 7.34 -1.21	86.49 8.86 -4.53	109.43 10.58 -16.16	165.59 14.30 -42.92	173.86 18.40 -6.87	255.48 28.00 -3.86	287.66 32.69 -0.79	637.64 73.59 -0.33	858.11 102.42 -17.68	1100.56 115.29 5.88	590.02 51.50 0.07	343.04 30.71 5.10	103.51 8.41 0.00	72.61 5.36 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.53 2.66 0.00	45.16 2.34 0.00	39.05 2.14 0.00	33.83 1.94 0.00	35.05 1.97 0.00	33.63 1.85 0.00	46.79 2.57 0.00	57.88 3.12 0.00	57.49 3.42 0.00	67.09 4.38 0.00	76.42 5.93 0.00	80.22 7.12 0.00	91.25 8.56 0.00	120.41 12.04 0.00	167.15 18.57 0.00	249.89 26.26 0.00	283.99 29.81 0.00	631.58 67.86 0.00	830.58 84.80 -7.76	1089.24 98.09 0.00	587.49 48.90 0.00	346.29 28.86 0.00	103.12 8.03 0.00	71.98 4.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	52.68 2.81 0.00	45.36 2.54 0.00	39.23 2.32 0.00	34.04 2.15 0.00	35.27 2.19 0.00	33.86 2.09 0.00	47.10 2.88 0.00	58.18 3.42 0.00	57.86 3.79 0.00	67.41 4.71 0.00	76.75 6.27 0.00	80.62 7.52 0.00	91.74 9.04 0.00	121.04 12.68 0.00	166.56 17.98 0.00	251.22 27.60 0.00	285.12 30.95 0.00	633.59 69.87 0.00	831.93 85.90 -8.02	1089.52 98.37 0.00	586.27 47.68 0.00	346.54 29.11 0.00	103.51 8.41 0.00	72.22 4.97 0.00
W50THST__13_KV_LOAD 356117	53.02 3.15 0.00	45.65 2.83 0.00	39.50 2.59 0.00	34.29 2.39 0.00	35.52 2.44 0.00	34.13 2.36 0.00	47.49 3.27 0.00	58.69 3.93 0.00	58.42 4.35 0.00	68.07 5.36 0.00	77.46 6.97 0.00	81.31 8.20 0.00	92.53 9.84 0.00	122.12 13.76 0.00	168.02 19.43 0.00	253.50 29.88 0.00	287.60 33.42 0.00	639.08 75.36 0.00	838.43 92.40 -8.02	1097.32 106.17 0.00	590.18 51.60 0.00	349.09 31.65 0.00	104.30 9.20 0.00	72.73 5.48 0.00
WADING RIVER_IC_1 23522	51.49 1.62 0.00	44.59 1.77 0.00	38.66 1.75 0.00	33.65 1.75 0.00	34.82 1.74 0.00	33.44 1.67 0.00	46.05 1.83 0.00	56.82 2.06 0.00	56.71 2.63 0.00	66.18 3.47 0.00	76.67 5.90 -0.28	82.30 7.54 -1.66	112.05 9.37 -19.98	223.42 12.63 -102.43	225.75 15.30 -61.86	255.97 22.59 -9.75	292.27 26.61 -11.48	623.54 59.29 -0.53	898.97 104.02 -56.94	1102.72 116.86 5.28	588.80 50.28 0.06	336.81 23.74 4.36	100.97 5.98 0.10	64.79 3.52 5.97
WADING RIVER_IC_2 23547	51.49 1.62 0.00	44.59 1.77 0.00	38.66 1.75 0.00	33.65 1.75 0.00	34.82 1.74 0.00	33.44 1.67 0.00	46.05 1.83 0.00	56.82 2.06 0.00	56.71 2.63 0.00	66.18 3.47 0.00	76.67 5.90 -0.28	82.30 7.54 -1.66	112.05 9.37 -19.98	223.42 12.63 -102.43	225.75 15.30 -61.86	255.97 22.59 -9.75	292.27 26.61 -11.48	623.54 59.29 -0.53	898.97 104.02 -56.94	1102.72 116.86 5.28	588.80 50.28 0.06	336.81 23.74 4.36	100.97 5.98 0.10	64.79 3.52 5.97
WADING RIVER_IC_3 23601	51.49 1.62 0.00	44.59 1.77 0.00	38.66 1.75 0.00	33.65 1.75 0.00	34.82 1.74 0.00	33.44 1.67 0.00	46.05 1.83 0.00	56.82 2.06 0.00	56.71 2.63 0.00	66.18 3.47 0.00	76.67 5.90 -0.28	82.30 7.54 -1.66	112.05 9.37 -19.98	223.42 12.63 -102.43	225.75 15.30 -61.86	255.97 22.59 -9.75	292.27 26.61 -11.48	623.54 59.29 -0.53	898.97 104.02 -56.94	1102.72 116.86 5.28	588.80 50.28 0.06	336.81 23.74 4.36	100.97 5.98 0.10	64.79 3.52 5.97
WALDENNY_12_KV_BK2 80841	50.92 1.05 0.00	42.95 0.13 0.00	36.10 -0.82 0.00	31.06 -0.83 0.00	32.20 -0.88 0.00	31.00 -0.77 0.00	43.69 -0.53 0.00	54.85 0.09 0.00	54.70 0.63 0.00	63.54 0.83 0.00	71.57 1.09 0.00	75.60 2.50 0.00	86.31 3.61 0.00	112.95 4.59 0.00	152.77 4.19 0.00	228.44 4.81 0.00	253.71 3.37 3.83	566.95 5.27 2.04	718.72 -14.61 4.68	972.19 -17.52 1.44	540.71 2.12 0.00	314.78 -2.65 0.00	93.95 -1.15 0.00	66.46 -0.79 0.00
WALDEN__HYDRO 24148	52.45 2.58 0.00	45.06 2.24 0.00	38.95 2.04 0.00	33.74 1.85 0.00	34.97 1.89 0.00	33.54 1.77 0.00	46.66 2.45 0.00	57.75 2.99 0.00	57.26 3.18 0.00	66.68 3.98 0.00	75.85 5.36 0.00	79.47 6.37 0.00	90.30 7.61 0.00	119.04 10.68 0.00	163.87 15.29 0.00	247.15 23.53 0.00	281.06 26.88 0.00	625.84 62.11 0.00	824.24 78.37 -7.86	1082.97 91.82 0.00	584.55 45.97 0.00	344.71 27.27 0.00	102.64 7.54 0.00	71.70 4.46 0.00
WARRENSBURG____ 23737	52.53 2.67 0.00	44.83 2.01 0.00	38.68 1.77 0.00	33.42 1.53 0.00	34.70 1.62 0.00	33.36 1.59 0.00	46.31 2.09 0.00	57.26 2.49 0.00	56.51 2.44 0.00	65.44 2.73 0.00	73.82 3.34 0.00	77.31 4.20 0.00	87.34 4.64 0.00	114.80 6.44 0.00	158.98 10.40 0.00	238.69 15.07 0.00	271.39 17.21 0.00	607.27 43.55 0.00	840.62 69.36 -33.25	1079.15 88.00 0.00	586.40 47.82 0.00	342.90 25.46 0.00	102.20 7.11 0.00	71.42 4.17 0.00
WATERSIDE____6 8 9 23538	52.53 2.66 0.00	45.27 2.45 0.00	39.17 2.26 0.00	34.02 2.12 0.00	35.23 2.15 0.00	33.82 2.05 0.00	46.99 2.77 0.00	58.05 3.28 0.00	57.73 3.65 0.00	67.16 4.45 0.00	76.42 5.94 0.00	81.07 7.14 -0.83	84.92 8.57 6.34	109.59 12.04 10.81	164.05 17.05 1.58	250.00 26.37 0.00	283.68 29.51 0.00	629.83 66.11 0.00	827.18 81.16 -8.02	1082.44 91.29 0.00	582.20 43.62 0.00	344.65 27.22 0.00	102.92 7.82 0.00	71.84 4.60 0.00
WATKINRD_115KV_LN8_ILLION 55919	50.41 0.54 0.00	43.31 0.49 0.00	37.39 0.48 0.00	32.36 0.46 0.00	33.61 0.52 0.00	32.24 0.47 0.00	44.77 0.55 0.00	55.12 0.36 0.00	54.23 0.15 0.00	62.87 0.16 0.00	71.12 0.63 0.00	73.37 1.09 0.82	80.92 1.40 3.18	108.85 2.02 1.54	167.70 3.25 -15.87	248.69 4.70 -20.36	287.27 5.72 -27.36	629.45 16.08 -49.65	822.07 26.69 -57.38	1033.97 35.01 -7.81	556.97 18.38 0.00	333.26 10.54 -5.29	106.11 3.00 -8.01	68.89 1.65 0.00

WDELAWARE___HYD 323627	51.70 1.84 0.00	44.41 1.59 0.00	38.37 1.46 0.00	33.22 1.33 0.00	34.44 1.36 0.00	33.04 1.27 0.00	46.00 1.78 0.00	56.97 2.21 0.00	56.44 2.36 0.00	65.56 2.85 0.00	74.17 3.68 0.00	75.88 2.78 0.00	86.04 3.35 0.00	113.25 4.88 0.00	155.20 6.61 0.00	234.29 10.66 0.00	268.10 13.92 0.00	610.63 46.90 0.00	805.75 60.01 -7.73	1060.71 69.56 0.00	572.72 34.13 0.00	337.37 19.94 0.00	100.37 5.28 0.00	70.09 2.84 0.00
WEST BABYLON___IC 23714	52.71 2.84 0.00	45.69 2.86 0.00	39.58 2.67 0.00	34.39 2.49 0.00	35.55 2.47 0.00	34.09 2.32 0.00	47.07 2.85 0.00	58.17 3.41 0.00	58.04 3.97 0.00	67.66 4.95 0.00	79.03 7.34 -1.21	86.49 8.86 -4.53	109.43 10.58 -16.16	165.59 14.30 -42.92	173.86 18.40 -6.87	255.48 28.00 -3.86	287.66 32.69 -0.79	637.64 73.59 -0.33	858.11 102.42 -17.68	1100.56 115.29 5.88	590.02 51.50 0.07	343.04 30.71 5.10	103.51 8.41 0.00	72.61 5.36 0.00
WEST CANADA___HYD 24049	50.03 0.17 0.00	42.96 0.13 0.00	37.07 0.16 0.00	32.02 0.13 0.00	33.25 0.16 0.00	31.92 0.14 0.00	44.40 0.18 0.00	54.93 0.17 0.00	54.28 0.21 0.00	62.97 0.26 0.00	70.99 0.50 0.00	73.01 0.73 0.82	80.37 0.86 3.18	108.04 1.22 1.54	166.33 1.88 -15.87	246.57 2.58 -20.36	284.51 2.96 -27.36	620.49 7.11 -49.65	804.96 9.57 -57.38	1011.06 12.10 -7.81	544.57 5.98 0.00	326.13 3.41 -5.29	104.04 0.93 -8.01	67.74 0.49 0.00
WESTERN_NY_WIND 24143	52.13 2.27 0.00	43.96 1.13 0.00	36.99 0.07 0.00	31.83 -0.06 0.00	33.01 -0.07 0.00	31.85 0.08 0.00	44.88 0.67 0.00	56.00 1.24 0.00	55.54 1.46 0.00	64.58 1.87 0.00	72.74 2.25 0.00	76.06 2.96 0.00	87.43 4.74 0.00	114.09 5.73 0.00	152.51 3.93 0.00	228.21 4.59 0.00	255.59 3.65 2.24	569.10 6.61 1.23	726.77 -8.75 2.50	988.27 -2.01 0.87	551.35 12.76 0.00	321.46 4.03 0.00	97.11 2.01 0.00	68.56 1.32 0.00
WESTOVER___LESR 323668	50.84 0.97 0.00	43.50 0.68 0.00	37.27 0.35 0.00	32.21 0.32 0.00	33.47 0.38 0.00	32.10 0.33 0.00	44.80 0.58 0.00	55.44 0.67 -0.01	55.01 0.94 0.00	63.72 0.99 -0.03	71.89 1.40 0.00	75.30 2.20 0.00	85.77 3.08 0.00	112.63 4.27 0.00	154.26 5.68 0.00	232.16 8.54 0.00	263.06 8.88 0.00	583.72 19.99 0.00	760.93 19.61 -3.31	1020.60 26.93 -2.53	554.71 16.13 0.00	326.18 8.75 0.00	97.37 2.27 0.00	68.33 1.08 0.00
WETHRSFD_WT_PWR 323626	49.83 -0.04 0.00	42.23 -0.59 0.00	35.65 -1.26 0.00	30.66 -1.23 0.00	31.69 -1.39 0.00	30.51 -1.26 0.00	42.90 -1.32 0.00	53.44 -1.32 0.00	53.04 -1.03 0.00	61.59 -1.12 0.00	69.11 -1.38 0.00	72.66 -0.44 0.00	82.87 0.17 0.00	108.54 0.18 0.00	147.07 -1.51 0.00	220.14 -3.47 0.01	231.97 -5.81 16.41	542.55 -12.47 8.70	685.98 -27.76 24.28	957.63 -27.37 6.14	534.84 -3.75 0.00	311.06 -6.37 0.00	92.93 -2.16 0.00	65.43 -1.82 0.00
WHAVSTOR_138KV_BK127 55557	52.19 2.32 0.00	44.90 2.07 0.00	38.83 1.92 0.00	33.65 1.75 0.00	34.87 1.79 0.00	33.45 1.68 0.00	46.52 2.30 0.00	57.52 2.76 0.00	57.09 3.02 0.00	66.56 3.85 0.00	75.80 5.32 0.00	79.52 6.42 0.00	90.42 7.73 0.00	119.28 10.91 0.00	164.16 15.58 0.00	247.48 23.86 0.00	281.18 27.00 0.00	625.39 61.67 0.00	822.87 77.08 -7.77	1079.33 88.18 0.00	582.11 43.52 0.00	343.36 25.93 0.00	102.31 7.21 0.00	71.46 4.21 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	52.19 2.32 0.00	44.90 2.07 0.00	38.83 1.92 0.00	33.65 1.75 0.00	34.87 1.79 0.00	33.45 1.68 0.00	46.52 2.30 0.00	57.52 2.76 0.00	57.09 3.02 0.00	66.56 3.85 0.00	75.80 5.32 0.00	79.52 6.42 0.00	90.42 7.73 0.00	119.28 10.91 0.00	164.16 15.58 0.00	247.48 23.86 0.00	281.18 27.00 0.00	625.39 61.67 0.00	822.87 77.08 -7.77	1079.33 88.18 0.00	582.11 43.52 0.00	343.36 25.93 0.00	102.31 7.21 0.00	71.46 4.21 0.00
WHITEHAL_115KV_TB1 80871	54.74 4.88 0.00	46.14 3.32 0.00	39.78 2.87 0.00	34.35 2.45 0.00	35.71 2.63 0.00	34.42 2.65 0.00	47.37 3.15 0.00	58.35 3.59 0.00	57.48 3.41 0.00	66.60 3.89 0.00	75.73 5.25 0.00	79.36 6.25 0.00	89.12 6.43 0.00	117.67 9.31 0.00	165.19 16.61 0.00	247.05 23.42 0.00	278.55 24.37 0.00	623.01 59.29 0.00	864.27 93.26 -33.00	1109.34 118.19 0.00	599.93 61.34 0.00	347.13 29.70 0.00	103.59 8.49 0.00	71.77 4.52 0.00
WHITEPLN_13_KV_LOAD 356215	53.16 3.29 0.00	45.71 2.89 0.00	39.51 2.60 0.00	34.23 2.34 0.00	35.46 2.38 0.00	34.04 2.27 0.00	47.37 3.16 0.00	58.71 3.95 0.00	58.35 4.28 0.00	68.06 5.35 0.00	77.58 7.09 0.00	81.49 8.39 0.00	92.77 10.07 0.00	122.40 14.04 0.00	168.29 19.71 0.00	253.91 30.29 0.00	288.57 34.39 0.00	641.63 77.91 0.00	843.58 97.57 -8.00	1105.61 114.46 0.00	595.26 56.68 0.00	351.00 33.57 0.00	104.54 9.44 0.00	72.93 5.68 0.00
WM_FLOYD_69_KV_BK2 356380	51.99 2.12 0.00	45.03 2.20 0.00	39.03 2.12 0.00	33.99 2.10 0.00	35.15 2.07 0.00	33.76 1.99 0.00	46.49 2.27 0.00	57.36 2.60 0.00	57.23 3.15 0.00	66.73 4.02 0.00	77.25 6.47 -0.29	82.98 8.13 -1.75	113.74 9.99 -21.05	234.38 13.51 -112.51	236.19 16.39 -71.23	258.74 24.40 -10.71	296.28 28.80 -13.30	628.73 64.46 -0.54	901.26 103.10 -60.15	1101.83 115.94 5.26	588.51 49.98 0.06	340.27 27.18 4.35	102.00 7.00 0.10	65.69 4.30 5.86
WOODARD___115KV_TB2 355635	49.87 0.00 0.00	42.66 -0.16 0.00	36.61 -0.30 0.00	31.61 -0.28 0.00	32.81 -0.27 0.00	31.53 -0.25 0.00	44.02 -0.20 0.00	54.60 -0.18 -0.02	54.05 -0.02 0.00	62.78 0.02 -0.05	70.77 0.29 0.00	72.78 0.78 1.10	79.62 1.18 4.25	106.85 1.65 3.17	150.48 1.90 0.00	226.47 2.84 0.00	257.23 3.05 0.00	568.84 5.11 -0.01	742.06 3.36 -0.69	1008.08 12.28 -4.65	546.82 8.24 0.00	320.96 3.52 0.00	95.76 0.66 0.00	67.32 0.07 0.00
WOODMERE_69_KV_BK1 55827	52.92 3.04 -0.01	45.97 3.15 0.00	39.79 2.88 0.00	34.52 2.63 0.00	35.69 2.61 0.00	34.25 2.48 0.00	47.44 3.22 0.00	58.60 3.84 0.00	58.41 4.34 0.00	68.08 5.36 -0.01	90.78 7.23 -13.06	125.64 8.90 -43.63	138.13 10.66 -44.78	170.16 14.63 -47.16	179.27 19.73 -10.96	261.71 30.65 -7.44	291.42 35.47 -1.77	642.55 78.61 -0.22	862.35 101.78 -22.55	1114.23 115.70 -7.39	592.93 54.26 -0.08	356.01 32.36 -6.22	105.38 9.06 -1.22	144.70 5.74 -71.72
YORK___WARBASSE 23770	52.80 2.94 0.00	45.55 2.73 0.00	39.39 2.48 0.00	34.14 2.24 0.00	35.34 2.26 0.00	33.93 2.15 0.00	47.19 2.97 0.00	58.22 3.46 0.00	57.94 3.87 0.00	67.48 4.77 0.00	76.88 6.39 -3.79	84.52 7.63 -47.14	139.05 9.21 -73.26	194.52 12.89 -10.62	177.26 18.06 0.00	251.41 27.79 0.00	285.26 31.08 0.00	633.30 69.57 0.00	830.95 84.93 -8.02	1086.91 95.76 0.00	584.68 46.09 0.00	345.02 27.59 0.00	103.10 8.00 0.00	72.05 4.80 0.00