





ASTORIA_EAST_ENERGY_CC1 323581	19.09 1.24 0.00	21.76 1.11 0.00	20.04 1.02 0.00	19.95 0.99 0.00	20.09 1.03 0.00	20.84 1.06 0.00	25.61 1.35 0.00	24.48 1.57 0.00	25.58 1.68 0.00	25.66 1.54 -2.45	27.49 1.79 -1.66	27.18 1.93 0.00	48.93 1.32 -30.25	30.39 2.17 0.00	30.97 2.35 0.00	35.25 2.29 -5.26	30.55 2.40 0.00	37.00 3.13 0.00	31.95 2.66 0.00	35.66 2.28 0.00	36.35 2.31 0.00	31.42 2.13 0.00	42.12 2.84 0.00	29.03 2.05 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.09 1.24 0.00	21.76 1.11 0.00	20.04 1.02 0.00	19.95 0.99 0.00	20.09 1.03 0.00	20.84 1.06 0.00	25.61 1.35 0.00	24.48 1.57 0.00	25.58 1.68 0.00	25.66 1.54 -2.45	27.49 1.79 -1.66	27.18 1.93 0.00	48.93 1.32 -30.25	30.39 2.17 0.00	30.97 2.35 0.00	35.25 2.29 -5.26	30.55 2.40 0.00	37.00 3.13 0.00	31.95 2.66 0.00	35.66 2.28 0.00	36.35 2.31 0.00	31.42 2.13 0.00	42.12 2.84 0.00	29.03 2.05 0.00
ASTORIA_GT2_1 24094	19.09 1.25 0.00	21.77 1.12 0.00	20.05 1.03 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.15 0.00	31.96 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.44 2.15 0.00	42.15 2.87 0.00	29.05 2.07 0.00
ASTORIA_GT2_2 24095	19.09 1.25 0.00	21.77 1.12 0.00	20.05 1.03 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.15 0.00	31.96 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.44 2.15 0.00	42.15 2.87 0.00	29.05 2.07 0.00
ASTORIA_GT2_3 24096	19.09 1.25 0.00	21.77 1.12 0.00	20.05 1.03 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.15 0.00	31.96 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.44 2.15 0.00	42.15 2.87 0.00	29.05 2.07 0.00
ASTORIA_GT2_4 24097	19.09 1.25 0.00	21.77 1.12 0.00	20.05 1.03 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.15 0.00	31.96 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.44 2.15 0.00	42.15 2.87 0.00	29.05 2.07 0.00
ASTORIA_GT3_1 24098	19.09 1.25 0.00	21.77 1.12 0.00	20.05 1.03 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.15 0.00	31.96 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.44 2.15 0.00	42.15 2.87 0.00	29.05 2.07 0.00
ASTORIA_GT3_2 24099	19.09 1.25 0.00	21.77 1.12 0.00	20.05 1.03 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.15 0.00	31.96 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.44 2.15 0.00	42.15 2.87 0.00	29.05 2.07 0.00
ASTORIA_GT3_3 24100	19.09 1.25 0.00	21.77 1.12 0.00	20.05 1.03 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.15 0.00	31.96 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.44 2.15 0.00	42.15 2.87 0.00	29.05 2.07 0.00
ASTORIA_GT3_4 24101	19.09 1.25 0.00	21.77 1.12 0.00	20.05 1.03 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.15 0.00	31.96 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.44 2.15 0.00	42.15 2.87 0.00	29.05 2.07 0.00
ASTORIA_GT4_1 24102	19.09 1.25 0.00	21.77 1.12 0.00	20.05 1.03 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.15 0.00	31.96 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.44 2.15 0.00	42.15 2.87 0.00	29.05 2.07 0.00
ASTORIA_GT4_2 24103	19.09 1.25 0.00	21.77 1.12 0.00	20.05 1.03 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.15 0.00	31.96 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.44 2.15 0.00	42.15 2.87 0.00	29.05 2.07 0.00
ASTORIA_GT4_3 24104	19.09 1.25 0.00	21.77 1.12 0.00	20.05 1.03 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.15 0.00	31.96 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.44 2.15 0.00	42.15 2.87 0.00	29.05 2.07 0.00
ASTORIA_GT4_4 24105	19.09 1.25 0.00	21.77 1.12 0.00	20.05 1.03 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.15 0.00	31.96 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.44 2.15 0.00	42.15 2.87 0.00	29.05 2.07 0.00
ASTORIA_GT_1 23523	19.13 1.28 0.00	21.81 1.16 0.00	20.09 1.07 0.00	20.00 1.03 0.00	20.14 1.06 0.00	20.88 1.10 0.00	25.68 1.42 0.00	24.55 1.64 0.00	25.65 1.75 0.00	25.73 1.61 -2.45	27.57 1.87 -1.66	27.26 2.01 0.00	48.99 1.38 -30.25	30.49 2.27 0.00	31.07 2.45 0.00	35.35 2.39 -5.26	30.65 2.51 0.00	37.12 3.25 0.00	32.05 2.76 0.00	35.77 2.39 0.00	36.46 2.43 0.00	31.51 2.23 0.00	42.24 2.96 0.00	29.11 2.14 0.00

ASTORIA_GT_10 24110	19.03 1.18 0.00	21.73 1.08 0.00	19.96 0.94 0.00	19.89 0.93 0.00	20.06 0.99 0.00	20.80 1.02 0.00	25.59 1.33 0.00	24.47 1.56 0.00	25.58 1.69 0.00	25.68 1.57 -2.45	27.54 1.83 -1.66	27.20 1.95 0.00	48.96 1.34 -30.25	30.41 2.18 0.00	30.96 2.35 0.00	35.27 2.30 -5.26	30.55 2.40 0.00	36.94 3.07 0.00	31.87 2.58 0.00	35.60 2.22 0.00	36.28 2.25 0.00	31.32 2.04 0.00	41.99 2.71 0.00	28.93 1.95 0.00
ASTORIA_GT_11 24225	19.03 1.18 0.00	21.73 1.08 0.00	19.96 0.94 0.00	19.89 0.93 0.00	20.06 0.99 0.00	20.80 1.02 0.00	25.59 1.33 0.00	24.47 1.56 0.00	25.58 1.69 0.00	25.68 1.57 -2.45	27.54 1.83 -1.66	27.20 1.95 0.00	48.96 1.34 -30.25	30.41 2.18 0.00	30.96 2.35 0.00	35.27 2.30 -5.26	30.55 2.40 0.00	36.94 3.07 0.00	31.87 2.58 0.00	35.60 2.22 0.00	36.28 2.25 0.00	31.32 2.04 0.00	41.99 2.71 0.00	28.93 1.95 0.00
ASTORIA_GT_12 24226	19.03 1.18 0.00	21.73 1.08 0.00	19.96 0.94 0.00	19.89 0.93 0.00	20.06 0.99 0.00	20.80 1.02 0.00	25.59 1.33 0.00	24.47 1.56 0.00	25.58 1.69 0.00	25.68 1.57 -2.45	27.54 1.83 -1.66	27.20 1.95 0.00	48.96 1.34 -30.25	30.41 2.18 0.00	30.96 2.35 0.00	35.27 2.30 -5.26	30.55 2.40 0.00	36.94 3.07 0.00	31.87 2.58 0.00	35.60 2.22 0.00	36.28 2.25 0.00	31.32 2.04 0.00	41.99 2.71 0.00	28.93 1.95 0.00
ASTORIA_GT_13 24227	19.03 1.18 0.00	21.73 1.08 0.00	19.96 0.94 0.00	19.89 0.93 0.00	20.06 0.99 0.00	20.80 1.02 0.00	25.59 1.33 0.00	24.47 1.56 0.00	25.58 1.69 0.00	25.68 1.57 -2.45	27.54 1.83 -1.66	27.20 1.95 0.00	48.96 1.34 -30.25	30.41 2.18 0.00	30.96 2.35 0.00	35.27 2.30 -5.26	30.55 2.40 0.00	36.94 3.07 0.00	31.87 2.58 0.00	35.60 2.22 0.00	36.28 2.25 0.00	31.32 2.04 0.00	41.99 2.71 0.00	28.93 1.95 0.00
ASTORIA_GT_5 24106	19.13 1.28 0.00	21.81 1.16 0.00	20.09 1.07 0.00	20.00 1.03 0.00	20.14 1.06 0.00	20.88 1.10 0.00	25.68 1.42 0.00	24.55 1.64 0.00	25.65 1.75 0.00	25.73 1.61 -2.45	27.57 1.87 -1.66	27.26 2.01 0.00	48.99 1.38 -30.25	30.49 2.27 0.00	31.07 2.45 0.00	35.35 2.39 -5.26	30.65 2.51 0.00	37.12 3.25 0.00	32.05 2.76 0.00	35.77 2.39 0.00	36.46 2.43 0.00	31.51 2.23 0.00	42.24 2.96 0.00	29.11 2.14 0.00
ASTORIA_GT_7 24107	19.13 1.28 0.00	21.81 1.16 0.00	20.09 1.07 0.00	20.00 1.03 0.00	20.14 1.06 0.00	20.88 1.10 0.00	25.68 1.42 0.00	24.55 1.64 0.00	25.65 1.75 0.00	25.73 1.61 -2.45	27.57 1.87 -1.66	27.26 2.01 0.00	48.99 1.38 -30.25	30.49 2.27 0.00	31.07 2.45 0.00	35.35 2.39 -5.26	30.65 2.51 0.00	37.12 3.25 0.00	32.05 2.76 0.00	35.77 2.39 0.00	36.46 2.43 0.00	31.51 2.23 0.00	42.24 2.96 0.00	29.11 2.14 0.00
ASTORIA_GT_8 24108	19.13 1.29 0.00	21.81 1.16 0.00	20.09 1.07 0.00	20.00 1.03 0.00	20.14 1.07 0.00	20.89 1.10 0.00	25.68 1.42 0.00	24.55 1.64 0.00	25.65 1.75 0.00	25.73 1.61 -2.45	27.57 1.86 -1.66	27.26 2.01 0.00	48.99 1.38 -30.25	30.49 2.27 0.00	31.07 2.45 0.00	35.35 2.39 -5.26	30.65 2.51 0.00	37.12 3.25 0.00	32.05 2.76 0.00	35.77 2.39 0.00	36.47 2.43 0.00	31.51 2.23 0.00	42.24 2.96 0.00	29.11 2.14 0.00
ASTORIA___2 24149	19.09 1.24 0.00	21.77 1.12 0.00	20.05 1.04 0.00	19.96 1.00 0.00	20.10 1.03 0.00	20.85 1.07 0.00	25.63 1.37 0.00	24.49 1.58 0.00	25.59 1.70 0.00	25.68 1.56 -2.45	27.51 1.81 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.98 2.37 0.00	35.27 2.30 -5.26	30.57 2.42 0.00	37.02 3.16 0.00	31.97 2.67 0.00	35.69 2.30 0.00	36.37 2.34 0.00	31.43 2.15 0.00	42.16 2.88 0.00	29.05 2.07 0.00
ASTORIA___3 23516	19.03 1.18 0.00	21.73 1.08 0.00	19.96 0.94 0.00	19.89 0.93 0.00	20.06 0.99 0.00	20.80 1.02 0.00	25.59 1.33 0.00	24.47 1.56 0.00	25.58 1.69 0.00	25.68 1.57 -2.45	27.54 1.83 -1.66	27.20 1.95 0.00	48.96 1.34 -30.25	30.41 2.18 0.00	30.96 2.35 0.00	35.27 2.30 -5.26	30.55 2.40 0.00	36.94 3.07 0.00	31.87 2.58 0.00	35.60 2.22 0.00	36.28 2.25 0.00	31.32 2.04 0.00	41.98 2.70 0.00	28.93 1.95 0.00
ASTORIA___4 23517	19.03 1.18 0.00	21.73 1.08 0.00	19.96 0.94 0.00	19.89 0.93 0.00	20.06 0.99 0.00	20.80 1.02 0.00	25.59 1.33 0.00	24.47 1.56 0.00	25.58 1.69 0.00	25.68 1.57 -2.45	27.54 1.83 -1.66	27.20 1.95 0.00	48.96 1.34 -30.25	30.41 2.18 0.00	30.96 2.35 0.00	35.27 2.30 -5.26	30.55 2.40 0.00	36.94 3.07 0.00	31.87 2.58 0.00	35.60 2.22 0.00	36.28 2.25 0.00	31.32 2.04 0.00	41.99 2.71 0.00	28.93 1.95 0.00
ASTORIA___5 23518	19.03 1.18 0.00	21.73 1.08 0.00	19.96 0.94 0.00	19.89 0.93 0.00	20.06 0.99 0.00	20.80 1.02 0.00	25.59 1.33 0.00	24.47 1.56 0.00	25.58 1.69 0.00	25.68 1.57 -2.45	27.54 1.83 -1.66	27.20 1.95 0.00	48.96 1.34 -30.25	30.41 2.18 0.00	30.96 2.35 0.00	35.27 2.30 -5.26	30.55 2.40 0.00	36.94 3.07 0.00	31.87 2.58 0.00	35.60 2.22 0.00	36.28 2.25 0.00	31.32 2.04 0.00	41.98 2.70 0.00	28.93 1.95 0.00
AST_ENERGY_2_CC3 323677	19.00 1.15 0.00	21.70 1.05 0.00	19.92 0.90 0.00	19.86 0.89 0.00	20.03 0.96 0.00	20.76 0.98 0.00	25.53 1.26 0.00	24.40 1.49 0.00	25.50 1.61 0.00	25.63 1.51 -2.45	27.47 1.77 -1.66	27.13 1.88 0.00	48.91 1.29 -30.26	30.33 2.11 0.00	30.88 2.27 0.00	35.23 2.26 -5.26	30.50 2.36 0.00	36.91 3.04 0.00	31.82 2.52 0.00	35.59 2.20 0.00	36.25 2.22 0.00	31.23 1.95 0.00	41.93 2.65 0.00	28.88 1.90 0.00
AST_ENERGY_2_CC4 323678	19.00 1.15 0.00	21.70 1.05 0.00	19.92 0.90 0.00	19.86 0.89 0.00	20.03 0.96 0.00	20.76 0.98 0.00	25.53 1.26 0.00	24.40 1.49 0.00	25.50 1.61 0.00	25.63 1.51 -2.45	27.47 1.77 -1.66	27.13 1.88 0.00	48.91 1.29 -30.26	30.33 2.11 0.00	30.88 2.27 0.00	35.23 2.26 -5.26	30.50 2.36 0.00	36.91 3.04 0.00	31.82 2.52 0.00	35.59 2.20 0.00	36.25 2.22 0.00	31.23 1.95 0.00	41.93 2.65 0.00	28.88 1.90 0.00
ATHENS_STG_1 23668	18.54 0.69 0.00	21.32 0.68 0.00	19.61 0.59 0.00	19.60 0.63 0.00	19.74 0.68 0.00	20.44 0.65 0.00	25.01 0.75 0.00	23.77 0.85 0.00	24.77 0.88 0.00	23.11 0.79 -0.66	25.39 0.90 -0.44	26.17 0.92 0.00	26.11 0.64 -8.12	29.28 1.06 0.00	29.70 1.09 0.00	30.18 1.07 -1.41	29.33 1.18 0.00	35.50 1.63 0.00	30.66 1.37 0.00	34.59 1.21 0.00	35.25 1.22 0.00	30.27 0.99 0.00	40.72 1.44 0.00	28.01 1.04 0.00
ATHENS_STG_2 23670	18.54 0.69 0.00	21.32 0.68 0.00	19.61 0.59 0.00	19.60 0.63 0.00	19.74 0.68 0.00	20.44 0.65 0.00	25.01 0.75 0.00	23.77 0.85 0.00	24.77 0.88 0.00	23.11 0.79 -0.66	25.39 0.90 -0.44	26.17 0.92 0.00	26.11 0.64 -8.12	29.28 1.06 0.00	29.70 1.09 0.00	30.18 1.07 -1.41	29.33 1.18 0.00	35.50 1.63 0.00	30.66 1.37 0.00	34.59 1.21 0.00	35.25 1.22 0.00	30.27 0.99 0.00	40.72 1.44 0.00	28.01 1.04 0.00











BROOKVLE_69_KV_TB1 55790	19.34 1.49 0.00	22.09 1.44 0.00	20.26 1.24 0.00	20.18 1.22 0.00	20.35 1.28 0.00	21.12 1.33 0.00	25.98 1.72 0.00	24.81 1.90 0.00	25.83 1.94 0.00	26.17 1.82 -2.68	28.52 2.30 -2.18	32.06 2.41 -4.40	52.35 1.68 -33.31	37.11 2.72 -6.17	37.78 2.84 -6.33	40.79 2.79 -10.30	44.46 2.92 -13.39	48.92 3.74 -11.31	41.04 3.14 -8.62	36.33 2.85 -0.10	36.90 2.87 0.00	37.49 2.54 -5.67	43.91 3.38 -1.25	30.28 2.45 -0.86
BROOME_2_LFGE 323671	18.11 0.27 0.00	20.89 0.24 0.00	19.19 0.17 0.00	19.14 0.17 0.00	19.24 0.17 0.00	19.97 0.19 0.00	24.64 0.38 0.00	23.43 0.52 0.00	24.50 0.60 0.00	22.25 0.58 0.00	24.63 0.58 0.00	25.84 0.60 0.00	17.74 0.38 0.00	28.97 0.75 0.00	29.44 0.83 0.00	28.50 0.80 0.00	28.87 0.72 0.00	34.98 1.12 0.00	30.30 1.00 0.00	34.18 0.79 0.00	34.96 0.93 0.00	29.98 0.70 0.00	40.45 1.17 0.00	27.72 0.74 0.00
BROOME__LFGE 323600	18.11 0.27 0.00	20.89 0.24 0.00	19.19 0.17 0.00	19.14 0.17 0.00	19.24 0.17 0.00	19.97 0.19 0.00	24.64 0.38 0.00	23.43 0.52 0.00	24.50 0.60 0.00	22.25 0.58 0.00	24.63 0.58 0.00	25.84 0.60 0.00	17.74 0.38 0.00	28.97 0.75 0.00	29.44 0.83 0.00	28.50 0.80 0.00	28.87 0.72 0.00	34.98 1.12 0.00	30.30 1.00 0.00	34.18 0.79 0.00	34.96 0.93 0.00	29.98 0.70 0.00	40.45 1.17 0.00	27.72 0.74 0.00
BROWNFLS_115KV_TB_3_5 80003	16.94 -0.91 0.00	19.62 -1.03 0.00	18.29 -0.73 0.00	18.24 -0.73 0.00	18.33 -0.74 0.00	19.05 -0.73 0.00	23.32 -0.95 0.00	21.88 -1.03 0.00	22.69 -1.21 0.00	20.60 -1.07 0.00	22.89 -1.15 0.00	23.93 -1.31 0.00	16.38 -0.98 0.00	26.46 -1.76 0.00	26.93 -1.68 0.00	26.04 -1.66 0.00	26.41 -1.74 0.00	29.11 -2.03 2.73	27.86 -1.44 0.00	32.13 -1.26 0.00	32.68 -1.35 0.00	27.93 -1.35 0.00	37.24 -2.04 0.00	25.47 -1.51 0.00
BROWNSV1_27_KV_LOAD 356125	19.24 1.39 0.00	21.96 1.31 0.00	20.16 1.14 0.00	20.09 1.12 0.00	20.26 1.19 0.00	21.01 1.23 0.00	25.86 1.59 0.00	24.72 1.81 0.00	25.85 1.96 0.00	25.94 1.82 -2.45	27.84 2.14 -1.66	27.51 2.26 0.00	49.18 1.56 -30.26	30.77 2.55 0.00	31.35 2.73 0.00	35.69 2.73 -5.26	30.97 2.83 0.00	37.49 3.62 0.00	32.32 3.02 0.00	36.14 2.75 0.00	36.82 2.79 0.00	31.71 2.43 0.00	42.56 3.27 0.00	29.30 2.32 0.00
BURROWS__LYONSDAL 23803	17.59 -0.25 0.00	20.31 -0.34 0.00	18.81 -0.20 0.00	18.79 -0.17 0.00	18.92 -0.14 0.00	19.66 -0.13 0.00	24.14 -0.13 0.00	22.75 -0.16 0.00	23.60 -0.30 0.00	21.44 -0.23 0.00	23.87 -0.18 0.00	24.97 -0.28 0.00	17.08 -0.28 0.00	27.70 -0.52 0.00	28.18 -0.44 0.00	27.20 -0.51 0.00	27.60 -0.55 0.00	33.43 -0.44 0.00	29.29 -0.01 0.00	33.49 0.10 0.00	33.99 -0.04 0.00	28.99 -0.30 0.00	38.81 -0.47 0.00	26.60 -0.38 0.00
CAITHNESS_CC_1 323624	19.77 1.92 0.00	22.58 1.93 0.00	20.70 1.68 0.00	20.59 1.63 0.00	20.74 1.67 0.00	21.56 1.78 0.00	26.53 2.27 0.00	25.36 2.45 0.00	26.38 2.49 0.00	26.54 2.19 -2.68	28.88 2.65 -2.19	32.74 2.86 -4.63	56.01 1.94 -36.71	93.37 3.16 -61.99	83.71 3.27 -51.83	158.64 3.13 -127.80	186.61 3.25 -155.22	173.39 4.15 -135.37	110.13 3.51 -77.32	60.99 3.32 -24.29	50.39 3.33 -13.02	81.20 3.12 -48.80	44.72 4.19 -1.25	30.93 3.09 -0.86
CALPINE BETH_PAGE_GT4 24209	19.30 1.45 0.00	22.11 1.46 0.00	20.26 1.24 0.00	20.19 1.22 0.00	20.34 1.28 0.00	21.13 1.35 0.00	26.00 1.73 0.00	24.83 1.92 0.00	25.89 1.99 0.00	26.17 1.81 -2.68	28.37 2.14 -2.18	31.91 2.25 -4.40	52.72 1.57 -33.80	37.68 2.54 -6.91	38.23 2.69 -6.93	42.18 2.62 -11.86	46.10 2.73 -15.21	49.83 3.53 -12.43	41.50 2.97 -9.24	36.37 2.67 -0.31	36.80 2.67 -0.10	38.00 2.47 -6.25	43.79 3.26 -1.25	30.28 2.44 -0.86
CALPINE_BETH_PAGE_GT_4 323586	19.30 1.45 0.00	22.11 1.46 0.00	20.26 1.24 0.00	20.19 1.22 0.00	20.34 1.28 0.00	21.13 1.35 0.00	26.00 1.73 0.00	24.83 1.92 0.00	25.89 1.99 0.00	26.17 1.81 -2.68	28.37 2.14 -2.19	31.91 2.25 -4.40	52.72 1.56 -33.80	37.68 2.54 -6.91	38.23 2.68 -6.93	42.18 2.62 -11.86	46.10 2.73 -15.21	49.83 3.53 -12.43	41.50 2.97 -9.24	36.37 2.67 -0.32	36.79 2.66 -0.10	38.00 2.47 -6.25	43.80 3.27 -1.25	30.28 2.44 -0.86
CALPINE_BP_GT1 23823	19.30 1.45 0.00	22.11 1.46 0.00	20.26 1.24 0.00	20.19 1.22 0.00	20.34 1.28 0.00	21.13 1.35 0.00	26.00 1.73 0.00	24.83 1.92 0.00	25.89 1.99 0.00	26.17 1.81 -2.68	28.37 2.14 -2.19	31.91 2.25 -4.40	52.72 1.56 -33.80	37.68 2.54 -6.91	38.23 2.68 -6.93	42.18 2.62 -11.86	46.10 2.73 -15.21	49.83 3.53 -12.43	41.50 2.97 -9.24	36.37 2.67 -0.32	36.79 2.66 -0.10	38.00 2.47 -6.25	43.80 3.27 -1.25	30.28 2.44 -0.86
CALSPAN__DRP 24200	18.12 0.27 0.00	21.02 0.37 0.00	19.28 0.26 0.00	19.04 0.07 0.00	18.97 -0.10 0.00	19.82 0.03 0.00	24.63 0.37 0.00	23.39 0.48 0.00	24.65 0.75 0.00	22.47 0.81 0.00	24.88 0.83 0.00	26.32 1.07 0.00	18.02 0.67 0.00	29.50 1.29 0.00	30.03 1.41 0.00	28.93 1.23 0.00	29.10 0.95 0.00	35.42 1.55 0.00	30.74 1.45 0.00	34.48 1.10 0.00	35.57 1.54 0.00	30.62 1.34 0.00	41.18 1.89 0.00	28.39 1.41 0.00
CALVERTON__SOLAR 323806	19.95 2.11 0.00	22.78 2.13 0.00	20.88 1.86 0.00	20.77 1.80 0.00	20.92 1.85 0.00	21.75 1.96 0.00	26.76 2.50 0.00	25.59 2.68 0.00	26.64 2.74 0.00	26.77 2.42 -2.68	29.14 2.91 -2.19	33.04 3.16 -4.63	56.26 2.14 -36.75	94.14 3.51 -62.41	84.43 3.65 -52.16	159.90 3.52 -128.67	188.15 3.67 -156.34	200.80 4.67 -162.25	140.46 3.97 -107.19	65.41 3.81 -28.21	51.06 3.83 -13.19	81.94 3.54 -49.12	45.26 4.72 -1.25	31.25 3.42 -0.86
CANDIGU_WT_PWR 323617	17.90 0.05 0.00	20.78 0.13 0.00	19.04 0.02 0.00	18.91 -0.06 0.00	18.93 -0.14 0.00	19.71 -0.08 0.00	24.46 0.19 0.00	23.39 0.48 0.00	24.63 0.74 0.00	22.46 0.79 0.00	24.78 0.74 0.00	26.04 0.79 0.00	17.78 0.42 0.00	29.03 0.81 0.00	29.44 0.82 0.00	28.29 0.59 0.00	28.55 0.40 0.00	34.86 0.98 0.00	30.32 1.03 0.00	34.19 0.80 0.00	35.14 1.11 0.00	30.18 0.89 0.00	40.92 1.64 0.00	27.95 0.97 0.00
CARR STREET_E_SYR 24060	17.77 -0.07 0.00	20.52 -0.12 0.00	18.87 -0.14 0.00	18.80 -0.16 0.00	18.90 -0.17 0.00	19.64 -0.14 0.00	24.16 -0.10 0.00	22.87 -0.04 0.00	23.84 -0.06 0.00	21.64 -0.03 0.00	24.02 -0.03 0.00	25.26 0.02 0.00	17.34 -0.02 0.00	28.25 0.03 0.00	28.56 -0.05 0.00	27.66 -0.05 0.00	28.07 -0.08 0.00	33.90 0.03 0.00	29.36 0.07 0.00	33.31 -0.07 0.00	34.00 -0.03 0.00	29.18 -0.10 0.00	39.21 -0.07 0.00	27.00 0.02 0.00
CARTHAGE__PAPER 23857	17.30 -0.55 0.00	19.96 -0.68 0.00	18.54 -0.49 0.00	18.51 -0.46 0.00	18.64 -0.42 0.00	19.40 -0.39 0.00	23.80 -0.46 0.00	22.35 -0.56 0.00	23.02 -0.88 0.00	20.87 -0.80 0.00	23.24 -0.81 0.00	24.17 -1.08 0.00	16.53 -0.83 0.00	26.69 -1.53 0.00	27.22 -1.40 0.00	26.28 -1.42 0.00	26.64 -1.51 0.00	29.19 -1.50 3.19	28.62 -0.67 0.00	32.97 -0.42 0.00	33.55 -0.48 0.00	28.49 -0.79 0.00	38.09 -1.19 0.00	26.01 -0.96 0.00

CASSADAGA_WT_PWR 323784	18.46 0.61 0.00	21.45 0.80 0.00	19.60 0.58 0.00	19.40 0.43 0.00	19.37 0.30 0.00	20.23 0.44 0.00	25.33 1.07 0.00	24.17 1.26 0.00	25.46 1.57 0.00	23.34 1.68 0.00	25.89 1.85 0.00	27.22 1.97 0.00	18.35 0.99 0.00	30.31 2.09 0.00	30.97 2.36 0.00	29.85 2.15 0.00	29.92 1.77 0.00	36.50 2.63 0.00	31.87 2.57 0.00	35.76 2.38 0.00	36.81 2.78 0.00	31.45 2.17 0.00	42.44 3.16 0.00	29.12 2.14 0.00
CE_DUNWOOD___DRP 24194	18.97 1.12 0.00	21.70 1.05 0.00	19.92 0.89 0.00	19.87 0.90 0.00	20.04 0.97 0.00	20.77 0.98 0.00	25.53 1.26 0.00	24.36 1.45 0.00	25.45 1.55 0.00	25.71 1.43 -2.60	27.48 1.68 -1.76	27.02 1.77 0.00	50.74 1.22 -32.16	30.22 2.01 0.00	30.75 2.14 0.00	35.42 2.12 -5.59	30.38 2.23 0.00	36.79 2.92 0.00	31.73 2.44 0.00	35.55 2.17 0.00	36.21 2.18 0.00	31.14 1.86 0.00	41.84 2.56 0.00	28.81 1.83 0.00
CE_MILLWOOD___DRP 24193	18.93 1.08 0.00	21.66 1.01 0.00	19.88 0.86 0.00	19.83 0.87 0.00	20.01 0.94 0.00	20.74 0.95 0.00	25.48 1.22 0.00	24.32 1.41 0.00	25.39 1.50 0.00	25.77 1.38 -2.72	27.51 1.62 -1.84	26.95 1.70 0.00	52.11 1.17 -33.58	30.15 1.93 0.00	30.67 2.05 0.00	35.58 2.04 -5.84	30.30 2.16 0.00	36.70 2.83 0.00	31.65 2.36 0.00	35.47 2.08 0.00	36.13 2.10 0.00	31.06 1.78 0.00	41.75 2.47 0.00	28.74 1.77 0.00
CE_NYC2_DRP 24202	19.04 1.20 0.00	21.75 1.10 0.00	19.97 0.95 0.00	19.91 0.94 0.00	20.08 1.01 0.00	20.82 1.04 0.00	25.62 1.35 0.00	24.49 1.58 0.00	25.60 1.71 0.00	25.71 1.59 -2.45	27.56 1.86 -1.66	27.22 1.98 0.00	48.97 1.36 -30.25	30.43 2.21 0.00	30.98 2.37 0.00	35.29 2.33 -5.26	30.57 2.43 0.00	36.98 3.11 0.00	31.90 2.60 0.00	35.64 2.25 0.00	36.32 2.29 0.00	31.34 2.06 0.00	42.02 2.74 0.00	28.95 1.97 0.00
CE_NYC_DRP 24195	19.03 1.19 0.00	21.73 1.08 0.00	19.95 0.93 0.00	19.89 0.92 0.00	20.07 1.00 0.00	20.79 1.01 0.00	25.57 1.30 0.00	24.44 1.53 0.00	25.55 1.66 0.00	25.67 1.56 -2.45	27.54 1.83 -1.66	27.20 1.95 0.00	48.95 1.33 -30.26	30.41 2.19 0.00	30.96 2.35 0.00	35.30 2.34 -5.26	30.58 2.44 0.00	37.01 3.14 0.00	31.90 2.60 0.00	35.68 2.29 0.00	36.34 2.31 0.00	31.31 2.03 0.00	42.02 2.73 0.00	28.94 1.96 0.00
CHAFFEE___LFGE 323603	18.14 0.30 0.00	21.03 0.38 0.00	19.28 0.26 0.00	19.04 0.07 0.00	18.99 -0.08 0.00	19.83 0.05 0.00	24.65 0.39 0.00	23.43 0.52 0.00	24.69 0.79 0.00	22.51 0.85 0.00	24.91 0.86 0.00	26.40 1.15 0.00	17.99 0.63 0.00	29.59 1.37 0.00	30.16 1.54 0.00	29.04 1.34 0.00	29.24 1.10 0.00	35.59 1.73 0.00	30.90 1.60 0.00	34.65 1.26 0.00	35.75 1.72 0.00	30.74 1.46 0.00	41.31 2.03 0.00	28.45 1.47 0.00
CHATEAUG_35_KV_LOAD 355732	17.13 -0.72 0.00	19.98 -0.67 0.00	18.55 -0.47 0.00	18.39 -0.58 0.00	18.35 -0.72 0.00	19.12 -0.67 0.00	23.78 -0.49 0.00	22.43 -0.48 0.00	23.57 -0.32 0.00	21.44 -0.23 0.00	23.75 -0.30 0.00	24.93 -0.31 0.00	17.01 -0.35 0.00	27.35 -0.87 0.00	27.46 -1.16 0.00	26.67 -1.03 0.00	27.12 -1.03 0.00	32.19 -1.10 0.58	28.43 -0.86 0.00	33.03 -0.36 0.00	33.50 -0.54 0.00	28.64 -0.64 0.00	37.80 -1.48 0.00	25.71 -1.26 0.00
CHATEAUG_WT_PWR 323614	17.10 -0.75 0.00	19.95 -0.70 0.00	18.53 -0.49 0.00	18.36 -0.61 0.00	18.32 -0.75 0.00	19.07 -0.71 0.00	23.76 -0.50 0.00	22.43 -0.48 0.00	23.57 -0.32 0.00	21.45 -0.21 0.00	23.77 -0.28 0.00	24.94 -0.30 0.00	17.00 -0.36 0.00	27.36 -0.86 0.00	27.46 -1.16 0.00	26.67 -1.03 0.00	27.10 -1.05 0.00	32.30 -1.08 0.49	28.48 -0.81 0.00	33.06 -0.33 0.00	33.52 -0.52 0.00	28.62 -0.66 0.00	37.78 -1.50 0.00	25.69 -1.29 0.00
CHAT_HIGH_FALL_HYD 323578	17.13 -0.72 0.00	19.98 -0.67 0.00	18.55 -0.47 0.00	18.39 -0.58 0.00	18.35 -0.72 0.00	19.12 -0.67 0.00	23.78 -0.49 0.00	22.43 -0.48 0.00	23.57 -0.32 0.00	21.44 -0.23 0.00	23.75 -0.30 0.00	24.93 -0.32 0.00	17.00 -0.36 0.00	27.35 -0.87 0.00	27.46 -1.16 0.00	26.67 -1.03 0.00	27.12 -1.03 0.00	32.18 -1.11 0.58	28.43 -0.86 0.00	33.03 -0.36 0.00	33.50 -0.54 0.00	28.64 -0.64 0.00	37.81 -1.47 0.00	25.71 -1.26 0.00
CHAUTAUQUA___LFGE 323629	18.32 0.48 0.00	21.24 0.59 0.00	19.44 0.42 0.00	19.24 0.28 0.00	19.21 0.15 0.00	20.05 0.26 0.00	25.05 0.78 0.00	23.88 0.97 0.00	25.15 1.25 0.00	22.98 1.31 0.00	25.44 1.40 0.00	26.85 1.60 0.00	18.28 0.92 0.00	30.05 1.83 0.00	30.62 2.01 0.00	29.49 1.79 0.00	29.64 1.49 0.00	36.15 2.28 0.00	31.41 2.11 0.00	35.17 1.79 0.00	36.27 2.25 0.00	31.06 1.78 0.00	41.97 2.69 0.00	28.81 1.84 0.00
CHERRYST_13_KV_LD 356241	19.08 1.23 0.00	21.79 1.14 0.00	20.00 0.98 0.00	19.94 0.98 0.00	20.12 1.05 0.00	20.86 1.07 0.00	25.66 1.40 0.00	24.54 1.63 0.00	25.66 1.76 0.00	25.78 1.66 -2.45	27.65 1.95 -1.66	27.33 2.08 0.00	49.04 1.42 -30.26	30.56 2.34 0.00	31.11 2.50 0.00	35.45 2.48 -5.26	30.74 2.59 0.00	37.18 3.31 0.00	32.03 2.74 0.00	35.81 2.43 0.00	36.47 2.44 0.00	31.40 2.12 0.00	42.16 2.88 0.00	29.02 2.05 0.00
CHESTROR_138KV_BK263 355645	18.74 0.89 0.00	21.48 0.83 0.00	19.72 0.70 0.00	19.68 0.71 0.00	19.85 0.78 0.00	20.57 0.79 0.00	25.27 1.01 0.00	24.07 1.16 0.00	25.12 1.23 0.00	20.68 1.12 2.11	23.92 1.30 1.43	26.61 1.36 0.00	-7.75 0.94 26.04	29.78 1.57 0.00	30.28 1.67 0.00	24.84 1.66 4.53	29.94 1.79 0.00	36.27 2.40 0.00	31.30 2.01 0.00	35.16 1.78 0.00	35.83 1.80 0.00	30.76 1.48 0.00	41.32 2.04 0.00	28.44 1.46 0.00
CH_MIDHUDSON___DRP 24192	18.94 1.09 0.00	21.69 1.04 0.00	19.91 0.89 0.00	19.87 0.91 0.00	20.04 0.98 0.00	20.77 0.99 0.00	25.49 1.23 0.00	24.30 1.39 0.00	25.36 1.47 0.00	23.55 1.35 -0.54	25.97 1.56 -0.36	26.88 1.63 0.00	25.14 1.13 -6.65	30.06 1.85 0.00	30.55 1.94 0.00	30.78 1.93 -1.16	30.23 2.08 0.00	36.63 2.77 0.00	31.62 2.33 0.00	35.52 2.13 0.00	36.16 2.12 0.00	31.04 1.76 0.00	41.77 2.49 0.00	28.76 1.78 0.00
CH_MISC_IPPS 23765	19.03 1.18 0.00	21.80 1.15 0.00	20.01 0.99 0.00	19.97 1.00 0.00	20.13 1.06 0.00	20.87 1.09 0.00	25.63 1.37 0.00	24.45 1.54 0.00	25.52 1.63 0.00	23.16 1.49 0.00	25.77 1.73 0.00	27.06 1.81 0.00	18.63 1.27 0.00	30.31 2.09 0.00	30.80 2.19 0.00	29.90 2.20 0.00	30.50 2.36 0.00	36.97 3.11 0.00	31.90 2.60 0.00	35.82 2.44 0.00	36.46 2.43 0.00	31.28 2.00 0.00	42.05 2.77 0.00	28.93 1.95 0.00
CH_RES_BVR_FALLS 23983	17.62 -0.22 0.00	20.46 -0.19 0.00	18.89 -0.13 0.00	18.82 -0.14 0.00	18.89 -0.17 0.00	19.61 -0.17 0.00	24.04 -0.23 0.00	22.61 -0.30 0.00	23.61 -0.28 0.00	21.41 -0.26 0.00	23.74 -0.30 0.00	24.94 -0.31 0.00	17.15 -0.21 0.00	27.82 -0.40 0.00	28.17 -0.44 0.00	27.29 -0.42 0.00	27.68 -0.47 0.00	33.03 -0.70 0.14	28.69 -0.60 0.00	32.92 -0.47 0.00	33.58 -0.45 0.00	28.95 -0.33 0.00	38.68 -0.60 0.00	26.53 -0.45 0.00

CH_RES_NIAGARA 23895	17.58 -0.27 0.00	20.39 -0.26 0.00	18.67 -0.35 0.00	18.40 -0.57 0.00	18.30 -0.77 0.00	19.14 -0.64 0.00	23.77 -0.49 0.00	22.49 -0.42 0.00	23.67 -0.22 0.00	21.57 -0.10 0.00	23.86 -0.18 0.00	25.27 0.03 0.00	17.49 0.13 0.00	28.36 0.14 0.00	28.83 0.21 0.00	27.76 0.05 0.00	27.87 -0.27 0.00	33.84 -0.03 0.00	29.39 0.09 0.00	33.01 -0.37 0.00	34.11 0.08 0.00	29.44 0.17 0.00	39.49 0.21 0.00	27.49 0.51 0.00
CH_RES_SYRACUSE 23985	17.87 0.02 0.00	20.63 -0.01 0.00	18.98 -0.04 0.00	18.90 -0.07 0.00	19.00 -0.07 0.00	19.76 -0.03 0.00	24.30 0.03 0.00	23.00 0.09 0.00	23.95 0.05 0.00	21.72 0.06 0.00	24.14 0.09 0.00	25.38 0.13 0.00	17.50 0.14 0.00	28.46 0.24 0.00	28.82 0.21 0.00	27.91 0.21 0.00	28.32 0.18 0.00	34.20 0.33 0.00	29.64 0.35 0.00	33.62 0.24 0.00	34.32 0.29 0.00	29.44 0.16 0.00	39.52 0.24 0.00	27.13 0.15 0.00
CLINTON_WT_PWR 323605	17.10 -0.75 0.00	19.95 -0.70 0.00	18.53 -0.49 0.00	18.36 -0.61 0.00	18.32 -0.75 0.00	19.07 -0.71 0.00	23.76 -0.50 0.00	22.43 -0.48 0.00	23.57 -0.32 0.00	21.45 -0.21 0.00	23.77 -0.28 0.00	24.94 -0.30 0.00	17.00 -0.36 0.00	27.36 -0.86 0.00	27.46 -1.16 0.00	26.67 -1.03 0.00	27.10 -1.05 0.00	32.30 -1.08 0.49	28.48 -0.81 0.00	33.06 -0.33 0.00	33.52 -0.52 0.00	28.62 -0.66 0.00	37.78 -1.50 0.00	25.69 -1.29 0.00
CLINTON___LFGE 323618	17.23 -0.61 0.00	20.09 -0.56 0.00	18.69 -0.33 0.00	18.51 -0.45 0.00	18.47 -0.60 0.00	19.19 -0.59 0.00	23.94 -0.33 0.00	22.63 -0.28 0.00	23.75 -0.15 0.00	21.64 -0.03 0.00	23.96 -0.08 0.00	25.11 -0.14 0.00	17.08 -0.27 0.00	27.55 -0.67 0.00	27.66 -0.96 0.00	26.85 -0.85 0.00	27.31 -0.83 0.00	32.64 -0.72 0.51	28.86 -0.43 0.00	33.42 0.04 0.00	33.93 -0.10 0.00	28.95 -0.33 0.00	38.21 -1.07 0.00	25.92 -1.06 0.00
COBBLENY_34_KV_TB1 80064	18.14 0.30 0.00	21.03 0.38 0.00	19.28 0.26 0.00	19.04 0.07 0.00	18.98 -0.08 0.00	19.83 0.05 0.00	24.66 0.39 0.00	23.43 0.52 0.00	24.69 0.79 0.00	22.51 0.84 0.00	24.91 0.86 0.00	26.39 1.14 0.00	17.99 0.63 0.00	29.58 1.36 0.00	30.15 1.54 0.00	29.04 1.34 0.00	29.24 1.09 0.00	35.59 1.72 0.00	30.89 1.60 0.00	34.65 1.26 0.00	35.73 1.70 0.00	30.74 1.46 0.00	41.31 2.03 0.00	28.45 1.47 0.00
COFFEEN__115KV_TB3 355620	17.47 -0.38 0.00	20.13 -0.52 0.00	18.65 -0.36 0.00	18.62 -0.35 0.00	18.75 -0.32 0.00	19.52 -0.26 0.00	23.99 -0.27 0.00	22.54 -0.37 0.00	23.15 -0.74 0.00	20.93 -0.74 0.00	23.34 -0.70 0.00	24.22 -1.03 0.00	16.62 -0.74 0.00	26.83 -1.39 0.00	27.34 -1.28 0.00	26.42 -1.28 0.00	26.77 -1.38 0.00	29.99 -1.26 2.62	28.91 -0.39 0.00	33.30 -0.08 0.00	34.05 0.01 0.00	28.87 -0.41 0.00	38.62 -0.66 0.00	26.39 -0.58 0.00
COLDSPRG_115KV_BK1 355956	18.76 0.92 0.00	21.72 1.08 0.00	19.87 0.85 0.00	19.68 0.72 0.00	19.68 0.61 0.00	20.56 0.78 0.00	25.71 1.45 0.00	24.56 1.65 0.00	25.89 2.00 0.00	23.71 2.04 0.00	26.26 2.22 0.00	27.62 2.37 0.00	18.46 1.10 0.00	30.80 2.58 0.00	31.44 2.82 0.00	30.25 2.55 0.00	30.37 2.22 0.00	37.01 3.14 0.00	32.18 2.89 0.00	36.01 2.63 0.00	37.04 3.01 0.00	31.77 2.49 0.00	42.89 3.61 0.00	29.42 2.44 0.00
COLONIE_LFGE__ 323577	18.65 0.81 0.00	21.48 0.83 0.00	19.77 0.76 0.00	19.78 0.81 0.00	19.92 0.85 0.00	20.64 0.85 0.00	25.19 0.93 0.00	23.82 0.91 0.00	24.81 0.91 0.00	23.00 0.76 -0.57	25.28 0.85 -0.39	26.06 0.81 0.00	25.02 0.57 -7.09	29.20 0.98 0.00	29.53 0.91 0.00	29.77 0.83 -1.23	29.16 1.01 0.00	35.37 1.50 0.00	30.61 1.32 0.00	34.71 1.32 0.00	35.39 1.35 0.00	30.33 1.05 0.00	40.89 1.61 0.00	28.02 1.04 0.00
COOPERNY_115KV_TB1 80082	18.50 0.66 0.00	21.26 0.61 0.00	19.53 0.51 0.00	19.49 0.53 0.00	19.64 0.58 0.00	20.36 0.57 0.00	25.00 0.73 0.00	23.78 0.87 0.00	24.81 0.92 0.00	21.72 0.84 0.79	24.48 0.97 0.53	26.26 1.01 0.00	8.29 0.67 9.74	29.39 1.17 0.00	29.87 1.25 0.00	27.27 1.27 1.69	29.49 1.35 0.00	35.70 1.83 0.00	30.82 1.53 0.00	34.72 1.34 0.00	35.38 1.35 0.00	30.39 1.11 0.00	40.81 1.53 0.00	28.08 1.10 0.00
COPENHAGEN_WT_PWR 323753	17.20 -0.64 0.00	19.84 -0.81 0.00	18.38 -0.64 0.00	18.36 -0.61 0.00	18.50 -0.57 0.00	19.25 -0.54 0.00	23.63 -0.63 0.00	22.19 -0.72 0.00	22.80 -1.09 0.00	20.71 -0.96 0.00	23.10 -0.95 0.00	23.96 -1.29 0.00	16.38 -0.98 0.00	26.43 -1.79 0.00	27.01 -1.61 0.00	26.07 -1.63 0.00	26.41 -1.74 0.00	29.68 -1.72 2.47	28.47 -0.82 0.00	32.71 -0.68 0.00	33.29 -0.74 0.00	28.23 -1.06 0.00	37.83 -1.45 0.00	25.89 -1.09 0.00
CORNELL____ 23752	18.24 0.39 0.00	21.04 0.39 0.00	19.34 0.32 0.00	19.28 0.32 0.00	19.37 0.31 0.00	20.15 0.37 0.00	24.86 0.60 0.00	23.59 0.68 0.00	24.65 0.76 0.00	22.32 0.65 0.00	24.70 0.65 0.00	25.91 0.66 0.00	17.84 0.48 0.00	29.08 0.86 0.00	29.49 0.87 0.00	28.62 0.91 0.00	28.97 0.82 0.00	35.10 1.23 0.00	30.51 1.22 0.00	34.62 1.23 0.00	35.42 1.39 0.00	30.36 1.08 0.00	40.74 1.46 0.00	27.91 0.94 0.00
CORONAAY_69_KV_TB1 355595	19.38 1.53 0.00	22.13 1.48 0.00	20.29 1.27 0.00	20.21 1.25 0.00	20.38 1.31 0.00	21.15 1.37 0.00	26.02 1.76 0.00	24.82 1.91 0.00	25.87 1.98 0.00	26.17 1.81 -2.68	28.45 2.21 -2.18	31.93 2.28 -4.40	52.28 1.61 -33.31	37.02 2.62 -6.17	37.71 2.77 -6.33	40.74 2.74 -10.30	44.43 2.89 -13.39	48.90 3.72 -11.31	41.05 3.15 -8.62	36.37 2.89 -0.10	36.92 2.89 0.00	37.56 2.61 -5.67	43.95 3.42 -1.25	30.38 2.55 -0.86
CORTLAND_115KV_TB3 80093	18.09 0.24 0.00	20.87 0.22 0.00	19.19 0.17 0.00	19.14 0.17 0.00	19.24 0.17 0.00	20.00 0.22 0.00	24.64 0.37 0.00	23.37 0.46 0.00	24.39 0.49 0.00	22.11 0.44 0.00	24.50 0.46 0.00	25.72 0.47 0.00	17.70 0.34 0.00	28.84 0.62 0.00	29.25 0.64 0.00	28.35 0.65 0.00	28.77 0.62 0.00	34.80 0.93 0.00	30.17 0.88 0.00	34.21 0.83 0.00	34.97 0.94 0.00	29.97 0.69 0.00	40.26 0.98 0.00	27.61 0.63 0.00
COXSACKIE___GT 23611	19.15 1.31 0.00	22.06 1.41 0.00	20.30 1.28 0.00	20.31 1.34 0.00	20.45 1.38 0.00	21.23 1.45 0.00	25.98 1.72 0.00	24.56 1.65 0.00	25.39 1.49 0.00	23.23 1.14 -0.42	25.48 1.15 -0.29	26.35 1.10 0.00	23.43 0.82 -5.24	29.55 1.34 0.00	29.99 1.38 0.00	29.94 1.32 -0.91	29.72 1.57 0.00	36.30 2.43 0.00	31.67 2.38 0.00	36.24 2.86 0.00	37.06 3.03 0.00	31.63 2.35 0.00	42.35 3.06 0.00	28.92 1.94 0.00
CPV_VALLEY___CC1 323721	18.58 0.73 0.00	21.31 0.66 0.00	19.58 0.56 0.00	19.54 0.58 0.00	19.71 0.64 0.00	20.42 0.63 0.00	25.07 0.81 0.00	23.87 0.96 0.00	24.92 1.02 0.00	21.33 0.93 1.27	24.29 1.10 0.86	26.39 1.15 0.00	2.50 0.78 15.64	29.54 1.32 0.00	30.02 1.41 0.00	26.40 1.41 2.72	29.65 1.51 0.00	35.91 2.04 0.00	31.00 1.70 0.00	34.84 1.45 0.00	35.49 1.46 0.00	30.49 1.21 0.00	40.95 1.67 0.00	28.19 1.21 0.00

CPV_VALLEY___CC2 323722	18.58 0.73 0.00	21.31 0.66 0.00	19.58 0.56 0.00	19.54 0.58 0.00	19.71 0.64 0.00	20.42 0.63 0.00	25.07 0.81 0.00	23.87 0.96 0.00	24.92 1.02 0.00	21.33 0.93 1.27	24.29 1.10 0.86	26.39 1.15 0.00	2.50 0.78 15.64	29.54 1.32 0.00	30.02 1.41 0.00	26.40 1.41 2.72	29.65 1.51 0.00	35.91 2.04 0.00	31.00 1.70 0.00	34.84 1.45 0.00	35.49 1.46 0.00	30.49 1.21 0.00	40.95 1.67 0.00	28.19 1.21 0.00
CRESCENT___HYD 24018	18.65 0.81 0.00	21.48 0.83 0.00	19.77 0.76 0.00	19.78 0.81 0.00	19.92 0.85 0.00	20.64 0.85 0.00	25.19 0.93 0.00	23.82 0.91 0.00	24.81 0.91 0.00	23.00 0.76 -0.57	25.28 0.85 -0.39	26.06 0.81 0.00	25.02 0.57 -7.09	29.20 0.98 0.00	29.53 0.91 0.00	29.77 0.83 -1.23	29.16 1.01 0.00	35.37 1.50 0.00	30.61 1.32 0.00	34.71 1.32 0.00	35.39 1.35 0.00	30.33 1.05 0.00	40.89 1.61 0.00	28.02 1.04 0.00
CRICKET___VALLEY_CC1 323756	18.77 0.93 0.00	21.50 0.86 0.00	19.76 0.75 0.00	19.73 0.76 0.00	19.90 0.83 0.00	20.62 0.83 0.00	25.25 0.99 0.00	24.05 1.14 0.00	25.08 1.18 0.00	23.84 1.07 -1.10	26.04 1.25 -0.75	26.52 1.27 0.00	31.81 0.84 -13.62	29.57 1.35 0.00	30.01 1.39 0.00	31.43 1.36 -2.37	29.67 1.52 0.00	35.99 2.12 0.00	31.09 1.79 0.00	34.94 1.56 0.00	35.57 1.53 0.00	30.53 1.25 0.00	41.32 2.04 0.00	28.50 1.53 0.00
CRICKET___VALLEY_CC2 323757	18.77 0.93 0.00	21.50 0.86 0.00	19.76 0.75 0.00	19.73 0.76 0.00	19.90 0.83 0.00	20.62 0.83 0.00	25.25 0.99 0.00	24.05 1.14 0.00	25.08 1.18 0.00	23.84 1.07 -1.10	26.04 1.25 -0.75	26.52 1.27 0.00	31.81 0.84 -13.62	29.57 1.35 0.00	30.01 1.39 0.00	31.43 1.36 -2.37	29.67 1.52 0.00	35.99 2.12 0.00	31.09 1.79 0.00	34.94 1.56 0.00	35.57 1.53 0.00	30.53 1.25 0.00	41.32 2.04 0.00	28.50 1.53 0.00
CRICKET___VALLEY_CC3 323758	18.77 0.93 0.00	21.50 0.86 0.00	19.76 0.75 0.00	19.73 0.76 0.00	19.90 0.83 0.00	20.62 0.83 0.00	25.25 0.99 0.00	24.05 1.14 0.00	25.08 1.18 0.00	23.84 1.07 -1.10	26.04 1.25 -0.75	26.52 1.27 0.00	31.81 0.84 -13.62	29.57 1.35 0.00	30.01 1.39 0.00	31.43 1.36 -2.37	29.67 1.52 0.00	35.99 2.12 0.00	31.09 1.79 0.00	34.94 1.56 0.00	35.57 1.53 0.00	30.53 1.25 0.00	41.32 2.04 0.00	28.50 1.53 0.00
CRUCIBLE_METL_DRP 24180	17.87 0.02 0.00	20.63 -0.01 0.00	18.98 -0.04 0.00	18.90 -0.07 0.00	19.00 -0.07 0.00	19.76 -0.03 0.00	24.30 0.03 0.00	23.00 0.09 0.00	23.95 0.05 0.00	21.72 0.06 0.00	24.14 0.09 0.00	25.38 0.12 0.00	17.50 0.14 0.00	28.46 0.24 0.00	28.82 0.21 0.00	27.91 0.21 0.00	28.32 0.18 0.00	34.20 0.33 0.00	29.64 0.35 0.00	33.62 0.24 0.00	34.32 0.29 0.00	29.44 0.16 0.00	39.51 0.23 0.00	27.13 0.15 0.00
DAHOWA___HYDRO 323763	18.81 0.97 0.00	21.58 0.93 0.00	19.89 0.87 0.00	19.91 0.94 0.00	20.06 0.99 0.00	20.74 0.95 0.00	25.37 1.11 0.00	23.97 1.06 0.00	24.93 1.04 0.00	23.07 0.85 -0.55	25.33 0.91 -0.37	26.14 0.89 0.00	24.79 0.63 -6.80	29.41 1.20 0.00	29.71 1.10 0.00	30.03 1.15 -1.18	29.49 1.35 0.00	35.86 1.99 0.00	31.12 1.82 0.00	35.28 1.89 0.00	35.96 1.92 0.00	30.86 1.58 0.00	41.53 2.25 0.00	28.36 1.38 0.00
DANC___LFGE 323619	17.34 -0.51 0.00	20.00 -0.65 0.00	18.48 -0.54 0.00	18.44 -0.53 0.00	18.56 -0.51 0.00	19.31 -0.48 0.00	23.72 -0.55 0.00	22.33 -0.58 0.00	23.07 -0.83 0.00	20.93 -0.74 0.00	23.29 -0.76 0.00	24.29 -0.96 0.00	16.65 -0.71 0.00	26.96 -1.26 0.00	27.43 -1.18 0.00	26.50 -1.20 0.00	26.87 -1.27 0.00	30.99 -1.24 1.64	28.66 -0.63 0.00	32.79 -0.60 0.00	33.42 -0.61 0.00	28.50 -0.78 0.00	38.21 -1.07 0.00	26.19 -0.79 0.00
DANSKAMMER___1 23586	19.03 1.18 0.00	21.80 1.15 0.00	20.01 0.99 0.00	19.97 1.00 0.00	20.13 1.06 0.00	20.87 1.09 0.00	25.63 1.37 0.00	24.45 1.54 0.00	25.52 1.63 0.00	23.16 1.49 0.00	25.77 1.73 0.00	27.06 1.81 0.00	18.63 1.27 0.00	30.31 2.09 0.00	30.80 2.19 0.00	29.90 2.20 0.00	30.50 2.36 0.00	36.97 3.11 0.00	31.90 2.60 0.00	35.82 2.44 0.00	36.46 2.43 0.00	31.28 2.00 0.00	42.05 2.77 0.00	28.93 1.95 0.00
DANSKAMMER___2 23589	19.03 1.18 0.00	21.80 1.15 0.00	20.01 0.99 0.00	19.97 1.00 0.00	20.13 1.06 0.00	20.87 1.09 0.00	25.63 1.37 0.00	24.45 1.54 0.00	25.52 1.63 0.00	23.16 1.49 0.00	25.77 1.73 0.00	27.06 1.81 0.00	18.63 1.27 0.00	30.31 2.09 0.00	30.80 2.19 0.00	29.90 2.20 0.00	30.50 2.36 0.00	36.97 3.11 0.00	31.90 2.60 0.00	35.82 2.44 0.00	36.46 2.43 0.00	31.28 2.00 0.00	42.05 2.77 0.00	28.93 1.95 0.00
DANSKAMMER___3 23590	19.03 1.18 0.00	21.80 1.15 0.00	20.01 0.99 0.00	19.97 1.00 0.00	20.13 1.06 0.00	20.87 1.09 0.00	25.63 1.37 0.00	24.45 1.54 0.00	25.52 1.63 0.00	23.16 1.49 0.00	25.77 1.73 0.00	27.06 1.81 0.00	18.63 1.27 0.00	30.31 2.09 0.00	30.80 2.19 0.00	29.90 2.20 0.00	30.50 2.36 0.00	36.97 3.11 0.00	31.90 2.60 0.00	35.82 2.44 0.00	36.46 2.43 0.00	31.28 2.00 0.00	42.05 2.77 0.00	28.93 1.95 0.00
DANSKAMMER___4 23591	19.03 1.18 0.00	21.80 1.15 0.00	20.01 0.99 0.00	19.97 1.00 0.00	20.13 1.06 0.00	20.87 1.09 0.00	25.63 1.37 0.00	24.45 1.54 0.00	25.52 1.63 0.00	23.16 1.49 0.00	25.77 1.73 0.00	27.06 1.81 0.00	18.63 1.27 0.00	30.31 2.09 0.00	30.80 2.19 0.00	29.90 2.20 0.00	30.50 2.36 0.00	36.97 3.11 0.00	31.90 2.60 0.00	35.82 2.44 0.00	36.46 2.43 0.00	31.28 2.00 0.00	42.05 2.77 0.00	28.93 1.95 0.00
DANSKAMMER___DIESEL 23592	19.03 1.18 0.00	21.80 1.15 0.00	20.01 0.99 0.00	19.97 1.00 0.00	20.14 1.06 0.00	20.87 1.09 0.00	25.63 1.37 0.00	24.45 1.54 0.00	25.52 1.63 0.00	23.16 1.49 0.00	25.77 1.72 0.00	27.06 1.81 0.00	18.63 1.27 0.00	30.31 2.09 0.00	30.80 2.19 0.00	29.90 2.20 0.00	30.50 2.36 0.00	36.98 3.11 0.00	31.90 2.60 0.00	35.82 2.44 0.00	36.46 2.43 0.00	31.28 2.00 0.00	42.05 2.77 0.00	28.93 1.95 0.00
DARBY___SOLAR 323810	18.78 0.94 0.00	21.57 0.92 0.00	19.87 0.85 0.00	19.88 0.92 0.00	20.03 0.96 0.00	20.72 0.93 0.00	25.33 1.07 0.00	23.94 1.03 0.00	24.91 1.02 0.00	23.06 0.84 -0.55	25.30 0.88 -0.37	26.11 0.86 0.00	24.82 0.61 -6.85	29.35 1.13 0.00	29.69 1.08 0.00	29.99 1.10 -1.19	29.44 1.29 0.00	35.79 1.92 0.00	31.04 1.74 0.00	35.18 1.80 0.00	35.86 1.83 0.00	30.77 1.49 0.00	41.42 2.14 0.00	28.31 1.33 0.00
DASHVILLE___HYD 23610	18.83 0.99 0.00	21.56 0.91 0.00	19.80 0.78 0.00	19.75 0.78 0.00	19.92 0.85 0.00	20.64 0.86 0.00	25.34 1.07 0.00	24.18 1.27 0.00	25.27 1.37 0.00	22.94 1.28 0.00	25.53 1.48 0.00	26.81 1.56 0.00	18.47 1.11 0.00	30.01 1.79 0.00	30.48 1.87 0.00	29.58 1.88 0.00	30.17 2.03 0.00	36.55 2.68 0.00	31.51 2.22 0.00	35.35 1.97 0.00	35.98 1.95 0.00	30.90 1.63 0.00	41.53 2.25 0.00	28.60 1.62 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	20.47 2.62 0.00	23.35 2.70 0.00	21.38 2.36 0.00	21.25 2.29 0.00	21.41 2.34 0.00	22.27 2.48 0.00	27.41 3.14 0.00	26.25 3.34 0.00	27.39 3.49 0.00	27.53 3.18 -2.68	30.02 3.79 -2.18	33.99 4.11 -4.63	56.96 2.83 -36.77	95.43 4.64 -62.57	85.76 4.85 -52.29	161.44 4.74 -129.01	189.82 4.90 -156.77	204.72 6.19 -164.66	144.13 5.25 -109.59	67.14 5.18 -28.58	52.46 5.16 -13.26	83.17 4.65 -49.24	46.70 6.17 -1.25	32.17 4.34 -0.86
DELAWARE___LFGE 323621	18.42 0.57 0.00	21.24 0.59 0.00	19.53 0.52 0.00	19.51 0.54 0.00	19.62 0.55 0.00	20.35 0.56 0.00	25.00 0.74 0.00	23.76 0.85 0.00	24.78 0.88 0.00	22.47 0.80 0.00	24.94 0.90 0.00	26.17 0.92 0.00	17.96 0.60 0.00	29.28 1.07 0.00	29.73 1.12 0.00	28.80 1.09 0.00	29.28 1.13 0.00	35.45 1.58 0.00	30.66 1.37 0.00	34.67 1.28 0.00	35.37 1.34 0.00	30.38 1.10 0.00	40.78 1.50 0.00	28.03 1.05 0.00
DERFIELD_115KV_TB7 355931	17.87 0.02 0.00	20.65 0.00 0.00	19.02 0.00 0.00	18.97 0.01 0.00	19.09 0.02 0.00	19.80 0.01 0.00	24.27 0.00 0.00	22.96 0.05 0.00	23.92 0.02 0.00	21.69 0.02 0.00	24.08 0.03 0.00	25.27 0.03 0.00	17.38 0.02 0.00	28.25 0.03 0.00	28.64 0.03 0.00	27.70 0.00 0.00	28.18 0.03 0.00	34.28 0.11 -0.30	29.42 0.13 0.00	33.45 0.06 0.00	34.07 0.03 0.00	29.29 0.01 0.00	39.34 0.06 0.00	27.01 0.03 0.00
DOGLEVILLE___HYD 23807	17.78 -0.07 0.00	20.46 -0.19 0.00	18.80 -0.22 0.00	18.85 -0.11 0.00	19.03 -0.04 0.00	19.73 -0.05 0.00	24.18 -0.09 0.00	22.92 0.01 0.00	23.99 0.10 0.00	21.54 -0.13 0.00	23.88 -0.16 0.00	24.93 -0.32 0.00	17.55 0.19 0.00	28.11 -0.11 0.00	28.36 -0.26 0.00	27.43 -0.28 0.00	28.02 -0.12 0.00	34.52 0.35 -0.30	29.84 0.54 0.00	33.87 0.48 0.00	34.16 0.13 0.00	29.42 0.14 0.00	39.74 0.47 0.00	27.14 0.16 0.00
DUNKIRK___115KV_TB_200 55889	18.30 0.45 0.00	21.20 0.55 0.00	19.41 0.40 0.00	19.21 0.25 0.00	19.19 0.12 0.00	20.01 0.23 0.00	24.99 0.73 0.00	23.82 0.91 0.00	25.09 1.20 0.00	22.92 1.25 0.00	25.37 1.33 0.00	26.77 1.52 0.00	18.24 0.89 0.00	29.98 1.76 0.00	30.54 1.93 0.00	29.42 1.72 0.00	29.58 1.43 0.00	36.06 2.20 0.00	31.32 2.03 0.00	35.07 1.69 0.00	36.16 2.13 0.00	31.00 1.72 0.00	41.87 2.58 0.00	28.75 1.78 0.00
DUNKIRK___1 23563	18.30 0.45 0.00	21.20 0.55 0.00	19.41 0.40 0.00	19.21 0.25 0.00	19.19 0.12 0.00	20.01 0.23 0.00	24.99 0.73 0.00	23.82 0.91 0.00	25.09 1.20 0.00	22.92 1.25 0.00	25.37 1.33 0.00	26.77 1.52 0.00	18.24 0.89 0.00	29.98 1.76 0.00	30.54 1.93 0.00	29.42 1.72 0.00	29.58 1.43 0.00	36.06 2.20 0.00	31.32 2.03 0.00	35.07 1.69 0.00	36.16 2.13 0.00	31.00 1.72 0.00	41.87 2.58 0.00	28.75 1.78 0.00
DUNKIRK___2 23564	18.30 0.45 0.00	21.20 0.55 0.00	19.41 0.40 0.00	19.21 0.25 0.00	19.19 0.12 0.00	20.01 0.23 0.00	24.99 0.73 0.00	23.82 0.91 0.00	25.09 1.20 0.00	22.92 1.25 0.00	25.37 1.33 0.00	26.77 1.52 0.00	18.24 0.89 0.00	29.98 1.76 0.00	30.54 1.93 0.00	29.42 1.72 0.00	29.58 1.43 0.00	36.06 2.20 0.00	31.32 2.03 0.00	35.07 1.69 0.00	36.16 2.13 0.00	31.00 1.72 0.00	41.87 2.58 0.00	28.75 1.78 0.00
DUNKIRK___3 23565	18.21 0.36 0.00	21.09 0.44 0.00	19.33 0.31 0.00	19.12 0.16 0.00	19.10 0.03 0.00	19.92 0.14 0.00	24.83 0.57 0.00	23.65 0.74 0.00	24.90 1.01 0.00	22.73 1.07 0.00	25.16 1.11 0.00	26.55 1.30 0.00	18.12 0.76 0.00	29.75 1.53 0.00	30.30 1.68 0.00	29.19 1.48 0.00	29.35 1.21 0.00	35.76 1.89 0.00	31.04 1.75 0.00	34.77 1.38 0.00	35.85 1.82 0.00	30.76 1.48 0.00	41.53 2.25 0.00	28.56 1.58 0.00
DUNKIRK___4 23566	18.21 0.36 0.00	21.09 0.44 0.00	19.33 0.31 0.00	19.12 0.16 0.00	19.10 0.03 0.00	19.92 0.14 0.00	24.83 0.57 0.00	23.65 0.74 0.00	24.90 1.01 0.00	22.73 1.07 0.00	25.16 1.11 0.00	26.55 1.30 0.00	18.12 0.76 0.00	29.75 1.53 0.00	30.30 1.68 0.00	29.19 1.48 0.00	29.35 1.21 0.00	35.76 1.89 0.00	31.04 1.75 0.00	34.77 1.38 0.00	35.85 1.82 0.00	30.76 1.48 0.00	41.53 2.25 0.00	28.56 1.58 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.01 1.16 0.00	21.74 1.09 0.00	19.95 0.94 0.00	19.90 0.93 0.00	20.07 1.00 0.00	20.81 1.02 0.00	25.57 1.31 0.00	24.42 1.51 0.00	25.51 1.61 0.00	25.61 1.50 -2.45	27.45 1.75 -1.66	27.10 1.85 0.00	48.86 1.27 -30.23	30.31 2.09 0.00	30.84 2.23 0.00	35.18 2.21 -5.26	30.47 2.33 0.00	36.89 3.02 0.00	31.81 2.52 0.00	35.63 2.25 0.00	36.29 2.26 0.00	31.23 1.95 0.00	41.96 2.68 0.00	28.89 1.91 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.86 1.01 0.00	21.61 0.96 0.00	19.84 0.82 0.00	19.79 0.82 0.00	19.96 0.89 0.00	20.69 0.90 0.00	25.42 1.15 0.00	24.23 1.32 0.00	25.29 1.39 0.00	22.38 1.27 0.56	25.14 1.47 0.38	26.78 1.53 0.00	11.52 1.06 6.90	30.00 1.78 0.00	30.49 1.88 0.00	28.38 1.88 1.20	30.17 2.02 0.00	36.56 2.69 0.00	31.55 2.26 0.00	35.43 2.04 0.00	36.08 2.05 0.00	30.98 1.70 0.00	41.62 2.34 0.00	28.63 1.66 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.06 1.21 0.00	21.76 1.11 0.00	20.03 1.01 0.00	19.96 0.99 0.00	20.11 1.04 0.00	20.86 1.07 0.00	25.64 1.37 0.00	24.50 1.59 0.00	25.59 1.70 0.00	25.66 1.54 -2.45	27.50 1.80 -1.66	27.20 1.95 0.00	48.94 1.33 -30.25	30.41 2.19 0.00	30.96 2.35 0.00	35.25 2.28 -5.26	30.56 2.41 0.00	37.00 3.13 0.00	31.95 2.65 0.00	35.67 2.29 0.00	36.36 2.33 0.00	31.39 2.11 0.00	42.03 2.75 0.00	28.97 1.99 0.00
E179THST_13_KV_LOAD 356214	19.16 1.31 0.00	21.87 1.23 0.00	20.13 1.11 0.00	20.05 1.08 0.00	20.20 1.13 0.00	20.95 1.17 0.00	25.77 1.50 0.00	24.63 1.72 0.00	25.73 1.83 0.00	25.79 1.67 -2.45	27.65 1.95 -1.66	27.36 2.11 0.00	49.05 1.44 -30.25	30.59 2.37 0.00	31.15 2.54 0.00	35.43 2.46 -5.26	30.75 2.61 0.00	37.23 3.36 0.00	32.14 2.85 0.00	35.90 2.51 0.00	36.58 2.55 0.00	31.57 2.29 0.00	42.28 3.00 0.00	29.14 2.16 0.00
EAST HAMPTON___GT 23717	20.80 2.95 0.00	23.72 3.07 0.00	21.70 2.68 0.00	21.57 2.61 0.00	21.73 2.67 0.00	22.61 2.82 0.00	27.82 3.56 0.00	26.67 3.76 0.00	27.86 3.97 0.00	27.98 3.63 -2.68	30.56 4.33 -2.19	34.56 4.68 -4.63	57.37 3.23 -36.78	96.05 5.26 -62.58	86.40 5.49 -52.30	162.11 5.38 -129.02	190.49 5.55 -156.79	205.91 7.00 -165.05	145.25 5.94 -110.01	67.98 5.95 -28.64	53.21 5.91 -13.26	83.84 5.31 -49.25	47.57 7.04 -1.25	32.74 4.90 -0.86
EAST RIVER___6 23660	19.03 1.19 0.00	21.71 1.06 0.00	19.93 0.91 0.00	19.87 0.91 0.00	20.06 0.99 0.00	20.77 0.99 0.00	25.54 1.28 0.00	24.43 1.52 0.00	25.55 1.65 0.00	25.68 1.57 -2.45	27.55 1.85 -1.66	27.22 1.97 0.00	48.96 1.34 -30.26	30.41 2.19 0.00	31.01 2.40 0.00	35.36 2.39 -5.26	30.65 2.50 0.00	37.08 3.21 0.00	31.95 2.65 0.00	35.73 2.35 0.00	36.41 2.38 0.00	31.34 2.06 0.00	42.07 2.79 0.00	28.95 1.97 0.00

EAST RIVER___7 23524	19.03 1.19 0.00	21.71 1.06 0.00	19.93 0.91 0.00	19.87 0.91 0.00	20.06 0.99 0.00	20.77 0.99 0.00	25.54 1.28 0.00	24.43 1.52 0.00	25.55 1.65 0.00	25.68 1.57 -2.45	27.55 1.85 -1.66	27.22 1.97 0.00	48.96 1.34 -30.26	30.41 2.19 0.00	31.01 2.40 0.00	35.36 2.39 -5.26	30.65 2.50 0.00	37.08 3.21 0.00	31.95 2.65 0.00	35.73 2.35 0.00	36.41 2.38 0.00	31.34 2.06 0.00	42.07 2.79 0.00	28.95 1.97 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.97 1.12 0.00	21.70 1.05 0.00	19.92 0.89 0.00	19.87 0.90 0.00	20.04 0.97 0.00	20.77 0.98 0.00	25.53 1.26 0.00	24.36 1.45 0.00	25.45 1.55 0.00	25.71 1.43 -2.60	27.48 1.68 -1.76	27.02 1.77 0.00	50.74 1.22 -32.16	30.22 2.01 0.00	30.75 2.14 0.00	35.42 2.12 -5.59	30.38 2.23 0.00	36.79 2.92 0.00	31.73 2.44 0.00	35.55 2.17 0.00	36.21 2.18 0.00	31.14 1.86 0.00	41.84 2.56 0.00	28.81 1.83 0.00
EAST_HAMPTON___DIESEL 23722	20.80 2.95 0.00	23.73 3.08 0.00	21.70 2.68 0.00	21.58 2.61 0.00	21.73 2.67 0.00	22.61 2.83 0.00	27.82 3.56 0.00	26.67 3.76 0.00	27.86 3.97 0.00	27.98 3.63 -2.68	30.56 4.33 -2.19	34.56 4.68 -4.63	57.37 3.24 -36.78	96.06 5.27 -62.58	86.42 5.50 -52.30	162.12 5.39 -129.02	190.51 5.57 -156.79	205.91 7.01 -165.03	145.25 5.96 -109.99	67.99 5.96 -28.64	53.22 5.93 -13.26	83.85 5.32 -49.25	47.59 7.05 -1.25	32.75 4.91 -0.86
EAST_PULASKI___ESR 323781	17.50 -0.35 0.00	20.19 -0.46 0.00	18.60 -0.42 0.00	18.55 -0.41 0.00	18.66 -0.41 0.00	19.39 -0.39 0.00	23.83 -0.43 0.00	22.50 -0.41 0.00	23.35 -0.54 0.00	21.18 -0.49 0.00	23.51 -0.53 0.00	24.65 -0.60 0.00	16.96 -0.40 0.00	27.53 -0.69 0.00	27.87 -0.74 0.00	26.95 -0.76 0.00	27.34 -0.81 0.00	32.29 -0.77 0.81	28.84 -0.45 0.00	32.87 -0.51 0.00	33.58 -0.45 0.00	28.80 -0.48 0.00	38.66 -0.62 0.00	26.52 -0.45 0.00
EAST_RIVER___1 323558	19.04 1.19 0.00	21.73 1.08 0.00	19.95 0.93 0.00	19.89 0.92 0.00	20.07 1.00 0.00	20.79 1.01 0.00	25.57 1.30 0.00	24.44 1.53 0.00	25.55 1.66 0.00	25.67 1.56 -2.45	27.54 1.83 -1.66	27.20 1.95 0.00	48.95 1.34 -30.26	30.40 2.18 0.00	30.96 2.35 0.00	35.30 2.34 -5.26	30.58 2.44 0.00	37.01 3.14 0.00	31.90 2.60 0.00	35.68 2.29 0.00	36.34 2.31 0.00	31.31 2.03 0.00	42.02 2.73 0.00	28.94 1.96 0.00
EAST_RIVER___2 323559	19.03 1.19 0.00	21.71 1.06 0.00	19.93 0.91 0.00	19.87 0.91 0.00	20.06 0.99 0.00	20.77 0.99 0.00	25.54 1.28 0.00	24.43 1.52 0.00	25.55 1.65 0.00	25.68 1.57 -2.45	27.55 1.85 -1.66	27.22 1.97 0.00	48.96 1.34 -30.26	30.41 2.19 0.00	31.01 2.40 0.00	35.36 2.39 -5.26	30.65 2.50 0.00	37.08 3.21 0.00	31.95 2.65 0.00	35.73 2.35 0.00	36.41 2.38 0.00	31.34 2.06 0.00	42.07 2.79 0.00	28.95 1.97 0.00
EAST___DELAWARE_HYD 23607	18.63 0.78 0.00	21.34 0.70 0.00	19.59 0.57 0.00	19.53 0.56 0.00	19.69 0.62 0.00	20.41 0.63 0.00	25.09 0.82 0.00	23.92 1.02 0.00	25.00 1.11 0.00	22.21 0.89 0.35	24.27 0.45 0.23	25.75 0.50 0.00	13.30 0.23 4.29	28.67 0.45 0.00	29.39 0.77 0.00	27.90 0.94 0.75	29.23 1.08 0.00	35.51 1.65 0.00	30.64 1.35 0.00	34.47 1.09 0.00	35.04 1.01 0.00	30.19 0.91 0.00	41.26 1.99 0.00	28.38 1.40 0.00
EIGHT_POINT___WT_PWR 323820	17.94 0.09 0.00	20.87 0.22 0.00	19.04 0.02 0.00	18.92 -0.04 0.00	18.99 -0.08 0.00	19.76 -0.02 0.00	24.55 0.29 0.00	23.45 0.54 0.00	24.80 0.90 0.00	22.65 0.98 0.00	24.96 0.91 0.00	26.16 0.91 0.00	17.84 0.48 0.00	29.15 0.93 0.00	29.66 1.05 0.00	28.32 0.61 0.00	28.56 0.42 0.00	34.99 1.12 0.00	30.52 1.22 0.00	34.59 1.20 0.00	35.56 1.53 0.00	30.59 1.31 0.00	41.49 2.22 0.00	28.24 1.27 0.00
ELBRIDGE_115KV_TB2 80188	17.83 -0.02 0.00	20.58 -0.07 0.00	18.93 -0.09 0.00	18.86 -0.11 0.00	18.96 -0.11 0.00	19.70 -0.08 0.00	24.25 -0.02 0.00	22.94 0.03 0.00	23.84 -0.06 0.00	21.61 -0.06 0.00	23.98 -0.07 0.00	25.21 -0.04 0.00	17.34 -0.02 0.00	28.26 0.05 0.00	28.77 0.15 0.00	27.86 0.16 0.00	28.26 0.12 0.00	34.14 0.27 0.00	29.59 0.29 0.00	33.55 0.17 0.00	34.26 0.23 0.00	29.39 0.11 0.00	39.46 0.18 0.00	27.09 0.11 0.00
ELEC_TRO_TEK 24086	19.26 1.41 0.00	22.01 1.36 0.00	20.18 1.17 0.00	20.11 1.15 0.00	20.27 1.21 0.00	21.04 1.26 0.00	25.89 1.62 0.00	24.69 1.78 0.00	25.75 1.85 0.00	26.05 1.70 -2.68	28.31 2.08 -2.18	31.82 2.16 -4.40	52.17 1.50 -33.31	36.84 2.45 -6.17	37.53 2.59 -6.33	40.53 2.54 -10.30	44.19 2.65 -13.39	48.60 3.42 -11.31	40.78 2.87 -8.62	36.10 2.62 -0.10	36.66 2.63 0.00	37.34 2.39 -5.67	43.70 3.17 -1.25	30.21 2.37 -0.86
ELLENBURG_WT_PWR 323604	17.10 -0.75 0.00	19.95 -0.70 0.00	18.53 -0.49 0.00	18.36 -0.61 0.00	18.32 -0.75 0.00	19.07 -0.71 0.00	23.76 -0.50 0.00	22.43 -0.48 0.00	23.57 -0.32 0.00	21.45 -0.21 0.00	23.77 -0.28 0.00	24.94 -0.30 0.00	17.00 -0.36 0.00	27.36 -0.86 0.00	27.46 -1.16 0.00	26.67 -1.03 0.00	27.10 -1.05 0.00	32.30 -1.08 0.49	28.48 -0.81 0.00	33.06 -0.33 0.00	33.52 -0.52 0.00	28.62 -0.66 0.00	37.78 -1.50 0.00	25.69 -1.29 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.01 0.17 0.00	20.90 0.25 0.00	19.17 0.16 0.00	18.93 -0.04 0.00	18.86 -0.21 0.00	19.71 -0.08 0.00	24.49 0.23 0.00	23.25 0.34 0.00	24.49 0.59 0.00	22.33 0.67 0.00	24.71 0.67 0.00	26.14 0.89 0.00	17.95 0.59 0.00	29.32 1.10 0.00	29.82 1.21 0.00	28.74 1.03 0.00	28.88 0.74 0.00	35.14 1.27 0.00	30.50 1.21 0.00	34.23 0.84 0.00	35.32 1.29 0.00	30.42 1.14 0.00	40.87 1.59 0.00	28.22 1.24 0.00
EMPIRE_CC_1 323656	18.48 0.63 0.00	21.28 0.64 0.00	19.59 0.57 0.00	19.60 0.63 0.00	19.74 0.67 0.00	20.45 0.67 0.00	24.89 0.63 0.00	23.52 0.61 0.00	24.49 0.60 0.00	22.84 0.50 -0.67	25.07 0.57 -0.46	25.76 0.51 0.00	26.07 0.36 -8.35	28.81 0.60 0.00	29.13 0.52 0.00	29.59 0.44 -1.45	28.74 0.60 0.00	34.83 0.96 0.00	30.11 0.82 0.00	34.13 0.75 0.00	34.79 0.76 0.00	29.82 0.54 0.00	40.22 0.94 0.00	27.62 0.64 0.00
EMPIRE_CC_2 323658	18.48 0.63 0.00	21.28 0.64 0.00	19.59 0.57 0.00	19.60 0.63 0.00	19.74 0.67 0.00	20.45 0.67 0.00	24.89 0.63 0.00	23.52 0.61 0.00	24.49 0.60 0.00	22.84 0.50 -0.67	25.07 0.57 -0.46	25.76 0.51 0.00	26.07 0.36 -8.35	28.81 0.60 0.00	29.13 0.52 0.00	29.59 0.44 -1.45	28.74 0.60 0.00	34.83 0.96 0.00	30.11 0.82 0.00	34.13 0.75 0.00	34.79 0.76 0.00	29.82 0.54 0.00	40.22 0.94 0.00	27.62 0.64 0.00
ENORWICH_115KV_TB1 80156	18.78 0.93 0.00	21.66 1.01 0.00	19.95 0.94 0.00	19.92 0.95 0.00	19.98 0.91 0.00	20.93 1.15 0.00	25.94 1.67 0.00	24.64 1.73 0.00	25.67 1.77 0.00	23.10 1.43 0.00	25.55 1.50 0.00	26.71 1.46 0.00	18.54 1.18 0.00	30.05 1.83 0.00	30.45 1.84 0.00	29.66 1.96 0.00	30.28 2.13 0.00	37.02 3.15 0.00	32.21 2.92 0.00	36.47 3.09 0.00	37.34 3.31 0.00	31.87 2.59 0.00	42.65 3.37 0.00	29.20 2.22 0.00

ERIE_ST__34_KV_TB1-2 80199	18.26 0.41 0.00	21.15 0.51 0.00	19.39 0.37 0.00	19.16 0.19 0.00	19.11 0.04 0.00	19.96 0.18 0.00	24.81 0.55 0.00	23.60 0.69 0.00	24.86 0.97 0.00	22.69 1.03 0.00	25.12 1.08 0.00	26.56 1.31 0.00	18.12 0.76 0.00	29.83 1.61 0.00	30.41 1.79 0.00	29.34 1.64 0.00	29.54 1.39 0.00	35.97 2.11 0.00	31.20 1.91 0.00	34.97 1.58 0.00	36.03 2.00 0.00	30.98 1.70 0.00	41.65 2.37 0.00	28.69 1.71 0.00
ERIE_WT_PWR 323693	18.13 0.29 0.00	21.04 0.39 0.00	19.30 0.28 0.00	19.05 0.09 0.00	18.99 -0.08 0.00	19.84 0.05 0.00	24.66 0.40 0.00	23.41 0.51 0.00	24.68 0.79 0.00	22.49 0.82 0.00	24.89 0.85 0.00	26.35 1.10 0.00	18.01 0.65 0.00	29.51 1.30 0.00	30.04 1.43 0.00	28.96 1.25 0.00	29.10 0.95 0.00	35.40 1.53 0.00	30.73 1.44 0.00	34.48 1.10 0.00	35.58 1.55 0.00	30.63 1.35 0.00	41.19 1.92 0.00	28.41 1.43 0.00
ESPRGFLD_115KV_TB1 80157	18.74 0.90 0.00	21.63 0.99 0.00	19.96 0.94 0.00	19.87 0.90 0.00	19.94 0.87 0.00	20.76 0.97 0.00	25.67 1.41 0.00	24.55 1.63 0.00	25.41 1.52 0.00	23.02 1.35 0.00	25.53 1.49 0.00	26.76 1.51 0.00	18.17 0.81 0.00	29.79 1.57 0.00	30.32 1.71 0.00	29.28 1.57 0.00	29.67 1.53 0.00	35.97 2.10 0.00	31.30 2.01 0.00	35.54 2.16 0.00	36.30 2.26 0.00	31.31 2.03 0.00	41.84 2.56 0.00	28.76 1.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.22 0.37 0.00	21.02 0.37 0.00	19.32 0.30 0.00	19.26 0.30 0.00	19.35 0.29 0.00	20.14 0.35 0.00	24.83 0.56 0.00	23.56 0.65 0.00	24.61 0.72 0.00	22.28 0.62 0.00	24.66 0.61 0.00	25.88 0.62 0.00	17.81 0.45 0.00	29.04 0.82 0.00	29.43 0.81 0.00	28.58 0.88 0.00	28.94 0.79 0.00	35.06 1.19 0.00	30.46 1.17 0.00	34.55 1.17 0.00	35.36 1.33 0.00	30.30 1.02 0.00	40.67 1.39 0.00	27.86 0.88 0.00
ETNA____115KV_TB2 80207	18.22 0.37 0.00	21.02 0.37 0.00	19.32 0.30 0.00	19.26 0.30 0.00	19.35 0.29 0.00	20.14 0.35 0.00	24.83 0.56 0.00	23.56 0.65 0.00	24.61 0.72 0.00	22.28 0.62 0.00	24.66 0.61 0.00	25.88 0.62 0.00	17.81 0.45 0.00	29.04 0.82 0.00	29.43 0.81 0.00	28.58 0.88 0.00	28.94 0.79 0.00	35.06 1.19 0.00	30.46 1.17 0.00	34.55 1.17 0.00	35.36 1.33 0.00	30.30 1.02 0.00	40.67 1.39 0.00	27.86 0.88 0.00
EUCLID____115KV_TB2 356179	17.67 -0.18 0.00	20.40 -0.25 0.00	18.78 -0.24 0.00	18.70 -0.27 0.00	18.80 -0.27 0.00	19.53 -0.25 0.00	24.01 -0.25 0.00	22.72 -0.19 0.00	23.67 -0.22 0.00	21.49 -0.18 0.00	23.85 -0.20 0.00	25.08 -0.17 0.00	17.24 -0.12 0.00	28.08 -0.13 0.00	28.44 -0.18 0.00	27.53 -0.17 0.00	27.94 -0.21 0.00	33.75 -0.12 0.00	29.24 -0.06 0.00	33.18 -0.21 0.00	33.86 -0.17 0.00	29.07 -0.21 0.00	39.01 -0.27 0.00	26.81 -0.17 0.00
E_CANADA_CAP_HY 24051	18.98 1.13 0.00	21.93 1.28 0.00	20.24 1.22 0.00	20.14 1.17 0.00	20.22 1.15 0.00	21.05 1.27 0.00	26.01 1.75 0.00	24.92 2.01 0.00	25.67 1.78 0.00	23.47 1.48 -0.32	25.88 1.61 -0.22	26.86 1.61 0.00	22.17 0.83 -3.98	29.78 1.56 0.00	30.36 1.74 0.00	29.93 1.51 -0.72	29.61 1.47 0.00	35.96 2.09 0.00	31.40 2.11 0.00	35.79 2.41 0.00	36.51 2.48 0.00	31.63 2.35 0.00	42.19 2.91 0.00	29.03 2.05 0.00
E_CANADA_MHWK_HY 24050	17.78 -0.07 0.00	20.46 -0.19 0.00	18.80 -0.22 0.00	18.85 -0.11 0.00	19.03 -0.04 0.00	19.73 -0.05 0.00	24.18 -0.09 0.00	22.92 0.01 0.00	23.99 0.10 0.00	21.54 -0.13 0.00	23.88 -0.16 0.00	24.93 -0.32 0.00	17.55 0.19 0.00	28.11 -0.11 0.00	28.36 -0.26 0.00	27.43 -0.28 0.00	28.02 -0.12 0.00	34.52 0.35 -0.30	29.84 0.54 0.00	33.87 0.48 0.00	34.16 0.13 0.00	29.42 0.14 0.00	39.74 0.47 0.00	27.14 0.16 0.00
E_FISHKILL____LBMP 23776	18.84 0.99 0.00	21.57 0.92 0.00	19.82 0.80 0.00	19.78 0.81 0.00	19.95 0.88 0.00	20.67 0.88 0.00	25.37 1.10 0.00	24.18 1.27 0.00	25.23 1.34 0.00	23.85 1.23 -0.95	26.13 1.44 -0.64	26.75 1.50 0.00	30.13 1.02 -11.75	29.89 1.67 0.00	30.38 1.77 0.00	31.50 1.75 -2.04	30.02 1.88 0.00	36.36 2.49 0.00	31.39 2.09 0.00	35.23 1.85 0.00	35.88 1.85 0.00	30.84 1.56 0.00	41.51 2.23 0.00	28.59 1.61 0.00
FALCON____SEABRD_CC1 323796	17.26 -0.59 0.00	20.13 -0.52 0.00	18.74 -0.28 0.00	18.57 -0.39 0.00	18.53 -0.54 0.00	19.24 -0.55 0.00	23.98 -0.28 0.00	22.68 -0.23 0.00	23.80 -0.09 0.00	21.71 0.05 0.00	24.04 0.00 0.00	25.20 -0.05 0.00	17.15 -0.21 0.00	27.63 -0.59 0.00	27.75 -0.86 0.00	26.94 -0.76 0.00	27.38 -0.77 0.00	32.72 -0.65 0.50	28.89 -0.41 0.00	33.42 0.03 0.00	33.93 -0.10 0.00	28.94 -0.34 0.00	38.22 -1.06 0.00	25.93 -1.05 0.00
FALCON____SEABRD_CC2 323797	17.26 -0.59 0.00	20.13 -0.52 0.00	18.74 -0.28 0.00	18.57 -0.39 0.00	18.53 -0.54 0.00	19.24 -0.55 0.00	23.98 -0.28 0.00	22.68 -0.23 0.00	23.80 -0.09 0.00	21.71 0.05 0.00	24.04 0.00 0.00	25.20 -0.05 0.00	17.15 -0.21 0.00	27.63 -0.59 0.00	27.75 -0.86 0.00	26.94 -0.76 0.00	27.38 -0.77 0.00	32.72 -0.65 0.50	28.89 -0.41 0.00	33.42 0.03 0.00	33.93 -0.10 0.00	28.94 -0.34 0.00	38.22 -1.06 0.00	25.93 -1.05 0.00
FAR ROCKAWAY____4 23548	19.55 1.70 0.00	22.32 1.67 0.00	20.45 1.43 0.00	20.37 1.41 0.00	20.53 1.46 0.00	21.32 1.53 0.00	26.23 1.97 0.00	25.03 2.12 0.00	26.11 2.21 0.00	26.37 2.02 -2.68	28.62 2.39 -2.18	32.14 2.49 -4.40	52.44 1.77 -33.31	37.29 2.90 -6.17	38.02 3.08 -6.33	41.04 3.04 -10.30	44.75 3.21 -13.39	49.29 4.12 -11.31	41.40 3.49 -8.62	36.70 3.22 -0.10	37.23 3.20 0.00	37.83 2.88 -5.67	44.29 3.76 -1.25	30.60 2.77 -0.86
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.05 1.20 0.00	21.76 1.11 0.00	19.97 0.95 0.00	19.91 0.94 0.00	20.09 1.02 0.00	20.82 1.04 0.00	25.61 1.35 0.00	24.47 1.56 0.00	25.59 1.69 0.00	25.70 1.59 -2.45	27.57 1.87 -1.66	27.23 1.98 0.00	48.98 1.36 -30.26	30.44 2.22 0.00	30.99 2.38 0.00	35.34 2.37 -5.26	30.61 2.47 0.00	37.04 3.18 0.00	31.93 2.64 0.00	35.72 2.33 0.00	36.37 2.34 0.00	31.34 2.06 0.00	42.06 2.78 0.00	28.97 1.99 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.06 1.22 0.00	21.77 1.12 0.00	19.98 0.96 0.00	19.92 0.96 0.00	20.10 1.03 0.00	20.83 1.05 0.00	25.62 1.35 0.00	24.49 1.58 0.00	25.60 1.70 0.00	25.71 1.60 -2.45	27.57 1.87 -1.66	27.23 1.98 0.00	48.98 1.36 -30.26	30.45 2.23 0.00	31.01 2.40 0.00	35.36 2.39 -5.26	30.63 2.48 0.00	37.07 3.20 0.00	31.96 2.66 0.00	35.74 2.35 0.00	36.40 2.37 0.00	31.36 2.08 0.00	42.09 2.81 0.00	28.99 2.02 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.04 1.19 0.00	21.74 1.09 0.00	19.96 0.94 0.00	19.90 0.93 0.00	20.08 1.01 0.00	20.81 1.03 0.00	25.59 1.33 0.00	24.46 1.55 0.00	25.57 1.68 0.00	25.69 1.57 -2.45	27.55 1.84 -1.66	27.21 1.96 0.00	48.96 1.34 -30.26	30.42 2.20 0.00	30.97 2.36 0.00	35.31 2.34 -5.26	30.59 2.45 0.00	37.01 3.14 0.00	31.90 2.61 0.00	35.69 2.30 0.00	36.35 2.32 0.00	31.31 2.03 0.00	42.02 2.74 0.00	28.94 1.96 0.00

FARRAGUT___LBMP 323566	19.02 1.18 0.00	21.73 1.08 0.00	19.94 0.92 0.00	19.89 0.92 0.00	20.06 0.99 0.00	20.79 1.01 0.00	25.57 1.30 0.00	24.44 1.53 0.00	25.54 1.65 0.00	25.66 1.54 -2.45	27.52 1.82 -1.66	27.18 1.93 0.00	48.94 1.32 -30.26	30.38 2.16 0.00	30.93 2.32 0.00	35.28 2.31 -5.26	30.55 2.40 0.00	36.97 3.10 0.00	31.87 2.58 0.00	35.65 2.26 0.00	36.31 2.28 0.00	31.28 2.00 0.00	41.98 2.70 0.00	28.92 1.94 0.00
FENNER___WINDPWR 24204	18.01 0.17 0.00	20.81 0.16 0.00	19.18 0.16 0.00	19.13 0.16 0.00	19.25 0.17 0.00	20.01 0.22 0.00	24.62 0.36 0.00	23.30 0.39 0.00	24.31 0.42 0.00	22.06 0.39 0.00	24.49 0.44 0.00	25.70 0.45 0.00	17.66 0.30 0.00	28.77 0.55 0.00	29.18 0.57 0.00	28.26 0.56 0.00	28.70 0.56 0.00	35.02 0.82 -0.33	30.11 0.82 0.00	34.27 0.88 0.00	34.96 0.93 0.00	29.94 0.66 0.00	40.15 0.87 0.00	27.52 0.54 0.00
FIBERTEK___ENERGY 23856	17.87 0.02 0.00	20.63 -0.01 0.00	18.98 -0.04 0.00	18.90 -0.07 0.00	19.00 -0.07 0.00	19.76 -0.03 0.00	24.30 0.03 0.00	23.00 0.09 0.00	23.95 0.05 0.00	21.72 0.06 0.00	24.14 0.09 0.00	25.38 0.12 0.00	17.50 0.14 0.00	28.46 0.24 0.00	28.82 0.21 0.00	27.91 0.21 0.00	28.32 0.18 0.00	34.20 0.33 0.00	29.64 0.35 0.00	33.62 0.24 0.00	34.32 0.29 0.00	29.44 0.16 0.00	39.51 0.23 0.00	27.13 0.15 0.00
FITZPATRICK____ 23598	17.39 -0.46 0.00	20.09 -0.56 0.00	18.50 -0.52 0.00	18.43 -0.54 0.00	18.52 -0.55 0.00	19.23 -0.55 0.00	23.63 -0.64 0.00	22.32 -0.59 0.00	23.23 -0.66 0.00	21.07 -0.60 0.00	23.38 -0.66 0.00	24.57 -0.68 0.00	16.90 -0.46 0.00	27.51 -0.71 0.00	27.87 -0.74 0.00	26.98 -0.72 0.00	27.39 -0.75 0.00	33.05 -0.81 0.00	28.63 -0.66 0.00	32.53 -0.85 0.00	33.19 -0.84 0.00	28.52 -0.76 0.00	38.27 -1.01 0.00	26.30 -0.68 0.00
FLOWRFLD_69_KV_BK1 356044	19.82 1.97 0.00	22.65 2.00 0.00	20.75 1.73 0.00	20.65 1.69 0.00	20.80 1.73 0.00	21.62 1.83 0.00	26.61 1.42 0.00	25.44 2.53 0.00	26.38 2.49 0.00	26.59 2.24 -2.68	29.00 2.77 -2.18	32.99 3.01 -4.73	56.65 2.06 -37.23	116.86 3.36 -85.27	102.91 3.49 -70.80	207.83 3.33 -176.80	248.24 3.43 -216.66	238.44 4.34 -200.23	143.71 3.68 -110.74	74.12 3.48 -37.26	58.40 3.52 -20.85	99.37 3.30 -66.79	44.91 4.38 -1.26	31.06 3.23 -0.86
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.07 1.23 0.00	21.84 1.19 0.00	20.05 1.03 0.00	20.01 1.04 0.00	20.17 1.10 0.00	20.91 1.13 0.00	25.68 1.42 0.00	24.50 1.59 0.00	25.57 1.68 0.00	23.21 1.54 0.00	25.83 1.79 0.00	27.13 1.88 0.00	18.68 1.32 0.00	30.40 2.18 0.00	30.89 2.28 0.00	29.98 2.28 0.00	30.59 2.44 0.00	37.08 3.22 0.00	31.99 2.69 0.00	35.91 2.53 0.00	36.54 2.51 0.00	31.36 2.08 0.00	42.14 2.86 0.00	28.99 2.02 0.00
FORT ORANGE____ 23900	18.45 0.60 0.00	21.24 0.60 0.00	19.54 0.52 0.00	19.54 0.58 0.00	19.68 0.61 0.00	20.40 0.61 0.00	24.92 0.66 0.00	23.59 0.68 0.00	24.54 0.65 0.00	22.76 0.55 -0.55	25.03 0.61 -0.37	25.82 0.57 0.00	24.58 0.41 -6.80	28.92 0.70 0.00	29.29 0.68 0.00	29.52 0.64 -1.18	28.94 0.80 0.00	35.10 1.23 0.00	30.38 1.08 0.00	34.43 1.05 0.00	35.09 1.06 0.00	30.08 0.80 0.00	40.45 1.17 0.00	27.74 0.76 0.00
FORT_DRUM_COGEN 23780	17.30 -0.54 0.00	19.95 -0.69 0.00	18.50 -0.52 0.00	18.47 -0.50 0.00	18.61 -0.46 0.00	19.36 -0.42 0.00	23.78 -0.48 0.00	22.34 -0.57 0.00	22.97 -0.92 0.00	20.82 -0.85 0.00	23.21 -0.84 0.00	24.11 -1.14 0.00	16.50 -0.86 0.00	26.64 -1.58 0.00	27.18 -1.44 0.00	26.25 -1.45 0.00	26.59 -1.55 0.00	29.57 -1.51 2.80	28.65 -0.65 0.00	32.96 -0.43 0.00	33.59 -0.44 0.00	28.50 -0.78 0.00	38.15 -1.13 0.00	26.08 -0.89 0.00
FPL_FAR_ROCK_GT1 24212	19.54 1.70 0.00	22.32 1.67 0.00	20.45 1.43 0.00	20.37 1.41 0.00	20.53 1.46 0.00	21.32 1.54 0.00	26.23 1.97 0.00	25.03 2.12 0.00	26.11 2.21 0.00	26.37 2.02 -2.68	28.62 2.39 -2.19	32.14 2.49 -4.40	52.44 1.77 -33.31	37.29 2.90 -6.17	38.02 3.09 -6.33	41.04 3.04 -10.30	44.75 3.21 -13.39	49.29 4.11 -11.31	41.39 3.48 -8.62	36.70 3.22 -0.10	37.23 3.20 0.00	37.83 2.88 -5.67	44.30 3.77 -1.25	30.60 2.77 -0.86
FPL_FAR_ROCK_GT2 23815	19.54 1.70 0.00	22.32 1.67 0.00	20.45 1.43 0.00	20.37 1.41 0.00	20.53 1.46 0.00	21.32 1.54 0.00	26.23 1.97 0.00	25.03 2.12 0.00	26.11 2.21 0.00	26.37 2.02 -2.68	28.62 2.39 -2.19	32.14 2.49 -4.40	52.44 1.77 -33.31	37.29 2.90 -6.17	38.02 3.09 -6.33	41.04 3.04 -10.30	44.75 3.21 -13.39	49.29 4.11 -11.31	41.39 3.48 -8.62	36.70 3.22 -0.10	37.23 3.20 0.00	37.83 2.88 -5.67	44.30 3.77 -1.25	30.60 2.77 -0.86
FRANKLIN_FALL_HYD 24054	17.21 -0.63 0.00	20.06 -0.59 0.00	18.63 -0.39 0.00	18.48 -0.48 0.00	18.46 -0.60 0.00	19.24 -0.55 0.00	23.83 -0.43 0.00	22.46 -0.45 0.00	23.56 -0.34 0.00	21.46 -0.20 0.00	23.79 -0.26 0.00	24.97 -0.28 0.00	17.06 -0.30 0.00	27.44 -0.78 0.00	27.57 -1.04 0.00	26.77 -0.93 0.00	27.23 -0.92 0.00	32.04 -1.04 0.79	28.50 -0.79 0.00	33.08 -0.31 0.00	33.61 -0.42 0.00	28.78 -0.50 0.00	38.02 -1.26 0.00	25.87 -1.11 0.00
FREEPORT_EQUS_GT1 23764	19.42 1.58 0.00	22.20 1.55 0.00	20.34 1.32 0.00	20.26 1.29 0.00	20.42 1.35 0.00	21.21 1.42 0.00	26.08 1.82 0.00	24.91 2.00 0.00	25.97 2.07 0.00	26.24 1.89 -2.68	28.53 2.30 -2.19	32.05 2.40 -4.40	52.58 1.64 -33.58	37.05 2.66 -6.17	37.86 2.92 -6.33	40.81 2.81 -10.30	44.44 2.90 -13.39	48.91 3.73 -11.31	41.06 3.15 -8.62	36.37 2.89 -0.10	36.93 2.90 0.00	37.71 2.76 -5.67	44.16 3.63 -1.25	30.51 2.67 -0.86
FREEPORT___CT2 23818	19.42 1.58 0.00	22.20 1.55 0.00	20.34 1.32 0.00	20.26 1.29 0.00	20.42 1.35 0.00	21.21 1.42 0.00	26.08 1.82 0.00	24.91 2.00 0.00	25.97 2.07 0.00	26.24 1.89 -2.68	28.53 2.30 -2.19	32.05 2.40 -4.40	52.58 1.64 -33.58	37.05 2.66 -6.17	37.86 2.92 -6.33	40.81 2.81 -10.30	44.44 2.90 -13.39	48.91 3.73 -11.31	41.06 3.15 -8.62	36.37 2.89 -0.10	36.93 2.90 0.00	37.71 2.76 -5.67	44.16 3.63 -1.25	30.51 2.67 -0.86
FRESHKLS_33_KV_LOAD 356253	19.06 1.21 0.00	21.78 1.14 0.00	20.00 0.98 0.00	19.93 0.97 0.00	20.09 1.02 0.00	20.84 1.05 0.00	25.62 1.35 0.00	24.47 1.56 0.00	25.56 1.67 0.00	24.40 1.52 -1.21	27.49 1.79 -1.66	27.21 1.96 0.00	46.14 1.38 -27.41	30.42 2.19 0.00	31.00 2.39 0.00	35.29 2.33 -5.27	30.81 2.48 -0.19	37.06 3.20 0.00	31.98 2.68 0.00	35.70 2.31 0.00	36.36 2.32 0.00	31.37 2.09 0.00	42.11 2.83 0.00	29.07 2.09 0.00
FULTON COGEN____ 23766	17.61 -0.23 0.00	20.34 -0.31 0.00	18.71 -0.31 0.00	18.64 -0.33 0.00	18.74 -0.33 0.00	19.47 -0.32 0.00	23.93 -0.33 0.00	22.64 -0.27 0.00	23.57 -0.32 0.00	21.37 -0.29 0.00	23.71 -0.33 0.00	24.93 -0.32 0.00	17.15 -0.21 0.00	27.93 -0.29 0.00	28.24 -0.38 0.00	27.33 -0.37 0.00	27.75 -0.39 0.00	33.33 -0.34 0.20	29.07 -0.23 0.00	33.03 -0.35 0.00	33.73 -0.30 0.00	28.98 -0.31 0.00	38.89 -0.39 0.00	26.70 -0.28 0.00



FULTON___LFGE 323630	19.42 1.57 0.00	22.39 1.74 0.00	20.62 1.60 0.00	20.55 1.59 0.00	20.65 1.59 0.00	21.51 1.73 0.00	26.51 2.24 0.00	25.41 2.50 0.00	26.03 2.13 0.00	23.61 1.58 -0.37	25.97 1.67 -0.25	26.66 1.41 0.00	22.04 0.15 -4.53	29.80 1.58 0.00	29.98 1.37 0.00	29.70 1.18 -0.82	29.47 1.33 0.00	36.23 2.36 0.00	32.17 2.88 0.00	37.27 3.88 0.00	37.60 3.57 0.00	32.54 3.26 0.00	43.34 4.06 0.00	29.69 2.71 0.00
G.F.CEMENT___DRP 24184	18.81 0.96 0.00	21.52 0.87 0.00	19.85 0.83 0.00	19.89 0.93 0.00	20.05 0.98 0.00	20.66 0.88 0.00	25.31 1.05 0.00	23.94 1.03 0.00	24.92 1.02 0.00	23.08 0.86 -0.54	25.28 0.87 -0.37	26.11 0.87 0.00	24.70 0.61 -6.73	29.42 1.20 0.00	29.74 1.13 0.00	30.15 1.28 -1.17	29.63 1.49 0.00	36.06 2.19 0.00	31.29 2.00 0.00	35.40 2.02 0.00	36.07 2.04 0.00	30.99 1.71 0.00	41.69 2.40 0.00	28.41 1.44 0.00
GARDENVILLE___LBMP 24039	18.07 0.23 0.00	20.96 0.31 0.00	19.22 0.20 0.00	18.98 0.02 0.00	18.92 -0.15 0.00	19.77 -0.02 0.00	24.57 0.31 0.00	23.34 0.43 0.00	24.59 0.70 0.00	22.42 0.75 0.00	24.81 0.76 0.00	26.24 0.99 0.00	17.98 0.62 0.00	29.41 1.19 0.00	29.93 1.32 0.00	28.84 1.14 0.00	28.99 0.84 0.00	35.28 1.42 0.00	30.63 1.34 0.00	34.37 0.99 0.00	35.46 1.42 0.00	30.53 1.25 0.00	41.05 1.77 0.00	28.31 1.33 0.00
GARDNVLA_35_KV_LD 355827	18.16 0.31 0.00	21.06 0.41 0.00	19.32 0.30 0.00	19.07 0.10 0.00	19.00 -0.07 0.00	19.85 0.06 0.00	24.67 0.41 0.00	23.44 0.52 0.00	24.70 0.81 0.00	22.53 0.86 0.00	24.94 0.89 0.00	26.40 1.15 0.00	18.09 0.73 0.00	29.61 1.39 0.00	30.13 1.52 0.00	29.04 1.34 0.00	29.20 1.05 0.00	35.54 1.67 0.00	30.84 1.55 0.00	34.59 1.21 0.00	35.69 1.65 0.00	30.72 1.44 0.00	41.29 2.01 0.00	28.46 1.48 0.00
GELCKHM___115KV_LOAD 80723	17.74 -0.11 0.00	20.49 -0.16 0.00	18.85 -0.17 0.00	18.78 -0.19 0.00	18.87 -0.20 0.00	19.61 -0.17 0.00	24.12 -0.15 0.00	22.82 -0.09 0.00	23.77 -0.12 0.00	21.57 -0.09 0.00	23.95 -0.09 0.00	25.18 -0.06 0.00	17.35 -0.01 0.00	28.22 0.00 0.00	28.59 -0.03 0.00	27.68 -0.02 0.00	28.09 -0.05 0.00	33.92 0.06 0.00	29.40 0.10 0.00	33.36 -0.03 0.00	34.03 0.00 0.00	29.21 -0.07 0.00	39.21 -0.07 0.00	26.93 -0.05 0.00
GENERAL___MILLS 23808	18.12 0.27 0.00	21.02 0.37 0.00	19.28 0.26 0.00	19.04 0.07 0.00	18.97 -0.10 0.00	19.82 0.03 0.00	24.63 0.37 0.00	23.39 0.48 0.00	24.65 0.75 0.00	22.47 0.81 0.00	24.88 0.83 0.00	26.32 1.07 0.00	18.02 0.67 0.00	29.50 1.29 0.00	30.03 1.41 0.00	28.93 1.23 0.00	29.10 0.95 0.00	35.42 1.55 0.00	30.74 1.45 0.00	34.48 1.10 0.00	35.57 1.54 0.00	30.62 1.34 0.00	41.18 1.89 0.00	28.39 1.41 0.00
GE_PLASTICS___DRP 24183	18.41 0.56 0.00	21.20 0.55 0.00	19.51 0.49 0.00	19.50 0.54 0.00	19.65 0.58 0.00	20.35 0.56 0.00	24.87 0.60 0.00	23.55 0.64 0.00	24.54 0.64 0.00	22.76 0.55 -0.55	25.04 0.62 -0.37	25.85 0.60 0.00	24.55 0.42 -6.77	28.94 0.72 0.00	29.32 0.71 0.00	29.54 0.66 -1.18	28.94 0.79 0.00	35.06 1.19 0.00	30.30 1.01 0.00	34.32 0.93 0.00	34.97 0.94 0.00	29.99 0.71 0.00	40.35 1.07 0.00	27.70 0.73 0.00
GILBOA___1 23756	18.43 0.59 0.00	21.28 0.63 0.00	19.57 0.55 0.00	19.61 0.64 0.00	19.74 0.67 0.00	20.39 0.61 0.00	24.90 0.64 0.00	23.63 0.72 0.00	24.65 0.75 0.00	22.69 0.68 -0.35	25.05 0.76 -0.23	26.02 0.78 0.00	22.19 0.53 -4.30	29.12 0.90 0.00	29.53 0.92 0.00	29.34 0.89 -0.75	29.13 0.99 0.00	35.25 1.39 0.00	30.43 1.14 0.00	34.42 1.03 0.00	35.10 1.07 0.00	30.14 0.86 0.00	40.50 1.22 0.00	27.87 0.89 0.00
GILBOA___2 23757	18.43 0.59 0.00	21.28 0.63 0.00	19.57 0.55 0.00	19.61 0.64 0.00	19.74 0.67 0.00	20.39 0.61 0.00	24.90 0.64 0.00	23.63 0.72 0.00	24.65 0.75 0.00	22.69 0.68 -0.35	25.05 0.76 -0.23	26.02 0.78 0.00	22.19 0.53 -4.30	29.12 0.90 0.00	29.53 0.92 0.00	29.34 0.89 -0.75	29.13 0.99 0.00	35.25 1.39 0.00	30.43 1.14 0.00	34.42 1.03 0.00	35.10 1.07 0.00	30.14 0.86 0.00	40.50 1.22 0.00	27.87 0.89 0.00
GILBOA___3 23758	18.43 0.59 0.00	21.28 0.63 0.00	19.57 0.55 0.00	19.61 0.64 0.00	19.74 0.67 0.00	20.39 0.61 0.00	24.90 0.64 0.00	23.63 0.72 0.00	24.65 0.75 0.00	22.69 0.68 -0.35	25.05 0.76 -0.23	26.02 0.78 0.00	22.19 0.53 -4.30	29.12 0.90 0.00	29.53 0.92 0.00	29.34 0.89 -0.75	29.13 0.99 0.00	35.25 1.39 0.00	30.43 1.14 0.00	34.42 1.03 0.00	35.10 1.07 0.00	30.14 0.86 0.00	40.50 1.22 0.00	27.87 0.89 0.00
GILBOA___4 23759	18.43 0.59 0.00	21.28 0.63 0.00	19.57 0.55 0.00	19.61 0.64 0.00	19.74 0.67 0.00	20.39 0.61 0.00	24.90 0.64 0.00	23.63 0.72 0.00	24.65 0.75 0.00	22.69 0.68 -0.35	25.05 0.76 -0.23	26.02 0.78 0.00	22.19 0.53 -4.30	29.12 0.90 0.00	29.53 0.92 0.00	29.34 0.89 -0.75	29.13 0.99 0.00	35.25 1.39 0.00	30.43 1.14 0.00	34.42 1.03 0.00	35.10 1.07 0.00	30.14 0.86 0.00	40.50 1.22 0.00	27.87 0.89 0.00
GILBOA___ 23599	18.43 0.59 0.00	21.28 0.63 0.00	19.57 0.55 0.00	19.61 0.64 0.00	19.74 0.67 0.00	20.39 0.60 0.00	24.90 0.64 0.00	23.63 0.72 0.00	24.65 0.75 0.00	22.69 0.68 -0.35	25.05 0.76 -0.23	26.02 0.78 0.00	22.19 0.53 -4.30	29.12 0.90 0.00	29.54 0.92 0.00	29.34 0.89 -0.75	29.13 0.99 0.00	35.25 1.39 0.00	30.43 1.14 0.00	34.42 1.03 0.00	35.10 1.07 0.00	30.14 0.86 0.00	40.50 1.22 0.00	27.87 0.89 0.00
GINNA___ 23603	17.11 -0.74 0.00	19.78 -0.87 0.00	18.17 -0.85 0.00	18.04 -0.93 0.00	18.08 -0.99 0.00	18.85 -0.93 0.00	23.26 -1.00 0.00	22.03 -0.88 0.00	23.07 -0.83 0.00	20.96 -0.70 0.00	23.28 -0.76 0.00	24.60 -0.66 0.00	16.97 -0.39 0.00	27.66 -0.56 0.00	28.09 -0.53 0.00	27.17 -0.53 0.00	27.54 -0.61 0.00	33.36 -0.51 0.00	28.96 -0.33 0.00	32.73 -0.66 0.00	33.45 -0.58 0.00	28.71 -0.58 0.00	38.38 -0.90 0.00	26.35 -0.63 0.00
GLEN PARK___ 23778	17.43 -0.42 0.00	20.09 -0.56 0.00	18.62 -0.40 0.00	18.58 -0.39 0.00	18.71 -0.36 0.00	19.48 -0.30 0.00	23.94 -0.33 0.00	22.50 -0.41 0.00	23.10 -0.79 0.00	20.91 -0.76 0.00	23.31 -0.73 0.00	24.20 -1.05 0.00	16.59 -0.77 0.00	26.77 -1.44 0.00	27.29 -1.32 0.00	26.38 -1.33 0.00	26.72 -1.42 0.00	29.91 -1.32 2.64	28.84 -0.46 0.00	33.22 -0.16 0.00	33.94 -0.09 0.00	28.78 -0.50 0.00	38.51 -0.77 0.00	26.32 -0.65 0.00
GLENDALE_27_KV_LOAD 356172	19.14 1.29 0.00	21.85 1.20 0.00	20.07 1.05 0.00	20.00 1.03 0.00	20.16 1.09 0.00	20.91 1.12 0.00	25.74 1.47 0.00	24.61 1.70 0.00	25.74 1.85 0.00	25.84 1.72 -2.45	27.70 2.00 -1.66	27.38 2.13 0.00	49.08 1.47 -30.25	30.62 2.40 0.00	31.18 2.56 0.00	35.49 2.52 -5.26	30.78 2.63 0.00	37.23 3.36 0.00	32.10 2.81 0.00	35.86 2.48 0.00	36.54 2.51 0.00	31.54 2.26 0.00	42.28 3.00 0.00	29.12 2.14 0.00



GOWANUS_GT1_3 24079	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT1_4 24080	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT1_5 24084	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT1_6 24111	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT1_7 24112	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT1_8 24113	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT2_1 24114	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT2_2 24115	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT2_3 24116	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT2_4 24117	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT2_5 24118	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT2_6 24119	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT2_7 24120	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT2_8 24121	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT3_1 24122	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00

GOWANUS_GT3_2 24123	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT3_3 24124	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT3_4 24125	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT3_5 24126	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT3_6 24127	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT3_7 24128	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT3_8 24129	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT4_1 24130	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT4_2 24131	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT4_3 24132	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT4_4 24133	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT4_5 24134	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT4_6 24135	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT4_7 24136	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
GOWANUS_GT4_8 24137	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00











INDECK___YERKES 23781	18.02 0.18 0.00	20.90 0.26 0.00	19.17 0.15 0.00	18.90 -0.07 0.00	18.81 -0.25 0.00	19.69 -0.10 0.00	24.46 0.20 0.00	23.18 0.27 0.00	24.41 0.52 0.00	22.28 0.61 0.00	24.68 0.63 0.00	26.14 0.89 0.00	18.12 0.76 0.00	29.39 1.17 0.00	29.88 1.27 0.00	28.78 1.08 0.00	28.93 0.79 0.00	35.17 1.31 0.00	30.54 1.24 0.00	34.25 0.86 0.00	35.33 1.30 0.00	30.46 1.17 0.00	40.85 1.57 0.00	28.25 1.28 0.00
INDIAN POINT_GT_1 24139	18.91 1.06 0.00	21.63 0.99 0.00	19.86 0.84 0.00	19.81 0.84 0.00	19.99 0.92 0.00	20.72 0.93 0.00	25.45 1.19 0.00	24.30 1.39 0.00	25.37 1.47 0.00	25.87 1.36 -2.85	27.56 1.59 -1.93	26.92 1.68 0.00	53.72 1.15 -35.21	30.12 1.90 0.00	30.64 2.02 0.00	35.85 2.02 -6.13	30.28 2.14 0.00	36.67 2.80 0.00	31.63 2.34 0.00	35.45 2.07 0.00	36.11 2.08 0.00	31.04 1.76 0.00	41.69 2.42 0.00	28.71 1.74 0.00
INDIAN POINT_GT_2 23659	18.91 1.06 0.00	21.63 0.99 0.00	19.86 0.84 0.00	19.81 0.84 0.00	19.99 0.92 0.00	20.72 0.93 0.00	25.45 1.19 0.00	24.30 1.39 0.00	25.37 1.47 0.00	25.87 1.36 -2.85	27.56 1.59 -1.93	26.92 1.68 0.00	53.72 1.15 -35.21	30.12 1.90 0.00	30.64 2.02 0.00	35.85 2.02 -6.13	30.28 2.14 0.00	36.67 2.80 0.00	31.63 2.34 0.00	35.45 2.07 0.00	36.11 2.08 0.00	31.04 1.76 0.00	41.69 2.42 0.00	28.71 1.74 0.00
INDIAN POINT_GT_3 24019	18.91 1.06 0.00	21.63 0.99 0.00	19.86 0.84 0.00	19.81 0.84 0.00	19.99 0.92 0.00	20.72 0.93 0.00	25.45 1.19 0.00	24.30 1.39 0.00	25.37 1.47 0.00	25.87 1.36 -2.85	27.56 1.59 -1.93	26.92 1.68 0.00	53.72 1.15 -35.21	30.12 1.90 0.00	30.64 2.02 0.00	35.85 2.02 -6.13	30.28 2.14 0.00	36.67 2.80 0.00	31.63 2.34 0.00	35.45 2.07 0.00	36.11 2.08 0.00	31.04 1.76 0.00	41.69 2.42 0.00	28.71 1.74 0.00
INDIAN POINT___2 23530	18.88 1.03 0.00	21.61 0.96 0.00	19.83 0.81 0.00	19.78 0.82 0.00	19.96 0.89 0.00	20.69 0.91 0.00	25.43 1.16 0.00	24.27 1.36 0.00	25.34 1.44 0.00	26.78 1.33 -3.79	28.17 1.56 -2.56	26.89 1.64 0.00	65.32 1.12 -46.83	30.08 1.86 0.00	30.61 1.99 0.00	37.83 1.98 -8.15	30.24 2.09 0.00	36.61 2.74 0.00	31.59 2.29 0.00	35.39 2.01 0.00	36.06 2.03 0.00	31.00 1.72 0.00	41.62 2.34 0.00	28.67 1.69 0.00
INDIAN POINT___3 23531	18.89 1.04 0.00	21.61 0.96 0.00	19.84 0.82 0.00	19.79 0.83 0.00	19.97 0.90 0.00	20.70 0.91 0.00	25.44 1.17 0.00	24.27 1.36 0.00	25.34 1.44 0.00	25.91 1.33 -2.92	27.58 1.56 -1.98	26.88 1.63 0.00	54.54 1.12 -36.07	30.06 1.84 0.00	30.58 1.97 0.00	35.93 1.96 -6.27	30.21 2.07 0.00	36.59 2.72 0.00	31.56 2.27 0.00	35.38 2.00 0.00	36.04 2.01 0.00	30.98 1.70 0.00	41.61 2.34 0.00	28.66 1.68 0.00
INGHAM_C_115KV_TB7 356103	17.78 -0.07 0.00	20.46 -0.19 0.00	18.80 -0.22 0.00	18.85 -0.11 0.00	19.03 -0.04 0.00	19.73 -0.06 0.00	24.18 -0.09 0.00	22.93 0.01 0.00	23.99 0.09 0.00	21.54 -0.12 0.00	23.88 -0.16 0.00	24.93 -0.32 0.00	17.55 0.19 0.00	28.11 -0.11 0.00	28.36 -0.26 0.00	27.42 -0.28 0.00	28.02 -0.12 0.00	34.52 0.35 -0.30	29.84 0.54 0.00	33.87 0.48 0.00	34.16 0.13 0.00	29.42 0.14 0.00	39.75 0.46 0.00	27.14 0.16 0.00
IP CORINTH___1 23988	18.63 0.79 0.00	21.32 0.68 0.00	19.66 0.64 0.00	19.70 0.73 0.00	19.85 0.78 0.00	20.43 0.65 0.00	25.03 0.77 0.00	23.69 0.78 0.00	24.67 0.77 0.00	22.86 0.65 -0.54	25.05 0.64 -0.37	25.86 0.61 0.00	24.49 0.44 -6.69	29.11 0.89 0.00	29.47 0.85 0.00	29.87 1.00 -1.16	29.35 1.21 0.00	35.70 1.83 0.00	30.96 1.67 0.00	35.03 1.64 0.00	35.67 1.64 0.00	30.70 1.42 0.00	41.28 2.00 0.00	28.16 1.18 0.00
IP___TICONDEROGA 23804	19.50 1.66 0.00	22.04 1.40 0.00	20.48 1.47 0.00	20.63 1.67 0.00	20.80 1.74 0.00	21.44 1.66 0.00	26.35 2.08 0.00	24.93 2.02 0.00	25.91 2.01 0.00	23.84 1.62 -0.54	26.12 1.71 -0.37	27.02 1.77 0.00	25.31 1.23 -6.72	30.67 2.45 0.00	30.87 2.25 0.00	31.68 2.82 -1.17	31.22 3.07 0.00	38.14 4.27 0.00	33.24 3.94 0.00	37.48 4.09 0.00	38.11 4.08 0.00	32.52 3.24 0.00	43.88 4.60 0.00	29.60 2.62 0.00
ISLIP_RES_REC 323679	19.97 2.13 0.00	22.81 2.17 0.00	20.91 1.89 0.00	20.80 1.83 0.00	20.94 1.88 0.00	21.78 2.00 0.00	26.81 2.54 0.00	25.65 2.74 0.00	26.68 2.79 0.00	26.84 2.49 -2.68	29.20 2.97 -2.19	33.12 3.25 -4.62	57.08 2.20 -37.53	91.66 3.61 -59.83	82.45 3.77 -50.06	154.54 3.60 -123.24	182.20 3.73 -150.33	164.26 4.71 -125.68	99.63 3.99 -66.34	60.13 3.83 -22.92	51.03 3.84 -13.16	79.97 3.56 -47.13	45.31 4.78 -1.25	31.33 3.49 -0.86
JAMAICA__27_KV_LOAD 355505	19.17 1.32 0.00	21.86 1.22 0.00	20.07 1.05 0.00	20.03 1.06 0.00	20.20 1.13 0.00	20.93 1.15 0.00	25.74 1.48 0.00	24.61 1.70 0.00	25.71 1.82 0.00	25.80 1.68 -2.45	27.58 1.88 -1.66	27.28 2.03 0.00	49.00 1.38 -30.26	30.46 2.25 0.00	31.08 2.46 0.00	35.46 2.50 -5.26	30.73 2.58 0.00	37.19 3.33 0.00	32.05 2.76 0.00	35.88 2.49 0.00	36.55 2.52 0.00	31.52 2.24 0.00	42.40 3.12 0.00	29.20 2.22 0.00
JANIS___SOLAR 323808	18.51 0.67 0.00	21.35 0.70 0.00	19.65 0.63 0.00	19.60 0.63 0.00	19.67 0.61 0.00	20.54 0.76 0.00	25.42 1.15 0.00	24.08 1.17 0.00	25.08 1.18 0.00	22.54 0.87 0.00	24.90 0.85 0.00	26.04 0.79 0.00	17.97 0.61 0.00	29.23 1.01 0.00	29.65 1.04 0.00	28.99 1.29 0.00	29.51 1.36 0.00	35.81 1.94 0.00	31.24 1.95 0.00	35.53 2.14 0.00	36.41 2.37 0.00	31.14 1.86 0.00	41.72 2.44 0.00	28.56 1.58 0.00
JARVIS____ 23743	17.87 0.02 0.00	20.65 0.00 0.00	19.02 0.00 0.00	18.97 0.01 0.00	19.09 0.02 0.00	19.80 0.01 0.00	24.27 0.00 0.00	22.96 0.05 0.00	23.92 0.02 0.00	21.69 0.02 0.00	24.08 0.03 0.00	25.27 0.03 0.00	17.38 0.02 0.00	28.25 0.03 0.00	28.64 0.03 0.00	27.70 0.00 0.00	28.18 0.03 0.00	34.28 0.11 -0.30	29.42 0.13 0.00	33.45 0.06 0.00	34.07 0.03 0.00	29.29 0.01 0.00	39.34 0.06 0.00	27.01 0.03 0.00
JENNISON___1 23625	18.64 0.80 0.00	21.49 0.84 0.00	19.77 0.75 0.00	19.72 0.75 0.00	19.83 0.76 0.00	20.67 0.88 0.00	25.54 1.28 0.00	24.27 1.36 0.00	25.33 1.44 0.00	22.90 1.23 0.00	25.32 1.28 0.00	26.54 1.30 0.00	18.35 0.99 0.00	29.84 1.62 0.00	30.26 1.64 0.00	29.40 1.70 0.00	29.92 1.77 0.00	36.40 2.53 0.00	31.59 2.29 0.00	35.69 2.31 0.00	36.50 2.47 0.00	31.22 1.94 0.00	41.92 2.64 0.00	28.71 1.73 0.00
JENNISON___2 23626	18.64 0.80 0.00	21.49 0.84 0.00	19.77 0.75 0.00	19.72 0.75 0.00	19.83 0.76 0.00	20.67 0.88 0.00	25.54 1.28 0.00	24.27 1.36 0.00	25.33 1.44 0.00	22.90 1.23 0.00	25.32 1.28 0.00	26.54 1.30 0.00	18.35 0.99 0.00	29.84 1.62 0.00	30.26 1.64 0.00	29.40 1.70 0.00	29.92 1.77 0.00	36.40 2.53 0.00	31.59 2.29 0.00	35.69 2.31 0.00	36.50 2.47 0.00	31.22 1.94 0.00	41.92 2.64 0.00	28.71 1.73 0.00

JERICO_RISE_WT_PWR 323719	17.09 -0.76 0.00	19.94 -0.71 0.00	18.51 -0.51 0.00	18.35 -0.62 0.00	18.31 -0.76 0.00	19.07 -0.72 0.00	23.73 -0.54 0.00	22.38 -0.54 0.00	23.53 -0.37 0.00	21.40 -0.27 0.00	23.71 -0.33 0.00	24.90 -0.35 0.00	16.97 -0.39 0.00	27.31 -0.91 0.00	27.41 -1.21 0.00	26.62 -1.08 0.00	27.05 -1.09 0.00	32.11 -1.18 0.58	28.37 -0.92 0.00	32.95 -0.43 0.00	33.41 -0.62 0.00	28.57 -0.71 0.00	37.70 -1.57 0.00	25.64 -1.34 0.00
KATONAH__115KV_46KV_TB4 355592	19.04 1.20 0.00	21.79 1.14 0.00	20.00 0.98 0.00	19.95 0.98 0.00	20.12 1.05 0.00	20.86 1.07 0.00	25.64 1.38 0.00	24.46 1.55 0.00	25.56 1.67 0.00	24.77 1.55 -1.56	26.92 1.82 -1.05	27.17 1.92 0.00	37.89 1.31 -19.22	30.40 2.18 0.00	30.93 2.32 0.00	33.36 2.31 -3.34	30.60 2.45 0.00	37.07 3.20 0.00	31.97 2.67 0.00	35.80 2.42 0.00	36.45 2.42 0.00	31.33 2.05 0.00	42.09 2.81 0.00	28.95 1.97 0.00
KCE_NY_1 323755	18.87 1.02 0.00	21.69 1.04 0.00	19.95 0.94 0.00	19.93 0.97 0.00	20.09 1.02 0.00	20.83 1.04 0.00	25.46 1.20 0.00	24.09 1.18 0.00	25.10 1.21 0.00	23.25 1.04 -0.55	25.52 1.10 -0.37	26.39 1.15 0.00	24.93 0.82 -6.75	29.68 1.46 0.00	29.99 1.37 0.00	30.24 1.37 -1.17	29.74 1.60 0.00	36.10 2.24 0.00	31.25 1.95 0.00	35.40 2.01 0.00	36.04 2.01 0.00	30.92 1.64 0.00	41.56 2.28 0.00	28.42 1.45 0.00
KCE_NY_6_ESR 323823	18.13 0.29 0.00	21.04 0.39 0.00	19.30 0.28 0.00	19.05 0.09 0.00	18.99 -0.08 0.00	19.84 0.05 0.00	24.66 0.40 0.00	23.41 0.51 0.00	24.68 0.79 0.00	22.49 0.82 0.00	24.89 0.85 0.00	26.35 1.10 0.00	18.01 0.65 0.00	29.51 1.30 0.00	30.04 1.43 0.00	28.96 1.25 0.00	29.10 0.95 0.00	35.40 1.53 0.00	30.73 1.44 0.00	34.48 1.10 0.00	35.58 1.55 0.00	30.63 1.35 0.00	41.19 1.92 0.00	28.41 1.43 0.00
KEDC_PORT_JEFF_GT2 24210	19.76 1.91 0.00	22.58 1.93 0.00	20.69 1.68 0.00	20.59 1.63 0.00	20.74 1.67 0.00	21.56 1.78 0.00	26.54 2.28 0.00	25.36 2.45 0.00	26.23 2.34 0.00	26.45 2.10 -2.68	28.92 2.69 -2.19	32.83 2.91 -4.67	56.38 1.97 -37.05	103.92 3.18 -72.51	92.19 3.17 -60.40	180.62 2.97 -149.95	214.25 3.02 -183.09	202.26 3.80 -164.59	124.39 3.22 -91.87	66.58 3.01 -30.18	53.78 3.09 -16.66	89.26 3.05 -56.93	44.66 4.12 -1.25	30.92 3.08 -0.86
KEDC_PORT_JEFF_GT3 24211	19.76 1.91 0.00	22.58 1.93 0.00	20.69 1.68 0.00	20.59 1.63 0.00	20.74 1.67 0.00	21.56 1.78 0.00	26.54 2.28 0.00	25.36 2.45 0.00	26.23 2.34 0.00	26.45 2.10 -2.68	28.92 2.69 -2.19	32.83 2.91 -4.67	56.38 1.97 -37.05	103.92 3.18 -72.51	92.19 3.17 -60.40	180.62 2.97 -149.95	214.25 3.02 -183.09	202.26 3.80 -164.59	124.39 3.22 -91.87	66.58 3.01 -30.18	53.78 3.09 -16.66	89.26 3.05 -56.93	44.66 4.12 -1.25	30.92 3.08 -0.86
KEDC_GLWD_GT4 24219	19.23 1.39 0.00	21.98 1.34 0.00	20.17 1.15 0.00	20.09 1.13 0.00	20.26 1.19 0.00	21.03 1.24 0.00	25.86 1.59 0.00	24.67 1.76 0.00	25.60 1.71 0.00	25.96 1.61 -2.68	28.36 2.13 -2.19	31.88 2.23 -4.40	52.19 1.52 -33.31	36.76 2.38 -6.17	37.45 2.51 -6.33	40.49 2.49 -10.30	44.15 2.61 -13.39	48.55 3.37 -11.31	40.72 2.81 -8.62	36.00 2.52 -0.10	36.54 2.51 0.00	37.18 2.23 -5.67	43.58 3.05 -1.25	30.06 2.23 -0.86
KEDC_GLWD_GT5 24220	19.23 1.39 0.00	21.98 1.34 0.00	20.17 1.15 0.00	20.09 1.13 0.00	20.26 1.19 0.00	21.03 1.24 0.00	25.86 1.59 0.00	24.67 1.76 0.00	25.60 1.71 0.00	25.96 1.61 -2.68	28.36 2.13 -2.19	31.88 2.23 -4.40	52.19 1.52 -33.31	36.76 2.38 -6.17	37.45 2.51 -6.33	40.49 2.49 -10.30	44.15 2.61 -13.39	48.55 3.37 -11.31	40.72 2.81 -8.62	36.00 2.52 -0.10	36.54 2.51 0.00	37.18 2.23 -5.67	43.58 3.05 -1.25	30.06 2.23 -0.86
KENSICO____ 23655	18.97 1.12 0.00	21.70 1.05 0.00	19.92 0.89 0.00	19.87 0.90 0.00	20.04 0.97 0.00	20.77 0.98 0.00	25.53 1.26 0.00	24.36 1.45 0.00	25.45 1.55 0.00	25.71 1.43 -2.60	27.48 1.68 -1.76	27.02 1.77 0.00	50.74 1.22 -32.16	30.22 2.01 0.00	30.75 2.14 0.00	35.42 2.12 -5.59	30.38 2.23 0.00	36.79 2.92 0.00	31.73 2.44 0.00	35.55 2.17 0.00	36.21 2.18 0.00	31.14 1.86 0.00	41.84 2.56 0.00	28.81 1.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.96 1.11 0.00	21.71 1.06 0.00	19.91 0.90 0.00	19.86 0.90 0.00	20.03 0.96 0.00	20.76 0.98 0.00	25.52 1.25 0.00	24.35 1.44 0.00	25.44 1.54 0.00	23.03 1.36 0.00	25.43 1.38 0.00	26.70 1.45 0.00	18.39 1.03 0.00	29.93 1.71 0.00	30.43 1.82 0.00	29.62 1.92 0.00	30.19 2.05 0.00	36.69 2.82 0.00	31.66 2.37 0.00	35.58 2.20 0.00	36.18 2.15 0.00	31.10 1.82 0.00	41.97 2.69 0.00	28.88 1.90 0.00
KIAC_JFK_GT1 23816	19.07 1.22 0.00	21.74 1.09 0.00	19.96 0.94 0.00	19.92 0.95 0.00	20.10 1.03 0.00	20.82 1.04 0.00	25.60 1.34 0.00	24.47 1.56 0.00	25.56 1.67 0.00	25.68 1.57 -2.45	27.44 1.74 -1.66	27.13 1.88 0.00	48.86 1.24 -30.26	30.17 1.95 0.00	30.81 2.19 0.00	35.21 2.24 -5.26	30.47 2.32 0.00	36.87 3.00 0.00	31.77 2.48 0.00	35.56 2.18 0.00	36.19 2.16 0.00	31.23 1.95 0.00	42.14 2.86 0.00	29.02 2.04 0.00
KIAC_JFK_GT2 23817	19.07 1.22 0.00	21.74 1.09 0.00	19.96 0.94 0.00	19.92 0.95 0.00	20.10 1.03 0.00	20.82 1.04 0.00	25.60 1.34 0.00	24.47 1.56 0.00	25.56 1.67 0.00	25.68 1.57 -2.45	27.44 1.74 -1.66	27.13 1.88 0.00	48.86 1.24 -30.26	30.17 1.95 0.00	30.81 2.19 0.00	35.21 2.24 -5.26	30.47 2.32 0.00	36.87 3.00 0.00	31.77 2.48 0.00	35.56 2.18 0.00	36.19 2.16 0.00	31.23 1.95 0.00	42.14 2.86 0.00	29.02 2.04 0.00
KIAC_JFK____ 323774	19.06 1.22 0.00	21.74 1.09 0.00	19.96 0.94 0.00	19.92 0.95 0.00	20.10 1.03 0.00	20.82 1.04 0.00	25.60 1.34 0.00	24.47 1.56 0.00	25.56 1.67 0.00	25.68 1.57 -2.45	27.44 1.74 -1.66	27.13 1.88 0.00	48.86 1.24 -30.26	30.17 1.95 0.00	30.80 2.19 0.00	35.21 2.24 -5.26	30.47 2.32 0.00	36.87 3.00 0.00	31.77 2.48 0.00	35.56 2.18 0.00	36.19 2.16 0.00	31.23 1.95 0.00	42.14 2.85 0.00	29.02 2.04 0.00
KINTIGH____ 23543	17.75 -0.09 0.00	20.59 -0.06 0.00	18.90 -0.11 0.00	18.68 -0.29 0.00	18.63 -0.44 0.00	19.45 -0.33 0.00	24.12 -0.15 0.00	22.84 -0.07 0.00	24.02 0.12 0.00	21.87 0.20 0.00	24.19 0.14 0.00	25.56 0.31 0.00	17.62 0.26 0.00	28.68 0.47 0.00	29.17 0.55 0.00	28.12 0.42 0.00	28.30 0.15 0.00	34.37 0.50 0.00	29.84 0.54 0.00	33.54 0.16 0.00	34.55 0.52 0.00	29.79 0.51 0.00	39.98 0.70 0.00	27.65 0.67 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	17.24 -0.61 0.00	20.09 -0.56 0.00	18.69 -0.33 0.00	18.51 -0.45 0.00	18.47 -0.60 0.00	19.19 -0.59 0.00	23.93 -0.33 0.00	22.63 -0.28 0.00	23.75 -0.15 0.00	21.64 -0.03 0.00	23.96 -0.08 0.00	25.11 -0.14 0.00	17.09 -0.27 0.00	27.55 -0.67 0.00	27.66 -0.96 0.00	26.85 -0.85 0.00	27.31 -0.83 0.00	32.64 -0.72 0.51	28.86 -0.43 0.00	33.42 0.04 0.00	33.93 -0.10 0.00	28.95 -0.33 0.00	38.21 -1.07 0.00	25.91 -1.07 0.00

LACHUTE____HYDRO 323717	19.50 1.66 0.00	22.04 1.40 0.00	20.48 1.47 0.00	20.63 1.67 0.00	20.80 1.74 0.00	21.44 1.66 0.00	26.35 2.08 0.00	24.93 2.02 0.00	25.91 2.01 0.00	23.84 1.62 -0.54	26.12 1.70 -0.37	27.02 1.77 0.00	25.31 1.23 -6.72	30.67 2.45 0.00	30.87 2.25 0.00	31.68 2.82 -1.17	31.22 3.07 0.00	38.14 4.27 0.00	33.24 3.94 0.00	37.47 4.09 0.00	38.11 4.07 0.00	32.52 3.24 0.00	43.88 4.60 0.00	29.60 2.62 0.00
LAWRNCAV_115KV_TB1 80681	17.03 -0.82 0.00	19.83 -0.82 0.00	18.48 -0.54 0.00	18.40 -0.57 0.00	18.45 -0.61 0.00	19.18 -0.61 0.00	23.38 -0.88 0.00	21.90 -1.00 0.00	22.86 -1.04 0.00	20.74 -0.92 0.00	23.02 -1.03 0.00	24.16 -1.09 0.00	16.63 -0.73 0.00	26.88 -1.34 0.00	27.19 -1.42 0.00	26.36 -1.34 0.00	26.71 -1.43 0.00	30.69 -1.92 1.25	27.70 -1.60 0.00	32.05 -1.33 0.00	32.69 -1.34 0.00	28.14 -1.14 0.00	37.41 -1.87 0.00	25.58 -1.40 0.00
LEDERLE____ 23769	18.94 1.09 0.00	21.67 1.02 0.00	19.88 0.86 0.00	19.84 0.87 0.00	20.02 0.96 0.00	20.75 0.97 0.00	25.52 1.26 0.00	24.36 1.45 0.00	25.45 1.55 0.00	19.88 1.42 3.20	23.54 1.66 2.17	27.00 1.75 0.00	-21.24 1.22 39.82	30.25 2.03 0.00	30.77 2.15 0.00	22.91 2.14 6.93	30.41 2.26 0.00	36.81 2.94 0.00	31.75 2.46 0.00	35.58 2.19 0.00	36.24 2.21 0.00	31.12 1.84 0.00	41.75 2.47 0.00	28.75 1.77 0.00
LIGHTHSE_115KV_TB6 355974	17.47 -0.38 0.00	20.16 -0.49 0.00	18.58 -0.44 0.00	18.53 -0.43 0.00	18.64 -0.43 0.00	19.38 -0.40 0.00	23.82 -0.44 0.00	22.48 -0.43 0.00	23.30 -0.59 0.00	21.13 -0.53 0.00	23.47 -0.57 0.00	24.59 -0.66 0.00	16.90 -0.46 0.00	27.42 -0.80 0.00	27.81 -0.80 0.00	26.89 -0.81 0.00	27.28 -0.87 0.00	32.06 -0.82 0.99	28.85 -0.45 0.00	32.90 -0.48 0.00	33.58 -0.45 0.00	28.75 -0.53 0.00	38.58 -0.71 0.00	26.46 -0.52 0.00
LINDEN COGEN____ 23786	18.91 1.06 0.00	21.60 0.95 0.00	19.83 0.82 0.00	19.77 0.80 0.00	19.94 0.88 0.00	20.66 0.88 0.00	25.42 1.15 0.00	24.28 1.37 0.00	25.37 1.48 0.00	24.27 1.39 -1.21	27.35 1.65 -1.66	27.01 1.76 0.00	45.97 1.21 -27.40	30.20 1.98 0.00	30.73 2.12 0.00	35.09 2.13 -5.26	30.35 2.20 0.00	36.73 2.86 0.00	31.66 2.37 0.00	35.42 2.03 0.00	36.09 2.06 0.00	31.09 1.81 0.00	41.69 2.41 0.00	28.75 1.77 0.00
LINDHRST_69_KV_BK1 356055	19.69 1.84 0.00	22.48 1.83 0.00	20.60 1.58 0.00	20.51 1.54 0.00	20.67 1.60 0.00	21.47 1.69 0.00	26.43 2.16 0.00	25.24 2.33 0.00	26.32 2.43 0.00	26.55 2.20 -2.68	28.87 2.64 -2.18	32.48 2.81 -4.42	54.33 1.94 -35.03	42.42 3.16 -11.04	42.19 3.29 -10.29	51.41 3.16 -20.54	57.18 3.29 -25.75	60.11 4.20 -22.04	47.41 3.56 -14.56	38.90 3.33 -2.19	38.52 3.36 -1.12	41.85 3.14 -9.43	44.75 4.22 -1.25	30.90 3.07 -0.86
LIPA_MISC_IPP 23656	19.85 2.00 0.00	22.67 2.02 0.00	20.77 1.76 0.00	20.67 1.70 0.00	20.81 1.74 0.00	21.64 1.86 0.00	26.63 2.37 0.00	25.46 2.55 0.00	26.49 2.60 0.00	26.64 2.29 -2.68	29.00 2.77 -2.18	32.87 2.99 -4.63	56.13 2.02 -36.74	93.81 3.31 -62.28	84.11 3.44 -52.06	159.41 3.30 -128.40	187.57 3.43 -155.99	201.99 4.37 -163.75	142.16 3.71 -109.15	65.31 3.53 -28.40	50.73 3.56 -13.14	81.61 3.30 -49.02	44.96 4.42 -1.25	31.07 3.23 -0.86
LISF____SOLAR 323691	19.88 2.04 0.00	22.70 2.05 0.00	20.81 1.79 0.00	20.69 1.73 0.00	20.84 1.78 0.00	21.67 1.89 0.00	26.67 2.41 0.00	25.50 2.59 0.00	26.53 2.63 0.00	26.67 2.32 -2.68	29.03 2.79 -2.19	32.90 3.02 -4.63	56.26 2.06 -36.84	94.52 3.37 -62.93	84.68 3.48 -52.59	160.82 3.35 -129.77	189.42 3.49 -157.79	218.55 4.45 -180.23	159.57 3.79 -126.48	67.91 3.63 -30.89	51.12 3.64 -13.44	82.17 3.37 -49.53	45.03 4.50 -1.25	31.12 3.29 -0.86
LITTLE FALLS____HYD 24013	17.78 -0.07 0.00	20.46 -0.19 0.00	18.80 -0.22 0.00	18.85 -0.11 0.00	19.03 -0.04 0.00	19.73 -0.06 0.00	24.18 -0.09 0.00	22.93 0.01 0.00	23.99 0.09 0.00	21.54 -0.12 0.00	23.88 -0.16 0.00	24.93 -0.32 0.00	17.55 0.19 0.00	28.11 -0.11 0.00	28.36 -0.26 0.00	27.42 -0.28 0.00	28.02 -0.12 0.00	34.52 0.35 -0.30	29.84 0.54 0.00	33.87 0.48 0.00	34.16 0.13 0.00	29.42 0.14 0.00	39.75 0.46 0.00	27.14 0.16 0.00
LITTLRIV_115KV_TB1 356100	17.20 -0.65 0.00	20.02 -0.63 0.00	18.65 -0.36 0.00	18.58 -0.38 0.00	18.63 -0.44 0.00	19.38 -0.41 0.00	23.65 -0.61 0.00	22.14 -0.76 0.00	23.08 -0.82 0.00	20.94 -0.73 0.00	23.26 -0.78 0.00	24.42 -0.82 0.00	16.90 -0.46 0.00	27.27 -0.96 0.00	27.49 -1.12 0.00	26.65 -1.05 0.00	27.01 -1.14 0.00	30.93 -1.59 1.34	27.97 -1.33 0.00	32.44 -0.94 0.00	33.11 -0.92 0.00	28.50 -0.78 0.00	37.85 -1.43 0.00	25.86 -1.12 0.00
LI_NEWBRDGE____DRP 323616	19.24 1.39 0.00	21.99 1.34 0.00	20.16 1.14 0.00	20.08 1.12 0.00	20.24 1.18 0.00	21.02 1.23 0.00	25.85 1.59 0.00	24.67 1.76 0.00	25.72 1.82 0.00	26.01 1.66 -2.68	28.27 2.04 -2.18	31.78 2.12 -4.40	52.14 1.47 -33.31	36.79 2.40 -6.17	37.46 2.52 -6.33	40.46 2.46 -10.30	44.11 2.57 -13.39	48.49 3.31 -11.31	40.70 2.79 -8.62	35.99 2.51 -0.10	36.53 2.50 0.00	37.26 2.31 -5.67	43.60 3.07 -1.25	30.16 2.32 -0.86
LOCKPORT_115KV_TB60_63_64 80432	17.84 -0.01 0.00	20.72 0.07 0.00	19.02 0.00 0.00	18.74 -0.22 0.00	18.66 -0.41 0.00	19.52 -0.26 0.00	24.26 -0.01 0.00	22.97 0.06 0.00	24.18 0.28 0.00	22.04 0.37 0.00	24.39 0.34 0.00	25.82 0.57 0.00	17.85 0.49 0.00	29.03 0.81 0.00	29.49 0.88 0.00	28.41 0.71 0.00	28.57 0.42 0.00	34.73 0.86 0.00	30.18 0.88 0.00	33.90 0.51 0.00	34.97 0.94 0.00	30.16 0.88 0.00	40.41 1.13 0.00	27.98 1.00 0.00
LOCKPORT____CC1 323769	17.84 0.00 0.00	20.72 0.08 0.00	19.02 0.00 0.00	18.75 -0.21 0.00	18.67 -0.40 0.00	19.52 -0.26 0.00	24.26 -0.01 0.00	22.97 0.06 0.00	24.18 0.29 0.00	22.04 0.37 0.00	24.39 0.34 0.00	25.83 0.58 0.00	17.84 0.48 0.00	29.01 0.79 0.00	29.49 0.87 0.00	28.39 0.69 0.00	28.55 0.41 0.00	34.71 0.84 0.00	30.15 0.85 0.00	33.86 0.48 0.00	34.96 0.93 0.00	30.14 0.86 0.00	40.41 1.13 0.00	27.97 0.99 0.00
LOCKPORT____CC2 323770	17.84 0.00 0.00	20.72 0.08 0.00	19.02 0.00 0.00	18.75 -0.21 0.00	18.67 -0.40 0.00	19.52 -0.26 0.00	24.26 -0.01 0.00	22.97 0.06 0.00	24.18 0.29 0.00	22.04 0.37 0.00	24.39 0.34 0.00	25.83 0.58 0.00	17.84 0.48 0.00	29.01 0.79 0.00	29.49 0.87 0.00	28.39 0.69 0.00	28.55 0.41 0.00	34.71 0.84 0.00	30.15 0.85 0.00	33.86 0.48 0.00	34.96 0.93 0.00	30.14 0.86 0.00	40.41 1.13 0.00	27.97 0.99 0.00
LOCKPORT____CC3 323771	17.84 0.00 0.00	20.72 0.08 0.00	19.02 0.00 0.00	18.75 -0.21 0.00	18.67 -0.40 0.00	19.52 -0.26 0.00	24.26 -0.01 0.00	22.97 0.06 0.00	24.18 0.29 0.00	22.04 0.37 0.00	24.39 0.34 0.00	25.83 0.58 0.00	17.84 0.48 0.00	29.01 0.79 0.00	29.49 0.87 0.00	28.39 0.69 0.00	28.55 0.41 0.00	34.71 0.84 0.00	30.15 0.85 0.00	33.86 0.48 0.00	34.96 0.93 0.00	30.14 0.86 0.00	40.41 1.13 0.00	27.97 0.99 0.00

LONG_LAKE_PHOENIX 24014	17.61 -0.23 0.00	20.34 -0.31 0.00	18.71 -0.31 0.00	18.64 -0.33 0.00	18.74 -0.33 0.00	19.47 -0.32 0.00	23.93 -0.33 0.00	22.64 -0.27 0.00	23.57 -0.32 0.00	21.37 -0.29 0.00	23.71 -0.33 0.00	24.93 -0.32 0.00	17.15 -0.21 0.00	27.93 -0.29 0.00	28.24 -0.38 0.00	27.33 -0.37 0.00	27.75 -0.39 0.00	33.33 -0.34 0.20	29.07 -0.23 0.00	33.03 -0.35 0.00	33.73 -0.30 0.00	28.98 -0.31 0.00	38.89 -0.39 0.00	26.70 -0.28 0.00
LOVETT___3 23632	18.86 1.01 0.00	21.58 0.94 0.00	19.80 0.79 0.00	19.76 0.79 0.00	19.95 0.88 0.00	20.67 0.88 0.00	25.42 1.15 0.00	24.25 1.34 0.00	25.31 1.42 0.00	19.61 1.30 3.36	23.28 1.51 2.27	26.82 1.57 0.00	-23.06 1.08 41.51	30.02 1.80 0.00	30.53 1.92 0.00	22.40 1.92 7.22	30.18 2.03 0.00	36.53 2.66 0.00	31.52 2.22 0.00	35.32 1.93 0.00	35.98 1.95 0.00	30.91 1.64 0.00	41.50 2.22 0.00	28.58 1.60 0.00
LOVETT___4 23642	18.86 1.01 0.00	21.58 0.94 0.00	19.80 0.79 0.00	19.76 0.79 0.00	19.95 0.88 0.00	20.67 0.88 0.00	25.42 1.15 0.00	24.25 1.34 0.00	25.31 1.42 0.00	19.61 1.30 3.36	23.28 1.51 2.27	26.82 1.57 0.00	-23.06 1.08 41.51	30.02 1.80 0.00	30.53 1.92 0.00	22.40 1.92 7.22	30.18 2.03 0.00	36.53 2.66 0.00	31.52 2.22 0.00	35.32 1.93 0.00	35.98 1.95 0.00	30.91 1.64 0.00	41.50 2.22 0.00	28.58 1.60 0.00
LOVETT___5 23593	18.86 1.01 0.00	21.58 0.94 0.00	19.80 0.79 0.00	19.76 0.79 0.00	19.95 0.88 0.00	20.67 0.88 0.00	25.42 1.15 0.00	24.25 1.34 0.00	25.31 1.42 0.00	19.61 1.30 3.36	23.28 1.51 2.27	26.82 1.57 0.00	-23.06 1.08 41.51	30.02 1.80 0.00	30.53 1.92 0.00	22.40 1.92 7.22	30.18 2.03 0.00	36.53 2.66 0.00	31.52 2.22 0.00	35.32 1.93 0.00	35.98 1.95 0.00	30.91 1.64 0.00	41.50 2.22 0.00	28.58 1.60 0.00
LOWER RAQUET___HYD 24057	16.88 -0.96 0.00	19.66 -0.99 0.00	18.33 -0.69 0.00	18.25 -0.71 0.00	18.30 -0.77 0.00	19.03 -0.76 0.00	23.21 -1.05 0.00	21.74 -1.17 0.00	22.68 -1.21 0.00	20.58 -1.09 0.00	22.85 -1.20 0.00	23.97 -1.27 0.00	16.50 -0.86 0.00	26.65 -1.57 0.00	26.97 -1.65 0.00	26.14 -1.56 0.00	26.50 -1.65 0.00	30.27 -2.17 1.43	27.50 -1.79 0.00	31.85 -1.53 0.00	32.48 -1.56 0.00	27.93 -1.35 0.00	37.11 -2.17 0.00	25.37 -1.61 0.00
LOWER___HUDSON 24059	18.65 0.81 0.00	21.48 0.83 0.00	19.77 0.76 0.00	19.78 0.81 0.00	19.92 0.85 0.00	20.64 0.85 0.00	25.19 0.93 0.00	23.82 0.91 0.00	24.81 0.91 0.00	23.00 0.76 -0.57	25.28 0.85 -0.39	26.06 0.81 0.00	25.02 0.57 -7.09	29.20 0.98 0.00	29.53 0.91 0.00	29.77 0.83 -1.23	29.16 1.01 0.00	35.37 1.50 0.00	30.61 1.32 0.00	34.71 1.32 0.00	35.39 1.35 0.00	30.33 1.05 0.00	40.89 1.61 0.00	28.02 1.04 0.00
LOWVILLE_115KV_TB2 356335	17.27 -0.57 0.00	19.94 -0.71 0.00	18.54 -0.49 0.00	18.53 -0.44 0.00	18.67 -0.40 0.00	19.40 -0.39 0.00	23.80 -0.46 0.00	22.38 -0.52 0.00	23.12 -0.78 0.00	21.04 -0.63 0.00	23.43 -0.61 0.00	24.45 -0.80 0.00	16.66 -0.70 0.00	26.92 -1.30 0.00	27.48 -1.13 0.00	26.49 -1.21 0.00	26.85 -1.30 0.00	38.29 -1.27 -5.69	28.72 -0.57 0.00	32.95 -0.44 0.00	33.37 -0.66 0.00	28.35 -0.93 0.00	37.95 -1.33 0.00	26.02 -0.95 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.85 1.00 0.00	21.67 1.02 0.00	19.95 0.93 0.00	19.94 0.98 0.00	20.09 1.03 0.00	20.80 1.02 0.00	25.44 1.18 0.00	24.07 1.16 0.00	25.07 1.18 0.00	23.23 1.01 -0.55	25.51 1.10 -0.37	26.36 1.11 0.00	24.90 0.79 -6.75	29.61 1.39 0.00	29.96 1.34 0.00	30.21 1.33 -1.17	29.68 1.54 0.00	36.03 2.16 0.00	31.20 1.90 0.00	35.34 1.96 0.00	36.01 1.98 0.00	30.89 1.61 0.00	41.54 2.26 0.00	28.43 1.45 0.00
LUTHERNY_35_KV_BK2 355980	18.87 1.02 0.00	21.69 1.04 0.00	19.95 0.94 0.00	19.93 0.97 0.00	20.09 1.03 0.00	20.83 1.04 0.00	25.46 1.20 0.00	24.09 1.18 0.00	25.10 1.21 0.00	23.25 1.04 -0.55	25.52 1.10 -0.37	26.39 1.14 0.00	24.93 0.82 -6.75	29.68 1.46 0.00	29.99 1.37 0.00	30.24 1.37 -1.17	29.74 1.60 0.00	36.10 2.24 0.00	31.25 1.95 0.00	35.40 2.01 0.00	36.04 2.01 0.00	30.92 1.64 0.00	41.56 2.28 0.00	28.42 1.45 0.00
LWR___OSWEGATCHIE_HYD 23850	16.94 -0.91 0.00	19.62 -1.03 0.00	18.29 -0.73 0.00	18.24 -0.73 0.00	18.33 -0.74 0.00	19.05 -0.73 0.00	23.32 -0.95 0.00	21.88 -1.03 0.00	22.69 -1.21 0.00	20.60 -1.07 0.00	22.89 -1.15 0.00	23.93 -1.31 0.00	16.38 -0.98 0.00	26.46 -1.76 0.00	26.93 -1.68 0.00	26.04 -1.66 0.00	26.41 -1.74 0.00	29.11 -2.03 2.73	27.86 -1.44 0.00	32.13 -1.26 0.00	32.68 -1.35 0.00	27.93 -1.35 0.00	37.24 -2.04 0.00	25.47 -1.51 0.00
LYONS_FALL_HYD 23570	17.59 -0.25 0.00	20.31 -0.34 0.00	18.81 -0.21 0.00	18.79 -0.17 0.00	18.92 -0.14 0.00	19.65 -0.13 0.00	24.14 -0.13 0.00	22.75 -0.16 0.00	23.60 -0.30 0.00	21.44 -0.22 0.00	23.87 -0.18 0.00	24.97 -0.28 0.00	17.08 -0.28 0.00	27.70 -0.52 0.00	28.18 -0.44 0.00	27.20 -0.51 0.00	27.60 -0.55 0.00	33.43 -0.44 0.00	29.29 -0.01 0.00	33.49 0.10 0.00	33.99 -0.04 0.00	28.98 -0.29 0.00	38.81 -0.47 0.00	26.60 -0.38 0.00
MADISON___COUNTY_LFGE 323628	18.13 0.29 0.00	20.93 0.28 0.00	19.29 0.28 0.00	19.24 0.27 0.00	19.36 0.29 0.00	20.12 0.34 0.00	24.76 0.50 0.00	23.43 0.52 0.00	24.42 0.53 0.00	22.14 0.47 0.00	24.60 0.56 0.00	25.83 0.58 0.00	17.76 0.40 0.00	28.93 0.70 0.00	29.35 0.74 0.00	28.39 0.69 0.00	28.84 0.70 0.00	35.48 1.01 -0.60	30.29 1.00 0.00	34.49 1.10 0.00	35.18 1.15 0.00	30.11 0.83 0.00	40.34 1.07 0.00	27.64 0.66 0.00
MALONE___115KV_TB1 356076	17.21 -0.63 0.00	20.06 -0.59 0.00	18.63 -0.39 0.00	18.48 -0.48 0.00	18.46 -0.60 0.00	19.24 -0.55 0.00	23.83 -0.43 0.00	22.46 -0.45 0.00	23.56 -0.34 0.00	21.46 -0.20 0.00	23.79 -0.26 0.00	24.97 -0.28 0.00	17.06 -0.30 0.00	27.44 -0.78 0.00	27.57 -1.04 0.00	26.77 -0.93 0.00	27.23 -0.92 0.00	32.04 -1.04 0.79	28.50 -0.79 0.00	33.08 -0.31 0.00	33.61 -0.42 0.00	28.78 -0.50 0.00	38.02 -1.26 0.00	25.87 -1.11 0.00
MAPLEWOD_115KV_TB3 80458	18.57 0.73 0.00	21.39 0.74 0.00	19.68 0.66 0.00	19.68 0.71 0.00	19.82 0.75 0.00	20.54 0.75 0.00	25.08 0.82 0.00	23.74 0.83 0.00	24.74 0.84 0.00	22.96 0.72 -0.57	25.26 0.83 -0.38	26.08 0.83 0.00	24.96 0.59 -7.01	29.23 1.01 0.00	29.60 0.98 0.00	29.83 0.91 -1.22	29.23 1.08 0.00	35.43 1.56 0.00	30.65 1.36 0.00	34.70 1.32 0.00	35.35 1.32 0.00	30.30 1.02 0.00	40.77 1.49 0.00	27.95 0.98 0.00
MAPLE RIDGE_WT_1 323574	17.40 -0.44 0.00	20.13 -0.52 0.00	18.65 -0.37 0.00	18.57 -0.40 0.00	18.71 -0.36 0.00	19.40 -0.39 0.00	23.67 -0.59 0.00	22.45 -0.47 0.00	23.30 -0.59 0.00	21.15 -0.51 0.00	23.56 -0.49 0.00	24.60 -0.65 0.00	16.82 -0.54 0.00	27.19 -1.03 0.00	27.68 -0.93 0.00	26.64 -1.06 0.00	27.11 -1.04 0.00	32.94 -1.05 -0.13	28.73 -0.56 0.00	32.68 -0.71 0.00	32.68 -1.36 0.00	28.01 -1.27 0.00	37.94 -1.35 0.00	26.20 -0.78 0.00

MAPLE_RIDGE_WT_2 323611	17.40 -0.44 0.00	20.13 -0.52 0.00	18.65 -0.37 0.00	18.57 -0.40 0.00	18.71 -0.36 0.00	19.40 -0.39 0.00	23.67 -0.59 0.00	22.45 -0.47 0.00	23.30 -0.59 0.00	21.15 -0.51 0.00	23.56 -0.49 0.00	24.60 -0.65 0.00	16.82 -0.54 0.00	27.19 -1.03 0.00	27.68 -0.93 0.00	26.64 -1.06 0.00	27.11 -1.04 0.00	32.94 -1.05 -0.13	28.73 -0.56 0.00	32.68 -0.71 0.00	32.68 -1.36 0.00	28.01 -1.27 0.00	37.94 -1.35 0.00	26.20 -0.78 0.00
MARBLE_RIVER_WT_PWR 323696	17.09 -0.76 0.00	19.93 -0.72 0.00	18.52 -0.50 0.00	18.34 -0.63 0.00	18.31 -0.76 0.00	19.05 -0.73 0.00	23.73 -0.54 0.00	22.41 -0.51 0.00	23.55 -0.35 0.00	21.44 -0.23 0.00	23.75 -0.30 0.00	24.93 -0.32 0.00	16.98 -0.38 0.00	27.34 -0.87 0.00	27.43 -1.19 0.00	26.65 -1.05 0.00	27.09 -1.06 0.00	32.29 -1.09 0.49	28.49 -0.81 0.00	33.03 -0.36 0.00	33.49 -0.54 0.00	28.60 -0.68 0.00	37.73 -1.55 0.00	25.64 -1.33 0.00
MARSHVLE_115KV_TB1 80742	19.02 1.18 0.00	21.98 1.33 0.00	20.27 1.25 0.00	20.18 1.21 0.00	20.26 1.19 0.00	21.10 1.32 0.00	26.06 1.80 0.00	24.98 2.07 0.00	25.73 1.84 0.00	23.52 1.52 -0.33	25.92 1.65 -0.22	26.91 1.66 0.00	22.28 0.84 -4.07	29.84 1.62 0.00	30.42 1.81 0.00	30.01 1.58 -0.73	29.68 1.54 0.00	36.09 2.22 0.00	31.52 2.22 0.00	35.92 2.54 0.00	36.64 2.61 0.00	31.72 2.45 0.00	42.27 3.00 0.00	29.09 2.11 0.00
MARSH_HILL_WT_PWR 323713	17.94 0.09 0.00	20.87 0.22 0.00	19.04 0.02 0.00	18.92 -0.04 0.00	18.99 -0.08 0.00	19.76 -0.02 0.00	24.55 0.29 0.00	23.45 0.54 0.00	24.80 0.90 0.00	22.65 0.98 0.00	24.96 0.91 0.00	26.16 0.91 0.00	17.84 0.48 0.00	29.15 0.93 0.00	29.66 1.05 0.00	28.32 0.61 0.00	28.56 0.42 0.00	34.99 1.12 0.00	30.52 1.22 0.00	34.59 1.20 0.00	35.56 1.53 0.00	30.59 1.31 0.00	41.49 2.22 0.00	28.24 1.27 0.00
MCINTYRE_115KV_TB2 80467	17.49 -0.35 0.00	20.37 -0.28 0.00	18.97 -0.05 0.00	18.89 -0.08 0.00	18.94 -0.12 0.00	19.70 -0.09 0.00	24.05 -0.22 0.00	22.49 -0.42 0.00	23.44 -0.45 0.00	21.26 -0.41 0.00	23.61 -0.43 0.00	24.80 -0.45 0.00	17.21 -0.15 0.00	27.72 -0.50 0.00	27.94 -0.67 0.00	27.10 -0.60 0.00	27.45 -0.70 0.00	31.56 -1.11 1.21	28.37 -0.92 0.00	32.94 -0.44 0.00	33.68 -0.35 0.00	29.01 -0.27 0.00	38.52 -0.76 0.00	26.32 -0.66 0.00
MECO____69_KV_BK1 80468	19.42 1.58 0.00	22.39 1.74 0.00	20.62 1.60 0.00	20.56 1.59 0.00	20.66 1.59 0.00	21.51 1.73 0.00	26.51 2.24 0.00	25.41 2.51 0.00	26.02 2.13 0.00	23.61 1.58 -0.37	25.97 1.67 -0.25	26.66 1.41 0.00	22.04 0.15 -4.53	29.80 1.58 0.00	29.98 1.37 0.00	29.70 1.18 -0.82	29.47 1.33 0.00	36.23 2.36 0.00	32.17 2.88 0.00	37.27 3.88 0.00	37.60 3.57 0.00	32.54 3.26 0.00	43.34 4.06 0.00	29.69 2.71 0.00
MENANDS__115KV_TB5 355628	18.47 0.63 0.00	21.28 0.63 0.00	19.58 0.56 0.00	19.58 0.61 0.00	19.72 0.65 0.00	20.43 0.65 0.00	24.94 0.68 0.00	23.62 0.71 0.00	24.60 0.70 0.00	22.84 0.61 -0.57	25.14 0.71 -0.38	25.94 0.69 0.00	24.86 0.48 -7.01	29.05 0.84 0.00	29.42 0.80 0.00	29.67 0.75 -1.22	29.04 0.90 0.00	35.20 1.34 0.00	30.43 1.14 0.00	34.44 1.05 0.00	35.10 1.07 0.00	30.08 0.80 0.00	40.49 1.22 0.00	27.78 0.80 0.00
MG INDUSTRY__DRP 24185	18.51 0.66 0.00	21.33 0.68 0.00	19.63 0.61 0.00	19.64 0.67 0.00	19.78 0.71 0.00	20.48 0.70 0.00	25.03 0.77 0.00	23.67 0.76 0.00	24.63 0.74 0.00	22.82 0.63 -0.52	25.11 0.71 -0.35	25.93 0.68 0.00	24.24 0.48 -6.40	29.03 0.81 0.00	29.40 0.78 0.00	29.56 0.74 -1.11	29.02 0.87 0.00	35.15 1.28 0.00	30.41 1.11 0.00	34.49 1.11 0.00	35.17 1.14 0.00	30.16 0.88 0.00	40.55 1.27 0.00	27.84 0.86 0.00
MID__OSWEGATCHIE_HYD 23849	16.94 -0.91 0.00	19.62 -1.03 0.00	18.29 -0.73 0.00	18.24 -0.73 0.00	18.33 -0.74 0.00	19.05 -0.73 0.00	23.32 -0.95 0.00	21.88 -1.03 0.00	22.69 -1.21 0.00	20.60 -1.07 0.00	22.89 -1.15 0.00	23.93 -1.31 0.00	16.38 -0.98 0.00	26.46 -1.76 0.00	26.93 -1.68 0.00	26.04 -1.66 0.00	26.41 -1.74 0.00	29.11 -2.03 2.73	27.86 -1.44 0.00	32.13 -1.26 0.00	32.68 -1.35 0.00	27.93 -1.35 0.00	37.24 -2.04 0.00	25.47 -1.51 0.00
MID__RAQUETTE_HYD 23851	16.88 -0.96 0.00	19.66 -0.99 0.00	18.33 -0.69 0.00	18.25 -0.71 0.00	18.30 -0.76 0.00	19.03 -0.76 0.00	23.21 -1.05 0.00	21.74 -1.17 0.00	22.68 -1.21 0.00	20.58 -1.09 0.00	22.85 -1.20 0.00	23.97 -1.27 0.00	16.50 -0.86 0.00	26.65 -1.57 0.00	26.96 -1.65 0.00	26.13 -1.56 0.00	26.50 -1.65 0.00	30.27 -2.17 1.43	27.50 -1.79 0.00	31.85 -1.53 0.00	32.48 -1.56 0.00	27.93 -1.35 0.00	37.11 -2.17 0.00	25.37 -1.61 0.00
MILLIKEN__1 23584	18.22 0.38 0.00	21.03 0.38 0.00	19.33 0.31 0.00	19.27 0.31 0.00	19.37 0.30 0.00	20.14 0.36 0.00	24.84 0.57 0.00	23.56 0.65 0.00	24.67 0.78 0.00	22.32 0.65 0.00	24.71 0.67 0.00	25.95 0.70 0.00	17.86 0.50 0.00	29.14 0.92 0.00	29.44 0.83 0.00	28.60 0.90 0.00	28.94 0.80 0.00	35.06 1.19 0.00	30.46 1.17 0.00	34.57 1.19 0.00	35.37 1.35 0.00	30.31 1.03 0.00	40.66 1.38 0.00	27.86 0.88 0.00
MILLIKEN__2 23585	18.22 0.38 0.00	21.03 0.38 0.00	19.33 0.31 0.00	19.27 0.31 0.00	19.37 0.30 0.00	20.14 0.36 0.00	24.84 0.57 0.00	23.56 0.65 0.00	24.67 0.78 0.00	22.32 0.65 0.00	24.71 0.67 0.00	25.95 0.70 0.00	17.86 0.50 0.00	29.14 0.92 0.00	29.44 0.83 0.00	28.60 0.90 0.00	28.94 0.80 0.00	35.06 1.19 0.00	30.46 1.17 0.00	34.57 1.19 0.00	35.37 1.35 0.00	30.31 1.03 0.00	40.66 1.38 0.00	27.86 0.88 0.00
MILLIKEN__DIESEL 23629	18.22 0.38 0.00	21.03 0.38 0.00	19.33 0.31 0.00	19.27 0.31 0.00	19.37 0.30 0.00	20.14 0.36 0.00	24.84 0.57 0.00	23.56 0.65 0.00	24.67 0.78 0.00	22.32 0.65 0.00	24.71 0.67 0.00	25.95 0.70 0.00	17.86 0.50 0.00	29.14 0.92 0.00	29.44 0.83 0.00	28.60 0.90 0.00	28.94 0.80 0.00	35.06 1.19 0.00	30.46 1.17 0.00	34.57 1.19 0.00	35.37 1.35 0.00	30.31 1.03 0.00	40.66 1.38 0.00	27.86 0.88 0.00
MILLSEAT__LFGE 323607	18.14 0.30 0.00	21.03 0.38 0.00	19.31 0.29 0.00	19.05 0.09 0.00	18.99 -0.08 0.00	19.87 0.09 0.00	24.69 0.42 0.00	23.40 0.49 0.00	24.58 0.69 0.00	22.35 0.69 0.00	24.73 0.68 0.00	26.19 0.94 0.00	18.11 0.75 0.00	29.54 1.32 0.00	30.01 1.40 0.00	28.89 1.19 0.00	29.15 1.00 0.00	35.45 1.58 0.00	30.84 1.55 0.00	34.67 1.28 0.00	35.72 1.69 0.00	30.74 1.46 0.00	41.15 1.87 0.00	28.40 1.43 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.93 1.08 0.00	21.66 1.01 0.00	19.88 0.86 0.00	19.83 0.87 0.00	20.01 0.94 0.00	20.74 0.95 0.00	25.48 1.22 0.00	24.32 1.41 0.00	25.39 1.50 0.00	25.77 1.38 -2.72	27.51 1.62 -1.84	26.95 1.70 0.00	52.11 1.17 -33.58	30.15 1.93 0.00	30.67 2.05 0.00	35.58 2.04 -5.84	30.30 2.16 0.00	36.70 2.83 0.00	31.65 2.36 0.00	35.47 2.08 0.00	36.13 2.10 0.00	31.06 1.78 0.00	41.75 2.47 0.00	28.74 1.77 0.00

MILLWOOD_13_KV_LOAD 356217	18.98 1.14 0.00	21.72 1.07 0.00	19.94 0.92 0.00	19.88 0.92 0.00	20.06 0.99 0.00	20.80 1.01 0.00	25.55 1.29 0.00	24.39 1.48 0.00	25.48 1.58 0.00	25.85 1.46 -2.72	27.60 1.72 -1.84	27.06 1.81 0.00	52.18 1.24 -33.58	30.27 2.05 0.00	30.81 2.19 0.00	35.72 2.18 -5.84	30.44 2.30 0.00	36.87 3.00 0.00	31.80 2.51 0.00	35.64 2.25 0.00	36.29 2.26 0.00	31.20 1.92 0.00	41.91 2.63 0.00	28.85 1.87 0.00
MODEL_CITY_ENERGY 24167	17.63 -0.21 0.00	20.49 -0.16 0.00	18.82 -0.20 0.00	18.55 -0.42 0.00	18.46 -0.61 0.00	19.31 -0.48 0.00	23.99 -0.27 0.00	22.71 -0.20 0.00	23.90 0.00 0.00	21.78 0.11 0.00	24.10 0.05 0.00	25.53 0.28 0.00	17.65 0.29 0.00	28.66 0.44 0.00	29.13 0.51 0.00	28.06 0.35 0.00	28.19 0.05 0.00	34.25 0.38 0.00	29.76 0.46 0.00	33.42 0.04 0.00	34.52 0.49 0.00	29.77 0.49 0.00	39.91 0.63 0.00	27.66 0.69 0.00
MODERN_LFGE_ 323580	17.63 -0.21 0.00	20.49 -0.16 0.00	18.82 -0.20 0.00	18.55 -0.42 0.00	18.46 -0.61 0.00	19.31 -0.48 0.00	23.99 -0.27 0.00	22.71 -0.20 0.00	23.90 0.00 0.00	21.78 0.11 0.00	24.10 0.05 0.00	25.53 0.28 0.00	17.65 0.29 0.00	28.66 0.44 0.00	29.13 0.51 0.00	28.06 0.35 0.00	28.19 0.05 0.00	34.25 0.38 0.00	29.76 0.46 0.00	33.42 0.04 0.00	34.52 0.49 0.00	29.77 0.49 0.00	39.91 0.63 0.00	27.66 0.69 0.00
MOHAWK_PAPER___DRP 24187	18.57 0.73 0.00	21.39 0.74 0.00	19.68 0.66 0.00	19.68 0.71 0.00	19.82 0.75 0.00	20.54 0.75 0.00	25.08 0.82 0.00	23.74 0.83 0.00	24.74 0.84 0.00	22.96 0.72 -0.57	25.26 0.83 -0.38	26.08 0.83 0.00	24.96 0.59 -7.01	29.23 1.01 0.00	29.60 0.98 0.00	29.83 0.91 -1.22	29.23 1.08 0.00	35.43 1.56 0.00	30.65 1.36 0.00	34.70 1.32 0.00	35.35 1.32 0.00	30.30 1.02 0.00	40.77 1.49 0.00	27.95 0.98 0.00
MOHICAN__35_KV_115KV_LD 80490	18.81 0.96 0.00	21.52 0.87 0.00	19.85 0.83 0.00	19.89 0.93 0.00	20.05 0.98 0.00	20.66 0.88 0.00	25.31 1.05 0.00	23.94 1.03 0.00	24.92 1.02 0.00	23.08 0.86 -0.54	25.28 0.87 -0.37	26.11 0.87 0.00	24.70 0.61 -6.73	29.42 1.20 0.00	29.74 1.13 0.00	30.15 1.28 -1.17	29.63 1.49 0.00	36.06 2.19 0.00	31.29 2.00 0.00	35.40 2.02 0.00	36.07 2.04 0.00	30.99 1.71 0.00	41.69 2.40 0.00	28.41 1.44 0.00
MONGAUP___HYD 23641	18.81 0.96 0.00	21.67 1.02 0.00	19.91 0.90 0.00	19.76 0.79 0.00	20.01 0.94 0.00	20.64 0.85 0.00	25.48 1.22 0.00	24.14 1.23 0.00	25.28 1.38 0.00	20.85 1.10 1.91	24.03 1.28 1.29	26.50 1.25 0.00	-5.45 0.80 23.61	29.66 1.44 0.00	30.18 1.56 0.00	25.12 1.52 4.11	29.95 1.80 0.00	36.64 2.77 0.00	31.58 2.29 0.00	35.53 2.14 0.00	36.13 2.10 0.00	31.17 1.89 0.00	41.85 2.58 0.00	28.72 1.74 0.00
MONTAUK___DIESEL 23721	20.80 2.96 0.00	23.72 3.07 0.00	21.70 2.68 0.00	21.57 2.61 0.00	21.73 2.67 0.00	22.61 2.82 0.00	27.82 3.56 0.00	26.67 3.76 0.00	27.86 3.97 0.00	27.98 3.63 -2.68	30.56 4.33 -2.18	34.56 4.68 -4.63	57.37 3.23 -36.78	96.05 5.26 -62.58	86.40 5.49 -52.30	162.11 5.38 -129.02	190.49 5.55 -156.79	205.91 7.00 -165.05	145.25 5.94 -110.01	67.98 5.95 -28.64	53.22 5.92 -13.26	83.84 5.31 -49.25	47.57 7.04 -1.25	32.74 4.90 -0.86
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.46 0.61 0.00	21.45 0.80 0.00	19.60 0.59 0.00	19.40 0.43 0.00	19.37 0.30 0.00	20.23 0.44 0.00	25.33 1.07 0.00	24.17 1.26 0.00	25.46 1.57 0.00	23.34 1.67 0.00	25.89 1.85 0.00	27.21 1.97 0.00	18.35 0.99 0.00	30.30 2.08 0.00	30.97 2.36 0.00	29.85 2.15 0.00	29.91 1.77 0.00	36.50 2.63 0.00	31.87 2.57 0.00	35.76 2.37 0.00	36.80 2.77 0.00	31.45 2.17 0.00	42.44 3.16 0.00	29.12 2.14 0.00
MORTIMER_115KV_TB3 55949	18.00 0.15 0.00	20.82 0.17 0.00	19.12 0.10 0.00	18.96 -0.01 0.00	18.98 -0.09 0.00	19.79 0.01 0.00	24.45 0.18 0.00	23.17 0.26 0.00	24.26 0.36 0.00	22.06 0.39 0.00	24.45 0.41 0.00	25.85 0.60 0.00	17.83 0.47 0.00	29.05 0.83 0.00	29.56 0.94 0.00	28.57 0.87 0.00	28.91 0.76 0.00	35.06 1.19 0.00	30.43 1.14 0.00	34.38 1.00 0.00	35.20 1.16 0.00	30.24 0.96 0.00	40.49 1.21 0.00	27.84 0.86 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.04 1.19 0.00	21.75 1.11 0.00	19.97 0.95 0.00	19.91 0.94 0.00	20.08 1.02 0.00	20.82 1.04 0.00	25.60 1.33 0.00	24.46 1.55 0.00	25.56 1.66 0.00	25.66 1.55 -2.45	27.52 1.82 -1.66	27.18 1.92 0.00	48.92 1.32 -30.24	30.37 2.15 0.00	30.93 2.31 0.00	35.26 2.30 -5.26	30.55 2.40 0.00	36.97 3.10 0.00	31.87 2.58 0.00	35.67 2.29 0.00	36.34 2.31 0.00	31.29 2.01 0.00	42.01 2.73 0.00	28.94 1.96 0.00
MUNSVILLE_WIND_PWR 323609	18.81 0.96 0.00	21.69 1.04 0.00	20.00 0.98 0.00	19.97 1.00 0.00	20.01 0.94 0.00	21.01 1.23 0.00	26.05 1.79 0.00	24.76 1.85 0.00	25.80 1.91 0.00	23.22 1.55 0.00	25.68 1.64 0.00	26.85 1.60 0.00	18.67 1.31 0.00	30.20 1.98 0.00	30.61 2.00 0.00	29.82 2.12 0.00	30.45 2.31 0.00	37.25 3.38 0.00	32.41 3.12 0.00	36.70 3.31 0.00	37.56 3.53 0.00	32.03 2.75 0.00	42.85 3.57 0.00	29.34 2.36 0.00
N SALMON___HYD 24042	17.21 -0.63 0.00	20.06 -0.59 0.00	18.63 -0.39 0.00	18.48 -0.48 0.00	18.46 -0.60 0.00	19.24 -0.55 0.00	23.83 -0.43 0.00	22.46 -0.45 0.00	23.56 -0.34 0.00	21.46 -0.21 0.00	23.79 -0.26 0.00	24.97 -0.28 0.00	17.06 -0.31 0.00	27.44 -0.78 0.00	27.57 -1.04 0.00	26.77 -0.93 0.00	27.22 -0.92 0.00	32.03 -1.04 0.79	28.50 -0.79 0.00	33.08 -0.31 0.00	33.61 -0.42 0.00	28.78 -0.50 0.00	38.02 -1.26 0.00	25.87 -1.11 0.00
N.AKRON__115KV_KNAPP 355671	18.08 0.24 0.00	20.97 0.32 0.00	19.26 0.24 0.00	18.99 0.02 0.00	18.91 -0.16 0.00	19.79 0.00 0.00	24.59 0.32 0.00	23.30 0.39 0.00	24.51 0.61 0.00	22.30 0.63 0.00	24.69 0.65 0.00	26.15 0.90 0.00	18.11 0.75 0.00	29.48 1.26 0.00	29.92 1.31 0.00	28.81 1.11 0.00	29.04 0.89 0.00	35.29 1.43 0.00	30.69 1.39 0.00	34.48 1.09 0.00	35.55 1.52 0.00	30.63 1.35 0.00	41.01 1.73 0.00	28.34 1.36 0.00
N.BELMOR_69_KV_BK1 55787	19.38 1.54 0.00	22.15 1.50 0.00	20.30 1.28 0.00	20.22 1.26 0.00	20.38 1.31 0.00	21.17 1.38 0.00	26.03 1.77 0.00	24.86 1.95 0.00	25.92 2.03 0.00	26.20 1.85 -2.68	28.48 2.25 -2.18	32.01 2.36 -4.40	52.29 1.62 -33.31	37.02 2.63 -6.17	37.79 2.85 -6.33	40.77 2.77 -10.30	44.41 2.87 -13.39	48.88 3.70 -11.31	41.04 3.13 -8.62	36.34 2.86 -0.10	36.91 2.87 0.00	37.62 2.67 -5.67	44.06 3.54 -1.25	30.44 2.60 -0.86
N.E_GEN_SANDY PD 24062	18.73 0.89 0.00	21.52 0.88 0.00	19.80 0.78 0.00	19.81 0.83 -0.01	20.63 0.88 -0.68	24.78 0.89 -4.11	25.53 1.00 -0.26	23.16 1.04 0.79	24.95 1.05 0.00	23.46 0.92 -0.87	25.69 1.05 -0.59	26.28 1.03 0.00	28.79 0.69 -10.74	29.34 1.13 0.00	29.70 1.09 0.00	30.57 1.00 -1.87	29.31 1.18 0.01	35.56 1.69 0.00	30.74 1.45 0.00	35.14 1.35 -0.40	35.40 1.37 0.00	30.09 1.06 0.25	41.01 1.78 0.05	26.92 1.24 1.30

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.89 1.04 0.00	21.61 0.96 0.00	19.83 0.81 0.00	19.78 0.82 0.00	19.97 0.90 0.00	20.69 0.91 0.00	25.45 1.19 0.00	24.29 1.38 0.00	25.36 1.47 0.00	19.72 1.34 3.29	23.39 1.57 2.23	26.89 1.65 0.00	-22.16 1.14 40.65	30.12 1.90 0.00	30.64 2.02 0.00	22.66 2.03 7.07	30.29 2.15 0.00	36.67 2.80 0.00	31.63 2.34 0.00	35.45 2.06 0.00	36.10 2.07 0.00	31.01 1.73 0.00	41.60 2.32 0.00	28.66 1.68 0.00
N.QUEENS_27_KV_LOAD 356247	19.13 1.29 0.00	21.81 1.16 0.00	20.09 1.07 0.00	20.00 1.03 0.00	20.14 1.07 0.00	20.89 1.10 0.00	25.68 1.42 0.00	24.55 1.64 0.00	25.65 1.75 0.00	25.73 1.61 -2.45	27.57 1.86 -1.66	27.26 2.01 0.00	48.99 1.38 -30.25	30.49 2.27 0.00	31.07 2.45 0.00	35.35 2.39 -5.26	30.65 2.51 0.00	37.12 3.25 0.00	32.05 2.76 0.00	35.77 2.39 0.00	36.47 2.43 0.00	31.51 2.23 0.00	42.24 2.96 0.00	29.11 2.14 0.00
N.TROY___115KV_TB1 355778	18.66 0.81 0.00	21.48 0.83 0.00	19.77 0.76 0.00	19.78 0.81 0.00	19.92 0.85 0.00	20.64 0.85 0.00	25.19 0.93 0.00	23.82 0.91 0.00	24.81 0.91 0.00	23.00 0.76 -0.57	25.28 0.85 -0.39	26.07 0.82 0.00	25.02 0.57 -7.09	29.20 0.98 0.00	29.53 0.91 0.00	29.77 0.83 -1.23	29.16 1.01 0.00	35.37 1.50 0.00	30.61 1.32 0.00	34.71 1.32 0.00	35.39 1.36 0.00	30.33 1.05 0.00	40.89 1.61 0.00	28.02 1.04 0.00
NARROWS_GT1_1 24228	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT1_2 24229	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT1_3 24230	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT1_4 24231	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT1_5 24232	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT1_6 24233	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT1_7 24234	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT1_8 24235	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT2_1 24236	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT2_2 24237	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT2_3 24238	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT2_4 24239	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00

NARROWS_GT2_5 24240	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT2_6 24241	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT2_7 24242	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NARROWS_GT2_8 24243	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.08 0.00	49.07 1.45 -30.26	30.57 2.35 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.91 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.52 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.82 0.98 0.00	21.69 1.04 0.00	19.96 0.94 0.00	19.97 1.01 0.00	20.11 1.04 0.00	20.87 1.08 0.00	25.50 1.24 0.00	24.11 1.20 0.00	25.00 1.10 0.00	22.98 0.89 -0.42	25.27 0.94 -0.29	26.13 0.88 0.00	23.26 0.66 -5.24	29.31 1.09 0.00	29.71 1.09 0.00	29.66 1.05 -0.91	29.41 1.26 0.00	35.78 1.91 0.00	31.11 1.82 0.00	35.48 2.09 0.00	36.22 2.19 0.00	30.96 1.68 0.00	41.49 2.21 0.00	28.37 1.39 0.00
NCHELSEA_115KV_TR2 355582	19.05 1.20 0.00	21.80 1.15 0.00	20.02 1.00 0.00	19.98 1.01 0.00	20.15 1.08 0.00	20.89 1.10 0.00	25.64 1.38 0.00	24.46 1.55 0.00	25.53 1.64 0.00	23.17 1.50 0.00	25.79 1.74 0.00	27.08 1.83 0.00	18.64 1.28 0.00	30.33 2.12 0.00	30.82 2.21 0.00	29.92 2.21 0.00	30.52 2.37 0.00	37.00 3.13 0.00	31.93 2.63 0.00	35.84 2.46 0.00	36.47 2.44 0.00	31.31 2.03 0.00	42.07 2.79 0.00	28.94 1.96 0.00
NEG CAPITAL___MECHNVIL 23645	18.86 1.02 0.00	21.68 1.03 0.00	19.95 0.93 0.00	19.95 0.99 0.00	20.10 1.03 0.00	20.82 1.03 0.00	25.43 1.17 0.00	24.07 1.16 0.00	25.06 1.17 0.00	23.24 1.02 -0.55	25.54 1.12 -0.38	26.39 1.14 0.00	25.03 0.81 -6.86	29.65 1.43 0.00	30.00 1.38 0.00	30.25 1.35 -1.19	29.71 1.56 0.00	36.08 2.21 0.00	31.24 1.95 0.00	35.37 1.98 0.00	36.02 1.99 0.00	30.87 1.59 0.00	41.53 2.25 0.00	28.42 1.44 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.66 -0.18 0.00	20.42 -0.23 0.00	18.75 -0.27 0.00	18.62 -0.35 0.00	18.66 -0.40 0.00	19.46 -0.32 0.00	24.02 -0.24 0.00	22.76 -0.15 0.00	23.88 -0.01 0.00	21.73 0.06 0.00	24.11 0.06 0.00	25.44 0.19 0.00	17.62 0.26 0.00	28.64 0.42 0.00	29.01 0.40 0.00	28.06 0.36 0.00	28.41 0.27 0.00	34.41 0.54 0.00	29.88 0.58 0.00	33.77 0.39 0.00	34.53 0.49 0.00	29.63 0.35 0.00	39.61 0.33 0.00	27.19 0.21 0.00
NEG CENTRAL___DRP 24199	18.03 0.18 0.00	20.81 0.16 0.00	19.13 0.11 0.00	19.05 0.08 0.00	19.13 0.06 0.00	19.90 0.12 0.00	24.62 0.35 0.00	23.42 0.51 0.00	24.89 1.00 0.00	22.58 0.91 0.00	25.00 0.96 0.00	26.29 1.04 0.00	18.17 0.81 0.00	29.54 1.32 0.00	29.45 0.83 0.00	28.45 0.75 0.00	28.73 0.58 0.00	34.79 0.92 0.00	30.24 0.95 0.00	34.26 0.88 0.00	35.04 1.01 0.00	30.05 0.77 0.00	40.33 1.05 0.00	27.65 0.67 0.00
NEG CENTRAL___INDECK 23768	18.31 0.46 0.00	21.21 0.56 0.00	19.45 0.43 0.00	19.29 0.32 0.00	19.30 0.23 0.00	20.15 0.36 0.00	24.96 0.70 0.00	23.72 0.81 0.00	24.74 0.85 0.00	22.42 0.75 0.00	24.67 0.63 0.00	26.02 0.77 0.00	17.98 0.62 0.00	29.05 0.83 0.00	29.04 0.42 0.00	27.77 0.07 0.00	27.95 -0.20 0.00	34.15 0.28 0.00	29.87 0.57 0.00	34.17 0.79 0.00	35.24 1.21 0.00	30.32 1.04 0.00	41.55 2.27 0.00	28.55 1.57 0.00
NEG CENTRAL___SENECA 23627	18.08 0.24 0.00	20.89 0.24 0.00	19.17 0.15 0.00	19.08 0.12 0.00	19.16 0.10 0.00	19.96 0.17 0.00	24.70 0.44 0.00	23.53 0.62 0.00	24.80 0.90 0.00	22.52 0.85 0.00	24.93 0.89 0.00	26.23 0.98 0.00	18.13 0.77 0.00	29.46 1.24 0.00	29.70 1.09 0.00	28.68 0.98 0.00	28.90 0.76 0.00	35.08 1.21 0.00	30.53 1.24 0.00	34.56 1.17 0.00	35.37 1.34 0.00	30.32 1.04 0.00	40.72 1.44 0.00	27.92 0.94 0.00
NEG CENTRAL___STATE_STREET 24147	18.19 0.34 0.00	20.99 0.34 0.00	19.30 0.28 0.00	19.24 0.27 0.00	19.33 0.26 0.00	20.11 0.32 0.00	24.77 0.51 0.00	23.49 0.58 0.00	24.76 0.86 0.00	22.40 0.73 0.00	24.79 0.75 0.00	26.10 0.84 0.00	17.90 0.54 0.00	29.24 1.02 0.00	29.45 0.84 0.00	28.57 0.87 0.00	28.94 0.79 0.00	35.00 1.13 0.00	30.34 1.05 0.00	34.39 1.00 0.00	35.16 1.12 0.00	30.13 0.85 0.00	40.39 1.10 0.00	27.70 0.72 0.00
NEG MILLWOOD___DRP 24198	19.11 1.26 0.00	21.87 1.22 0.00	20.07 1.05 0.00	20.02 1.06 0.00	20.19 1.12 0.00	20.93 1.15 0.00	25.72 1.46 0.00	24.55 1.64 0.00	25.65 1.75 0.00	24.19 1.62 -0.91	26.55 1.89 -0.61	27.25 2.00 0.00	29.93 1.38 -11.19	30.52 2.30 0.00	31.03 2.42 0.00	32.07 2.42 -1.95	30.73 2.58 0.00	37.25 3.38 0.00	32.13 2.84 0.00	36.02 2.64 0.00	36.66 2.63 0.00	31.47 2.19 0.00	42.29 3.01 0.00	29.07 2.09 0.00
NEG NORTH_FLCN_SEA 23793	17.26 -0.59 0.00	20.13 -0.52 0.00	18.74 -0.28 0.00	18.57 -0.39 0.00	18.53 -0.54 0.00	19.24 -0.55 0.00	23.98 -0.28 0.00	22.68 -0.23 0.00	23.80 -0.09 0.00	21.71 0.05 0.00	24.04 0.00 0.00	25.20 -0.05 0.00	17.15 -0.21 0.00	27.63 -0.59 0.00	27.75 -0.86 0.00	26.94 -0.76 0.00	27.37 -0.77 0.00	32.72 -0.65 0.50	28.89 -0.41 0.00	33.42 0.03 0.00	33.93 -0.10 0.00	28.94 -0.34 0.00	38.22 -1.06 0.00	25.93 -1.05 0.00
NEG NORTH_KES_CHATEGAY 23792	17.13 -0.72 0.00	19.98 -0.67 0.00	18.55 -0.47 0.00	18.39 -0.58 0.00	18.35 -0.72 0.00	19.12 -0.67 0.00	23.78 -0.49 0.00	22.43 -0.48 0.00	23.57 -0.32 0.00	21.44 -0.23 0.00	23.75 -0.30 0.00	24.93 -0.31 0.00	17.01 -0.35 0.00	27.35 -0.87 0.00	27.46 -1.16 0.00	26.67 -1.03 0.00	27.12 -1.03 0.00	32.19 -1.10 0.58	28.43 -0.86 0.00	33.03 -0.36 0.00	33.50 -0.54 0.00	28.64 -0.64 0.00	37.80 -1.48 0.00	25.71 -1.26 0.00



NEG NORTH___ALICE_FALLS 23915	17.24 -0.61 0.00	20.09 -0.56 0.00	18.69 -0.33 0.00	18.51 -0.45 0.00	18.47 -0.60 0.00	19.19 -0.59 0.00	23.93 -0.33 0.00	22.63 -0.28 0.00	23.75 -0.15 0.00	21.64 -0.03 0.00	23.96 -0.08 0.00	25.11 -0.14 0.00	17.09 -0.27 0.00	27.55 -0.67 0.00	27.66 -0.96 0.00	26.85 -0.85 0.00	27.31 -0.83 0.00	32.64 -0.72 0.51	28.86 -0.43 0.00	33.42 0.04 0.00	33.93 -0.10 0.00	28.95 -0.33 0.00	38.21 -1.07 0.00	25.91 -1.07 0.00
NEG NORTH___LWR_SARANAC 23913	17.24 -0.61 0.00	20.09 -0.56 0.00	18.69 -0.33 0.00	18.51 -0.45 0.00	18.47 -0.60 0.00	19.19 -0.59 0.00	23.93 -0.33 0.00	22.63 -0.28 0.00	23.75 -0.15 0.00	21.64 -0.03 0.00	23.96 -0.08 0.00	25.11 -0.14 0.00	17.09 -0.27 0.00	27.55 -0.67 0.00	27.66 -0.96 0.00	26.85 -0.85 0.00	27.31 -0.83 0.00	32.64 -0.72 0.51	28.86 -0.43 0.00	33.42 0.04 0.00	33.93 -0.10 0.00	28.95 -0.33 0.00	38.21 -1.07 0.00	25.91 -1.07 0.00
NEG NORTH___PLATTSBURG 23628	17.23 -0.61 0.00	20.09 -0.56 0.00	18.69 -0.33 0.00	18.51 -0.45 0.00	18.47 -0.60 0.00	19.19 -0.59 0.00	23.94 -0.33 0.00	22.63 -0.28 0.00	23.75 -0.15 0.00	21.64 -0.03 0.00	23.96 -0.08 0.00	25.11 -0.14 0.00	17.08 -0.27 0.00	27.55 -0.67 0.00	27.66 -0.96 0.00	26.85 -0.85 0.00	27.31 -0.83 0.00	32.64 -0.72 0.51	28.86 -0.43 0.00	33.42 0.04 0.00	33.93 -0.10 0.00	28.95 -0.33 0.00	38.21 -1.07 0.00	25.92 -1.06 0.00
NEG WEST_LEA_LOCKPORT 23791	17.84 -0.01 0.00	20.72 0.08 0.00	19.03 0.01 0.00	18.75 -0.21 0.00	18.67 -0.40 0.00	19.52 -0.26 0.00	24.26 -0.01 0.00	22.97 0.06 0.00	24.18 0.29 0.00	22.04 0.37 0.00	24.39 0.34 0.00	25.82 0.57 0.00	17.84 0.48 0.00	29.01 0.79 0.00	29.48 0.86 0.00	28.39 0.69 0.00	28.54 0.40 0.00	34.70 0.83 0.00	30.15 0.85 0.00	33.86 0.48 0.00	34.94 0.91 0.00	30.14 0.86 0.00	40.40 1.12 0.00	27.97 0.99 0.00
NEG WEST___LANCASTR 23811	18.22 0.38 0.00	21.11 0.46 0.00	19.37 0.36 0.00	19.16 0.19 0.00	19.12 0.05 0.00	19.95 0.16 0.00	24.78 0.52 0.00	23.56 0.65 0.00	24.80 0.91 0.00	22.61 0.95 0.00	25.01 0.96 0.00	26.40 1.15 0.00	17.95 0.59 0.00	29.60 1.38 0.00	30.15 1.54 0.00	29.05 1.35 0.00	29.23 1.08 0.00	35.58 1.71 0.00	30.87 1.57 0.00	34.60 1.22 0.00	35.66 1.63 0.00	30.68 1.40 0.00	41.35 2.07 0.00	28.45 1.48 0.00
NEG_PENN_ALLEGHNY 23528	18.15 0.30 0.00	20.93 0.28 0.00	19.23 0.21 0.00	19.17 0.21 0.00	19.28 0.21 0.00	20.01 0.23 0.00	24.70 0.44 0.00	23.48 0.57 0.00	24.57 0.67 0.00	22.31 0.64 0.00	24.69 0.64 0.00	25.92 0.67 0.00	17.79 0.43 0.00	29.06 0.84 0.00	29.53 0.91 0.00	28.59 0.89 0.00	28.95 0.81 0.00	35.08 1.22 0.00	30.38 1.09 0.00	34.27 0.89 0.00	35.06 1.03 0.00	30.06 0.78 0.00	40.55 1.27 0.00	27.78 0.81 0.00
NEG___GEN_MONROE 24207	18.17 0.32 0.00	21.00 0.35 0.00	19.32 0.30 0.00	19.12 0.15 0.00	19.10 0.03 0.00	19.96 0.17 0.00	24.66 0.40 0.00	23.39 0.48 0.00	24.47 0.58 0.00	22.27 0.60 0.00	24.62 0.58 0.00	26.02 0.77 0.00	18.38 1.03 0.00	29.45 1.24 0.00	29.86 1.24 0.00	28.76 1.06 0.00	29.04 0.89 0.00	35.15 1.29 0.00	30.52 1.23 0.00	34.56 1.17 0.00	35.48 1.44 0.00	30.53 1.25 0.00	40.94 1.66 0.00	28.14 1.16 0.00
NEPA___ENERGY 23901	18.17 0.32 0.00	20.98 0.33 0.00	19.23 0.21 0.00	19.08 0.11 0.00	19.10 0.03 0.00	19.87 0.09 0.00	24.80 0.53 0.00	23.67 0.76 0.00	24.91 1.01 0.00	22.72 1.05 0.00	25.11 1.07 0.00	26.47 1.22 0.00	18.03 0.67 0.00	29.68 1.46 0.00	30.23 1.62 0.00	29.12 1.42 0.00	29.33 1.19 0.00	35.75 1.88 0.00	30.99 1.69 0.00	34.58 1.20 0.00	35.67 1.64 0.00	30.52 1.24 0.00	41.47 2.19 0.00	28.44 1.47 0.00
NEVERSINK___HYD 23608	18.68 0.84 0.00	21.41 0.76 0.00	19.65 0.63 0.00	19.59 0.62 0.00	19.75 0.68 0.00	20.47 0.69 0.00	25.17 0.90 0.00	24.00 1.09 0.00	25.07 1.18 0.00	22.25 0.94 0.36	24.30 0.49 0.24	25.78 0.53 0.00	13.19 0.30 4.47	28.78 0.56 0.00	29.42 0.80 0.00	27.89 0.96 0.78	29.24 1.10 0.00	35.53 1.66 0.00	30.65 1.36 0.00	34.48 1.10 0.00	35.05 1.02 0.00	30.22 0.93 0.00	41.39 2.11 0.00	28.46 1.49 0.00
NEWKRMKL_115KV_TB1 55635	18.36 0.52 0.00	21.15 0.50 0.00	19.46 0.44 0.00	19.46 0.49 0.00	19.60 0.53 0.00	20.31 0.52 0.00	24.80 0.54 0.00	23.50 0.59 0.00	24.49 0.59 0.00	22.73 0.50 -0.56	25.00 0.57 -0.38	25.82 0.57 0.00	24.68 0.40 -6.92	28.94 0.72 0.00	29.29 0.67 0.00	29.54 0.64 -1.20	28.93 0.79 0.00	35.06 1.19 0.00	30.30 1.00 0.00	34.30 0.91 0.00	34.93 0.90 0.00	29.94 0.66 0.00	40.26 0.98 0.00	27.62 0.64 0.00
NEWTON___FALLS_HYD 23847	16.94 -0.91 0.00	19.62 -1.03 0.00	18.29 -0.73 0.00	18.24 -0.73 0.00	18.33 -0.74 0.00	19.05 -0.73 0.00	23.32 -0.95 0.00	21.88 -1.03 0.00	22.69 -1.21 0.00	20.60 -1.07 0.00	22.89 -1.15 0.00	23.93 -1.31 0.00	16.38 -0.98 0.00	26.46 -1.76 0.00	26.93 -1.68 0.00	26.04 -1.66 0.00	26.41 -1.74 0.00	29.11 -2.03 2.73	27.86 -1.44 0.00	32.13 -1.26 0.00	32.68 -1.35 0.00	27.93 -1.35 0.00	37.24 -2.04 0.00	25.47 -1.51 0.00
NGRID_A1_DSASP 323792	17.58 -0.27 0.00	20.39 -0.26 0.00	18.67 -0.35 0.00	18.40 -0.57 0.00	18.30 -0.77 0.00	19.14 -0.64 0.00	23.77 -0.49 0.00	22.49 -0.42 0.00	23.67 -0.22 0.00	21.57 -0.10 0.00	23.86 -0.18 0.00	25.27 0.03 0.00	17.49 0.13 0.00	28.36 0.14 0.00	28.83 0.21 0.00	27.76 0.05 0.00	27.87 -0.27 0.00	33.84 -0.03 0.00	29.39 0.09 0.00	33.01 -0.37 0.00	34.11 0.08 0.00	29.44 0.17 0.00	39.49 0.21 0.00	27.49 0.51 0.00
NGRID_A2_DSASP 323793	17.58 -0.27 0.00	20.39 -0.26 0.00	18.67 -0.35 0.00	18.40 -0.57 0.00	18.30 -0.77 0.00	19.14 -0.64 0.00	23.77 -0.49 0.00	22.49 -0.42 0.00	23.67 -0.22 0.00	21.57 -0.10 0.00	23.86 -0.18 0.00	25.27 0.03 0.00	17.49 0.13 0.00	28.36 0.14 0.00	28.83 0.21 0.00	27.76 0.05 0.00	27.87 -0.27 0.00	33.84 -0.03 0.00	29.39 0.09 0.00	33.01 -0.37 0.00	34.11 0.08 0.00	29.44 0.17 0.00	39.49 0.21 0.00	27.49 0.51 0.00
NGRID_A4_DSASP 323807	17.57 -0.27 0.00	20.39 -0.26 0.00	18.67 -0.35 0.00	18.40 -0.57 0.00	18.30 -0.77 0.00	19.14 -0.64 0.00	23.77 -0.49 0.00	22.49 -0.42 0.00	23.67 -0.22 0.00	21.56 -0.10 0.00	23.86 -0.19 0.00	25.27 0.02 0.00	17.48 0.12 0.00	28.36 0.13 0.00	28.82 0.20 0.00	27.75 0.05 0.00	27.86 -0.28 0.00	33.84 -0.03 0.00	29.38 0.09 0.00	33.02 -0.37 0.00	34.09 0.06 0.00	29.45 0.17 0.00	39.49 0.21 0.00	27.49 0.51 0.00
NIAGARA_115E_LBMP 323715	17.52 -0.32 0.00	20.37 -0.28 0.00	18.72 -0.30 0.00	18.44 -0.53 0.00	18.35 -0.72 0.00	19.20 -0.59 0.00	23.85 -0.41 0.00	22.57 -0.34 0.00	23.75 -0.14 0.00	21.65 -0.02 0.00	23.95 -0.10 0.00	25.36 0.12 0.00	17.53 0.17 0.00	28.46 0.24 0.00	28.93 0.31 0.00	27.86 0.16 0.00	27.98 -0.17 0.00	33.99 0.12 0.00	29.54 0.24 0.00	33.18 -0.21 0.00	34.27 0.24 0.00	29.56 0.28 0.00	39.65 0.37 0.00	27.49 0.52 0.00

NIAGARA_115W_LBMP 323714	17.53 -0.31 0.00	20.33 -0.32 0.00	18.62 -0.39 0.00	18.34 -0.62 0.00	18.25 -0.82 0.00	19.09 -0.70 0.00	23.71 -0.55 0.00	22.43 -0.48 0.00	23.61 -0.29 0.00	21.51 -0.16 0.00	23.80 -0.25 0.00	25.20 -0.05 0.00	17.44 0.07 0.00	28.28 0.06 0.00	28.74 0.12 0.00	27.67 -0.03 0.00	27.79 -0.36 0.00	33.74 -0.13 0.00	29.30 0.00 0.00	32.91 -0.47 0.00	34.00 -0.03 0.00	29.36 0.08 0.00	39.38 0.09 0.00	27.43 0.45 0.00
NIAGARA_230_LBMP 323716	17.67 -0.18 0.00	20.52 -0.13 0.00	18.84 -0.18 0.00	18.58 -0.39 0.00	18.49 -0.57 0.00	19.33 -0.45 0.00	23.98 -0.28 0.00	22.70 -0.21 0.00	23.89 0.00 0.00	21.76 0.09 0.00	24.07 0.03 0.00	25.48 0.24 0.00	17.58 0.22 0.00	28.59 0.37 0.00	29.07 0.45 0.00	28.00 0.30 0.00	28.13 -0.01 0.00	34.20 0.33 0.00	29.69 0.40 0.00	33.36 -0.03 0.00	34.44 0.40 0.00	29.70 0.42 0.00	39.88 0.60 0.00	27.62 0.64 0.00
NIAGARA__115KV_198_GIBSON 55903	17.53 -0.31 0.00	20.33 -0.32 0.00	18.63 -0.39 0.00	18.34 -0.62 0.00	18.25 -0.81 0.00	19.09 -0.70 0.00	23.71 -0.55 0.00	22.42 -0.49 0.00	23.61 -0.28 0.00	21.50 -0.16 0.00	23.79 -0.25 0.00	25.20 -0.05 0.00	17.43 0.07 0.00	28.27 0.05 0.00	28.73 0.12 0.00	27.66 -0.04 0.00	27.77 -0.37 0.00	33.73 -0.14 0.00	29.29 -0.01 0.00	32.91 -0.48 0.00	33.99 -0.05 0.00	29.35 0.07 0.00	39.37 0.09 0.00	27.43 0.45 0.00
NIAGARA____ 23760	17.58 -0.26 0.00	20.42 -0.23 0.00	18.73 -0.29 0.00	18.46 -0.51 0.00	18.37 -0.70 0.00	19.22 -0.57 0.00	23.86 -0.40 0.00	22.58 -0.33 0.00	23.77 -0.12 0.00	21.66 -0.01 0.00	23.95 -0.09 0.00	25.41 0.16 0.00	17.58 0.22 0.00	28.59 0.37 0.00	29.07 0.45 0.00	28.00 0.30 0.00	28.13 -0.01 0.00	34.20 0.33 0.00	29.69 0.40 0.00	33.36 -0.03 0.00	34.44 0.40 0.00	29.70 0.42 0.00	39.88 0.60 0.00	27.62 0.64 0.00
NINE_MILE_1 23575	17.39 -0.46 0.00	20.09 -0.56 0.00	18.50 -0.52 0.00	18.43 -0.54 0.00	18.52 -0.55 0.00	19.24 -0.55 0.00	23.63 -0.63 0.00	22.32 -0.59 0.00	23.24 -0.66 0.00	21.08 -0.59 0.00	23.38 -0.66 0.00	24.58 -0.67 0.00	16.90 -0.46 0.00	27.51 -0.71 0.00	27.88 -0.74 0.00	26.99 -0.71 0.00	27.40 -0.75 0.00	33.07 -0.80 0.00	28.63 -0.66 0.00	32.53 -0.85 0.00	33.20 -0.84 0.00	28.52 -0.76 0.00	38.28 -1.00 0.00	26.31 -0.67 0.00
NINE_MILE_2 23744	17.39 -0.46 0.00	20.09 -0.56 0.00	18.50 -0.52 0.00	18.43 -0.54 0.00	18.52 -0.55 0.00	19.24 -0.55 0.00	23.63 -0.63 0.00	22.32 -0.58 0.00	23.24 -0.66 0.00	21.08 -0.59 0.00	23.38 -0.66 0.00	24.58 -0.67 0.00	16.90 -0.46 0.00	27.51 -0.71 0.00	27.88 -0.74 0.00	26.99 -0.71 0.00	27.40 -0.75 0.00	33.06 -0.80 0.00	28.63 -0.66 0.00	32.53 -0.85 0.00	33.20 -0.84 0.00	28.52 -0.76 0.00	38.28 -1.00 0.00	26.31 -0.67 0.00
NM_CAPITAL____DRP 24208	18.43 0.58 0.00	21.22 0.58 0.00	19.53 0.51 0.00	19.53 0.56 0.00	19.67 0.60 0.00	20.38 0.60 0.00	24.88 0.61 0.00	23.55 0.64 0.00	24.54 0.65 0.00	22.79 0.55 -0.57	25.08 0.65 -0.38	25.88 0.63 0.00	24.80 0.44 -7.00	28.98 0.76 0.00	29.34 0.73 0.00	29.59 0.67 -1.22	28.98 0.83 0.00	35.12 1.25 0.00	30.35 1.06 0.00	34.37 0.98 0.00	35.00 0.97 0.00	30.00 0.72 0.00	40.38 1.10 0.00	27.70 0.72 0.00
NM_CENTRAL____DRP 24181	17.78 -0.07 0.00	20.53 -0.12 0.00	18.88 -0.14 0.00	18.81 -0.15 0.00	18.91 -0.16 0.00	19.65 -0.13 0.00	24.17 -0.09 0.00	22.88 -0.03 0.00	23.85 -0.04 0.00	21.65 -0.02 0.00	24.04 0.00 0.00	25.28 0.03 0.00	17.36 0.00 0.00	28.31 0.09 0.00	28.66 0.04 0.00	27.74 0.04 0.00	28.16 0.01 0.00	34.00 0.14 0.00	29.45 0.16 0.00	33.42 0.03 0.00	34.11 0.08 0.00	29.27 -0.01 0.00	39.30 0.02 0.00	27.01 0.04 0.00
NM_FRONTIER____DRP 24179	17.53 -0.31 0.00	20.33 -0.32 0.00	18.63 -0.39 0.00	18.34 -0.62 0.00	18.25 -0.81 0.00	19.09 -0.70 0.00	23.71 -0.55 0.00	22.42 -0.49 0.00	23.61 -0.28 0.00	21.50 -0.16 0.00	23.79 -0.25 0.00	25.20 -0.05 0.00	17.43 0.07 0.00	28.27 0.05 0.00	28.73 0.12 0.00	27.66 -0.04 0.00	27.77 -0.37 0.00	33.73 -0.14 0.00	29.29 -0.01 0.00	32.91 -0.48 0.00	33.99 -0.05 0.00	29.35 0.07 0.00	39.37 0.09 0.00	27.43 0.45 0.00
NM_ST_REGIS____HYD 24053	16.99 -0.86 0.00	19.78 -0.87 0.00	18.42 -0.60 0.00	18.32 -0.64 0.00	18.36 -0.71 0.00	19.09 -0.69 0.00	23.39 -0.87 0.00	21.94 -0.97 0.00	22.92 -0.98 0.00	20.82 -0.85 0.00	23.10 -0.94 0.00	24.25 -1.00 0.00	16.65 -0.71 0.00	26.87 -1.35 0.00	27.13 -1.48 0.00	26.31 -1.39 0.00	26.71 -1.44 0.00	30.72 -1.85 1.30	27.78 -1.52 0.00	32.19 -1.20 0.00	32.80 -1.24 0.00	28.18 -1.10 0.00	37.38 -1.90 0.00	25.52 -1.46 0.00
NORTHPORT____1 23551	19.47 1.62 0.00	22.27 1.62 0.00	20.42 1.40 0.00	20.35 1.39 0.00	20.50 1.44 0.00	21.30 1.51 0.00	26.19 1.93 0.00	25.00 2.09 0.00	26.03 2.14 0.00	26.26 1.91 -2.68	28.56 2.33 -2.19	32.12 2.46 -4.41	51.78 1.62 -32.81	38.54 2.64 -7.68	38.87 2.70 -7.55	43.72 2.56 -13.46	48.28 2.66 -17.48	53.91 3.40 -16.64	43.75 2.87 -11.58	37.12 2.59 -1.15	37.26 2.60 -0.62	38.62 2.50 -6.83	43.96 3.43 -1.25	30.48 2.65 -0.86
NORTHPORT____2 23552	19.47 1.62 0.00	22.27 1.62 0.00	20.42 1.40 0.00	20.35 1.39 0.00	20.50 1.44 0.00	21.30 1.51 0.00	26.19 1.93 0.00	25.00 2.09 0.00	26.03 2.14 0.00	26.26 1.91 -2.68	28.56 2.33 -2.19	32.12 2.46 -4.41	51.78 1.62 -32.81	38.54 2.64 -7.68	38.87 2.70 -7.55	43.72 2.56 -13.46	48.28 2.66 -17.48	53.91 3.40 -16.64	43.75 2.87 -11.58	37.12 2.59 -1.15	37.26 2.60 -0.62	38.62 2.50 -6.83	43.96 3.43 -1.25	30.48 2.65 -0.86
NORTHPORT____3 23553	19.28 1.43 0.00	22.04 1.39 0.00	20.20 1.19 0.00	20.13 1.17 0.00	20.28 1.22 0.00	21.07 1.28 0.00	25.92 1.65 0.00	24.77 1.86 0.00	25.79 1.89 0.00	26.06 1.71 -2.68	28.33 2.10 -2.19	31.87 2.24 -4.38	51.57 1.59 -32.62	32.02 2.61 -1.19	33.58 2.70 -2.26	30.12 2.62 0.20	31.09 2.73 -0.22	33.62 3.46 3.71	32.52 2.96 -0.27	33.18 2.64 2.85	34.89 2.56 1.70	33.48 2.38 -1.82	43.58 3.05 -1.25	30.21 2.37 -0.86
NORTHPORT____4 23650	19.28 1.43 0.00	22.04 1.39 0.00	20.20 1.19 0.00	20.13 1.17 0.00	20.28 1.22 0.00	21.07 1.28 0.00	25.92 1.65 0.00	24.77 1.86 0.00	25.79 1.89 0.00	26.06 1.71 -2.68	28.33 2.10 -2.19	31.87 2.24 -4.38	51.57 1.59 -32.62	32.02 2.61 -1.19	33.58 2.70 -2.26	30.12 2.62 0.20	31.09 2.73 -0.22	33.62 3.46 3.71	32.52 2.96 -0.27	33.18 2.64 2.85	34.89 2.56 1.70	33.48 2.38 -1.82	43.58 3.05 -1.25	30.21 2.37 -0.86
NORTHPORT____IC 23718	19.47 1.62 0.00	22.27 1.62 0.00	20.42 1.40 0.00	20.35 1.39 0.00	20.50 1.44 0.00	21.30 1.51 0.00	26.19 1.93 0.00	25.00 2.09 0.00	26.03 2.14 0.00	26.26 1.91 -2.68	28.56 2.33 -2.19	32.12 2.46 -4.41	51.78 1.62 -32.81	38.54 2.64 -7.68	38.87 2.70 -7.55	43.72 2.56 -13.46	48.28 2.66 -17.48	53.91 3.40 -16.64	43.75 2.87 -11.58	37.12 2.59 -1.15	37.26 2.60 -0.62	38.62 2.50 -6.83	43.96 3.43 -1.25	30.48 2.65 -0.86

NORTH____COUNTRY_ESR 323785	17.09 -0.76 0.00	19.94 -0.71 0.00	18.51 -0.51 0.00	18.35 -0.62 0.00	18.31 -0.76 0.00	19.07 -0.72 0.00	23.73 -0.54 0.00	22.38 -0.54 0.00	23.53 -0.37 0.00	21.40 -0.27 0.00	23.71 -0.33 0.00	24.90 -0.35 0.00	16.97 -0.39 0.00	27.31 -0.91 0.00	27.41 -1.21 0.00	26.62 -1.08 0.00	27.05 -1.09 0.00	32.11 -1.18 0.58	28.37 -0.92 0.00	32.95 -0.43 0.00	33.41 -0.62 0.00	28.57 -0.71 0.00	37.70 -1.57 0.00	25.64 -1.34 0.00
NPX_GEN_1385_PROXY 323591	19.04 1.19 0.00	21.95 1.30 0.00	20.17 1.15 0.00	20.34 1.38 0.00	20.47 1.41 0.00	21.21 1.42 0.00	26.00 1.73 0.00	24.68 1.77 0.00	25.76 1.87 0.00	26.00 1.65 -2.68	27.89 1.66 -2.19	31.40 1.74 -4.41	51.37 1.21 -32.81	38.00 2.10 -7.68	37.90 1.74 -7.55	42.78 1.61 -13.46	38.93 1.65 -9.13	52.78 2.27 -16.64	42.70 1.82 -11.58	24.26 1.38 10.51	36.23 1.58 -0.62	37.71 1.60 -6.83	42.69 2.16 -1.25	29.59 1.75 -0.86
NPX_GEN_CSC 323557	19.96 2.11 0.00	22.79 2.14 0.00	20.89 1.87 0.00	20.78 1.81 0.00	20.92 1.86 0.00	21.76 1.97 0.00	26.77 2.51 0.00	25.61 2.70 0.00	26.64 2.75 0.00	26.79 2.44 -2.68	29.16 2.93 -2.19	33.06 3.18 -4.63	56.27 2.16 -36.75	94.25 3.54 -62.49	84.53 3.68 -52.23	160.09 3.54 -128.85	188.38 3.68 -156.55	194.34 4.69 -155.78	132.95 3.99 -99.67	64.51 3.83 -27.29	51.09 3.84 -13.21	82.02 3.56 -49.19	45.28 4.74 -1.25	31.27 3.44 -0.86
NSINS_S_GLNS_FALLS 23858	18.76 0.92 0.00	21.47 0.82 0.00	19.80 0.78 0.00	19.84 0.87 0.00	19.99 0.92 0.00	20.60 0.82 0.00	25.24 0.98 0.00	23.87 0.96 0.00	24.86 0.96 0.00	23.02 0.81 -0.54	25.23 0.82 -0.37	26.05 0.80 0.00	24.65 0.57 -6.72	29.35 1.13 0.00	29.68 1.07 0.00	30.08 1.22 -1.17	29.58 1.43 0.00	35.97 2.10 0.00	31.22 1.92 0.00	35.32 1.94 0.00	35.97 1.94 0.00	30.92 1.64 0.00	41.58 2.30 0.00	28.35 1.37 0.00
NUCOR_STEEL____DRP 24197	18.05 0.20 0.00	20.82 0.17 0.00	19.15 0.14 0.00	19.09 0.12 0.00	19.18 0.11 0.00	19.93 0.15 0.00	24.56 0.30 0.00	23.29 0.38 0.00	24.54 0.64 0.00	22.19 0.52 0.00	24.64 0.59 0.00	25.91 0.66 0.00	17.83 0.47 0.00	29.14 0.92 0.00	29.21 0.59 0.00	28.32 0.62 0.00	28.69 0.54 0.00	34.68 0.81 0.00	30.07 0.78 0.00	34.09 0.70 0.00	34.85 0.82 0.00	29.87 0.59 0.00	40.06 0.78 0.00	27.48 0.50 0.00
NUMBER_THREE_WT_PWR 323818	17.23 -0.62 0.00	19.89 -0.75 0.00	18.49 -0.53 0.00	18.49 -0.48 0.00	18.63 -0.44 0.00	19.36 -0.43 0.00	23.74 -0.52 0.00	22.33 -0.58 0.00	23.05 -0.84 0.00	20.98 -0.68 0.00	23.38 -0.67 0.00	24.38 -0.87 0.00	16.60 -0.75 0.00	26.83 -1.39 0.00	27.40 -1.22 0.00	26.41 -1.29 0.00	26.75 -1.39 0.00	27.41 -1.38 5.08	28.65 -0.64 0.00	32.87 -0.52 0.00	33.28 -0.76 0.00	28.26 -1.02 0.00	37.83 -1.45 0.00	25.94 -1.03 0.00
NYISO_LBMP_REFERENCE 24008	17.85 0.00 0.00	20.65 0.00 0.00	19.02 0.00 0.00	18.97 0.00 0.00	19.07 0.00 0.00	19.79 0.00 0.00	24.26 0.00 0.00	22.91 0.00 0.00	23.89 0.00 0.00	21.67 0.00 0.00	24.04 0.00 0.00	25.25 0.00 0.00	17.36 0.00 0.00	28.22 0.00 0.00	28.62 0.00 0.00	27.70 0.00 0.00	28.15 0.00 0.00	33.87 0.00 0.00	29.30 0.00 0.00	33.39 0.00 0.00	34.03 0.00 0.00	29.28 0.00 0.00	39.28 0.00 0.00	26.98 0.00 0.00
NYPA_BRENTWD____GT 24164	19.74 1.89 0.00	22.56 1.91 0.00	20.68 1.66 0.00	20.59 1.63 0.00	20.75 1.68 0.00	21.55 1.77 0.00	26.53 2.26 0.00	25.35 2.44 0.00	26.41 2.51 0.00	26.61 2.26 -2.68	28.96 2.72 -2.19	32.61 2.91 -4.45	62.60 1.96 -43.27	49.36 3.23 -17.91	47.83 3.32 -15.89	65.68 2.97 -35.00	74.24 3.04 -43.06	73.96 3.88 -36.21	54.97 3.29 -22.39	41.37 3.03 -4.95	39.67 3.06 -2.58	47.09 3.07 -14.74	44.76 4.23 -1.25	30.97 3.14 -0.86
NYPA_GOWANUS____GT5 24156	19.11 1.27 0.00	21.82 1.17 0.00	20.04 1.02 0.00	19.97 1.00 0.00	20.13 1.06 0.00	20.88 1.10 0.00	25.68 1.41 0.00	24.55 1.64 0.00	25.66 1.76 0.00	25.75 1.64 -2.45	27.62 1.92 -1.66	27.32 2.07 0.00	49.05 1.43 -30.26	30.54 2.33 0.00	-66.82 2.48 97.92	-375.00 2.45 405.16	-1144.11 2.56 1174.81	-119.08 3.31 156.26	32.07 2.78 0.00	35.82 2.44 0.00	36.50 2.46 0.00	31.48 2.20 0.00	42.19 2.91 0.00	29.08 2.10 0.00
NYPA_GOWANUS____GT6 24157	19.11 1.27 0.00	21.82 1.17 0.00	20.04 1.02 0.00	19.97 1.00 0.00	20.13 1.06 0.00	20.88 1.10 0.00	25.68 1.41 0.00	24.55 1.64 0.00	25.66 1.76 0.00	25.75 1.64 -2.45	27.62 1.92 -1.66	27.32 2.07 0.00	49.05 1.43 -30.26	30.54 2.33 0.00	-66.82 2.48 97.92	-375.00 2.45 405.16	-1144.11 2.56 1174.81	-119.08 3.31 156.26	32.07 2.78 0.00	35.82 2.44 0.00	36.50 2.46 0.00	31.48 2.20 0.00	42.19 2.91 0.00	29.08 2.10 0.00
NYPA_HARLEM_RVR_GT1 24160	19.09 1.24 0.00	21.77 1.12 0.00	20.04 1.02 0.00	19.96 0.99 0.00	20.11 1.04 0.00	20.86 1.07 0.00	25.63 1.37 0.00	24.51 1.60 0.00	25.60 1.71 0.00	25.68 1.56 -2.45	27.52 1.82 -1.66	27.21 1.96 0.00	48.95 1.33 -30.25	30.42 2.20 0.00	30.99 2.37 0.00	35.27 2.30 -5.26	30.56 2.41 0.00	37.01 3.14 0.00	31.96 2.66 0.00	35.67 2.28 0.00	36.36 2.33 0.00	31.42 2.14 0.00	42.12 2.84 0.00	29.03 2.05 0.00
NYPA_HARLEM_RVR_GT2 24161	19.09 1.24 0.00	21.77 1.12 0.00	20.04 1.02 0.00	19.96 0.99 0.00	20.11 1.04 0.00	20.86 1.07 0.00	25.63 1.37 0.00	24.51 1.60 0.00	25.60 1.71 0.00	25.68 1.56 -2.45	27.52 1.82 -1.66	27.21 1.96 0.00	48.95 1.33 -30.25	30.42 2.20 0.00	30.99 2.37 0.00	35.27 2.30 -5.26	30.56 2.41 0.00	37.01 3.14 0.00	31.96 2.66 0.00	35.67 2.28 0.00	36.36 2.33 0.00	31.42 2.14 0.00	42.12 2.84 0.00	29.03 2.05 0.00
NYPA_KENT____GT 24152	19.09 1.25 0.00	21.80 1.15 0.00	20.02 1.00 0.00	19.95 0.99 0.00	20.12 1.05 0.00	20.86 1.08 0.00	25.67 1.40 0.00	24.54 1.63 0.00	25.65 1.76 0.00	25.75 1.63 -2.45	27.61 1.91 -1.66	27.29 2.04 0.00	49.02 1.41 -30.26	30.51 2.29 0.00	31.07 2.45 0.00	35.38 2.41 -5.26	30.76 2.50 -0.11	37.08 3.21 0.00	31.99 2.69 0.00	35.73 2.35 0.00	36.41 2.38 0.00	31.44 2.15 0.00	42.14 2.86 0.00	29.04 2.07 0.00
NYPA_POUCH1____GT 24155	19.09 1.24 0.00	21.80 1.16 0.00	20.02 1.01 0.00	19.95 0.99 0.00	20.11 1.04 0.00	20.86 1.08 0.00	25.65 1.39 0.00	24.51 1.60 0.00	25.61 1.72 0.00	25.62 1.58 -2.37	27.57 1.87 -1.66	27.27 2.02 0.00	48.85 1.41 -30.08	30.49 2.27 0.00	31.03 2.42 0.00	35.34 2.37 -5.26	30.83 2.50 -0.19	37.10 3.23 0.00	32.00 2.70 0.00	35.73 2.35 0.00	36.41 2.38 0.00	31.44 2.15 0.00	42.16 2.88 0.00	29.09 2.11 0.00
NYPA_VERNON____GT2 24162	19.06 1.21 0.00	21.76 1.11 0.00	19.99 0.97 0.00	19.92 0.96 0.00	20.09 1.02 0.00	20.84 1.05 0.00	25.64 1.37 0.00	24.50 1.59 0.00	25.63 1.73 0.00	25.73 1.62 -2.45	27.58 1.88 -1.66	27.25 1.99 0.00	48.98 1.37 -30.25	30.46 2.24 0.00	31.00 2.39 0.00	35.32 2.35 -5.26	30.62 2.45 -0.03	37.01 3.14 0.00	31.91 2.62 0.00	35.66 2.27 0.00	36.33 2.30 0.00	31.37 2.09 0.00	42.06 2.78 0.00	28.98 2.00 0.00

NYPA_VERNON____GT3 24163	19.06 1.21 0.00	21.76 1.11 0.00	19.99 0.97 0.00	19.92 0.96 0.00	20.09 1.02 0.00	20.84 1.05 0.00	25.64 1.37 0.00	24.50 1.59 0.00	25.63 1.73 0.00	25.73 1.62 -2.45	27.58 1.88 -1.66	27.25 1.99 0.00	48.98 1.37 -30.25	30.46 2.24 0.00	31.00 2.39 0.00	35.32 2.35 -5.26	30.62 2.45 -0.03	37.01 3.14 0.00	31.91 2.62 0.00	35.66 2.27 0.00	36.33 2.30 0.00	31.37 2.09 0.00	42.06 2.78 0.00	28.98 2.00 0.00
NYPA____ASTORIA_CC1 323568	19.03 1.18 0.00	21.73 1.08 0.00	19.96 0.94 0.00	19.89 0.93 0.00	20.06 0.99 0.00	20.80 1.02 0.00	25.59 1.33 0.00	24.47 1.56 0.00	25.58 1.69 0.00	25.68 1.57 -2.45	27.54 1.84 -1.66	27.20 1.95 0.00	48.96 1.34 -30.25	30.41 2.19 0.00	30.96 2.35 0.00	35.27 2.30 -5.26	30.55 2.40 0.00	36.94 3.07 0.00	31.87 2.58 0.00	35.60 2.22 0.00	36.28 2.25 0.00	31.32 2.04 0.00	41.98 2.70 0.00	28.93 1.95 0.00
NYPA____ASTORIA_CC2 323569	19.03 1.18 0.00	21.73 1.08 0.00	19.96 0.94 0.00	19.89 0.93 0.00	20.06 0.99 0.00	20.80 1.02 0.00	25.59 1.33 0.00	24.47 1.56 0.00	25.58 1.69 0.00	25.68 1.57 -2.45	27.54 1.84 -1.66	27.20 1.95 0.00	48.96 1.34 -30.25	30.41 2.19 0.00	30.96 2.35 0.00	35.27 2.30 -5.26	30.55 2.40 0.00	36.94 3.07 0.00	31.87 2.58 0.00	35.60 2.22 0.00	36.28 2.25 0.00	31.32 2.04 0.00	41.98 2.70 0.00	28.93 1.95 0.00
NYPA____HOLTSVILL 23794	19.70 1.85 0.00	22.51 1.87 0.00	20.64 1.62 0.00	20.54 1.58 0.00	20.69 1.62 0.00	21.51 1.72 0.00	26.46 2.20 0.00	25.29 2.38 0.00	26.31 2.41 0.00	26.48 2.12 -2.68	28.81 2.58 -2.19	32.66 2.78 -4.63	55.87 1.87 -36.65	92.84 3.04 -61.59	83.24 3.14 -51.49	157.63 2.99 -126.94	185.32 3.09 -154.09	171.59 3.93 -133.78	109.06 3.33 -76.44	60.46 3.10 -23.98	50.01 3.14 -12.83	80.73 2.96 -48.48	44.53 4.00 -1.25	30.82 2.99 -0.86
NYPA____HELLGATE_GT1 24158	19.09 1.24 0.00	21.77 1.12 0.00	20.04 1.02 0.00	19.96 0.99 0.00	20.11 1.04 0.00	20.86 1.07 0.00	25.63 1.37 0.00	24.48 1.57 0.00	25.58 1.68 0.00	25.65 1.53 -2.45	27.48 1.78 -1.66	27.17 1.92 0.00	48.92 1.31 -30.25	30.39 2.17 0.00	30.96 2.35 0.00	35.24 2.28 -5.26	30.56 2.41 0.00	37.01 3.14 0.00	31.96 2.66 0.00	35.67 2.28 0.00	36.36 2.33 0.00	31.42 2.14 0.00	42.12 2.84 0.00	29.03 2.05 0.00
NYPA____HELLGATE_GT2 24159	19.09 1.24 0.00	21.77 1.12 0.00	20.04 1.02 0.00	19.96 0.99 0.00	20.11 1.04 0.00	20.86 1.07 0.00	25.63 1.37 0.00	24.48 1.57 0.00	25.58 1.68 0.00	25.65 1.53 -2.45	27.48 1.78 -1.66	27.17 1.92 0.00	48.92 1.31 -30.25	30.39 2.17 0.00	30.96 2.35 0.00	35.24 2.28 -5.26	30.56 2.41 0.00	37.01 3.14 0.00	31.96 2.66 0.00	35.67 2.28 0.00	36.36 2.33 0.00	31.42 2.14 0.00	42.12 2.84 0.00	29.03 2.05 0.00
NYS_BARGE____HYD 23848	17.83 -0.01 0.00	20.72 0.07 0.00	19.02 0.00 0.00	18.74 -0.22 0.00	18.66 -0.41 0.00	19.52 -0.26 0.00	24.26 -0.01 0.00	22.97 0.06 0.00	24.18 0.28 0.00	22.04 0.37 0.00	24.39 0.34 0.00	25.83 0.58 0.00	17.86 0.50 0.00	29.04 0.82 0.00	29.50 0.88 0.00	28.42 0.72 0.00	28.58 0.43 0.00	34.73 0.86 0.00	30.18 0.88 0.00	33.90 0.51 0.00	34.99 0.95 0.00	30.16 0.88 0.00	40.41 1.13 0.00	27.98 1.00 0.00
OAK ORCHARD____HYD 24046	18.00 0.15 0.00	20.82 0.17 0.00	19.12 0.10 0.00	18.96 -0.01 0.00	18.98 -0.09 0.00	19.79 0.01 0.00	24.45 0.19 0.00	23.17 0.26 0.00	24.25 0.36 0.00	22.06 0.39 0.00	24.45 0.40 0.00	25.85 0.60 0.00	17.83 0.47 0.00	29.06 0.84 0.00	29.56 0.94 0.00	28.57 0.87 0.00	28.91 0.77 0.00	35.06 1.19 0.00	30.43 1.14 0.00	34.38 1.00 0.00	35.20 1.17 0.00	30.24 0.96 0.00	40.49 1.21 0.00	27.84 0.86 0.00
OAKDALE____35_KV_LOAD 356122	18.10 0.25 0.00	20.87 0.22 0.00	19.18 0.16 0.00	19.13 0.16 0.00	19.23 0.16 0.00	19.96 0.17 0.00	24.62 0.36 0.00	23.40 0.49 0.00	24.47 0.57 0.00	22.22 0.55 0.00	24.61 0.57 0.00	25.83 0.58 0.00	17.73 0.37 0.00	28.95 0.73 0.00	29.42 0.80 0.00	28.47 0.77 0.00	28.84 0.69 0.00	34.93 1.06 0.00	30.25 0.96 0.00	34.11 0.73 0.00	34.90 0.87 0.00	29.94 0.65 0.00	40.38 1.10 0.00	27.68 0.70 0.00
OCC_CHEM____DRP 24175	17.57 -0.27 0.00	20.39 -0.26 0.00	18.67 -0.35 0.00	18.40 -0.57 0.00	18.30 -0.77 0.00	19.14 -0.64 0.00	23.77 -0.49 0.00	22.49 -0.42 0.00	23.67 -0.22 0.00	21.56 -0.10 0.00	23.86 -0.19 0.00	25.27 0.02 0.00	17.48 0.12 0.00	28.36 0.13 0.00	28.82 0.20 0.00	27.75 0.05 0.00	27.86 -0.28 0.00	33.84 -0.03 0.00	29.38 0.09 0.00	33.02 -0.37 0.00	34.09 0.06 0.00	29.45 0.17 0.00	39.49 0.21 0.00	27.49 0.51 0.00
OH_GEN_PROXY 24063	17.69 -0.16 0.00	20.54 -0.11 0.00	18.86 -0.16 0.00	18.61 -0.36 0.00	18.53 -0.54 0.00	19.36 -0.43 0.00	24.02 -0.25 0.00	22.74 -0.17 0.00	23.94 0.05 0.00	21.80 0.14 0.00	24.11 0.06 0.00	25.52 0.27 0.00	17.59 0.23 0.00	28.62 0.40 0.00	29.11 0.50 0.00	28.04 0.33 0.00	28.18 0.03 0.00	34.25 0.38 0.00	29.73 0.44 0.00	33.40 0.01 0.00	34.47 0.44 0.00	29.73 0.45 0.00	39.93 0.65 0.00	27.62 0.64 0.00
OLIN_CORP_DRP 24177	17.56 -0.28 0.00	20.41 -0.24 0.00	18.76 -0.26 0.00	18.48 -0.49 0.00	18.39 -0.68 0.00	19.24 -0.55 0.00	23.90 -0.37 0.00	22.61 -0.30 0.00	23.80 -0.10 0.00	21.68 0.01 0.00	23.98 -0.06 0.00	25.40 0.15 0.00	17.56 0.20 0.00	28.51 0.29 0.00	28.97 0.36 0.00	27.91 0.21 0.00	28.03 -0.12 0.00	34.07 0.20 0.00	29.59 0.30 0.00	33.24 -0.14 0.00	34.32 0.29 0.00	29.62 0.34 0.00	39.74 0.45 0.00	27.54 0.56 0.00
OLIN_CORP_DSASP 323712	17.58 -0.27 0.00	20.39 -0.26 0.00	18.67 -0.35 0.00	18.40 -0.57 0.00	18.30 -0.77 0.00	19.14 -0.64 0.00	23.77 -0.49 0.00	22.49 -0.42 0.00	23.67 -0.22 0.00	21.57 -0.10 0.00	23.86 -0.18 0.00	25.27 0.03 0.00	17.49 0.13 0.00	28.36 0.14 0.00	28.83 0.21 0.00	27.76 0.05 0.00	27.87 -0.27 0.00	33.84 -0.03 0.00	29.39 0.09 0.00	33.01 -0.37 0.00	34.11 0.08 0.00	29.44 0.17 0.00	39.49 0.21 0.00	27.49 0.51 0.00
ONEIDA_HERK_LFGE 323681	17.78 -0.07 0.00	20.54 -0.11 0.00	18.98 -0.04 0.00	18.94 -0.02 0.00	19.07 0.01 0.00	19.81 0.02 0.00	24.34 0.07 0.00	22.97 0.06 0.00	23.86 -0.03 0.00	21.67 0.01 0.00	24.11 0.07 0.00	25.25 0.01 0.00	17.31 -0.05 0.00	28.12 -0.10 0.00	28.56 -0.06 0.00	27.58 -0.12 0.00	28.01 -0.14 0.00	35.69 0.02 -1.80	29.59 0.30 0.00	33.79 0.40 0.00	34.33 0.29 0.00	29.34 0.06 0.00	39.29 0.01 0.00	26.93 -0.05 0.00
ONEIDA____115KV_TB4 55905	18.13 0.29 0.00	20.93 0.28 0.00	19.29 0.28 0.00	19.24 0.27 0.00	19.36 0.29 0.00	20.12 0.34 0.00	24.76 0.50 0.00	23.43 0.52 0.00	24.42 0.53 0.00	22.14 0.47 0.00	24.60 0.56 0.00	25.83 0.58 0.00	17.76 0.40 0.00	28.93 0.70 0.00	29.35 0.74 0.00	28.39 0.69 0.00	28.84 0.70 0.00	35.48 1.01 -0.60	30.29 1.00 0.00	34.49 1.10 0.00	35.18 1.15 0.00	30.11 0.83 0.00	40.34 1.07 0.00	27.64 0.66 0.00

ONONDAGA_REF_OCCRA 23987	17.89 0.04 0.00	20.65 0.00 0.00	18.99 -0.03 0.00	18.92 -0.04 0.00	19.02 -0.05 0.00	19.77 -0.02 0.00	24.32 0.06 0.00	23.03 0.12 0.00	24.01 0.12 0.00	21.79 0.13 0.00	24.19 0.14 0.00	25.43 0.18 0.00	17.48 0.12 0.00	28.50 0.28 0.00	28.86 0.24 0.00	27.95 0.25 0.00	28.37 0.22 0.00	34.27 0.40 0.00	29.69 0.39 0.00	33.68 0.30 0.00	34.39 0.35 0.00	29.50 0.22 0.00	39.61 0.33 0.00	27.20 0.22 0.00
ONONDAGA___COGEN 23986	17.87 0.02 0.00	20.63 -0.01 0.00	18.98 -0.04 0.00	18.90 -0.07 0.00	19.00 -0.07 0.00	19.76 -0.03 0.00	24.30 0.03 0.00	23.00 0.09 0.00	23.95 0.05 0.00	21.72 0.06 0.00	24.14 0.09 0.00	25.38 0.12 0.00	17.50 0.14 0.00	28.46 0.24 0.00	28.82 0.21 0.00	27.91 0.21 0.00	28.32 0.18 0.00	34.20 0.33 0.00	29.64 0.35 0.00	33.62 0.24 0.00	34.32 0.29 0.00	29.44 0.16 0.00	39.51 0.23 0.00	27.13 0.15 0.00
ONTARIO___LFGE 23819	18.08 0.24 0.00	20.89 0.24 0.00	19.17 0.15 0.00	19.08 0.12 0.00	19.16 0.10 0.00	19.96 0.17 0.00	24.70 0.44 0.00	23.53 0.62 0.00	24.80 0.90 0.00	22.52 0.85 0.00	24.93 0.89 0.00	26.23 0.97 0.00	18.13 0.77 0.00	29.46 1.24 0.00	29.71 1.09 0.00	28.68 0.98 0.00	28.90 0.76 0.00	35.08 1.21 0.00	30.53 1.24 0.00	34.56 1.17 0.00	35.37 1.34 0.00	30.32 1.04 0.00	40.72 1.44 0.00	27.92 0.94 0.00
ORANGEVILLE_WT_PWR 323706	17.92 0.08 0.00	20.83 0.18 0.00	19.08 0.07 0.00	18.88 -0.09 0.00	18.84 -0.23 0.00	19.66 -0.12 0.00	24.41 0.14 0.00	23.25 0.34 0.00	24.51 0.61 0.00	22.37 0.70 0.00	24.71 0.66 0.00	26.04 0.79 0.00	17.79 0.43 0.00	28.96 0.74 0.00	29.39 0.78 0.00	28.30 0.60 0.00	28.51 0.36 0.00	34.78 0.91 0.00	30.24 0.94 0.00	34.10 0.72 0.00	35.19 1.16 0.00	30.30 1.02 0.00	40.75 1.47 0.00	28.01 1.03 0.00
ORANGEVILLE___ESR 323794	17.92 0.08 0.00	20.83 0.18 0.00	19.08 0.07 0.00	18.88 -0.09 0.00	18.84 -0.23 0.00	19.66 -0.12 0.00	24.41 0.14 0.00	23.25 0.34 0.00	24.51 0.61 0.00	22.37 0.70 0.00	24.71 0.66 0.00	26.04 0.79 0.00	17.79 0.43 0.00	28.96 0.74 0.00	29.39 0.78 0.00	28.30 0.60 0.00	28.51 0.36 0.00	34.78 0.91 0.00	30.24 0.94 0.00	34.10 0.72 0.00	35.19 1.16 0.00	30.30 1.02 0.00	40.75 1.47 0.00	28.01 1.03 0.00
OSWEGATCHIE___HYD 24044	16.94 -0.90 0.00	19.62 -1.03 0.00	18.29 -0.73 0.00	18.24 -0.73 0.00	18.33 -0.74 0.00	19.05 -0.73 0.00	23.31 -0.95 0.00	21.88 -1.03 0.00	22.69 -1.21 0.00	20.60 -1.07 0.00	22.89 -1.15 0.00	23.93 -1.31 0.00	16.38 -0.98 0.00	26.46 -1.76 0.00	26.93 -1.68 0.00	26.04 -1.66 0.00	26.41 -1.74 0.00	29.10 -2.04 2.73	27.86 -1.44 0.00	32.13 -1.26 0.00	32.68 -1.35 0.00	27.93 -1.35 0.00	37.23 -2.05 0.00	25.47 -1.51 0.00
OSWEGO___5 23606	17.56 -0.28 0.00	20.28 -0.36 0.00	18.67 -0.35 0.00	18.60 -0.37 0.00	18.70 -0.37 0.00	19.42 -0.37 0.00	23.87 -0.40 0.00	22.56 -0.35 0.00	23.50 -0.40 0.00	21.31 -0.36 0.00	23.65 -0.40 0.00	24.85 -0.39 0.00	17.10 -0.26 0.00	27.82 -0.40 0.00	28.20 -0.41 0.00	27.30 -0.40 0.00	27.71 -0.44 0.00	33.45 -0.41 0.00	28.98 -0.31 0.00	32.91 -0.48 0.00	33.58 -0.45 0.00	28.85 -0.43 0.00	38.73 -0.55 0.00	26.61 -0.36 0.00
OSWEGO___6 23613	17.56 -0.28 0.00	20.28 -0.36 0.00	18.67 -0.35 0.00	18.60 -0.37 0.00	18.70 -0.37 0.00	19.42 -0.37 0.00	23.87 -0.40 0.00	22.56 -0.35 0.00	23.50 -0.40 0.00	21.31 -0.36 0.00	23.65 -0.40 0.00	24.85 -0.39 0.00	17.10 -0.26 0.00	27.82 -0.40 0.00	28.20 -0.41 0.00	27.30 -0.40 0.00	27.71 -0.44 0.00	33.45 -0.41 0.00	28.98 -0.31 0.00	32.91 -0.48 0.00	33.58 -0.45 0.00	28.85 -0.43 0.00	38.73 -0.55 0.00	26.61 -0.36 0.00
OUTOKUMPU-AB___DRP 24206	18.00 0.16 0.00	20.88 0.23 0.00	19.15 0.13 0.00	18.88 -0.09 0.00	18.79 -0.27 0.00	19.67 -0.12 0.00	24.44 0.17 0.00	23.16 0.25 0.00	24.39 0.49 0.00	22.25 0.58 0.00	24.65 0.61 0.00	26.10 0.85 0.00	18.10 0.75 0.00	29.35 1.13 0.00	29.84 1.23 0.00	28.74 1.03 0.00	28.89 0.75 0.00	35.12 1.25 0.00	30.50 1.20 0.00	34.21 0.82 0.00	35.28 1.25 0.00	30.41 1.13 0.00	40.81 1.53 0.00	28.23 1.25 0.00
OXBOW____ 24026	17.84 0.00 0.00	20.69 0.04 0.00	18.96 -0.06 0.00	18.68 -0.28 0.00	18.60 -0.47 0.00	19.46 -0.33 0.00	24.17 -0.09 0.00	22.89 -0.02 0.00	24.11 0.21 0.00	21.98 0.31 0.00	24.34 0.29 0.00	25.78 0.53 0.00	17.86 0.50 0.00	28.99 0.77 0.00	29.45 0.84 0.00	28.36 0.66 0.00	28.51 0.36 0.00	34.63 0.76 0.00	30.07 0.77 0.00	33.74 0.36 0.00	34.83 0.80 0.00	30.04 0.76 0.00	40.28 1.00 0.00	27.96 0.98 0.00
OXY_CHEM_DSASP 323612	17.57 -0.27 0.00	20.39 -0.26 0.00	18.67 -0.35 0.00	18.40 -0.57 0.00	18.30 -0.77 0.00	19.14 -0.64 0.00	23.77 -0.49 0.00	22.49 -0.42 0.00	23.67 -0.22 0.00	21.56 -0.10 0.00	23.86 -0.19 0.00	25.27 0.02 0.00	17.48 0.12 0.00	28.36 0.13 0.00	28.82 0.20 0.00	27.75 0.05 0.00	27.86 -0.28 0.00	33.84 -0.03 0.00	29.38 0.09 0.00	33.02 -0.37 0.00	34.09 0.06 0.00	29.45 0.17 0.00	39.49 0.21 0.00	27.49 0.51 0.00
OZONE_PARK_ESR 323760	19.25 1.40 0.00	21.97 1.32 0.00	20.16 1.15 0.00	20.09 1.13 0.00	20.27 1.20 0.00	21.01 1.23 0.00	25.86 1.59 0.00	24.72 1.81 0.00	25.85 1.96 0.00	25.94 1.82 -2.45	27.83 2.12 -1.66	27.51 2.26 0.00	49.17 1.55 -30.26	30.76 2.54 0.00	31.34 2.73 0.00	35.69 2.73 -5.26	30.97 2.83 0.00	37.50 3.63 0.00	32.33 3.03 0.00	36.16 2.77 0.00	36.83 2.80 0.00	31.72 2.44 0.00	42.57 3.29 0.00	29.31 2.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.57 -0.27 0.00	20.39 -0.26 0.00	18.67 -0.35 0.00	18.40 -0.57 0.00	18.30 -0.77 0.00	19.14 -0.64 0.00	23.77 -0.49 0.00	22.49 -0.42 0.00	23.67 -0.22 0.00	21.56 -0.10 0.00	23.86 -0.19 0.00	25.27 0.02 0.00	17.48 0.12 0.00	28.36 0.13 0.00	28.82 0.20 0.00	27.75 0.05 0.00	27.86 -0.28 0.00	33.84 -0.03 0.00	29.38 0.09 0.00	33.02 -0.37 0.00	34.09 0.06 0.00	29.45 0.17 0.00	39.49 0.21 0.00	27.49 0.51 0.00
PACKARD___115KV_DUPONT_184 80571	17.57 -0.27 0.00	20.39 -0.26 0.00	18.67 -0.35 0.00	18.40 -0.57 0.00	18.30 -0.77 0.00	19.14 -0.64 0.00	23.77 -0.49 0.00	22.49 -0.42 0.00	23.67 -0.22 0.00	21.56 -0.10 0.00	23.86 -0.19 0.00	25.27 0.02 0.00	17.48 0.12 0.00	28.36 0.13 0.00	28.82 0.20 0.00	27.75 0.05 0.00	27.86 -0.28 0.00	33.84 -0.03 0.00	29.38 0.09 0.00	33.02 -0.37 0.00	34.09 0.06 0.00	29.45 0.17 0.00	39.49 0.21 0.00	27.49 0.51 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.06 1.21 0.00	21.76 1.12 0.00	20.03 1.01 0.00	19.96 0.99 0.00	20.11 1.04 0.00	20.86 1.07 0.00	25.64 1.38 0.00	24.50 1.60 0.00	25.59 1.70 0.00	25.66 1.54 -2.45	27.50 1.80 -1.66	27.19 1.95 0.00	48.94 1.33 -30.25	30.40 2.18 0.00	30.96 2.35 0.00	35.24 2.28 -5.26	30.56 2.41 0.00	37.00 3.13 0.00	31.95 2.65 0.00	35.68 2.29 0.00	36.36 2.33 0.00	31.39 2.11 0.00	42.03 2.75 0.00	28.97 1.99 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.05 1.21 0.00	21.75 1.10 0.00	20.04 1.02 0.00	19.97 1.00 0.00	20.13 1.06 0.00	20.88 1.09 0.00	25.65 1.39 0.00	24.48 1.58 0.00	25.58 1.68 0.00	25.61 1.50 -2.45	27.50 1.80 -1.66	27.19 1.95 0.00	48.97 1.36 -30.25	30.44 2.22 0.00	30.94 2.32 0.00	35.22 2.26 -5.26	30.55 2.41 0.00	37.01 3.14 0.00	31.98 2.69 0.00	35.73 2.34 0.00	36.41 2.38 0.00	31.42 2.14 0.00	42.06 2.78 0.00	29.00 2.03 0.00
PATROON__115KV_TB1 80586	18.42 0.57 0.00	21.22 0.57 0.00	19.52 0.50 0.00	19.52 0.55 0.00	19.66 0.59 0.00	20.37 0.59 0.00	24.88 0.62 0.00	23.58 0.67 0.00	24.56 0.67 0.00	22.80 0.57 -0.56	25.09 0.67 -0.38	25.92 0.67 0.00	24.74 0.47 -6.91	29.05 0.83 0.00	29.40 0.79 0.00	29.65 0.75 -1.20	29.05 0.90 0.00	35.20 1.33 0.00	30.42 1.12 0.00	34.41 1.03 0.00	35.06 1.03 0.00	30.05 0.77 0.00	40.40 1.12 0.00	27.72 0.74 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.23 0.38 0.00	21.12 0.48 0.00	19.38 0.36 0.00	19.15 0.19 0.00	19.10 0.03 0.00	19.95 0.16 0.00	24.79 0.53 0.00	23.56 0.64 0.00	24.82 0.92 0.00	22.64 0.97 0.00	25.05 1.01 0.00	26.47 1.23 0.00	18.05 0.69 0.00	29.71 1.50 0.00	30.27 1.65 0.00	29.17 1.47 0.00	29.35 1.20 0.00	35.73 1.86 0.00	31.00 1.70 0.00	34.74 1.36 0.00	35.80 1.77 0.00	30.80 1.52 0.00	41.44 2.16 0.00	28.55 1.57 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.11 1.26 0.00	21.87 1.22 0.00	20.07 1.05 0.00	20.02 1.06 0.00	20.19 1.12 0.00	20.93 1.15 0.00	25.72 1.46 0.00	24.55 1.64 0.00	25.65 1.75 0.00	24.19 1.62 -0.91	26.55 1.89 -0.61	27.25 2.00 0.00	29.93 1.38 -11.19	30.52 2.30 0.00	31.03 2.42 0.00	32.07 2.42 -1.95	30.73 2.58 0.00	37.25 3.38 0.00	32.13 2.84 0.00	36.02 2.64 0.00	36.66 2.63 0.00	31.47 2.19 0.00	42.29 3.01 0.00	29.07 2.09 0.00
PEEKSKILL____ 23653	18.91 1.06 0.00	21.63 0.99 0.00	19.86 0.84 0.00	19.81 0.84 0.00	19.99 0.92 0.00	20.72 0.93 0.00	25.45 1.19 0.00	24.30 1.39 0.00	25.37 1.47 0.00	25.87 1.36 -2.85	27.56 1.59 -1.93	26.92 1.67 0.00	53.72 1.15 -35.21	30.12 1.90 0.00	30.64 2.03 0.00	35.85 2.02 -6.13	30.28 2.13 0.00	36.67 2.80 0.00	31.63 2.34 0.00	35.45 2.07 0.00	36.11 2.08 0.00	31.04 1.76 0.00	41.69 2.41 0.00	28.71 1.74 0.00
PGE MADISON__WINDPWR 24146	18.81 0.96 0.00	21.69 1.04 0.00	20.00 0.98 0.00	19.97 1.00 0.00	20.01 0.94 0.00	21.01 1.23 0.00	26.05 1.79 0.00	24.76 1.85 0.00	25.80 1.91 0.00	23.22 1.55 0.00	25.68 1.64 0.00	26.85 1.60 0.00	18.67 1.31 0.00	30.20 1.98 0.00	30.61 2.00 0.00	29.82 2.12 0.00	30.45 2.31 0.00	37.25 3.38 0.00	32.41 3.12 0.00	36.70 3.31 0.00	37.56 3.53 0.00	32.03 2.75 0.00	42.85 3.57 0.00	29.34 2.36 0.00
PIERCEFIELD__HYD 23852	16.88 -0.96 0.00	19.66 -0.99 0.00	18.33 -0.69 0.00	18.25 -0.71 0.00	18.30 -0.76 0.00	19.03 -0.76 0.00	23.21 -1.05 0.00	21.74 -1.17 0.00	22.68 -1.21 0.00	20.58 -1.09 0.00	22.85 -1.20 0.00	23.97 -1.27 0.00	16.50 -0.86 0.00	26.65 -1.57 0.00	26.96 -1.65 0.00	26.13 -1.56 0.00	26.50 -1.65 0.00	30.27 -2.17 1.43	27.50 -1.79 0.00	31.85 -1.53 0.00	32.48 -1.56 0.00	27.93 -1.35 0.00	37.11 -2.17 0.00	25.37 -1.61 0.00
PINELAWN_CC_1 323563	19.56 1.71 0.00	22.35 1.70 0.00	20.48 1.47 0.00	20.40 1.43 0.00	20.55 1.48 0.00	21.35 1.57 0.00	26.28 2.02 0.00	25.11 2.20 0.00	26.17 2.28 0.00	26.40 2.05 -2.68	28.68 2.45 -2.19	32.25 2.59 -4.41	53.75 1.78 -34.61	38.94 2.75 -7.97	39.23 2.82 -7.79	44.47 2.67 -14.09	48.68 2.73 -17.81	51.44 3.53 -14.04	42.40 2.99 -10.12	36.70 2.69 -0.62	36.96 2.68 -0.25	39.03 2.68 -7.07	44.41 3.88 -1.25	30.70 2.87 -0.86
PJM_GEN_HTP_PROXY 323702	19.00 1.15 0.00	21.70 1.05 0.00	19.93 0.91 0.00	19.87 0.90 0.00	20.04 0.98 0.00	20.77 0.99 0.00	25.54 1.28 0.00	23.62 1.50 0.79	25.52 1.62 0.00	25.64 1.52 -2.45	27.50 1.80 -1.66	27.15 1.91 0.00	48.93 1.31 -30.27	30.36 2.14 0.00	30.91 2.29 0.00	35.25 2.29 -5.27	30.54 2.39 0.00	36.95 3.09 0.00	31.86 2.56 0.00	35.62 2.24 0.00	36.28 2.25 0.00	31.25 1.97 0.00	41.73 2.68 0.22	28.89 1.91 0.00
PJM_GEN_KEystone 24065	18.35 0.51 0.00	21.09 0.44 0.00	19.35 0.33 0.00	19.26 0.30 0.00	19.38 0.32 0.00	20.12 0.34 0.00	24.86 0.60 0.00	22.92 0.79 0.79	24.83 0.94 0.00	18.95 0.90 3.61	22.65 0.99 2.39	26.29 1.04 0.00	-25.77 0.66 43.79	29.45 1.24 0.00	29.97 1.35 0.00	21.40 1.28 7.58	29.37 1.22 0.00	35.62 1.75 0.00	32.32 1.50 -1.53	26.05 1.08 8.42	35.29 1.26 0.00	30.32 1.04 0.00	40.67 1.61 0.22	28.15 1.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.22 1.38 0.00	21.97 1.32 0.00	20.15 1.13 0.00	20.07 1.11 0.00	20.23 1.16 0.00	21.01 1.22 0.00	25.84 1.57 0.00	23.86 1.74 0.79	25.69 1.80 0.00	26.00 1.65 -2.68	28.25 2.02 -2.19	31.76 2.10 -4.40	52.13 1.46 -33.31	36.76 2.37 -6.17	37.44 2.50 -6.33	40.44 2.44 -10.30	44.09 2.56 -13.39	48.46 3.29 -11.31	40.68 2.77 -8.62	35.96 2.48 -0.10	36.50 2.47 0.00	37.24 2.28 -5.67	43.34 3.03 -1.02	30.14 2.31 -0.86
PJM_GEN_VFT_PROXY 323633	18.91 1.06 0.00	21.60 0.95 0.00	19.83 0.82 0.00	19.77 0.80 0.00	19.94 0.88 0.00	20.66 0.88 0.00	25.42 1.15 0.00	23.50 1.37 0.79	25.37 1.48 0.00	24.27 1.39 -1.21	27.35 1.65 -1.66	27.01 1.76 0.00	45.97 1.21 -27.40	30.20 1.98 0.00	30.73 2.12 0.00	35.09 2.13 -5.26	30.35 2.20 0.00	36.73 2.86 0.00	31.66 2.37 0.00	35.42 2.03 0.00	36.09 2.06 0.00	31.09 1.81 0.00	41.47 2.41 0.22	28.75 1.77 0.00
PLATSBURG_115KV_PMLD1 355749	17.25 -0.60 0.00	20.11 -0.54 0.00	18.72 -0.30 0.00	18.56 -0.41 0.00	18.51 -0.55 0.00	19.22 -0.57 0.00	23.96 -0.31 0.00	22.66 -0.25 0.00	23.77 -0.12 0.00	21.69 0.02 0.00	24.01 -0.03 0.00	25.17 -0.08 0.00	17.13 -0.23 0.00	27.60 -0.62 0.00	27.72 -0.89 0.00	26.91 -0.80 0.00	27.34 -0.80 0.00	32.67 -0.70 0.50	28.86 -0.44 0.00	33.38 0.00 0.00	33.89 -0.14 0.00	28.90 -0.38 0.00	38.17 -1.11 0.00	25.90 -1.07 0.00
PLEASANTVLY__LBMP 24000	18.82 0.98 0.00	21.56 0.92 0.00	19.81 0.79 0.00	19.77 0.80 0.00	19.94 0.87 0.00	20.66 0.88 0.00	25.35 1.08 0.00	24.15 1.24 0.00	25.20 1.31 0.00	24.00 1.20 -1.13	26.21 1.40 -0.76	26.70 1.45 0.00	32.34 0.99 -13.99	29.84 1.62 0.00	30.32 1.70 0.00	31.82 1.68 -2.43	29.96 1.81 0.00	36.29 2.42 0.00	31.32 2.03 0.00	35.19 1.80 0.00	35.83 1.80 0.00	30.79 1.51 0.00	41.46 2.18 0.00	28.55 1.58 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.98 1.13 0.00	21.71 1.06 0.00	19.92 0.90 0.00	19.86 0.90 0.00	20.04 0.97 0.00	20.78 1.00 0.00	25.54 1.28 0.00	24.36 1.45 0.00	25.45 1.56 0.00	25.03 1.44 -1.92	27.04 1.70 -1.30	27.03 1.78 0.00	42.27 1.20 -23.70	30.23 2.02 0.00	30.76 2.14 0.00	33.96 2.14 -4.12	30.41 2.26 0.00	36.83 2.96 0.00	31.77 2.47 0.00	35.59 2.21 0.00	36.24 2.21 0.00	31.17 1.89 0.00	41.89 2.61 0.00	28.83 1.85 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.98 1.13 0.00	21.71 1.06 0.00	19.92 0.90 0.00	19.86 0.90 0.00	20.04 0.97 0.00	20.78 1.00 0.00	25.54 1.28 0.00	24.36 1.45 0.00	25.45 1.56 0.00	25.03 1.44 -1.92	27.04 1.70 -1.30	27.03 1.78 0.00	42.27 1.20 -23.70	30.23 2.02 0.00	30.76 2.14 0.00	33.96 2.14 -4.12	30.41 2.26 0.00	36.83 2.96 0.00	31.77 2.47 0.00	35.59 2.21 0.00	36.24 2.21 0.00	31.17 1.89 0.00	41.89 2.61 0.00	28.83 1.85 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.98 1.13 0.00	21.72 1.07 0.00	19.95 0.93 0.00	19.91 0.94 0.00	20.08 1.01 0.00	20.81 1.03 0.00	25.54 1.28 0.00	24.35 1.44 0.00	25.41 1.52 0.00	23.63 1.39 -0.57	26.04 1.61 -0.39	26.92 1.67 0.00	25.63 1.18 -7.09	30.13 1.91 0.00	30.62 2.01 0.00	30.94 2.00 -1.23	30.31 2.17 0.00	36.77 2.90 0.00	31.74 2.45 0.00	35.66 2.27 0.00	36.29 2.26 0.00	31.15 1.87 0.00	41.91 2.63 0.00	28.84 1.86 0.00
POLETTI____ 23519	19.00 1.15 0.00	21.70 1.05 0.00	19.92 0.90 0.00	19.86 0.89 0.00	20.03 0.97 0.00	20.77 0.98 0.00	25.53 1.27 0.00	24.40 1.49 0.00	25.50 1.61 0.00	25.63 1.51 -2.45	27.47 1.77 -1.66	27.13 1.88 0.00	48.91 1.29 -30.26	30.33 2.11 0.00	30.89 2.28 0.00	35.23 2.26 -5.26	30.51 2.36 0.00	36.91 3.04 0.00	31.82 2.53 0.00	35.59 2.21 0.00	36.26 2.23 0.00	31.23 1.95 0.00	41.93 2.65 0.00	28.88 1.91 0.00
POMONA____ESR 323819	18.89 1.04 0.00	21.61 0.96 0.00	19.83 0.82 0.00	19.79 0.82 0.00	19.97 0.90 0.00	20.69 0.91 0.00	25.45 1.18 0.00	24.29 1.38 0.00	25.36 1.47 0.00	19.72 1.34 3.29	23.39 1.57 2.23	26.89 1.64 0.00	-22.16 1.14 40.65	30.12 1.90 0.00	30.64 2.03 0.00	22.66 2.03 7.07	30.29 2.15 0.00	36.67 2.80 0.00	31.63 2.34 0.00	35.45 2.06 0.00	36.10 2.07 0.00	31.01 1.73 0.00	41.60 2.32 0.00	28.66 1.68 0.00
PORT_JEFF_3 23555	19.70 1.85 0.00	22.52 1.87 0.00	20.64 1.62 0.00	20.54 1.57 0.00	20.69 1.62 0.00	21.51 1.72 0.00	26.46 2.20 0.00	25.29 2.38 0.00	26.26 2.37 0.00	26.46 2.10 -2.68	28.84 2.61 -2.19	32.70 2.81 -4.64	56.02 1.90 -36.76	95.16 3.04 -63.91	85.06 3.07 -53.38	162.40 2.87 -131.83	191.34 2.92 -160.27	178.64 3.66 -141.11	112.90 3.09 -80.51	61.71 2.91 -25.41	50.71 3.01 -13.67	82.45 2.89 -50.28	44.46 3.93 -1.25	30.80 2.97 -0.86
PORT_JEFF_4 23616	19.70 1.85 0.00	22.52 1.87 0.00	20.64 1.62 0.00	20.54 1.57 0.00	20.69 1.62 0.00	21.51 1.72 0.00	26.46 2.20 0.00	25.29 2.38 0.00	26.26 2.37 0.00	26.46 2.10 -2.68	28.84 2.61 -2.19	32.70 2.81 -4.64	56.02 1.90 -36.76	95.16 3.04 -63.91	85.06 3.07 -53.38	162.40 2.87 -131.83	191.34 2.92 -160.27	178.64 3.66 -141.11	112.90 3.09 -80.51	61.71 2.91 -25.41	50.71 3.01 -13.67	82.45 2.89 -50.28	44.46 3.93 -1.25	30.80 2.97 -0.86
PORT_JEFF_IC 23713	19.76 1.91 0.00	22.58 1.93 0.00	20.69 1.68 0.00	20.59 1.63 0.00	20.74 1.67 0.00	21.56 1.78 0.00	26.54 2.28 0.00	25.36 2.45 0.00	26.23 2.34 0.00	26.45 2.10 -2.68	28.92 2.69 -2.19	32.83 2.91 -4.67	56.38 1.97 -37.05	103.92 3.18 -72.51	92.19 3.17 -60.40	180.62 2.97 -149.95	214.25 3.02 -183.09	202.26 3.80 -164.59	124.39 3.22 -91.87	66.58 3.01 -30.18	53.78 3.09 -16.66	89.26 3.05 -56.93	44.66 4.12 -1.25	30.92 3.08 -0.86
PPL PILGRIM_ST_GT1 24216	19.74 1.89 0.00	22.56 1.91 0.00	20.68 1.66 0.00	20.59 1.63 0.00	20.75 1.68 0.00	21.55 1.77 0.00	26.53 2.26 0.00	25.35 2.44 0.00	26.41 2.51 0.00	26.61 2.26 -2.68	28.96 2.72 -2.19	32.61 2.91 -4.45	62.60 1.96 -43.27	49.36 3.23 -17.91	47.83 3.32 -15.89	65.68 2.97 -35.00	74.24 3.04 -43.06	73.96 3.88 -36.21	54.97 3.29 -22.39	41.37 3.03 -4.95	39.67 3.06 -2.58	47.09 3.07 -14.74	44.76 4.23 -1.25	30.97 3.14 -0.86
PPL PILGRIM_ST_GT2 24217	19.74 1.89 0.00	22.56 1.91 0.00	20.68 1.66 0.00	20.59 1.63 0.00	20.75 1.68 0.00	21.55 1.77 0.00	26.53 2.26 0.00	25.35 2.44 0.00	26.41 2.51 0.00	26.61 2.26 -2.68	28.96 2.72 -2.19	32.61 2.91 -4.45	62.60 1.96 -43.27	49.36 3.23 -17.91	47.83 3.32 -15.89	65.68 2.97 -35.00	74.24 3.04 -43.06	73.96 3.88 -36.21	54.97 3.29 -22.39	41.37 3.03 -4.95	39.67 3.06 -2.58	47.09 3.07 -14.74	44.76 4.23 -1.25	30.97 3.14 -0.86
PPL_SHRM_GT3 24213	19.96 2.11 0.00	22.79 2.14 0.00	20.89 1.87 0.00	20.77 1.80 0.00	20.92 1.85 0.00	21.75 1.97 0.00	26.77 2.51 0.00	25.60 2.69 0.00	26.66 2.77 0.00	26.79 2.44 -2.68	29.13 2.90 -2.19	33.05 3.16 -4.64	56.39 2.15 -36.88	96.69 3.53 -64.94	86.51 3.67 -54.23	165.25 3.54 -134.01	194.92 3.68 -163.09	193.61 4.69 -155.05	127.51 3.99 -94.22	64.83 3.84 -27.61	52.01 3.87 -14.11	83.90 3.55 -51.08	45.26 4.73 -1.25	31.26 3.42 -0.86
PPL_SHRM_GT4 24214	19.96 2.11 0.00	22.79 2.14 0.00	20.89 1.87 0.00	20.77 1.80 0.00	20.92 1.85 0.00	21.75 1.97 0.00	26.77 2.51 0.00	25.60 2.69 0.00	26.66 2.77 0.00	26.79 2.44 -2.68	29.13 2.90 -2.19	33.05 3.16 -4.64	56.39 2.15 -36.88	96.69 3.53 -64.94	86.51 3.67 -54.23	165.25 3.54 -134.01	194.92 3.68 -163.09	193.61 4.69 -155.05	127.51 3.99 -94.22	64.83 3.84 -27.61	52.01 3.87 -14.11	83.90 3.55 -51.08	45.26 4.73 -1.25	31.26 3.42 -0.86
PROJECT___ORANGE 1 24174	17.80 -0.05 0.00	20.55 -0.10 0.00	18.90 -0.12 0.00	18.83 -0.13 0.00	18.92 -0.14 0.00	19.67 -0.12 0.00	24.19 -0.07 0.00	22.90 -0.01 0.00	23.87 -0.02 0.00	21.68 0.01 0.00	24.06 0.02 0.00	25.31 0.06 0.00	17.38 0.02 0.00	28.35 0.13 0.00	28.69 0.08 0.00	27.78 0.07 0.00	28.19 0.05 0.00	34.04 0.17 0.00	29.49 0.19 0.00	33.45 0.06 0.00	34.14 0.11 0.00	29.30 0.02 0.00	39.34 0.06 0.00	27.04 0.06 0.00
PROJECT___ORANGE 2 24166	17.80 -0.05 0.00	20.55 -0.10 0.00	18.90 -0.12 0.00	18.83 -0.13 0.00	18.92 -0.14 0.00	19.67 -0.12 0.00	24.19 -0.07 0.00	22.90 -0.01 0.00	23.87 -0.02 0.00	21.68 0.01 0.00	24.06 0.02 0.00	25.31 0.06 0.00	17.38 0.02 0.00	28.35 0.13 0.00	28.69 0.08 0.00	27.78 0.07 0.00	28.19 0.05 0.00	34.04 0.17 0.00	29.49 0.19 0.00	33.45 0.06 0.00	34.14 0.11 0.00	29.30 0.02 0.00	39.34 0.06 0.00	27.04 0.06 0.00
PUCKETT___SOLAR 323809	18.32 0.47 0.00	21.12 0.47 0.00	19.41 0.40 0.00	19.36 0.39 0.00	19.46 0.39 0.00	20.24 0.45 0.00	24.98 0.72 0.00	23.74 0.83 0.00	24.75 0.86 0.00	22.37 0.71 0.00	24.64 0.59 0.00	25.83 0.58 0.00	17.78 0.41 0.00	29.00 0.78 0.00	29.52 0.90 0.00	28.76 1.06 0.00	29.16 1.02 0.00	35.34 1.47 0.00	30.73 1.44 0.00	34.74 1.35 0.00	35.56 1.53 0.00	30.46 1.18 0.00	41.02 1.74 0.00	28.09 1.11 0.00
PYRITES___HYD 24023	17.32 -0.53 0.00	20.16 -0.49 0.00	18.78 -0.24 0.00	18.71 -0.26 0.00	18.76 -0.31 0.00	19.52 -0.26 0.00	23.83 -0.43 0.00	22.31 -0.60 0.00	23.24 -0.65 0.00	21.08 -0.59 0.00	23.44 -0.61 0.00	24.60 -0.64 0.00	17.09 -0.27 0.00	27.50 -0.72 0.00	27.70 -0.91 0.00	26.86 -0.84 0.00	27.22 -0.93 0.00	31.18 -1.37 1.32	28.17 -1.12 0.00	32.68 -0.70 0.00	33.38 -0.65 0.00	28.73 -0.55 0.00	38.16 -1.12 0.00	26.06 -0.92 0.00

QUAKERRD_115KV_BK1 80622	17.49 -0.35 0.00	20.23 -0.42 0.00	18.59 -0.43 0.00	18.46 -0.51 0.00	18.50 -0.57 0.00	19.28 -0.51 0.00	23.78 -0.48 0.00	22.52 -0.39 0.00	23.57 -0.33 0.00	21.42 -0.24 0.00	23.77 -0.28 0.00	25.09 -0.16 0.00	17.31 -0.05 0.00	28.18 -0.04 0.00	28.63 0.02 0.00	27.69 -0.01 0.00	28.04 -0.11 0.00	33.96 0.09 0.00	29.47 0.18 0.00	33.32 -0.06 0.00	34.07 0.04 0.00	29.26 -0.02 0.00	39.16 -0.12 0.00	26.91 -0.07 0.00
QUENSBRY_115KV_TB8 356137	18.78 0.94 0.00	21.47 0.82 0.00	19.81 0.79 0.00	19.86 0.89 0.00	20.01 0.94 0.00	20.61 0.83 0.00	25.25 0.99 0.00	23.90 0.99 0.00	24.89 0.99 0.00	23.05 0.84 -0.54	25.24 0.82 -0.37	26.07 0.82 0.00	24.64 0.58 -6.70	29.38 1.16 0.00	29.72 1.11 0.00	30.16 1.30 -1.17	29.66 1.51 0.00	36.09 2.22 0.00	31.32 2.03 0.00	35.42 2.04 0.00	36.07 2.04 0.00	31.00 1.72 0.00	41.70 2.42 0.00	28.40 1.42 0.00
RAMAPO___LBMP 323565	18.82 0.97 0.00	21.54 0.89 0.00	19.77 0.75 0.00	19.72 0.75 0.00	19.91 0.84 0.00	20.63 0.85 0.00	25.36 1.10 0.00	24.20 1.29 0.00	25.26 1.37 0.00	19.76 1.25 3.16	23.37 1.46 2.14	26.79 1.54 0.00	-20.59 1.05 39.00	29.97 1.75 0.00	30.49 1.88 0.00	22.79 1.87 6.78	30.13 1.98 0.00	36.47 2.60 0.00	31.47 2.18 0.00	35.28 1.90 0.00	35.95 1.92 0.00	30.88 1.60 0.00	41.44 2.16 0.00	28.55 1.58 0.00
RANKINE____ 23646	18.12 0.27 0.00	21.02 0.37 0.00	19.28 0.26 0.00	19.04 0.07 0.00	18.97 -0.10 0.00	19.82 0.03 0.00	24.63 0.37 0.00	23.39 0.48 0.00	24.65 0.75 0.00	22.47 0.81 0.00	24.88 0.83 0.00	26.32 1.07 0.00	18.02 0.67 0.00	29.50 1.29 0.00	30.03 1.41 0.00	28.93 1.23 0.00	29.10 0.95 0.00	35.42 1.55 0.00	30.74 1.45 0.00	34.48 1.10 0.00	35.57 1.54 0.00	30.62 1.34 0.00	41.18 1.89 0.00	28.39 1.41 0.00
RAVENSWOOD_GT2_1 24244	19.03 1.18 0.00	21.74 1.09 0.00	19.95 0.93 0.00	19.89 0.93 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.58 1.32 0.00	24.45 1.53 0.00	25.55 1.65 0.00	25.66 1.55 -2.45	27.52 1.82 -1.66	27.17 1.92 0.00	48.93 1.31 -30.25	30.37 2.15 0.00	30.93 2.31 0.00	35.26 2.30 -5.26	30.54 2.40 0.00	36.97 3.10 0.00	31.87 2.58 0.00	35.66 2.27 0.00	36.31 2.28 0.00	31.28 2.00 0.00	42.00 2.72 0.00	28.92 1.94 0.00
RAVENSWOOD_GT2_2 24245	19.03 1.18 0.00	21.74 1.09 0.00	19.95 0.93 0.00	19.89 0.93 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.58 1.32 0.00	24.45 1.53 0.00	25.55 1.65 0.00	25.66 1.55 -2.45	27.52 1.82 -1.66	27.17 1.92 0.00	48.93 1.31 -30.25	30.37 2.15 0.00	30.93 2.31 0.00	35.26 2.30 -5.26	30.54 2.40 0.00	36.97 3.10 0.00	31.87 2.58 0.00	35.66 2.27 0.00	36.31 2.28 0.00	31.28 2.00 0.00	42.00 2.72 0.00	28.92 1.94 0.00
RAVENSWOOD_GT2_3 24246	19.04 1.19 0.00	21.75 1.10 0.00	19.96 0.95 0.00	19.90 0.94 0.00	20.08 1.01 0.00	20.81 1.03 0.00	25.59 1.33 0.00	24.46 1.55 0.00	25.56 1.67 0.00	25.68 1.56 -2.45	27.53 1.83 -1.66	27.19 1.94 0.00	48.94 1.33 -30.25	30.39 2.17 0.00	30.96 2.34 0.00	35.28 2.32 -5.26	30.57 2.42 0.00	36.99 3.12 0.00	31.89 2.60 0.00	35.68 2.29 0.00	36.34 2.31 0.00	31.31 2.03 0.00	42.01 2.73 0.00	28.94 1.97 0.00
RAVENSWOOD_GT2_4 24247	19.04 1.19 0.00	21.75 1.10 0.00	19.96 0.95 0.00	19.90 0.94 0.00	20.08 1.01 0.00	20.81 1.03 0.00	25.59 1.33 0.00	24.46 1.55 0.00	25.56 1.67 0.00	25.68 1.56 -2.45	27.53 1.83 -1.66	27.19 1.94 0.00	48.94 1.33 -30.25	30.39 2.17 0.00	30.96 2.34 0.00	35.28 2.32 -5.26	30.57 2.42 0.00	36.99 3.12 0.00	31.89 2.60 0.00	35.68 2.29 0.00	36.34 2.31 0.00	31.31 2.03 0.00	42.01 2.73 0.00	28.94 1.97 0.00
RAVENSWOOD_GT3_1 24248	19.03 1.18 0.00	21.74 1.09 0.00	19.95 0.93 0.00	19.89 0.92 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.58 1.31 0.00	24.45 1.53 0.00	25.55 1.65 0.00	25.66 1.55 -2.45	27.52 1.82 -1.66	27.17 1.92 0.00	48.93 1.32 -30.25	30.37 2.16 0.00	30.93 2.31 0.00	35.26 2.30 -5.26	30.55 2.40 0.00	36.97 3.10 0.00	31.87 2.58 0.00	35.66 2.27 0.00	36.31 2.28 0.00	31.28 2.00 0.00	41.99 2.71 0.00	28.92 1.94 0.00
RAVENSWOOD_GT3_2 24249	19.03 1.18 0.00	21.74 1.09 0.00	19.95 0.93 0.00	19.89 0.92 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.58 1.31 0.00	24.45 1.53 0.00	25.55 1.65 0.00	25.66 1.55 -2.45	27.52 1.82 -1.66	27.17 1.92 0.00	48.93 1.32 -30.25	30.37 2.16 0.00	30.93 2.31 0.00	35.26 2.30 -5.26	30.55 2.40 0.00	36.97 3.10 0.00	31.87 2.58 0.00	35.66 2.27 0.00	36.31 2.28 0.00	31.28 2.00 0.00	41.99 2.71 0.00	28.92 1.94 0.00
RAVENSWOOD_GT3_3 24250	19.06 1.21 0.00	21.77 1.13 0.00	19.98 0.97 0.00	19.92 0.96 0.00	20.10 1.03 0.00	20.84 1.05 0.00	25.62 1.36 0.00	24.49 1.58 0.00	25.60 1.70 0.00	25.71 1.59 -2.45	27.57 1.87 -1.66	27.23 1.98 0.00	48.97 1.36 -30.25	30.45 2.23 0.00	30.99 2.38 0.00	35.33 2.37 -5.26	30.62 2.47 0.00	37.05 3.18 0.00	31.94 2.65 0.00	35.73 2.34 0.00	36.39 2.36 0.00	31.34 2.06 0.00	42.08 2.80 0.00	28.97 2.00 0.00
RAVENSWOOD_GT3_4 24251	19.06 1.21 0.00	21.77 1.13 0.00	19.98 0.97 0.00	19.92 0.96 0.00	20.10 1.03 0.00	20.84 1.05 0.00	25.62 1.36 0.00	24.49 1.58 0.00	25.60 1.70 0.00	25.71 1.59 -2.45	27.57 1.87 -1.66	27.23 1.98 0.00	48.97 1.36 -30.25	30.45 2.23 0.00	30.99 2.38 0.00	35.33 2.37 -5.26	30.62 2.47 0.00	37.05 3.18 0.00	31.94 2.65 0.00	35.73 2.34 0.00	36.39 2.36 0.00	31.34 2.06 0.00	42.08 2.80 0.00	28.97 2.00 0.00
RAVENSWOOD_GT_1 23729	19.06 1.21 0.00	21.76 1.11 0.00	19.99 0.97 0.00	19.92 0.96 0.00	20.09 1.02 0.00	20.84 1.05 0.00	25.64 1.37 0.00	24.50 1.59 0.00	25.63 1.73 0.00	25.73 1.62 -2.45	27.58 1.88 -1.66	27.25 1.99 0.00	48.98 1.37 -30.25	30.46 2.24 0.00	31.00 2.39 0.00	35.32 2.35 -5.26	30.62 2.45 -0.03	37.01 3.14 0.00	31.91 2.62 0.00	35.66 2.27 0.00	36.33 2.30 0.00	31.37 2.09 0.00	42.06 2.78 0.00	28.98 2.00 0.00
RAVENSWOOD_GT_10 24258	19.03 1.18 0.00	21.74 1.09 0.00	19.95 0.93 0.00	19.89 0.92 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.58 1.31 0.00	24.44 1.53 0.00	25.55 1.65 0.00	25.66 1.55 -2.45	27.52 1.82 -1.66	27.17 1.92 0.00	48.93 1.31 -30.25	30.37 2.15 0.00	30.93 2.31 0.00	35.26 2.30 -5.26	30.55 2.40 0.00	36.97 3.10 0.00	31.87 2.58 0.00	35.66 2.27 0.00	36.32 2.29 0.00	31.28 2.00 0.00	42.00 2.72 0.00	28.92 1.94 0.00
RAVENSWOOD_GT_11 24259	19.03 1.18 0.00	21.74 1.09 0.00	19.95 0.94 0.00	19.89 0.92 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.57 1.31 0.00	24.44 1.53 0.00	25.55 1.65 0.00	25.66 1.54 -2.45	27.52 1.82 -1.66	27.17 1.92 0.00	48.93 1.31 -30.25	30.37 2.15 0.00	30.93 2.31 0.00	35.26 2.30 -5.26	30.55 2.40 0.00	36.97 3.10 0.00	31.87 2.58 0.00	35.65 2.27 0.00	36.31 2.28 0.00	31.28 2.00 0.00	42.00 2.72 0.00	28.92 1.94 0.00



RAVENSWOOD_GT_4 24252	19.03 1.18 0.00	21.74 1.09 0.00	19.95 0.93 0.00	19.89 0.93 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.58 1.31 0.00	24.44 1.53 0.00	25.54 1.65 0.00	25.66 1.54 -2.45	27.51 1.81 -1.66	27.17 1.92 0.00	48.93 1.32 -30.25	30.36 2.15 0.00	30.93 2.31 0.00	35.26 2.29 -5.26	30.57 2.40 -0.02	36.97 3.10 0.00	31.87 2.57 0.00	35.66 2.27 0.00	36.32 2.29 0.00	31.28 2.00 0.00	42.00 2.72 0.00	28.92 1.94 0.00
RAVENSWOOD_GT_5 24254	19.03 1.18 0.00	21.74 1.09 0.00	19.95 0.93 0.00	19.89 0.93 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.58 1.31 0.00	24.44 1.53 0.00	25.54 1.65 0.00	25.66 1.54 -2.45	27.51 1.81 -1.66	27.17 1.92 0.00	48.93 1.32 -30.25	30.36 2.15 0.00	30.93 2.31 0.00	35.26 2.29 -5.26	30.57 2.40 -0.02	36.97 3.10 0.00	31.87 2.57 0.00	35.66 2.27 0.00	36.32 2.29 0.00	31.28 2.00 0.00	42.00 2.72 0.00	28.92 1.94 0.00
RAVENSWOOD_GT_6 24253	19.03 1.18 0.00	21.74 1.09 0.00	19.95 0.93 0.00	19.89 0.93 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.58 1.31 0.00	24.44 1.53 0.00	25.54 1.65 0.00	25.66 1.54 -2.45	27.51 1.81 -1.66	27.17 1.92 0.00	48.93 1.32 -30.25	30.36 2.15 0.00	30.93 2.31 0.00	35.26 2.29 -5.26	30.57 2.40 -0.02	36.97 3.10 0.00	31.87 2.57 0.00	35.66 2.27 0.00	36.32 2.29 0.00	31.28 2.00 0.00	42.00 2.72 0.00	28.92 1.94 0.00
RAVENSWOOD_GT_7 24255	19.03 1.18 0.00	21.74 1.09 0.00	19.95 0.93 0.00	19.89 0.93 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.58 1.31 0.00	24.44 1.53 0.00	25.54 1.65 0.00	25.66 1.54 -2.45	27.51 1.81 -1.66	27.17 1.92 0.00	48.93 1.32 -30.25	30.36 2.15 0.00	30.93 2.31 0.00	35.26 2.29 -5.26	30.57 2.40 -0.02	36.97 3.10 0.00	31.87 2.57 0.00	35.66 2.27 0.00	36.32 2.29 0.00	31.28 2.00 0.00	42.00 2.72 0.00	28.92 1.94 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.03 1.18 0.00	21.74 1.09 0.00	19.95 0.93 0.00	19.89 0.92 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.58 1.31 0.00	24.44 1.53 0.00	25.55 1.65 0.00	25.66 1.55 -2.45	27.52 1.82 -1.66	27.17 1.92 0.00	48.93 1.31 -30.25	30.37 2.15 0.00	30.93 2.31 0.00	35.26 2.30 -5.26	30.55 2.40 0.00	36.97 3.10 0.00	31.87 2.58 0.00	35.66 2.27 0.00	36.32 2.29 0.00	31.28 2.00 0.00	42.00 2.72 0.00	28.92 1.94 0.00
RAVENSWOOD_GT_9 24257	19.03 1.18 0.00	21.74 1.09 0.00	19.95 0.93 0.00	19.89 0.92 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.58 1.31 0.00	24.44 1.53 0.00	25.55 1.65 0.00	25.66 1.55 -2.45	27.52 1.82 -1.66	27.17 1.92 0.00	48.93 1.31 -30.25	30.37 2.15 0.00	30.93 2.31 0.00	35.26 2.30 -5.26	30.55 2.40 0.00	36.97 3.10 0.00	31.87 2.58 0.00	35.66 2.27 0.00	36.32 2.29 0.00	31.28 2.00 0.00	42.00 2.72 0.00	28.92 1.94 0.00
RAVENSWOOD___1 23533	19.05 1.20 0.00	21.75 1.10 0.00	19.98 0.96 0.00	19.91 0.95 0.00	20.08 1.01 0.00	20.82 1.04 0.00	25.62 1.35 0.00	24.49 1.58 0.00	25.61 1.71 0.00	25.71 1.60 -2.45	27.56 1.86 -1.66	27.23 1.98 0.00	48.97 1.36 -30.25	30.44 2.22 0.00	30.99 2.37 0.00	35.30 2.34 -5.26	30.58 2.44 0.00	36.99 3.12 0.00	31.90 2.61 0.00	35.65 2.26 0.00	36.31 2.28 0.00	31.34 2.06 0.00	42.03 2.75 0.00	28.96 1.98 0.00
RAVENSWOOD___2 23534	19.04 1.19 0.00	21.74 1.09 0.00	19.97 0.95 0.00	19.90 0.93 0.00	20.07 1.00 0.00	20.81 1.03 0.00	25.59 1.33 0.00	24.47 1.56 0.00	25.59 1.70 0.00	25.69 1.57 -2.45	27.54 1.84 -1.66	27.21 1.96 0.00	48.96 1.35 -30.25	30.41 2.19 0.00	30.97 2.35 0.00	35.29 2.32 -5.26	30.53 2.42 0.03	36.98 3.11 0.00	31.89 2.60 0.00	35.63 2.24 0.00	36.31 2.27 0.00	31.32 2.04 0.00	42.01 2.73 0.00	28.94 1.96 0.00
RAVENSWOOD___3 23535	19.03 1.18 0.00	21.74 1.09 0.00	19.96 0.94 0.00	19.89 0.93 0.00	20.07 1.00 0.00	20.80 1.02 0.00	25.58 1.32 0.00	24.45 1.53 0.00	25.55 1.66 0.00	25.67 1.55 -2.45	27.52 1.82 -1.66	27.18 1.93 0.00	48.93 1.32 -30.25	30.38 2.16 0.00	30.93 2.31 0.00	35.27 2.31 -5.26	30.55 2.40 0.00	36.97 3.10 0.00	31.87 2.58 0.00	35.65 2.27 0.00	36.31 2.28 0.00	31.29 2.00 0.00	42.00 2.72 0.00	28.92 1.94 0.00
RAVENSWOOD___4 23820	19.04 1.19 0.00	21.74 1.09 0.00	19.97 0.95 0.00	19.90 0.93 0.00	20.07 1.00 0.00	20.81 1.03 0.00	25.59 1.33 0.00	24.47 1.56 0.00	25.59 1.70 0.00	25.69 1.57 -2.45	27.54 1.84 -1.66	27.21 1.96 0.00	48.96 1.35 -30.25	30.41 2.19 0.00	30.97 2.35 0.00	35.29 2.32 -5.26	30.53 2.42 0.03	36.98 3.11 0.00	31.89 2.60 0.00	35.63 2.24 0.00	36.31 2.27 0.00	31.32 2.04 0.00	42.01 2.73 0.00	28.94 1.96 0.00
RCPL_TRUST___DRP 24196	19.02 1.18 0.00	21.72 1.08 0.00	19.94 0.92 0.00	19.88 0.92 0.00	20.06 0.99 0.00	20.79 1.01 0.00	25.57 1.31 0.00	24.45 1.53 0.00	25.56 1.67 0.00	25.68 1.56 -2.45	27.55 1.84 -1.66	27.20 1.95 0.00	48.96 1.34 -30.27	30.42 2.20 0.00	30.96 2.34 0.00	35.31 2.34 -5.27	30.59 2.45 0.00	37.02 3.15 0.00	31.90 2.61 0.00	35.68 2.29 0.00	36.33 2.30 0.00	31.30 2.02 0.00	42.01 2.73 0.00	28.93 1.95 0.00
RED___ROCHESTER 323720	18.11 0.26 0.00	20.95 0.30 0.00	19.23 0.21 0.00	19.06 0.10 0.00	19.09 0.02 0.00	19.91 0.12 0.00	24.60 0.33 0.00	23.31 0.40 0.00	24.41 0.52 0.00	22.20 0.53 0.00	24.63 0.58 0.00	26.05 0.80 0.00	17.96 0.60 0.00	29.30 1.08 0.00	29.82 1.20 0.00	28.84 1.13 0.00	29.19 1.04 0.00	35.41 1.54 0.00	30.75 1.46 0.00	34.73 1.34 0.00	35.53 1.50 0.00	30.51 1.22 0.00	40.82 1.54 0.00	28.04 1.06 0.00
REGAN___SOLAR 323812	19.42 1.57 0.00	22.39 1.74 0.00	20.62 1.60 0.00	20.55 1.59 0.00	20.65 1.59 0.00	21.51 1.73 0.00	26.51 2.24 0.00	25.41 2.50 0.00	26.03 2.13 0.00	23.61 1.58 -0.37	25.97 1.67 -0.25	26.66 1.41 0.00	22.04 0.15 -4.53	29.80 1.58 0.00	29.98 1.37 0.00	29.70 1.18 -0.82	29.47 1.33 0.00	36.23 2.36 0.00	32.17 2.88 0.00	37.27 3.88 0.00	37.60 3.57 0.00	32.54 3.26 0.00	43.34 4.06 0.00	29.69 2.71 0.00
RENSSELAER___COGEN 23796	18.34 0.49 0.00	21.12 0.47 0.00	19.43 0.41 0.00	19.43 0.46 0.00	19.57 0.50 0.00	20.28 0.49 0.00	24.76 0.50 0.00	23.44 0.53 0.00	24.42 0.53 0.00	22.67 0.44 -0.56	24.93 0.51 -0.38	25.73 0.48 0.00	24.66 0.33 -6.96	28.80 0.58 0.00	29.17 0.55 0.00	29.42 0.51 -1.21	28.80 0.65 0.00	34.90 1.03 0.00	30.17 0.88 0.00	34.17 0.78 0.00	34.81 0.78 0.00	29.84 0.56 0.00	40.16 0.88 0.00	27.55 0.58 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.64 1.79 0.00	22.19 1.54 0.00	20.61 1.59 0.00	20.77 1.80 0.00	20.94 1.88 0.00	21.59 1.81 0.00	26.54 2.27 0.00	25.13 2.22 0.00	26.12 2.23 0.00	24.04 1.83 -0.54	26.37 1.96 -0.37	27.28 2.04 0.00	25.50 1.43 -6.72	31.03 2.81 0.00	31.16 2.55 0.00	31.97 3.10 -1.17	31.50 3.36 0.00	38.51 4.64 0.00	33.55 4.26 0.00	37.82 4.44 0.00	38.46 4.43 0.00	32.80 3.52 0.00	44.23 4.95 0.00	29.83 2.85 0.00

REVERE_CPDR_DRP 24186	18.16 0.32 0.00	20.96 0.31 0.00	19.35 0.33 0.00	19.29 0.33 0.00	19.42 0.35 0.00	20.19 0.41 0.00	24.85 0.59 0.00	23.50 0.59 0.00	24.47 0.58 0.00	22.20 0.53 0.00	24.68 0.63 0.00	25.90 0.65 0.00	17.80 0.44 0.00	28.95 0.73 0.00	29.40 0.79 0.00	28.43 0.73 0.00	28.89 0.74 0.00	36.01 1.11 -1.03	30.46 1.16 0.00	34.73 1.34 0.00	35.37 1.34 0.00	30.22 0.94 0.00	40.45 1.17 0.00	27.68 0.70 0.00
REYNOLDS_115KV_TB3 80639	18.50 0.65 0.00	21.30 0.65 0.00	19.60 0.58 0.00	19.60 0.64 0.00	19.74 0.68 0.00	20.46 0.67 0.00	24.96 0.69 0.00	23.62 0.71 0.00	24.60 0.71 0.00	22.85 0.60 -0.58	25.13 0.70 -0.39	25.91 0.66 0.00	24.98 0.45 -7.16	29.00 0.78 0.00	29.35 0.74 0.00	29.61 0.67 -1.25	28.97 0.83 0.00	35.12 1.25 0.00	30.36 1.07 0.00	34.39 1.01 0.00	35.05 1.02 0.00	30.04 0.76 0.00	40.48 1.20 0.00	27.77 0.79 0.00
RIVERBAY____ 323610	19.05 1.21 0.00	21.75 1.10 0.00	20.04 1.02 0.00	19.97 1.00 0.00	20.13 1.06 0.00	20.88 1.09 0.00	25.65 1.39 0.00	24.48 1.58 0.00	25.58 1.68 0.00	25.61 1.50 -2.45	27.50 1.80 -1.66	27.19 1.95 0.00	48.97 1.36 -30.25	30.44 2.22 0.00	30.94 2.32 0.00	35.22 2.26 -5.26	30.55 2.41 0.00	37.01 3.14 0.00	31.98 2.69 0.00	35.73 2.34 0.00	36.41 2.38 0.00	31.42 2.14 0.00	42.06 2.78 0.00	29.00 2.03 0.00
RIVERSDE_115KV_TB3 55908	18.43 0.58 0.00	21.22 0.58 0.00	19.53 0.51 0.00	19.53 0.56 0.00	19.67 0.60 0.00	20.38 0.60 0.00	24.88 0.61 0.00	23.55 0.64 0.00	24.54 0.65 0.00	22.79 0.55 -0.57	25.08 0.65 -0.38	25.88 0.63 0.00	24.80 0.44 -7.00	28.98 0.76 0.00	29.34 0.73 0.00	29.59 0.67 -1.22	28.98 0.83 0.00	35.12 1.25 0.00	30.35 1.06 0.00	34.37 0.98 0.00	35.00 0.97 0.00	30.00 0.72 0.00	40.38 1.10 0.00	27.70 0.72 0.00
ROARING__BROOK_WT_PWR 323790	17.40 -0.44 0.00	20.13 -0.52 0.00	18.65 -0.37 0.00	18.57 -0.40 0.00	18.71 -0.36 0.00	19.40 -0.39 0.00	23.67 -0.59 0.00	22.45 -0.47 0.00	23.30 -0.59 0.00	21.15 -0.51 0.00	23.56 -0.49 0.00	24.60 -0.65 0.00	16.82 -0.54 0.00	27.19 -1.03 0.00	27.68 -0.93 0.00	26.64 -1.06 0.00	27.11 -1.04 0.00	32.94 -1.05 -0.13	28.73 -0.56 0.00	32.68 -0.71 0.00	32.68 -1.36 0.00	28.01 -1.27 0.00	37.94 -1.35 0.00	26.20 -0.78 0.00
ROCHESRG_115KV_T4 355643	17.91 0.07 0.00	20.72 0.07 0.00	19.03 0.02 0.00	18.87 -0.09 0.00	18.90 -0.17 0.00	19.70 -0.08 0.00	24.33 0.07 0.00	23.05 0.14 0.00	24.13 0.23 0.00	21.94 0.27 0.00	24.32 0.27 0.00	25.69 0.44 0.00	17.72 0.35 0.00	28.87 0.65 0.00	29.35 0.74 0.00	28.37 0.67 0.00	28.71 0.56 0.00	34.80 0.93 0.00	30.20 0.91 0.00	34.13 0.74 0.00	34.94 0.91 0.00	30.03 0.75 0.00	40.22 0.94 0.00	27.65 0.67 0.00
ROCHESTER_9_IC 23652	18.02 0.17 0.00	20.84 0.19 0.00	19.14 0.12 0.00	18.98 0.01 0.00	19.00 -0.07 0.00	19.82 0.03 0.00	24.48 0.21 0.00	23.19 0.28 0.00	24.28 0.39 0.00	22.09 0.42 0.00	24.49 0.45 0.00	25.89 0.64 0.00	17.86 0.49 0.00	29.11 0.89 0.00	29.60 0.99 0.00	28.62 0.92 0.00	28.96 0.82 0.00	35.13 1.26 0.00	30.50 1.20 0.00	34.44 1.05 0.00	35.26 1.22 0.00	30.29 1.01 0.00	40.54 1.26 0.00	27.87 0.89 0.00
ROCKVIEW_13_KV_LD 356306	19.05 1.21 0.00	21.79 1.14 0.00	19.99 0.97 0.00	19.94 0.98 0.00	20.11 1.04 0.00	20.85 1.07 0.00	25.64 1.37 0.00	24.48 1.57 0.00	25.58 1.69 0.00	25.68 1.57 -2.45	27.54 1.84 -1.66	27.19 1.94 0.00	48.92 1.33 -30.23	30.42 2.20 0.00	30.96 2.34 0.00	35.29 2.33 -5.26	30.59 2.44 0.00	37.05 3.18 0.00	31.94 2.65 0.00	35.77 2.38 0.00	36.43 2.40 0.00	31.35 2.07 0.00	42.09 2.81 0.00	28.98 2.00 0.00
ROME____115KV_TB2 80656	18.16 0.32 0.00	20.96 0.31 0.00	19.35 0.33 0.00	19.29 0.33 0.00	19.42 0.35 0.00	20.19 0.41 0.00	24.85 0.59 0.00	23.50 0.59 0.00	24.47 0.58 0.00	22.20 0.53 0.00	24.68 0.63 0.00	25.90 0.65 0.00	17.80 0.44 0.00	28.95 0.73 0.00	29.40 0.79 0.00	28.43 0.73 0.00	28.89 0.74 0.00	36.01 1.11 -1.03	30.46 1.16 0.00	34.73 1.34 0.00	35.37 1.34 0.00	30.22 0.94 0.00	40.45 1.17 0.00	27.68 0.70 0.00
ROSETON__1 23587	18.79 0.94 0.00	21.53 0.88 0.00	19.78 0.76 0.00	19.74 0.77 0.00	19.91 0.84 0.00	20.63 0.85 0.00	25.31 1.05 0.00	24.12 1.21 0.00	25.17 1.28 0.00	22.84 1.17 0.00	25.41 1.37 0.00	26.67 1.42 0.00	18.33 0.97 0.00	29.83 1.61 0.00	30.31 1.70 0.00	29.39 1.68 0.00	29.95 1.80 0.00	36.28 2.41 0.00	31.30 2.01 0.00	35.16 1.78 0.00	35.81 1.78 0.00	30.77 1.49 0.00	41.40 2.12 0.00	28.51 1.53 0.00
ROSETON__2 23588	18.79 0.94 0.00	21.53 0.88 0.00	19.78 0.76 0.00	19.74 0.77 0.00	19.91 0.84 0.00	20.63 0.85 0.00	25.31 1.05 0.00	24.12 1.21 0.00	25.17 1.28 0.00	22.84 1.17 0.00	25.41 1.37 0.00	26.67 1.42 0.00	18.33 0.97 0.00	29.83 1.61 0.00	30.31 1.70 0.00	29.39 1.68 0.00	29.95 1.80 0.00	36.28 2.41 0.00	31.30 2.01 0.00	35.16 1.78 0.00	35.81 1.78 0.00	30.77 1.49 0.00	41.40 2.12 0.00	28.51 1.53 0.00
ROTTDAM_115KV_TB3 80664	18.58 0.73 0.00	21.39 0.74 0.00	19.68 0.66 0.00	19.67 0.70 0.00	19.81 0.74 0.00	20.51 0.73 0.00	25.11 0.85 0.00	23.77 0.86 0.00	24.78 0.88 0.00	22.95 0.76 -0.52	25.26 0.86 -0.36	26.11 0.86 0.00	24.48 0.64 -6.48	29.26 1.05 0.00	29.64 1.03 0.00	29.83 1.01 -1.13	29.30 1.15 0.00	35.48 1.61 0.00	30.70 1.41 0.00	34.77 1.39 0.00	35.45 1.41 0.00	30.43 1.15 0.00	40.90 1.62 0.00	28.06 1.08 0.00
RUSSELL__1 23602	18.11 0.26 0.00	20.95 0.30 0.00	19.23 0.21 0.00	19.06 0.09 0.00	19.09 0.02 0.00	19.91 0.12 0.00	24.60 0.33 0.00	23.31 0.40 0.00	24.41 0.51 0.00	22.20 0.53 0.00	24.63 0.58 0.00	26.05 0.80 0.00	17.96 0.60 0.00	29.30 1.08 0.00	29.82 1.20 0.00	28.83 1.13 0.00	29.19 1.05 0.00	35.40 1.54 0.00	30.75 1.45 0.00	34.72 1.34 0.00	35.52 1.49 0.00	30.50 1.22 0.00	40.81 1.54 0.00	28.04 1.06 0.00
RUSSELL__2 23532	18.11 0.26 0.00	20.95 0.30 0.00	19.23 0.21 0.00	19.06 0.09 0.00	19.09 0.02 0.00	19.91 0.12 0.00	24.60 0.33 0.00	23.31 0.40 0.00	24.41 0.51 0.00	22.20 0.53 0.00	24.63 0.58 0.00	26.05 0.80 0.00	17.96 0.60 0.00	29.30 1.08 0.00	29.82 1.20 0.00	28.83 1.13 0.00	29.19 1.05 0.00	35.40 1.54 0.00	30.75 1.45 0.00	34.72 1.34 0.00	35.52 1.49 0.00	30.50 1.22 0.00	40.81 1.54 0.00	28.04 1.06 0.00
RUSSELL__3 23549	18.11 0.26 0.00	20.95 0.30 0.00	19.23 0.21 0.00	19.06 0.09 0.00	19.09 0.02 0.00	19.91 0.12 0.00	24.60 0.33 0.00	23.31 0.40 0.00	24.41 0.51 0.00	22.20 0.53 0.00	24.63 0.58 0.00	26.05 0.80 0.00	17.96 0.60 0.00	29.30 1.08 0.00	29.82 1.20 0.00	28.83 1.13 0.00	29.19 1.05 0.00	35.40 1.54 0.00	30.75 1.45 0.00	34.72 1.34 0.00	35.52 1.49 0.00	30.50 1.22 0.00	40.81 1.54 0.00	28.04 1.06 0.00

RUSSELL___4 23556	18.11 0.26 0.00	20.95 0.30 0.00	19.23 0.21 0.00	19.06 0.09 0.00	19.09 0.02 0.00	19.91 0.12 0.00	24.60 0.33 0.00	23.31 0.40 0.00	24.41 0.51 0.00	22.20 0.53 0.00	24.63 0.58 0.00	26.05 0.80 0.00	17.96 0.60 0.00	29.30 1.08 0.00	29.82 1.20 0.00	28.83 1.13 0.00	29.19 1.05 0.00	35.40 1.54 0.00	30.75 1.45 0.00	34.72 1.34 0.00	35.52 1.49 0.00	30.50 1.22 0.00	40.81 1.54 0.00	28.04 1.06 0.00
RUSSELL___STATION 23914	18.11 0.26 0.00	20.95 0.30 0.00	19.23 0.21 0.00	19.06 0.09 0.00	19.09 0.02 0.00	19.91 0.12 0.00	24.60 0.33 0.00	23.31 0.40 0.00	24.41 0.51 0.00	22.20 0.53 0.00	24.63 0.58 0.00	26.05 0.80 0.00	17.96 0.60 0.00	29.30 1.08 0.00	29.82 1.20 0.00	28.83 1.13 0.00	29.19 1.05 0.00	35.40 1.54 0.00	30.75 1.45 0.00	34.72 1.34 0.00	35.52 1.49 0.00	30.50 1.22 0.00	40.81 1.54 0.00	28.04 1.06 0.00
S SALMON___HYD 24043	17.47 -0.38 0.00	20.16 -0.49 0.00	18.58 -0.44 0.00	18.53 -0.43 0.00	18.64 -0.43 0.00	19.38 -0.40 0.00	23.82 -0.44 0.00	22.48 -0.43 0.00	23.31 -0.59 0.00	21.13 -0.53 0.00	23.47 -0.57 0.00	24.59 -0.66 0.00	16.90 -0.46 0.00	27.42 -0.80 0.00	27.81 -0.80 0.00	26.89 -0.81 0.00	27.28 -0.87 0.00	32.06 -0.82 0.99	28.85 -0.45 0.00	32.90 -0.48 0.00	33.58 -0.45 0.00	28.75 -0.53 0.00	38.58 -0.71 0.00	26.46 -0.52 0.00
S.PERRY___115KV_TB1 80734	18.31 0.46 0.00	21.21 0.56 0.00	19.45 0.43 0.00	19.29 0.32 0.00	19.30 0.24 0.00	20.15 0.36 0.00	24.96 0.70 0.00	23.72 0.81 0.00	24.75 0.85 0.00	22.42 0.75 0.00	24.67 0.62 0.00	26.02 0.77 0.00	17.98 0.61 0.00	29.05 0.83 0.00	29.04 0.42 0.00	27.77 0.07 0.00	27.94 -0.21 0.00	34.15 0.28 0.00	29.86 0.57 0.00	34.17 0.79 0.00	35.23 1.20 0.00	30.32 1.04 0.00	41.55 2.27 0.00	28.55 1.57 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.94 0.09 0.00	20.83 0.18 0.00	19.11 0.09 0.00	18.85 -0.12 0.00	18.77 -0.30 0.00	19.62 -0.17 0.00	24.36 0.10 0.00	23.10 0.19 0.00	24.33 0.44 0.00	22.18 0.51 0.00	24.55 0.51 0.00	25.99 0.74 0.00	17.94 0.58 0.00	29.17 0.95 0.00	29.65 1.04 0.00	28.57 0.87 0.00	28.72 0.57 0.00	34.94 1.07 0.00	30.33 1.04 0.00	34.05 0.66 0.00	35.13 1.10 0.00	30.28 1.00 0.00	40.66 1.39 0.00	28.10 1.13 0.00
SAWYER___23_KV_LOAD 55526	17.94 0.09 0.00	20.83 0.18 0.00	19.11 0.09 0.00	18.85 -0.12 0.00	18.77 -0.30 0.00	19.62 -0.17 0.00	24.36 0.10 0.00	23.10 0.19 0.00	24.33 0.44 0.00	22.18 0.51 0.00	24.55 0.51 0.00	25.99 0.74 0.00	17.94 0.58 0.00	29.17 0.95 0.00	29.65 1.04 0.00	28.57 0.87 0.00	28.72 0.57 0.00	34.94 1.07 0.00	30.33 1.04 0.00	34.05 0.66 0.00	35.13 1.10 0.00	30.28 1.00 0.00	40.66 1.39 0.00	28.10 1.13 0.00
SELKIRK___I 23801	18.50 0.66 0.00	21.33 0.68 0.00	19.63 0.61 0.00	19.64 0.67 0.00	19.78 0.71 0.00	20.48 0.70 0.00	25.03 0.77 0.00	23.67 0.76 0.00	24.63 0.74 0.00	22.82 0.63 -0.52	25.11 0.71 -0.35	25.93 0.68 0.00	24.24 0.48 -6.40	29.02 0.80 0.00	29.40 0.78 0.00	29.56 0.74 -1.11	29.02 0.87 0.00	35.15 1.28 0.00	30.41 1.11 0.00	34.49 1.11 0.00	35.17 1.13 0.00	30.16 0.88 0.00	40.55 1.27 0.00	27.84 0.86 0.00
SELKIRK___II 23799	18.41 0.56 0.00	21.20 0.55 0.00	19.50 0.49 0.00	19.50 0.54 0.00	19.65 0.58 0.00	20.35 0.56 0.00	24.86 0.60 0.00	23.55 0.64 0.00	24.53 0.64 0.00	22.76 0.55 -0.55	25.04 0.62 -0.37	25.85 0.60 0.00	24.55 0.42 -6.77	28.93 0.71 0.00	29.32 0.70 0.00	29.54 0.66 -1.18	28.94 0.79 0.00	35.06 1.19 0.00	30.30 1.01 0.00	34.32 0.93 0.00	34.97 0.94 0.00	29.99 0.71 0.00	40.36 1.07 0.00	27.70 0.72 0.00
SENECA OSWGO___HYD 24041	17.62 -0.23 0.00	20.34 -0.31 0.00	18.71 -0.31 0.00	18.64 -0.33 0.00	18.74 -0.33 0.00	19.47 -0.32 0.00	23.93 -0.33 0.00	22.64 -0.27 0.00	23.57 -0.32 0.00	21.37 -0.29 0.00	23.71 -0.33 0.00	24.93 -0.32 0.00	17.15 -0.21 0.00	27.93 -0.29 0.00	28.24 -0.38 0.00	27.33 -0.37 0.00	27.75 -0.39 0.00	33.33 -0.34 0.20	29.06 -0.23 0.00	33.03 -0.35 0.00	33.73 -0.30 0.00	28.98 -0.31 0.00	38.89 -0.40 0.00	26.70 -0.28 0.00
SENECA___115KV_TB3 355854	18.15 0.30 0.00	21.04 0.40 0.00	19.30 0.28 0.00	19.06 0.09 0.00	19.00 -0.07 0.00	19.85 0.06 0.00	24.66 0.40 0.00	23.43 0.52 0.00	24.69 0.80 0.00	22.52 0.85 0.00	24.93 0.88 0.00	26.38 1.13 0.00	18.05 0.69 0.00	29.56 1.35 0.00	30.10 1.48 0.00	28.99 1.29 0.00	29.16 1.01 0.00	35.49 1.62 0.00	30.80 1.51 0.00	34.55 1.17 0.00	35.64 1.61 0.00	30.68 1.40 0.00	41.25 1.97 0.00	28.44 1.46 0.00
SENECA___ENERGY 23797	17.94 0.09 0.00	20.70 0.05 0.00	19.02 0.00 0.00	18.93 -0.03 0.00	19.01 -0.06 0.00	19.79 0.01 0.00	24.52 0.26 0.00	23.32 0.41 0.00	24.78 0.88 0.00	22.48 0.82 0.00	24.88 0.83 0.00	26.17 0.93 0.00	18.09 0.73 0.00	29.42 1.20 0.00	29.35 0.73 0.00	28.32 0.62 0.00	28.59 0.44 0.00	34.57 0.70 0.00	30.07 0.77 0.00	34.09 0.71 0.00	34.84 0.81 0.00	29.90 0.62 0.00	40.12 0.84 0.00	27.49 0.51 0.00
SHOEMAKER___GT 23640	18.70 0.85 0.00	21.46 0.81 0.00	19.72 0.70 0.00	19.68 0.71 0.00	19.84 0.77 0.00	20.55 0.77 0.00	25.23 0.97 0.00	24.02 1.12 0.00	25.06 1.17 0.00	20.80 1.04 1.91	23.95 1.20 1.29	26.48 1.23 0.00	-5.42 0.83 23.61	29.62 1.40 0.00	30.13 1.51 0.00	25.11 1.52 4.11	29.79 1.64 0.00	36.13 2.26 0.00	31.18 1.88 0.00	35.08 1.70 0.00	35.76 1.73 0.00	30.71 1.43 0.00	41.25 1.97 0.00	28.38 1.41 0.00
SHOEMAKR_138KV_BK 111 55601	18.68 0.84 0.00	21.44 0.79 0.00	19.69 0.67 0.00	19.66 0.69 0.00	19.81 0.75 0.00	20.53 0.75 0.00	25.21 0.95 0.00	24.01 1.10 0.00	25.04 1.15 0.00	20.90 1.04 1.81	24.02 1.20 1.23	26.49 1.24 0.00	-4.18 0.84 22.38	29.64 1.42 0.00	30.14 1.52 0.00	25.33 1.52 3.89	29.79 1.64 0.00	36.11 2.24 0.00	31.16 1.87 0.00	35.06 1.67 0.00	35.73 1.70 0.00	30.68 1.40 0.00	41.21 1.93 0.00	28.36 1.38 0.00
SHOREHAM_IC_1 23715	19.96 2.11 0.00	22.79 2.14 0.00	20.89 1.87 0.00	20.77 1.80 0.00	20.92 1.85 0.00	21.75 1.97 0.00	26.77 2.51 0.00	25.60 2.69 0.00	26.66 2.77 0.00	26.79 2.44 -2.68	29.13 2.90 -2.19	33.05 3.16 -4.64	56.39 2.15 -36.88	96.69 3.53 -64.94	86.51 3.67 -54.23	165.25 3.54 -134.01	194.92 3.68 -163.09	193.61 4.69 -155.05	127.51 3.99 -94.22	64.83 3.84 -27.61	52.01 3.87 -14.11	83.90 3.55 -51.08	45.26 4.73 -1.25	31.26 3.42 -0.86
SHOREHAM_IC_2 23716	19.96 2.11 0.00	22.79 2.14 0.00	20.89 1.87 0.00	20.77 1.80 0.00	20.92 1.85 0.00	21.75 1.97 0.00	26.77 2.51 0.00	25.60 2.69 0.00	26.66 2.77 0.00	26.79 2.44 -2.68	29.13 2.90 -2.19	33.05 3.16 -4.64	56.39 2.15 -36.88	96.69 3.53 -64.94	86.51 3.67 -54.23	165.25 3.54 -134.01	194.92 3.68 -163.09	193.61 4.69 -155.05	127.51 3.99 -94.22	64.83 3.84 -27.61	52.01 3.87 -14.11	83.90 3.55 -51.08	45.26 4.73 -1.25	31.26 3.42 -0.86

SISSONVILLE____ 23735	16.88 -0.96 0.00	19.66 -0.99 0.00	18.33 -0.69 0.00	18.25 -0.71 0.00	18.30 -0.76 0.00	19.03 -0.76 0.00	23.21 -1.05 0.00	21.74 -1.17 0.00	22.68 -1.21 0.00	20.58 -1.09 0.00	22.85 -1.20 0.00	23.97 -1.27 0.00	16.50 -0.86 0.00	26.65 -1.57 0.00	26.96 -1.65 0.00	26.13 -1.56 0.00	26.50 -1.65 0.00	30.27 -2.17 1.43	27.50 -1.79 0.00	31.85 -1.53 0.00	32.48 -1.56 0.00	27.93 -1.35 0.00	37.11 -2.17 0.00	25.37 -1.61 0.00
SITHE_IND_GS1 24169	17.39 -0.45 0.00	20.10 -0.55 0.00	18.50 -0.52 0.00	18.43 -0.54 0.00	18.52 -0.55 0.00	19.24 -0.55 0.00	23.63 -0.63 0.00	22.32 -0.59 0.00	23.22 -0.67 0.00	21.07 -0.60 0.00	23.37 -0.68 0.00	24.56 -0.69 0.00	16.89 -0.47 0.00	27.50 -0.72 0.00	27.86 -0.75 0.00	26.97 -0.73 0.00	27.38 -0.76 0.00	33.05 -0.82 0.00	28.62 -0.67 0.00	32.52 -0.86 0.00	33.18 -0.85 0.00	28.51 -0.77 0.00	38.27 -1.01 0.00	26.30 -0.68 0.00
SITHE_IND_GS2 24170	17.39 -0.45 0.00	20.10 -0.55 0.00	18.50 -0.52 0.00	18.43 -0.54 0.00	18.52 -0.55 0.00	19.24 -0.55 0.00	23.63 -0.63 0.00	22.32 -0.59 0.00	23.22 -0.67 0.00	21.07 -0.60 0.00	23.37 -0.68 0.00	24.56 -0.69 0.00	16.89 -0.47 0.00	27.50 -0.72 0.00	27.86 -0.75 0.00	26.97 -0.73 0.00	27.38 -0.76 0.00	33.05 -0.82 0.00	28.62 -0.67 0.00	32.52 -0.86 0.00	33.18 -0.85 0.00	28.51 -0.77 0.00	38.27 -1.01 0.00	26.30 -0.68 0.00
SITHE_IND_GS3 24171	17.39 -0.45 0.00	20.10 -0.55 0.00	18.50 -0.52 0.00	18.43 -0.54 0.00	18.52 -0.55 0.00	19.24 -0.55 0.00	23.63 -0.63 0.00	22.32 -0.59 0.00	23.22 -0.67 0.00	21.07 -0.60 0.00	23.37 -0.68 0.00	24.56 -0.69 0.00	16.89 -0.47 0.00	27.50 -0.72 0.00	27.86 -0.75 0.00	26.97 -0.73 0.00	27.38 -0.76 0.00	33.05 -0.82 0.00	28.62 -0.67 0.00	32.52 -0.86 0.00	33.18 -0.85 0.00	28.51 -0.77 0.00	38.27 -1.01 0.00	26.30 -0.68 0.00
SITHE_IND_GS4 24172	17.39 -0.45 0.00	20.10 -0.55 0.00	18.50 -0.52 0.00	18.43 -0.54 0.00	18.52 -0.55 0.00	19.24 -0.55 0.00	23.63 -0.63 0.00	22.32 -0.59 0.00	23.22 -0.67 0.00	21.07 -0.60 0.00	23.37 -0.68 0.00	24.56 -0.69 0.00	16.89 -0.47 0.00	27.50 -0.72 0.00	27.86 -0.75 0.00	26.97 -0.73 0.00	27.38 -0.76 0.00	33.05 -0.82 0.00	28.62 -0.67 0.00	32.52 -0.86 0.00	33.18 -0.85 0.00	28.51 -0.77 0.00	38.27 -1.01 0.00	26.30 -0.68 0.00
SITHE____BATAVIA 24024	18.31 0.46 0.00	21.21 0.56 0.00	19.47 0.45 0.00	19.22 0.26 0.00	19.17 0.11 0.00	20.06 0.27 0.00	24.92 0.65 0.00	23.62 0.71 0.00	24.79 0.90 0.00	22.53 0.86 0.00	24.92 0.87 0.00	26.39 1.14 0.00	18.25 0.89 0.00	29.80 1.58 0.00	30.28 1.67 0.00	29.13 1.43 0.00	29.45 1.30 0.00	35.82 1.95 0.00	31.18 1.88 0.00	35.07 1.68 0.00	36.11 2.08 0.00	31.04 1.76 0.00	41.52 2.25 0.00	28.62 1.64 0.00
SITHE____INDEPEND 23800	17.39 -0.45 0.00	20.10 -0.55 0.00	18.50 -0.52 0.00	18.43 -0.54 0.00	18.52 -0.54 0.00	19.24 -0.55 0.00	23.63 -0.63 0.00	22.32 -0.59 0.00	23.22 -0.67 0.00	21.07 -0.60 0.00	23.37 -0.68 0.00	24.56 -0.69 0.00	16.89 -0.47 0.00	27.50 -0.72 0.00	27.86 -0.75 0.00	26.97 -0.73 0.00	27.38 -0.76 0.00	33.05 -0.82 0.00	28.62 -0.67 0.00	32.52 -0.86 0.00	33.18 -0.85 0.00	28.51 -0.77 0.00	38.27 -1.01 0.00	26.30 -0.68 0.00
SITHE____MASSENA 23902	17.53 -0.31 0.00	20.42 -0.22 0.00	18.97 -0.05 0.00	18.89 -0.08 0.00	18.94 -0.13 0.00	19.67 -0.11 0.00	24.00 -0.27 0.00	22.50 -0.41 0.00	23.51 -0.39 0.00	21.32 -0.35 0.00	23.66 -0.39 0.00	24.85 -0.40 0.00	17.12 -0.24 0.00	27.71 -0.51 0.00	28.01 -0.60 0.00	27.14 -0.56 0.00	27.49 -0.65 0.00	32.24 -1.03 0.60	28.40 -0.89 0.00	32.78 -0.61 0.00	33.46 -0.57 0.00	28.87 -0.41 0.00	38.46 -0.82 0.00	26.35 -0.63 0.00
SITHE____OGDNSBRG 24021	17.50 -0.34 0.00	20.38 -0.26 0.00	18.97 -0.05 0.00	18.89 -0.07 0.00	18.95 -0.12 0.00	19.70 -0.09 0.00	24.05 -0.22 0.00	22.50 -0.41 0.00	23.46 -0.44 0.00	21.27 -0.40 0.00	23.62 -0.42 0.00	24.81 -0.44 0.00	17.20 -0.16 0.00	27.72 -0.50 0.00	27.95 -0.66 0.00	27.10 -0.60 0.00	27.46 -0.69 0.00	31.68 -1.09 1.11	28.38 -0.92 0.00	32.93 -0.46 0.00	33.66 -0.37 0.00	29.00 -0.28 0.00	38.53 -0.75 0.00	26.34 -0.64 0.00
SITHE____STERLING 23777	18.13 0.29 0.00	20.93 0.28 0.00	19.29 0.28 0.00	19.24 0.27 0.00	19.36 0.29 0.00	20.12 0.34 0.00	24.76 0.50 0.00	23.43 0.52 0.00	24.42 0.53 0.00	22.14 0.47 0.00	24.60 0.56 0.00	25.83 0.58 0.00	17.77 0.40 0.00	28.93 0.70 0.00	29.35 0.74 0.00	28.39 0.69 0.00	28.84 0.69 0.00	35.48 1.01 -0.60	30.29 1.00 0.00	34.49 1.10 0.00	35.18 1.15 0.00	30.11 0.83 0.00	40.34 1.07 0.00	27.64 0.66 0.00
SLEIGHT__34_KV_TB1 80719	18.22 0.37 0.00	20.98 0.34 0.00	19.31 0.29 0.00	19.21 0.25 0.00	19.30 0.23 0.00	20.05 0.27 0.00	24.83 0.57 0.00	23.56 0.66 0.00	24.80 0.91 0.00	22.42 0.76 0.00	24.99 0.95 0.00	26.35 1.10 0.00	17.93 0.57 0.00	29.68 1.46 0.00	29.88 1.27 0.00	28.95 1.25 0.00	29.29 1.14 0.00	35.42 1.55 0.00	30.73 1.44 0.00	34.82 1.44 0.00	35.59 1.56 0.00	30.46 1.18 0.00	40.76 1.48 0.00	27.90 0.93 0.00
SOUTH CAIRO____GT 23612	19.03 1.18 0.00	21.92 1.27 0.00	20.16 1.14 0.00	20.17 1.21 0.00	20.31 1.25 0.00	21.08 1.30 0.00	25.79 1.53 0.00	24.38 1.47 0.00	25.24 1.35 0.00	23.16 1.07 -0.42	25.45 1.12 -0.29	26.32 1.07 0.00	23.39 0.79 -5.24	29.51 1.29 0.00	29.92 1.30 0.00	29.87 1.26 -0.91	29.65 1.50 0.00	36.14 2.27 0.00	31.49 2.19 0.00	35.97 2.59 0.00	36.77 2.74 0.00	31.40 2.12 0.00	42.04 2.76 0.00	28.72 1.74 0.00
SOUTH HAMPTN____IC 23720	20.30 2.45 0.00	23.16 2.51 0.00	21.21 2.19 0.00	21.09 2.12 0.00	21.24 2.17 0.00	22.09 2.31 0.00	27.19 2.93 0.00	26.03 3.12 0.00	27.15 3.25 0.00	27.29 2.94 -2.68	29.74 3.51 -2.19	33.69 3.81 -4.63	56.74 2.61 -36.77	95.06 4.28 -62.56	85.38 4.48 -52.29	161.05 4.35 -129.00	189.42 4.52 -156.76	204.14 5.71 -164.56	143.62 4.85 -109.48	66.69 4.73 -28.57	52.00 4.71 -13.26	82.80 4.28 -49.24	46.20 5.67 -1.25	31.86 4.02 -0.86
SOUTHDOW_115KV_TB1 355954	18.76 0.91 0.00	21.74 1.09 0.00	19.87 0.85 0.00	19.68 0.71 0.00	19.66 0.59 0.00	20.55 0.76 0.00	25.72 1.46 0.00	24.56 1.65 0.00	25.91 2.01 0.00	23.75 2.08 0.00	26.33 2.29 0.00	27.72 2.48 0.00	18.60 1.24 0.00	31.04 2.83 0.00	31.68 3.07 0.00	30.51 2.81 0.00	30.60 2.46 0.00	37.32 3.45 0.00	32.47 3.18 0.00	36.36 2.97 0.00	37.39 3.36 0.00	31.99 2.71 0.00	43.13 3.84 0.00	29.56 2.58 0.00
SOUTHOLD_69_KV_BK 2 55809	20.74 2.90 0.00	23.66 3.01 0.00	21.64 2.62 0.00	21.52 2.55 0.00	21.67 2.60 0.00	22.55 2.77 0.00	27.75 3.49 0.00	26.60 3.69 0.00	27.79 3.89 0.00	27.91 3.55 -2.68	30.44 4.21 -2.18	34.41 4.53 -4.63	57.26 3.13 -36.78	95.93 5.12 -62.59	86.28 5.35 -52.31	162.00 5.25 -129.05	190.41 5.43 -156.83	206.30 6.84 -165.58	145.70 5.82 -110.59	67.91 5.80 -28.72	53.07 5.77 -13.27	83.70 5.16 -49.26	47.35 6.81 -1.25	32.58 4.74 -0.86

SOUTHOLD___IC 23719	20.74 2.90 0.00	23.66 3.01 0.00	21.65 2.63 0.00	21.52 2.55 0.00	21.67 2.60 0.00	22.55 2.77 0.00	27.75 3.49 0.00	26.60 3.69 0.00	27.79 3.89 0.00	27.90 3.55 -2.68	30.44 4.21 -2.19	34.41 4.53 -4.63	57.27 3.13 -36.78	95.93 5.13 -62.59	86.28 5.35 -52.31	162.00 5.25 -129.05	190.41 5.43 -156.83	206.29 6.84 -165.58	145.71 5.82 -110.59	67.91 5.80 -28.72	53.06 5.76 -13.27	83.70 5.16 -49.26	47.35 6.81 -1.25	32.58 4.75 -0.86
SPIERFLS_115KV_TB 1 80737	18.63 0.79 0.00	21.32 0.68 0.00	19.66 0.64 0.00	19.70 0.73 0.00	19.85 0.78 0.00	20.43 0.65 0.00	25.03 0.77 0.00	23.69 0.78 0.00	24.67 0.77 0.00	22.86 0.65 -0.54	25.05 0.64 -0.37	25.86 0.61 0.00	24.49 0.44 -6.69	29.11 0.89 0.00	29.47 0.85 0.00	29.87 1.00 -1.16	29.35 1.21 0.00	35.70 1.83 0.00	30.96 1.67 0.00	35.03 1.64 0.00	35.67 1.64 0.00	30.70 1.42 0.00	41.28 2.00 0.00	28.16 1.18 0.00
ST LAWRENCE____ 23600	17.44 -0.40 0.00	20.32 -0.33 0.00	18.79 -0.23 0.00	18.71 -0.26 0.00	18.76 -0.31 0.00	19.48 -0.30 0.00	23.85 -0.42 0.00	22.36 -0.55 0.00	23.38 -0.52 0.00	21.20 -0.47 0.00	23.51 -0.53 0.00	24.70 -0.55 0.00	17.00 -0.36 0.00	27.53 -0.68 0.00	27.85 -0.76 0.00	26.99 -0.71 0.00	27.35 -0.80 0.00	32.22 -1.22 0.43	28.23 -1.07 0.00	32.55 -0.83 0.00	33.23 -0.80 0.00	28.69 -0.59 0.00	38.24 -1.04 0.00	26.21 -0.77 0.00
STATE_CA_115KV_115_LB 55624	18.42 0.58 0.00	21.22 0.57 0.00	19.52 0.50 0.00	19.52 0.55 0.00	19.66 0.59 0.00	20.37 0.59 0.00	24.88 0.62 0.00	23.58 0.67 0.00	24.56 0.67 0.00	22.81 0.58 -0.56	25.09 0.67 -0.38	25.92 0.67 0.00	24.74 0.47 -6.91	29.05 0.84 0.00	29.40 0.79 0.00	29.65 0.75 -1.20	29.05 0.91 0.00	35.20 1.34 0.00	30.42 1.13 0.00	34.42 1.04 0.00	35.06 1.03 0.00	30.05 0.77 0.00	40.42 1.13 0.00	27.72 0.75 0.00
STATE_ST_34_KV_LOAD 55959	18.19 0.34 0.00	20.99 0.34 0.00	19.30 0.28 0.00	19.24 0.27 0.00	19.33 0.26 0.00	20.11 0.32 0.00	24.77 0.51 0.00	23.49 0.58 0.00	24.76 0.86 0.00	22.40 0.73 0.00	24.79 0.75 0.00	26.10 0.84 0.00	17.90 0.54 0.00	29.24 1.02 0.00	29.45 0.84 0.00	28.57 0.87 0.00	28.94 0.79 0.00	35.00 1.13 0.00	30.34 1.05 0.00	34.39 1.00 0.00	35.16 1.12 0.00	30.13 0.85 0.00	40.39 1.10 0.00	27.70 0.72 0.00
STATION 5_MISC_HYD 23604	18.02 0.17 0.00	20.84 0.19 0.00	19.14 0.12 0.00	18.98 0.01 0.00	19.00 -0.07 0.00	19.82 0.03 0.00	24.48 0.21 0.00	23.19 0.28 0.00	24.29 0.39 0.00	22.09 0.42 0.00	24.49 0.45 0.00	25.89 0.64 0.00	17.86 0.50 0.00	29.11 0.90 0.00	29.61 0.99 0.00	28.62 0.92 0.00	28.97 0.82 0.00	35.13 1.26 0.00	30.50 1.21 0.00	34.44 1.06 0.00	35.26 1.23 0.00	30.29 1.01 0.00	40.54 1.26 0.00	27.87 0.89 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.03 0.18 0.00	20.83 0.18 0.00	19.13 0.12 0.00	19.01 0.05 0.00	19.07 0.00 0.00	19.87 0.09 0.00	24.55 0.29 0.00	23.29 0.38 0.00	24.41 0.52 0.00	22.19 0.52 0.00	24.61 0.57 0.00	25.97 0.72 0.00	18.00 0.64 0.00	29.24 1.02 0.00	29.63 1.02 0.00	28.65 0.95 0.00	28.97 0.83 0.00	35.14 1.27 0.00	30.52 1.23 0.00	34.49 1.11 0.00	35.26 1.23 0.00	30.26 0.98 0.00	40.51 1.23 0.00	27.80 0.82 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.89 0.04 0.00	20.70 0.05 0.00	19.00 -0.02 0.00	18.85 -0.12 0.00	18.88 -0.19 0.00	19.68 -0.10 0.00	24.31 0.05 0.00	23.02 0.11 0.00	24.11 0.22 0.00	21.93 0.26 0.00	24.31 0.27 0.00	25.70 0.45 0.00	17.73 0.36 0.00	28.91 0.69 0.00	29.38 0.77 0.00	28.42 0.71 0.00	28.77 0.62 0.00	34.87 1.00 0.00	30.26 0.96 0.00	34.18 0.79 0.00	34.96 0.93 0.00	30.03 0.75 0.00	40.18 0.90 0.00	27.60 0.63 0.00
STA_56___34_KV_BUS2 355983	17.89 0.04 0.00	20.70 0.05 0.00	19.00 -0.02 0.00	18.85 -0.12 0.00	18.88 -0.19 0.00	19.68 -0.10 0.00	24.31 0.05 0.00	23.02 0.11 0.00	24.11 0.22 0.00	21.93 0.26 0.00	24.31 0.27 0.00	25.70 0.45 0.00	17.73 0.36 0.00	28.91 0.69 0.00	29.38 0.77 0.00	28.42 0.71 0.00	28.77 0.62 0.00	34.87 1.00 0.00	30.26 0.96 0.00	34.18 0.79 0.00	34.96 0.93 0.00	30.03 0.75 0.00	40.18 0.90 0.00	27.60 0.63 0.00
STA_67___115KV_BK2 355882	17.98 0.13 0.00	20.80 0.15 0.00	19.10 0.08 0.00	18.94 -0.03 0.00	18.96 -0.11 0.00	19.78 -0.01 0.00	24.42 0.16 0.00	23.14 0.23 0.00	24.22 0.33 0.00	22.03 0.36 0.00	24.43 0.38 0.00	25.82 0.57 0.00	17.80 0.44 0.00	29.02 0.80 0.00	29.51 0.89 0.00	28.53 0.83 0.00	28.87 0.72 0.00	35.00 1.13 0.00	30.39 1.10 0.00	34.33 0.94 0.00	35.14 1.11 0.00	30.20 0.92 0.00	40.42 1.14 0.00	27.79 0.81 0.00
STA_7___115KV_9TRANS 80674	18.11 0.26 0.00	20.95 0.30 0.00	19.23 0.21 0.00	19.06 0.09 0.00	19.09 0.02 0.00	19.91 0.12 0.00	24.60 0.33 0.00	23.31 0.40 0.00	24.41 0.51 0.00	22.20 0.53 0.00	24.63 0.58 0.00	26.05 0.80 0.00	17.96 0.60 0.00	29.30 1.08 0.00	29.82 1.20 0.00	28.83 1.13 0.00	29.19 1.05 0.00	35.40 1.54 0.00	30.75 1.45 0.00	34.72 1.34 0.00	35.52 1.49 0.00	30.50 1.22 0.00	40.81 1.54 0.00	28.04 1.06 0.00
STA_82___115KV_TB1 80780	17.99 0.14 0.00	20.81 0.16 0.00	19.11 0.10 0.00	18.95 -0.01 0.00	18.97 -0.10 0.00	19.78 0.00 0.00	24.44 0.18 0.00	23.16 0.25 0.00	24.25 0.36 0.00	22.05 0.38 0.00	24.45 0.40 0.00	25.83 0.58 0.00	17.82 0.46 0.00	29.04 0.82 0.00	29.54 0.92 0.00	28.56 0.86 0.00	28.90 0.75 0.00	35.03 1.16 0.00	30.42 1.13 0.00	34.36 0.98 0.00	35.18 1.15 0.00	30.23 0.95 0.00	40.46 1.18 0.00	27.81 0.84 0.00
STEEL___WIND 323596	18.13 0.29 0.00	21.04 0.39 0.00	19.30 0.28 0.00	19.05 0.09 0.00	18.99 -0.08 0.00	19.84 0.05 0.00	24.66 0.40 0.00	23.41 0.51 0.00	24.68 0.79 0.00	22.49 0.82 0.00	24.89 0.85 0.00	26.35 1.10 0.00	18.01 0.65 0.00	29.51 1.30 0.00	30.04 1.43 0.00	28.96 1.25 0.00	29.10 0.95 0.00	35.40 1.53 0.00	30.73 1.44 0.00	34.48 1.10 0.00	35.58 1.55 0.00	30.63 1.35 0.00	41.19 1.92 0.00	28.41 1.43 0.00
STEPHTWN_115KV_BK_2 55603	18.54 0.69 0.00	21.34 0.69 0.00	19.59 0.57 0.00	19.58 0.61 0.00	19.72 0.66 0.00	20.47 0.68 0.00	25.05 0.78 0.00	23.74 0.83 0.00	24.70 0.81 0.00	22.97 0.74 -0.56	25.26 0.84 -0.38	26.09 0.84 0.00	24.89 0.56 -6.96	29.23 1.01 0.00	29.56 0.95 0.00	29.82 0.91 -1.21	29.28 1.14 0.00	35.52 1.65 0.00	30.68 1.39 0.00	34.71 1.33 0.00	35.27 1.24 0.00	30.24 0.96 0.00	40.69 1.40 0.00	27.85 0.87 0.00
STEUBEN_REC_LFGE 323667	18.09 0.24 0.00	21.03 0.38 0.00	19.19 0.17 0.00	19.08 0.11 0.00	19.14 0.07 0.00	19.94 0.15 0.00	24.77 0.51 0.00	23.64 0.74 0.00	24.98 1.08 0.00	22.80 1.13 0.00	25.16 1.12 0.00	26.37 1.12 0.00	17.98 0.62 0.00	29.47 1.26 0.00	29.95 1.33 0.00	28.58 0.88 0.00	28.80 0.65 0.00	35.27 1.40 0.00	30.77 1.48 0.00	34.89 1.50 0.00	35.86 1.83 0.00	30.84 1.56 0.00	41.73 2.45 0.00	28.46 1.48 0.00

STONY___BROOK 24151	19.80 1.96 0.00	22.63 1.98 0.00	20.73 1.71 0.00	20.63 1.67 0.00	20.78 1.71 0.00	21.60 1.82 0.00	26.59 2.33 0.00	25.42 2.51 0.00	26.34 2.44 0.00	26.55 2.20 -2.68	28.98 2.75 -2.19	32.94 2.98 -4.71	56.56 2.03 -37.17	112.49 3.30 -80.97	99.31 3.40 -67.30	198.67 3.22 -167.75	236.80 3.32 -205.34	226.26 4.18 -188.21	137.22 3.55 -104.38	71.61 3.35 -34.87	56.85 3.38 -19.44	95.98 3.23 -63.46	44.84 4.30 -1.26	31.02 3.18 -0.86
STURGEON_POOL_HYD 23609	18.87 1.02 0.00	21.60 0.96 0.00	19.83 0.82 0.00	19.79 0.82 0.00	19.95 0.88 0.00	20.68 0.89 0.00	25.39 1.13 0.00	24.24 1.33 0.00	25.33 1.44 0.00	23.00 1.33 0.00	25.60 1.55 0.00	26.89 1.64 0.00	18.52 1.16 0.00	30.10 1.88 0.00	30.59 1.97 0.00	29.68 1.98 0.00	30.27 2.12 0.00	36.66 2.79 0.00	31.58 2.29 0.00	35.40 2.02 0.00	36.02 1.99 0.00	30.96 1.68 0.00	41.62 2.34 0.00	28.69 1.71 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.74 0.90 0.00	21.48 0.83 0.00	19.72 0.70 0.00	19.68 0.71 0.00	19.85 0.78 0.00	20.57 0.79 0.00	25.27 1.01 0.00	24.09 1.18 0.00	25.14 1.25 0.00	20.56 1.14 2.24	23.88 1.35 1.52	26.66 1.41 0.00	-9.37 0.99 27.72	29.89 1.67 0.00	30.35 1.74 0.00	24.61 1.73 4.82	30.00 1.86 0.00	36.34 2.47 0.00	31.36 2.06 0.00	35.19 1.81 0.00	35.86 1.83 0.00	30.78 1.50 0.00	41.35 2.07 0.00	28.46 1.48 0.00
SWANROAD_115KV_TB1 355699	17.57 -0.27 0.00	20.43 -0.22 0.00	18.77 -0.25 0.00	18.49 -0.47 0.00	18.40 -0.67 0.00	19.25 -0.54 0.00	23.92 -0.35 0.00	22.63 -0.28 0.00	23.82 -0.07 0.00	21.71 0.04 0.00	24.02 -0.03 0.00	25.43 0.18 0.00	17.57 0.21 0.00	28.55 0.33 0.00	29.02 0.40 0.00	27.95 0.25 0.00	28.07 -0.08 0.00	34.10 0.24 0.00	29.64 0.35 0.00	33.29 -0.09 0.00	34.39 0.35 0.00	29.67 0.39 0.00	39.78 0.50 0.00	27.58 0.60 0.00
SYNERGY___BIOGAS 323694	18.31 0.46 0.00	21.21 0.56 0.00	19.47 0.45 0.00	19.22 0.26 0.00	19.17 0.11 0.00	20.06 0.27 0.00	24.92 0.65 0.00	23.62 0.71 0.00	24.79 0.90 0.00	22.53 0.86 0.00	24.92 0.87 0.00	26.39 1.14 0.00	18.25 0.89 0.00	29.80 1.58 0.00	30.28 1.67 0.00	29.13 1.43 0.00	29.45 1.30 0.00	35.82 1.95 0.00	31.18 1.88 0.00	35.07 1.68 0.00	36.11 2.08 0.00	31.04 1.76 0.00	41.52 2.25 0.00	28.62 1.64 0.00
SYRACUSE___ENERGY_ST1 323597	17.87 0.02 0.00	20.63 -0.01 0.00	18.98 -0.04 0.00	18.90 -0.07 0.00	19.00 -0.07 0.00	19.76 -0.03 0.00	24.30 0.03 0.00	23.00 0.09 0.00	23.95 0.05 0.00	21.72 0.06 0.00	24.14 0.09 0.00	25.38 0.12 0.00	17.50 0.14 0.00	28.46 0.24 0.00	28.82 0.21 0.00	27.91 0.21 0.00	28.32 0.18 0.00	34.20 0.33 0.00	29.64 0.35 0.00	33.62 0.24 0.00	34.32 0.29 0.00	29.44 0.16 0.00	39.51 0.23 0.00	27.13 0.15 0.00
SYRACUSE___ENERGY_ST2 323598	17.87 0.02 0.00	20.63 -0.01 0.00	18.98 -0.04 0.00	18.90 -0.07 0.00	19.00 -0.07 0.00	19.76 -0.03 0.00	24.30 0.03 0.00	23.00 0.09 0.00	23.95 0.05 0.00	21.72 0.06 0.00	24.14 0.09 0.00	25.38 0.12 0.00	17.50 0.14 0.00	28.46 0.24 0.00	28.82 0.21 0.00	27.91 0.21 0.00	28.32 0.18 0.00	34.20 0.33 0.00	29.64 0.35 0.00	33.62 0.24 0.00	34.32 0.29 0.00	29.44 0.16 0.00	39.51 0.23 0.00	27.13 0.15 0.00
SYRACUSE___POWER 24017	17.87 0.02 0.00	20.63 -0.02 0.00	18.97 -0.04 0.00	18.91 -0.06 0.00	19.00 -0.07 0.00	19.75 -0.04 0.00	24.29 0.03 0.00	23.01 0.09 0.00	23.98 0.09 0.00	21.77 0.10 0.00	24.16 0.11 0.00	25.40 0.15 0.00	17.46 0.10 0.00	28.47 0.25 0.00	28.82 0.21 0.00	27.91 0.21 0.00	28.33 0.19 0.00	34.22 0.35 0.00	29.65 0.36 0.00	33.64 0.25 0.00	34.34 0.31 0.00	29.45 0.17 0.00	39.55 0.27 0.00	27.17 0.19 0.00
TALLMAN___138KV_BK151 55660	18.87 1.02 0.00	21.59 0.94 0.00	19.81 0.79 0.00	19.76 0.80 0.00	19.95 0.88 0.00	20.68 0.89 0.00	25.43 1.16 0.00	24.27 1.36 0.00	25.33 1.44 0.00	19.91 1.33 3.09	23.52 1.56 2.09	26.89 1.64 0.00	-19.64 1.13 38.13	30.10 1.88 0.00	30.63 2.01 0.00	23.08 2.01 6.63	30.27 2.12 0.00	36.64 2.77 0.00	31.61 2.31 0.00	35.41 2.03 0.00	36.07 2.04 0.00	30.98 1.70 0.00	41.57 2.29 0.00	28.64 1.66 0.00
TEALLAVE_115KV_TB7 355573	17.78 -0.07 0.00	20.53 -0.12 0.00	18.88 -0.14 0.00	18.81 -0.15 0.00	18.91 -0.16 0.00	19.65 -0.13 0.00	24.17 -0.09 0.00	22.88 -0.03 0.00	23.85 -0.04 0.00	21.65 -0.02 0.00	24.04 0.00 0.00	25.28 0.03 0.00	17.36 0.00 0.00	28.31 0.09 0.00	28.66 0.04 0.00	27.74 0.04 0.00	28.16 0.01 0.00	34.00 0.14 0.00	29.45 0.16 0.00	33.42 0.03 0.00	34.11 0.08 0.00	29.27 -0.01 0.00	39.30 0.02 0.00	27.01 0.04 0.00
TELGRAPH_34_KV_EAST 80808	17.99 0.14 0.00	20.87 0.22 0.00	19.16 0.14 0.00	18.90 -0.07 0.00	18.83 -0.24 0.00	19.69 -0.09 0.00	24.46 0.20 0.00	23.17 0.26 0.00	24.38 0.48 0.00	22.20 0.53 0.00	24.58 0.54 0.00	26.03 0.78 0.00	18.01 0.65 0.00	29.30 1.08 0.00	29.75 1.14 0.00	28.67 0.97 0.00	28.88 0.73 0.00	35.09 1.22 0.00	30.51 1.21 0.00	34.28 0.89 0.00	35.33 1.30 0.00	30.44 1.16 0.00	40.78 1.50 0.00	28.18 1.21 0.00
TEMPLE___115KV_TB 2 55572	17.80 -0.05 0.00	20.55 -0.10 0.00	18.90 -0.12 0.00	18.83 -0.13 0.00	18.92 -0.14 0.00	19.67 -0.12 0.00	24.19 -0.07 0.00	22.90 -0.01 0.00	23.87 -0.02 0.00	21.68 0.01 0.00	24.06 0.02 0.00	25.31 0.06 0.00	17.38 0.02 0.00	28.35 0.13 0.00	28.69 0.08 0.00	27.78 0.07 0.00	28.19 0.05 0.00	34.04 0.17 0.00	29.49 0.19 0.00	33.45 0.06 0.00	34.14 0.11 0.00	29.30 0.02 0.00	39.34 0.06 0.00	27.04 0.06 0.00
TIANA___69_KV_BK 1 55817	20.19 2.34 0.00	23.04 2.39 0.00	21.10 2.08 0.00	20.98 2.01 0.00	21.13 2.06 0.00	21.97 2.19 0.00	27.05 2.78 0.00	25.88 2.98 0.00	26.99 3.09 0.00	27.14 2.78 -2.68	29.57 3.34 -2.18	33.50 3.62 -4.63	56.61 2.48 -36.78	94.87 4.07 -62.58	85.17 4.25 -52.31	160.86 4.12 -129.04	189.25 4.28 -156.82	204.69 5.43 -165.40	144.30 4.61 -110.39	66.54 4.46 -28.69	51.77 4.46 -13.27	82.59 4.05 -49.26	45.90 5.37 -1.25	31.66 3.82 -0.86
TILDEN___115KV_TB1 80814	17.87 0.02 0.00	20.63 -0.02 0.00	18.97 -0.04 0.00	18.91 -0.06 0.00	19.00 -0.07 0.00	19.75 -0.04 0.00	24.29 0.03 0.00	23.01 0.09 0.00	23.98 0.09 0.00	21.77 0.10 0.00	24.16 0.11 0.00	25.40 0.15 0.00	17.46 0.10 0.00	28.47 0.25 0.00	28.82 0.21 0.00	27.91 0.21 0.00	28.33 0.19 0.00	34.22 0.35 0.00	29.65 0.36 0.00	33.64 0.25 0.00	34.34 0.31 0.00	29.45 0.17 0.00	39.55 0.27 0.00	27.17 0.19 0.00
TRIGEN___CC 323695	19.26 1.41 0.00	22.01 1.36 0.00	20.18 1.17 0.00	20.11 1.15 0.00	20.27 1.21 0.00	21.04 1.26 0.00	25.89 1.62 0.00	24.69 1.78 0.00	25.75 1.85 0.00	26.05 1.70 -2.68	28.31 2.08 -2.18	31.82 2.16 -4.40	52.17 1.50 -33.31	36.84 2.45 -6.17	37.53 2.59 -6.33	40.53 2.54 -10.30	44.19 2.65 -13.39	48.60 3.42 -11.31	40.78 2.87 -8.62	36.10 2.62 -0.10	36.66 2.63 0.00	37.34 2.39 -5.67	43.70 3.17 -1.25	30.21 2.37 -0.86

TRINITY__115KV__4 BK 55933	18.37 0.52 0.00	21.16 0.51 0.00	19.46 0.45 0.00	19.47 0.50 0.00	19.61 0.54 0.00	20.31 0.53 0.00	24.81 0.54 0.00	23.48 0.57 0.00	24.47 0.57 0.00	22.72 0.49 -0.57	24.94 0.51 -0.38	25.73 0.48 0.00	24.64 0.34 -6.94	28.82 0.60 0.00	29.18 0.57 0.00	29.43 0.52 -1.21	28.82 0.67 0.00	34.92 1.05 0.00	30.18 0.89 0.00	34.17 0.79 0.00	34.81 0.78 0.00	29.84 0.56 0.00	40.15 0.86 0.00	27.54 0.57 0.00
UNION__PROCESSING_DRP 323587	18.00 0.15 0.00	20.82 0.17 0.00	19.12 0.10 0.00	18.96 -0.01 0.00	18.98 -0.09 0.00	19.79 0.01 0.00	24.45 0.18 0.00	23.17 0.26 0.00	24.26 0.36 0.00	22.06 0.39 0.00	24.45 0.41 0.00	25.85 0.60 0.00	17.83 0.47 0.00	29.05 0.83 0.00	29.56 0.94 0.00	28.57 0.87 0.00	28.91 0.76 0.00	35.06 1.19 0.00	30.43 1.14 0.00	34.38 1.00 0.00	35.20 1.16 0.00	30.24 0.96 0.00	40.49 1.21 0.00	27.84 0.86 0.00
UPPER HUDSON__HYD 24058	18.63 0.79 0.00	21.32 0.68 0.00	19.66 0.64 0.00	19.70 0.73 0.00	19.85 0.78 0.00	20.43 0.65 0.00	25.03 0.77 0.00	23.69 0.78 0.00	24.67 0.78 0.00	22.86 0.65 -0.54	25.05 0.64 -0.37	25.86 0.61 0.00	24.49 0.44 -6.69	29.11 0.89 0.00	29.47 0.85 0.00	29.87 1.00 -1.16	29.35 1.21 0.00	35.70 1.83 0.00	30.96 1.66 0.00	35.03 1.64 0.00	35.67 1.64 0.00	30.70 1.42 0.00	41.28 2.00 0.00	28.16 1.18 0.00
UPPER RAQUET__HYD 24056	16.88 -0.96 0.00	19.66 -0.99 0.00	18.33 -0.69 0.00	18.25 -0.71 0.00	18.30 -0.77 0.00	19.03 -0.76 0.00	23.21 -1.05 0.00	21.74 -1.17 0.00	22.68 -1.21 0.00	20.58 -1.09 0.00	22.85 -1.20 0.00	23.97 -1.27 0.00	16.50 -0.86 0.00	26.65 -1.57 0.00	26.97 -1.65 0.00	26.14 -1.56 0.00	26.50 -1.65 0.00	30.27 -2.17 1.43	27.50 -1.79 0.00	31.85 -1.53 0.00	32.48 -1.56 0.00	27.93 -1.35 0.00	37.11 -2.17 0.00	25.37 -1.61 0.00
VALLEY44_115KV_TB2 355964	18.35 0.50 0.00	21.20 0.55 0.00	19.43 0.41 0.00	19.29 0.32 0.00	19.32 0.26 0.00	20.13 0.35 0.00	25.05 0.78 0.00	23.89 0.98 0.00	25.14 1.25 0.00	22.94 1.27 0.00	25.29 1.25 0.00	26.47 1.22 0.00	17.92 0.56 0.00	29.63 1.41 0.00	30.24 1.62 0.00	29.11 1.41 0.00	29.26 1.12 0.00	35.59 1.72 0.00	30.85 1.56 0.00	34.49 1.11 0.00	35.54 1.50 0.00	30.63 1.35 0.00	41.47 2.19 0.00	28.56 1.58 0.00
VALLEY__115KV_TB 1-4 80826	17.77 -0.08 0.00	20.48 -0.17 0.00	18.84 -0.18 0.00	18.86 -0.10 0.00	19.02 -0.05 0.00	19.73 -0.05 0.00	24.21 -0.05 0.00	22.91 0.00 0.00	23.95 0.05 0.00	21.62 -0.05 0.00	23.99 -0.05 0.00	25.07 -0.18 0.00	17.56 0.20 0.00	28.20 -0.02 0.00	28.48 -0.14 0.00	27.53 -0.17 0.00	28.07 -0.08 0.00	34.44 0.27 -0.30	29.72 0.42 0.00	33.76 0.37 0.00	34.11 0.08 0.00	29.39 0.11 0.00	39.66 0.38 0.00	27.14 0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.57 0.72 0.00	21.41 0.76 0.00	19.68 0.66 0.00	19.64 0.67 0.00	19.77 0.70 0.00	20.51 0.72 0.00	25.22 0.95 0.00	23.94 1.03 0.00	24.98 1.09 0.00	22.67 1.00 0.00	25.14 1.09 0.00	26.38 1.13 0.00	18.02 0.66 0.00	29.46 1.24 0.00	29.97 1.36 0.00	29.05 1.35 0.00	29.56 1.41 0.00	35.78 1.91 0.00	30.98 1.69 0.00	35.02 1.64 0.00	35.68 1.65 0.00	30.65 1.37 0.00	41.13 1.85 0.00	28.25 1.27 0.00
VISCHER__FERRY HYD 24020	18.65 0.81 0.00	21.48 0.83 0.00	19.77 0.76 0.00	19.78 0.81 0.00	19.92 0.85 0.00	20.64 0.85 0.00	25.19 0.93 0.00	23.82 0.91 0.00	24.81 0.91 0.00	23.00 0.76 -0.57	25.28 0.85 -0.39	26.06 0.81 0.00	25.02 0.57 -7.09	29.20 0.98 0.00	29.53 0.91 0.00	29.77 0.83 -1.23	29.16 1.01 0.00	35.37 1.50 0.00	30.61 1.32 0.00	34.71 1.32 0.00	35.39 1.35 0.00	30.33 1.05 0.00	40.89 1.61 0.00	28.02 1.04 0.00
V_A_10_SYNC_DSASP 323832	17.75 -0.09 0.00	20.59 -0.06 0.00	18.90 -0.11 0.00	18.68 -0.29 0.00	18.63 -0.44 0.00	19.45 -0.33 0.00	24.12 -0.15 0.00	22.84 -0.07 0.00	24.02 0.12 0.00	21.87 0.20 0.00	24.19 0.14 0.00	25.56 0.31 0.00	17.62 0.26 0.00	28.68 0.47 0.00	29.17 0.55 0.00	28.12 0.42 0.00	28.30 0.15 0.00	34.37 0.50 0.00	29.84 0.54 0.00	33.54 0.16 0.00	34.55 0.52 0.00	29.79 0.51 0.00	39.98 0.70 0.00	27.65 0.67 0.00
V_CMM_10_SYNC_DSASP 323787	17.52 -0.32 0.00	20.40 -0.24 0.00	18.87 -0.15 0.00	18.79 -0.17 0.00	18.84 -0.23 0.00	19.57 -0.21 0.00	23.96 -0.30 0.00	22.47 -0.44 0.00	23.49 -0.40 0.00	21.31 -0.36 0.00	23.63 -0.41 0.00	24.83 -0.42 0.00	17.08 -0.28 0.00	27.68 -0.54 0.00	27.99 -0.62 0.00	27.12 -0.58 0.00	27.47 -0.68 0.00	32.37 -1.07 0.43	28.36 -0.94 0.00	32.70 -0.68 0.00	33.39 -0.65 0.00	28.81 -0.47 0.00	38.40 -0.88 0.00	26.32 -0.65 0.00
V_CMP_10_SYNC_DSASP 323788	17.25 -0.60 0.00	20.11 -0.54 0.00	18.72 -0.30 0.00	18.56 -0.41 0.00	18.51 -0.55 0.00	19.22 -0.57 0.00	23.96 -0.30 0.00	22.66 -0.25 0.00	23.77 -0.12 0.00	21.69 0.02 0.00	24.01 -0.03 0.00	25.16 -0.08 0.00	17.13 -0.23 0.00	27.60 -0.62 0.00	27.72 -0.89 0.00	26.91 -0.80 0.00	27.35 -0.80 0.00	32.67 -0.70 0.50	28.86 -0.44 0.00	33.38 0.00 0.00	33.89 -0.14 0.00	28.90 -0.38 0.00	38.17 -1.11 0.00	25.91 -1.07 0.00
V_E_10_SYNC_DSASP 323830	18.81 0.96 0.00	21.69 1.04 0.00	20.00 0.98 0.00	19.97 1.00 0.00	20.01 0.94 0.00	21.01 1.23 0.00	26.05 1.79 0.00	24.76 1.85 0.00	25.80 1.91 0.00	23.22 1.55 0.00	25.68 1.64 0.00	26.85 1.60 0.00	18.67 1.31 0.00	30.20 1.98 0.00	30.61 2.00 0.00	29.82 2.12 0.00	30.45 2.31 0.00	37.25 3.38 0.00	32.41 3.12 0.00	36.70 3.31 0.00	37.56 3.53 0.00	32.03 2.75 0.00	42.85 3.57 0.00	29.34 2.36 0.00
V_F_30_NSYNC__DSASP 323816	18.85 1.00 0.00	21.67 1.02 0.00	19.95 0.93 0.00	19.94 0.98 0.00	20.09 1.02 0.00	20.80 1.02 0.00	25.44 1.18 0.00	24.07 1.16 0.00	25.07 1.18 0.00	23.23 1.01 -0.55	25.51 1.10 -0.37	26.36 1.11 0.00	24.90 0.79 -6.75	29.61 1.39 0.00	29.96 1.34 0.00	30.21 1.33 -1.17	29.68 1.54 0.00	36.03 2.16 0.00	31.19 1.90 0.00	35.34 1.96 0.00	36.00 1.97 0.00	30.89 1.61 0.00	41.54 2.26 0.00	28.43 1.45 0.00
V_F_30_SYNC_DSASP 323786	18.42 0.57 0.00	21.22 0.57 0.00	19.52 0.50 0.00	19.52 0.55 0.00	19.66 0.59 0.00	20.37 0.59 0.00	24.88 0.62 0.00	23.58 0.67 0.00	24.56 0.67 0.00	22.80 0.57 -0.56	25.09 0.67 -0.38	25.92 0.67 0.00	24.74 0.47 -6.91	29.05 0.83 0.00	29.40 0.79 0.00	29.65 0.75 -1.20	29.05 0.90 0.00	35.20 1.33 0.00	30.42 1.12 0.00	34.41 1.03 0.00	35.06 1.03 0.00	30.05 0.77 0.00	40.40 1.12 0.00	27.72 0.74 0.00
V_XM_10_SYNC_DSASP 323789	17.25 -0.60 0.00	20.11 -0.54 0.00	18.72 -0.30 0.00	18.56 -0.41 0.00	18.51 -0.55 0.00	19.22 -0.57 0.00	23.96 -0.30 0.00	22.66 -0.25 0.00	23.77 -0.12 0.00	21.69 0.02 0.00	24.01 -0.03 0.00	25.16 -0.08 0.00	17.13 -0.23 0.00	27.60 -0.62 0.00	27.72 -0.89 0.00	26.91 -0.80 0.00	27.35 -0.80 0.00	32.67 -0.70 0.50	28.86 -0.44 0.00	33.38 0.00 0.00	33.89 -0.14 0.00	28.90 -0.38 0.00	38.17 -1.11 0.00	25.91 -1.07 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.93 1.09 0.00	21.67 1.02 0.00	19.88 0.86 0.00	19.83 0.87 0.00	20.02 0.95 0.00	20.75 0.96 0.00	25.52 1.25 0.00	24.35 1.44 0.00	25.43 1.54 0.00	19.76 1.40 3.30	23.44 1.63 2.23	26.97 1.72 0.00	-22.24 1.19 40.79	30.20 1.98 0.00	30.72 2.10 0.00	22.71 2.10 7.10	30.36 2.21 0.00	36.76 2.89 0.00	31.70 2.41 0.00	35.52 2.13 0.00	36.18 2.15 0.00	31.07 1.79 0.00	41.70 2.42 0.00	28.71 1.73 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.02 1.18 0.00	21.73 1.08 0.00	19.95 0.93 0.00	19.89 0.92 0.00	20.07 1.00 0.00	20.80 1.01 0.00	25.58 1.32 0.00	24.45 1.54 0.00	25.57 1.67 0.00	25.69 1.57 -2.45	27.55 1.85 -1.66	27.21 1.96 0.00	48.98 1.35 -30.27	30.43 2.21 0.00	30.98 2.37 0.00	35.32 2.35 -5.27	30.60 2.46 0.00	37.03 3.16 0.00	31.92 2.62 0.00	35.69 2.30 0.00	36.34 2.31 0.00	31.31 2.03 0.00	42.03 2.76 0.00	28.94 1.96 0.00
W50THST__13_KV_LOAD 356117	19.12 1.28 0.00	21.84 1.19 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.16 1.09 0.00	20.91 1.12 0.00	25.73 1.47 0.00	24.63 1.71 0.00	25.76 1.87 0.00	25.89 1.77 -2.45	27.78 2.08 -1.66	27.44 2.19 0.00	49.13 1.51 -30.27	30.70 2.48 0.00	31.24 2.63 0.00	35.58 2.61 -5.27	30.86 2.71 0.00	37.32 3.46 0.00	32.15 2.85 0.00	35.94 2.55 0.00	36.59 2.55 0.00	31.53 2.25 0.00	42.34 3.06 0.00	29.13 2.16 0.00
WADING RIVER_IC_1 23522	19.98 2.13 0.00	22.81 2.16 0.00	20.90 1.89 0.00	20.79 1.82 0.00	20.94 1.87 0.00	21.77 1.99 0.00	26.79 2.53 0.00	25.62 2.71 0.00	26.66 2.77 0.00	26.81 2.46 -2.68	29.18 2.95 -2.19	33.08 3.19 -4.63	56.28 2.17 -36.75	94.25 3.57 -62.46	84.53 3.71 -52.21	160.05 3.56 -128.79	188.33 3.70 -156.47	193.74 4.72 -155.15	132.32 4.02 -99.00	64.45 3.86 -27.20	51.11 3.88 -13.20	82.03 3.59 -49.16	45.31 4.78 -1.25	31.30 3.46 -0.86
WADING RIVER_IC_2 23547	19.98 2.13 0.00	22.81 2.16 0.00	20.90 1.89 0.00	20.79 1.82 0.00	20.94 1.87 0.00	21.77 1.99 0.00	26.79 2.53 0.00	25.62 2.71 0.00	26.66 2.77 0.00	26.81 2.46 -2.68	29.18 2.95 -2.19	33.08 3.19 -4.63	56.28 2.17 -36.75	94.25 3.57 -62.46	84.53 3.71 -52.21	160.05 3.56 -128.79	188.33 3.70 -156.47	193.74 4.72 -155.15	132.32 4.02 -99.00	64.45 3.86 -27.20	51.11 3.88 -13.20	82.03 3.59 -49.16	45.31 4.78 -1.25	31.30 3.46 -0.86
WADING RIVER_IC_3 23601	19.98 2.13 0.00	22.81 2.16 0.00	20.90 1.89 0.00	20.79 1.82 0.00	20.94 1.87 0.00	21.77 1.99 0.00	26.79 2.53 0.00	25.62 2.71 0.00	26.66 2.77 0.00	26.81 2.46 -2.68	29.18 2.95 -2.19	33.08 3.19 -4.63	56.28 2.17 -36.75	94.25 3.57 -62.46	84.53 3.71 -52.21	160.05 3.56 -128.79	188.33 3.70 -156.47	193.74 4.72 -155.15	132.32 4.02 -99.00	64.45 3.86 -27.20	51.11 3.88 -13.20	82.03 3.59 -49.16	45.31 4.78 -1.25	31.30 3.46 -0.86
WALDENNY_I2_KV_BK2 80841	18.06 0.21 0.00	20.95 0.30 0.00	19.23 0.21 0.00	18.98 0.01 0.00	18.90 -0.16 0.00	19.76 -0.03 0.00	24.55 0.28 0.00	23.30 0.39 0.00	24.55 0.66 0.00	22.39 0.72 0.00	24.78 0.73 0.00	26.23 0.98 0.00	18.02 0.66 0.00	29.42 1.20 0.00	29.93 1.32 0.00	28.84 1.14 0.00	29.00 0.85 0.00	35.28 1.42 0.00	30.64 1.35 0.00	34.37 0.98 0.00	35.46 1.42 0.00	30.53 1.25 0.00	41.02 1.74 0.00	28.31 1.33 0.00
WALDEN__HYDRO 24148	18.94 1.10 0.00	21.71 1.06 0.00	19.92 0.90 0.00	19.87 0.91 0.00	20.04 0.97 0.00	20.77 0.99 0.00	25.52 1.25 0.00	24.34 1.43 0.00	25.30 1.40 0.00	22.38 1.27 0.56	25.14 1.47 0.38	26.78 1.53 0.00	11.52 1.06 6.90	30.00 1.78 0.00	30.49 1.88 0.00	28.39 1.88 1.20	30.17 2.02 0.00	36.56 2.69 0.00	31.55 2.25 0.00	35.43 2.04 0.00	36.08 2.05 0.00	30.98 1.70 0.00	41.61 2.33 0.00	28.63 1.66 0.00
WARRENSBURG____ 23737	18.63 0.79 0.00	21.32 0.68 0.00	19.66 0.64 0.00	19.70 0.73 0.00	19.85 0.78 0.00	20.43 0.65 0.00	25.03 0.77 0.00	23.69 0.78 0.00	24.67 0.78 0.00	22.86 0.65 -0.54	25.05 0.64 -0.37	25.86 0.61 0.00	24.49 0.44 -6.69	29.11 0.89 0.00	29.47 0.85 0.00	29.87 1.00 -1.16	29.35 1.21 0.00	35.70 1.83 0.00	30.96 1.66 0.00	35.03 1.64 0.00	35.67 1.64 0.00	30.70 1.42 0.00	41.28 2.00 0.00	28.16 1.18 0.00
WATERSIDE____6 8 9 23538	19.04 1.19 0.00	21.74 1.09 0.00	19.97 0.95 0.00	19.90 0.93 0.00	20.07 1.00 0.00	20.81 1.03 0.00	25.60 1.33 0.00	24.47 1.56 0.00	25.59 1.69 0.00	25.69 1.57 -2.45	27.54 1.84 -1.66	27.21 1.96 0.00	48.96 1.35 -30.25	30.41 2.20 0.00	30.97 2.35 0.00	35.29 2.32 -5.26	30.53 2.42 0.03	36.97 3.11 0.00	31.89 2.60 0.00	35.63 2.24 0.00	36.30 2.27 0.00	31.32 2.04 0.00	42.01 2.73 0.00	28.94 1.96 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.86 0.01 0.00	20.60 -0.05 0.00	18.95 -0.06 0.00	18.95 -0.02 0.00	19.09 0.02 0.00	19.80 0.01 0.00	24.27 0.00 0.00	22.97 0.06 0.00	23.98 0.09 0.00	21.67 0.00 0.00	24.04 -0.01 0.00	25.18 -0.07 0.00	17.45 0.09 0.00	28.26 0.04 0.00	28.58 -0.03 0.00	27.66 -0.04 0.00	28.18 0.03 0.00	34.45 0.28 -0.30	29.65 0.35 0.00	33.69 0.31 0.00	34.18 0.15 0.00	29.40 0.12 0.00	39.56 0.28 0.00	27.11 0.13 0.00
WATSON__69_KV_BK 1 55734	19.92 2.07 0.00	22.75 2.10 0.00	20.83 1.81 0.00	20.74 1.77 0.00	20.89 1.82 0.00	21.71 1.93 0.00	26.73 2.47 0.00	25.56 2.65 0.00	26.63 2.74 0.00	26.82 2.47 -2.68	29.19 2.96 -2.18	32.95 3.18 -4.52	58.61 2.19 -39.07	66.15 3.59 -34.33	61.59 3.70 -29.28	100.75 3.48 -69.57	116.80 3.59 -85.07	109.92 4.58 -71.47	73.11 3.89 -39.93	49.10 3.71 -12.01	44.45 3.72 -6.71	60.21 3.50 -27.43	45.25 4.72 -1.25	31.26 3.43 -0.86
WDELAWARE__HYD 323627	18.64 0.79 0.00	21.36 0.71 0.00	19.60 0.58 0.00	19.54 0.58 0.00	19.70 0.63 0.00	20.43 0.64 0.00	25.10 0.84 0.00	23.93 1.03 0.00	25.02 1.12 0.00	22.22 0.90 0.35	24.27 0.46 0.24	25.75 0.51 0.00	13.28 0.24 4.33	28.69 0.47 0.00	29.40 0.78 0.00	27.90 0.95 0.75	29.23 1.09 0.00	35.51 1.65 0.00	30.64 1.35 0.00	34.47 1.09 0.00	35.04 1.01 0.00	30.19 0.91 0.00	41.27 1.99 0.00	28.39 1.42 0.00
WEST BABYLON__IC 23714	19.77 1.92 0.00	22.58 1.94 0.00	20.68 1.66 0.00	20.59 1.63 0.00	20.74 1.67 0.00	21.56 1.78 0.00	26.53 2.27 0.00	25.36 2.45 0.00	26.44 2.55 0.00	26.66 2.31 -2.68	28.99 2.77 -2.18	32.63 2.95 -4.43	55.11 2.05 -35.70	44.50 3.33 -12.95	43.88 3.41 -11.85	55.52 3.24 -24.57	62.09 3.35 -30.60	64.37 4.30 -26.20	49.81 3.65 -16.86	39.81 3.43 -3.00	39.03 3.44 -1.56	43.44 3.25 -10.91	44.93 4.40 -1.25	31.05 3.21 -0.86
WEST CANADA__HYD 24049	17.87 0.02 0.00	20.65 0.00 0.00	19.02 0.00 0.00	18.97 0.01 0.00	19.09 0.02 0.00	19.80 0.01 0.00	24.27 0.00 0.00	22.96 0.05 0.00	23.92 0.02 0.00	21.69 0.02 0.00	24.08 0.03 0.00	25.27 0.03 0.00	17.38 0.02 0.00	28.25 0.03 0.00	28.64 0.03 0.00	27.70 0.00 0.00	28.18 0.03 0.00	34.28 0.11 -0.30	29.42 0.13 0.00	33.45 0.06 0.00	34.07 0.03 0.00	29.29 0.01 0.00	39.34 0.06 0.00	27.01 0.03 0.00



WESTERN_NY_WIND 24143	18.29 0.45 0.00	21.18 0.54 0.00	19.45 0.43 0.00	19.20 0.24 0.00	19.16 0.09 0.00	20.03 0.25 0.00	24.89 0.63 0.00	23.59 0.68 0.00	24.77 0.88 0.00	22.50 0.84 0.00	24.90 0.85 0.00	26.36 1.11 0.00	18.23 0.87 0.00	29.78 1.56 0.00	30.25 1.64 0.00	29.11 1.40 0.00	29.41 1.27 0.00	35.78 1.91 0.00	31.14 1.85 0.00	35.02 1.64 0.00	36.06 2.03 0.00	31.01 1.73 0.00	41.49 2.20 0.00	28.60 1.62 0.00
WESTOVER___LESR 323668	18.13 0.28 0.00	20.89 0.25 0.00	19.20 0.18 0.00	19.15 0.18 0.00	19.25 0.18 0.00	19.98 0.20 0.00	24.66 0.39 0.00	23.45 0.54 0.00	24.53 0.63 0.00	22.27 0.61 0.00	24.66 0.62 0.00	25.88 0.63 0.00	17.76 0.40 0.00	29.02 0.80 0.00	29.47 0.86 0.00	28.53 0.83 0.00	28.88 0.73 0.00	35.01 1.14 0.00	30.32 1.02 0.00	34.17 0.79 0.00	34.98 0.95 0.00	29.99 0.71 0.00	40.50 1.22 0.00	27.74 0.76 0.00
WETHRSFD_WT_PWR 323626	17.92 0.08 0.00	20.83 0.18 0.00	19.08 0.06 0.00	18.88 -0.09 0.00	18.84 -0.23 0.00	19.66 -0.12 0.00	24.41 0.14 0.00	23.26 0.35 0.00	24.51 0.62 0.00	22.38 0.71 0.00	24.71 0.66 0.00	26.04 0.79 0.00	17.80 0.44 0.00	28.96 0.74 0.00	29.38 0.77 0.00	28.30 0.60 0.00	28.50 0.35 0.00	34.77 0.91 0.00	30.24 0.94 0.00	34.11 0.72 0.00	35.19 1.16 0.00	30.30 1.02 0.00	40.75 1.47 0.00	28.00 1.03 0.00
WHAVSTOR_138KV_BK127 55557	18.86 1.01 0.00	21.57 0.93 0.00	19.80 0.79 0.00	19.76 0.79 0.00	19.94 0.87 0.00	20.67 0.88 0.00	25.41 1.14 0.00	24.25 1.34 0.00	25.31 1.42 0.00	19.62 1.29 3.34	23.29 1.51 2.26	26.83 1.58 0.00	-22.87 1.09 41.32	30.03 1.81 0.00	30.55 1.94 0.00	22.45 1.93 7.19	30.19 2.04 0.00	36.54 2.67 0.00	31.53 2.24 0.00	35.33 1.94 0.00	35.99 1.96 0.00	30.92 1.64 0.00	41.51 2.23 0.00	28.59 1.62 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.86 1.01 0.00	21.57 0.93 0.00	19.80 0.79 0.00	19.76 0.79 0.00	19.94 0.87 0.00	20.67 0.88 0.00	25.41 1.14 0.00	24.25 1.34 0.00	25.31 1.42 0.00	19.62 1.29 3.34	23.29 1.51 2.26	26.83 1.58 0.00	-22.87 1.09 41.32	30.03 1.81 0.00	30.55 1.94 0.00	22.45 1.93 7.19	30.19 2.04 0.00	36.54 2.67 0.00	31.53 2.24 0.00	35.33 1.94 0.00	35.99 1.96 0.00	30.92 1.64 0.00	41.51 2.23 0.00	28.59 1.62 0.00
WHITEHAL_115KV_TB1 80871	19.21 1.36 0.00	21.70 1.05 0.00	20.17 1.15 0.00	20.32 1.35 0.00	20.49 1.42 0.00	21.10 1.31 0.00	25.89 1.63 0.00	24.46 1.55 0.00	25.40 1.50 0.00	23.37 1.16 -0.54	25.50 1.09 -0.37	26.37 1.12 0.00	24.82 0.74 -6.72	29.80 1.58 0.00	30.11 1.50 0.00	30.92 2.05 -1.17	30.41 2.27 0.00	37.14 3.28 0.00	32.38 3.09 0.00	36.57 3.19 0.00	37.24 3.21 0.00	31.83 2.55 0.00	43.05 3.77 0.00	29.08 2.11 0.00
WHITEPLN_13_KV_LOAD 356215	19.07 1.22 0.00	21.81 1.16 0.00	20.02 1.00 0.00	19.96 1.00 0.00	20.14 1.07 0.00	20.88 1.10 0.00	25.66 1.40 0.00	24.51 1.60 0.00	25.61 1.72 0.00	25.86 1.59 -2.60	27.73 1.93 -1.76	27.28 2.03 0.00	51.00 1.48 -32.16	30.66 2.44 0.00	31.04 2.43 0.00	35.69 2.40 -5.59	30.65 2.51 0.00	37.12 3.25 0.00	32.00 2.71 0.00	35.82 2.44 0.00	36.48 2.45 0.00	31.37 2.09 0.00	42.12 2.84 0.00	28.99 2.01 0.00
WM_FLOYD_69_KV_BK2 356380	19.92 2.08 0.00	22.74 2.10 0.00	20.84 1.82 0.00	20.73 1.76 0.00	20.88 1.81 0.00	21.71 1.92 0.00	26.71 2.45 0.00	25.55 2.64 0.00	26.58 2.69 0.00	26.72 2.37 -2.68	29.08 2.85 -2.18	32.96 3.08 -4.64	56.38 2.11 -36.90	94.99 3.45 -63.33	85.08 3.56 -52.91	161.73 3.42 -130.61	190.60 3.56 -158.89	229.83 4.55 -191.41	171.52 3.88 -138.34	69.69 3.73 -32.57	51.42 3.76 -13.63	82.57 3.46 -49.83	45.15 4.62 -1.25	31.19 3.35 -0.86
WOODARD___115KV_TB2 355635	17.73 -0.11 0.00	20.48 -0.16 0.00	18.84 -0.18 0.00	18.77 -0.20 0.00	18.86 -0.20 0.00	19.60 -0.18 0.00	24.10 -0.16 0.00	22.81 -0.10 0.00	23.77 -0.13 0.00	21.57 -0.09 0.00	23.95 -0.09 0.00	25.19 -0.06 0.00	17.30 -0.05 0.00	28.21 -0.01 0.00	28.56 -0.05 0.00	27.65 -0.05 0.00	28.06 -0.08 0.00	33.89 0.02 0.00	29.36 0.07 0.00	33.32 -0.06 0.00	34.00 -0.03 0.00	29.18 -0.10 0.00	39.17 -0.11 0.00	26.92 -0.06 0.00
YORK___WARBASSE 23770	19.12 1.27 0.00	21.83 1.18 0.00	20.05 1.03 0.00	19.98 1.01 0.00	20.14 1.07 0.00	20.89 1.11 0.00	25.69 1.43 0.00	24.56 1.65 0.00	25.68 1.78 0.00	25.77 1.65 -2.45	27.64 1.94 -1.66	27.34 2.09 0.00	49.07 1.45 -30.26	30.57 2.34 0.00	31.12 2.50 0.00	35.44 2.48 -5.27	30.92 2.58 -0.19	37.20 3.33 0.00	32.09 2.79 0.00	35.85 2.46 0.00	36.53 2.49 0.00	31.51 2.22 0.00	42.23 2.95 0.00	29.11 2.13 0.00