

ARTHUR_KILL_COGEN 323718	38.84 2.04 0.00	33.18 1.72 0.00	31.71 1.41 0.00	30.43 1.07 0.00	28.35 1.05 0.00	27.85 1.07 0.00	30.35 1.17 0.00	30.50 1.29 0.00	30.08 1.28 0.00	27.79 1.28 0.00	26.71 1.38 0.00	28.32 1.53 0.00	32.12 1.74 0.00	30.38 1.72 0.00	30.08 2.02 -0.01	37.89 2.58 0.81	39.62 2.68 0.85	44.06 2.91 2.81	48.84 2.84 0.00	42.87 2.41 0.01	45.42 2.47 0.00	37.87 2.38 -0.01	36.07 2.14 0.00	34.45 2.06 0.00
ASHOKAN____ 23654	38.09 1.29 0.00	32.55 1.08 0.00	31.34 1.04 0.00	30.36 0.99 0.00	28.23 0.94 0.00	27.75 0.97 0.00	30.22 1.05 0.00	30.36 1.15 0.00	29.76 0.96 0.00	27.19 0.67 0.00	25.99 0.65 0.00	27.39 0.60 0.00	30.99 0.62 0.00	29.31 0.65 0.00	29.01 0.95 0.00	37.44 1.33 0.00	39.30 1.51 0.00	46.12 2.17 0.00	48.50 2.49 0.00	42.73 2.27 0.00	45.21 2.26 0.00	37.33 1.84 0.00	35.40 1.47 0.00	33.73 1.35 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.54 1.74 0.00	32.81 1.34 0.00	31.28 0.98 0.00	30.28 0.92 0.00	28.23 0.94 0.00	27.72 0.94 0.00	30.17 1.00 0.00	30.36 1.14 0.00	30.01 1.21 0.00	27.77 1.26 0.00	26.67 1.34 0.00	28.30 1.52 0.00	32.06 1.68 0.00	30.35 1.69 0.00	30.05 1.99 0.00	38.58 2.46 0.00	40.26 2.47 0.00	46.62 2.67 0.00	48.45 2.44 0.00	42.47 2.00 0.00	45.10 2.15 0.00	37.46 1.97 0.00	35.68 1.75 0.00	34.12 1.74 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.54 1.74 0.00	32.81 1.34 0.00	31.28 0.98 0.00	30.28 0.92 0.00	28.23 0.94 0.00	27.72 0.94 0.00	30.17 1.00 0.00	30.36 1.14 0.00	30.01 1.21 0.00	27.77 1.26 0.00	26.67 1.34 0.00	28.30 1.52 0.00	32.06 1.68 0.00	30.35 1.69 0.00	30.05 1.99 0.00	38.58 2.46 0.00	40.26 2.47 0.00	46.62 2.67 0.00	48.45 2.44 0.00	42.47 2.00 0.00	45.10 2.15 0.00	37.46 1.97 0.00	35.68 1.75 0.00	34.12 1.74 0.00
ASTORIA_GT2_1 24094	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.29 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.02 0.00	30.37 1.15 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.33 1.54 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
ASTORIA_GT2_2 24095	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.29 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.02 0.00	30.37 1.15 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.33 1.54 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
ASTORIA_GT2_3 24096	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.29 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.02 0.00	30.37 1.15 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.33 1.54 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
ASTORIA_GT2_4 24097	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.29 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.02 0.00	30.37 1.15 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.33 1.54 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
ASTORIA_GT3_1 24098	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.29 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.02 0.00	30.37 1.15 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.33 1.54 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
ASTORIA_GT3_2 24099	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.29 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.02 0.00	30.37 1.15 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.33 1.54 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
ASTORIA_GT3_3 24100	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.29 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.02 0.00	30.37 1.15 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.33 1.54 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
ASTORIA_GT3_4 24101	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.29 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.02 0.00	30.37 1.15 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.33 1.54 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
ASTORIA_GT4_1 24102	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.29 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.02 0.00	30.37 1.15 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.33 1.54 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
ASTORIA_GT4_2 24103	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.29 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.02 0.00	30.37 1.15 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.33 1.54 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
ASTORIA_GT4_3 24104	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.29 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.02 0.00	30.37 1.15 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.33 1.54 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00

ASTORIA_GT4_4 24105	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.29 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.02 0.00	30.37 1.15 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.33 1.54 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
ASTORIA_GT_1 23523	38.63 1.83 0.00	32.88 1.41 0.00	31.34 1.05 0.00	30.35 0.98 0.00	28.30 1.00 0.00	27.78 1.00 0.00	30.24 1.07 0.00	30.43 1.21 0.00	30.08 1.28 0.00	27.84 1.33 0.00	26.74 1.41 0.00	28.37 1.59 0.00	32.14 1.76 0.00	30.42 1.77 0.00	30.13 2.07 0.00	38.68 2.57 0.00	40.37 2.58 0.00	46.75 2.80 0.00	48.59 2.58 0.00	42.59 2.12 0.00	45.22 2.27 0.00	37.56 2.07 0.00	35.77 1.84 0.00	34.21 1.82 0.00
ASTORIA_GT_10 24110	38.55 1.75 0.00	32.83 1.36 0.00	31.35 1.05 0.00	30.31 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.22 1.05 0.00	30.40 1.18 0.00	30.02 1.22 0.00	27.80 1.28 0.00	26.71 1.38 0.00	28.35 1.56 0.00	32.13 1.75 0.00	30.40 1.74 0.00	30.10 2.03 0.00	38.69 2.57 0.00	40.36 2.57 0.00	46.70 2.75 0.00	48.53 2.52 0.00	42.57 2.10 0.00	45.17 2.21 0.00	37.55 2.06 0.00	35.75 1.82 0.00	34.16 1.78 0.00
ASTORIA_GT_11 24225	38.55 1.75 0.00	32.83 1.36 0.00	31.35 1.05 0.00	30.31 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.22 1.05 0.00	30.40 1.18 0.00	30.02 1.22 0.00	27.80 1.28 0.00	26.71 1.38 0.00	28.35 1.56 0.00	32.13 1.75 0.00	30.40 1.74 0.00	30.10 2.03 0.00	38.69 2.57 0.00	40.36 2.57 0.00	46.70 2.75 0.00	48.53 2.52 0.00	42.57 2.10 0.00	45.17 2.21 0.00	37.55 2.06 0.00	35.75 1.82 0.00	34.16 1.78 0.00
ASTORIA_GT_12 24226	38.55 1.75 0.00	32.83 1.36 0.00	31.35 1.05 0.00	30.31 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.22 1.05 0.00	30.40 1.18 0.00	30.02 1.22 0.00	27.80 1.28 0.00	26.71 1.38 0.00	28.35 1.56 0.00	32.13 1.75 0.00	30.40 1.74 0.00	30.10 2.03 0.00	38.69 2.57 0.00	40.36 2.57 0.00	46.70 2.75 0.00	48.53 2.52 0.00	42.57 2.10 0.00	45.17 2.21 0.00	37.55 2.06 0.00	35.75 1.82 0.00	34.16 1.78 0.00
ASTORIA_GT_13 24227	38.55 1.75 0.00	32.83 1.36 0.00	31.35 1.05 0.00	30.31 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.22 1.05 0.00	30.40 1.18 0.00	30.02 1.22 0.00	27.80 1.28 0.00	26.71 1.38 0.00	28.35 1.56 0.00	32.13 1.75 0.00	30.40 1.74 0.00	30.10 2.03 0.00	38.69 2.57 0.00	40.36 2.57 0.00	46.70 2.75 0.00	48.53 2.52 0.00	42.57 2.10 0.00	45.17 2.21 0.00	37.55 2.06 0.00	35.75 1.82 0.00	34.16 1.78 0.00
ASTORIA_GT_5 24106	38.63 1.83 0.00	32.87 1.41 0.00	31.35 1.05 0.00	30.34 0.98 0.00	28.30 1.00 0.00	27.78 1.00 0.00	30.24 1.07 0.00	30.43 1.21 0.00	30.08 1.28 0.00	27.84 1.33 0.00	26.74 1.41 0.00	28.39 1.60 0.00	32.14 1.77 0.00	30.42 1.77 0.00	30.13 2.07 0.00	38.68 2.56 0.00	40.37 2.58 0.00	46.75 2.80 0.00	48.59 2.58 0.00	42.58 2.12 0.00	45.22 2.27 0.00	37.57 2.07 0.00	35.77 1.84 0.00	34.21 1.82 0.00
ASTORIA_GT_7 24107	38.63 1.83 0.00	32.87 1.41 0.00	31.35 1.05 0.00	30.34 0.98 0.00	28.30 1.00 0.00	27.78 1.00 0.00	30.24 1.07 0.00	30.43 1.21 0.00	30.08 1.28 0.00	27.84 1.33 0.00	26.74 1.41 0.00	28.39 1.60 0.00	32.14 1.77 0.00	30.42 1.77 0.00	30.13 2.07 0.00	38.68 2.56 0.00	40.37 2.58 0.00	46.75 2.80 0.00	48.59 2.58 0.00	42.58 2.12 0.00	45.22 2.27 0.00	37.57 2.07 0.00	35.77 1.84 0.00	34.21 1.82 0.00
ASTORIA_GT_8 24108	38.63 1.83 0.00	32.87 1.41 0.00	31.35 1.05 0.00	30.34 0.98 0.00	28.30 1.00 0.00	27.78 1.00 0.00	30.24 1.07 0.00	30.43 1.21 0.00	30.08 1.28 0.00	27.84 1.33 0.00	26.74 1.41 0.00	28.39 1.60 0.00	32.14 1.77 0.00	30.42 1.77 0.00	30.13 2.07 0.00	38.68 2.56 0.00	40.37 2.58 0.00	46.75 2.80 0.00	48.59 2.58 0.00	42.58 2.12 0.00	45.22 2.27 0.00	37.57 2.07 0.00	35.77 1.84 0.00	34.21 1.82 0.00
ASTORIA___2 24149	38.57 1.77 0.00	32.82 1.35 0.00	31.30 1.00 0.00	30.30 0.93 0.00	28.25 0.95 0.00	27.73 0.96 0.00	30.19 1.01 0.00	30.37 1.16 0.00	30.02 1.22 0.00	27.78 1.27 0.00	26.69 1.36 0.00	28.32 1.53 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.28 2.49 0.00	46.65 2.69 0.00	48.47 2.47 0.00	42.49 2.02 0.00	45.12 2.16 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
ASTORIA___3 23516	38.55 1.75 0.00	32.83 1.36 0.00	31.35 1.05 0.00	30.31 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.22 1.05 0.00	30.40 1.18 0.00	30.01 1.21 0.00	27.79 1.28 0.00	26.71 1.38 0.00	28.33 1.54 0.00	32.13 1.76 0.00	30.40 1.74 0.00	30.10 2.03 0.00	38.69 2.57 0.00	40.36 2.57 0.00	46.70 2.75 0.00	48.54 2.53 0.00	42.57 2.10 0.00	45.17 2.21 0.00	37.54 2.05 0.00	35.75 1.82 0.00	34.16 1.77 0.00
ASTORIA___4 23517	38.55 1.75 0.00	32.83 1.36 0.00	31.35 1.05 0.00	30.31 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.22 1.05 0.00	30.40 1.18 0.00	30.02 1.22 0.00	27.79 1.28 0.00	26.71 1.38 0.00	28.35 1.56 0.00	32.13 1.75 0.00	30.40 1.74 0.00	30.10 2.03 0.00	38.69 2.57 0.00	40.36 2.57 0.00	46.70 2.75 0.00	48.53 2.52 0.00	42.57 2.10 0.00	45.17 2.21 0.00	37.55 2.06 0.00	35.75 1.82 0.00	34.16 1.78 0.00
ASTORIA___5 23518	38.55 1.75 0.00	32.83 1.36 0.00	31.35 1.05 0.00	30.31 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.22 1.05 0.00	30.40 1.18 0.00	30.01 1.21 0.00	27.79 1.28 0.00	26.71 1.38 0.00	28.33 1.54 0.00	32.13 1.76 0.00	30.40 1.74 0.00	30.10 2.03 0.00	38.69 2.57 0.00	40.36 2.57 0.00	46.70 2.75 0.00	48.54 2.53 0.00	42.57 2.10 0.00	45.17 2.21 0.00	37.54 2.05 0.00	35.75 1.82 0.00	34.16 1.77 0.00
AST_ENERGY_2_CC3 323677	38.40 1.60 0.00	32.71 1.25 0.00	31.26 0.96 0.00	30.20 0.84 0.00	28.15 0.86 0.00	27.67 0.89 0.00	30.13 0.96 0.00	30.30 1.08 0.00	29.88 1.08 0.00	27.69 1.18 0.00	26.63 1.30 0.00	28.23 1.44 0.00	32.00 1.62 0.00	30.29 1.63 0.00	29.98 1.92 0.00	38.56 2.45 0.00	40.24 2.46 0.00	46.61 2.65 0.00	48.45 2.44 0.00	42.47 2.01 0.00	45.04 2.09 0.00	37.41 1.92 0.00	35.65 1.72 0.00	34.05 1.67 0.00
AST_ENERGY_2_CC4 323678	38.40 1.60 0.00	32.71 1.25 0.00	31.26 0.96 0.00	30.20 0.84 0.00	28.15 0.86 0.00	27.67 0.89 0.00	30.13 0.96 0.00	30.30 1.08 0.00	29.88 1.08 0.00	27.69 1.18 0.00	26.63 1.30 0.00	28.23 1.44 0.00	32.00 1.62 0.00	30.29 1.63 0.00	29.98 1.92 0.00	38.56 2.45 0.00	40.24 2.46 0.00	46.61 2.65 0.00	48.45 2.44 0.00	42.47 2.01 0.00	45.04 2.09 0.00	37.41 1.92 0.00	35.65 1.72 0.00	34.05 1.67 0.00

BRISTLHL_115KV_TB1 79998	36.41 -0.39 0.00	31.16 -0.31 0.00	29.97 -0.32 0.00	29.08 -0.29 0.00	26.99 -0.31 0.00	26.47 -0.30 0.00	28.84 -0.33 0.00	28.85 -0.36 0.00	28.36 -0.44 0.00	26.08 -0.43 0.00	24.85 -0.48 0.00	26.27 -0.52 0.00	29.83 -0.55 0.00	28.18 -0.48 0.00	27.68 -0.38 0.00	35.71 -0.40 0.00	37.38 -0.40 0.00	43.53 -0.42 0.00	45.63 -0.38 0.00	40.18 -0.29 0.00	42.57 -0.38 0.00	35.09 -0.40 0.00	33.46 -0.47 0.00	31.95 -0.43 0.00
BROOKHAVEN___DRP 24191	38.76 1.96 0.00	32.94 1.47 0.00	31.38 1.09 0.00	30.22 0.85 0.00	28.14 0.85 0.00	27.66 0.88 0.00	30.47 1.30 0.00	30.49 1.27 0.00	29.95 1.15 0.00	27.76 1.25 0.00	26.67 1.34 0.00	29.46 1.57 -1.10	33.58 1.80 -1.40	34.04 1.89 -3.49	33.21 2.18 -2.96	38.67 2.55 0.00	40.61 2.82 0.00	47.01 3.05 0.00	48.36 2.35 0.00	42.38 1.92 0.00	45.06 2.11 0.00	37.05 1.56 0.00	35.37 1.44 0.00	34.01 1.63 0.00
BROOKLYN_NAVY_YARD 23515	38.43 1.64 0.00	32.74 1.27 0.00	31.26 0.96 0.00	30.23 0.86 0.00	28.18 0.88 0.00	27.69 0.91 0.00	30.12 0.95 0.00	30.32 1.10 0.00	29.90 1.10 0.00	27.71 1.20 0.00	26.65 1.31 0.00	28.25 1.46 0.00	32.02 1.64 0.00	30.31 1.65 0.00	30.01 1.94 0.00	38.60 2.48 0.00	40.27 2.48 0.00	46.65 2.70 0.00	48.52 2.51 0.00	42.53 2.06 0.00	45.09 2.14 0.00	37.44 1.95 0.00	35.68 1.75 0.00	34.07 1.68 0.00
BROOKLYN___ARMY_DRP 323595	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
BROOKVLE_69_KV_TB1 55790	39.06 2.26 0.00	33.21 1.74 0.00	31.68 1.38 0.00	30.56 1.20 0.00	28.45 1.15 0.00	27.93 1.15 0.00	30.55 1.38 0.00	30.70 1.48 0.00	30.29 1.49 0.00	28.07 1.56 0.00	27.06 1.73 0.00	31.10 2.00 -2.32	35.24 2.29 -2.56	34.49 2.29 -3.54	33.61 2.55 -2.99	39.27 3.16 0.00	40.87 3.08 0.00	47.30 3.35 0.00	48.93 2.92 0.00	42.83 2.36 0.00	45.69 2.74 0.00	37.76 2.27 0.00	36.02 2.09 0.00	34.56 2.17 0.00
BROOME_2_LFGE 323671	36.76 -0.04 0.00	31.34 -0.13 0.00	30.14 -0.16 0.00	29.23 -0.14 0.00	27.15 -0.14 0.00	26.63 -0.15 0.00	29.07 -0.10 0.00	29.12 -0.09 0.00	28.57 -0.23 0.00	26.43 -0.08 0.00	25.28 -0.05 0.00	26.84 0.05 0.00	30.46 0.08 0.00	28.81 0.15 0.00	28.35 0.29 0.00	36.67 0.56 0.00	38.24 0.46 0.00	44.56 0.60 0.00	46.46 0.46 0.00	40.91 0.44 0.00	43.35 0.40 0.00	35.65 0.16 0.00	33.97 0.04 0.00	32.45 0.06 0.00
BROOME___LFGE 323600	36.76 -0.04 0.00	31.34 -0.13 0.00	30.14 -0.16 0.00	29.23 -0.14 0.00	27.15 -0.14 0.00	26.63 -0.15 0.00	29.07 -0.10 0.00	29.12 -0.09 0.00	28.57 -0.23 0.00	26.43 -0.08 0.00	25.28 -0.05 0.00	26.84 0.05 0.00	30.46 0.08 0.00	28.81 0.15 0.00	28.35 0.29 0.00	36.67 0.56 0.00	38.24 0.46 0.00	44.56 0.60 0.00	46.46 0.46 0.00	40.91 0.44 0.00	43.35 0.40 0.00	35.65 0.16 0.00	33.97 0.04 0.00	32.45 0.06 0.00
BROWNFLS_115KV_TB_3_5 80003	37.48 0.67 0.00	31.97 0.50 0.00	30.69 0.39 0.00	29.66 0.29 0.00	27.57 0.28 0.00	27.05 0.27 0.00	29.52 0.35 0.00	29.54 0.33 0.00	29.00 0.20 0.00	26.59 0.08 0.00	25.34 0.00 0.00	26.76 -0.03 0.00	30.44 0.06 0.00	28.68 0.02 0.00	27.91 -0.15 0.00	35.93 -0.19 0.00	37.74 -0.05 0.00	44.23 0.28 0.00	46.72 0.71 0.00	41.35 0.88 0.00	44.01 1.05 0.00	36.26 0.77 0.00	34.67 0.74 0.00	32.87 0.49 0.00
BROWNSV1_27_KV_LOAD 356125	38.87 2.07 0.00	33.09 1.63 0.00	31.62 1.32 0.00	30.55 1.19 0.00	28.45 1.16 0.00	27.97 1.18 0.00	30.46 1.29 0.00	30.64 1.42 0.00	30.22 1.43 0.00	28.00 1.49 0.00	26.97 1.63 0.00	28.61 1.82 0.00	32.43 2.05 0.00	30.71 2.05 0.00	30.40 2.34 0.00	39.10 2.99 0.00	40.80 3.02 0.00	47.24 3.28 0.00	49.11 3.10 0.00	43.05 2.58 0.00	45.64 2.69 0.00	37.91 2.42 0.00	36.11 2.18 0.00	34.48 2.10 0.00
BURROWS___LYONSDAL 23803	37.89 1.08 0.00	32.31 0.84 0.00	31.04 0.74 0.00	30.07 0.70 0.00	27.94 0.64 0.00	27.42 0.64 0.00	29.92 0.75 0.00	29.96 0.74 0.00	29.32 0.52 0.00	26.85 0.34 0.00	25.60 0.26 0.00	27.06 0.27 0.00	30.73 0.35 0.00	29.04 0.38 0.00	28.47 0.41 0.00	36.74 0.62 0.00	38.61 0.82 0.00	45.17 1.22 0.00	47.64 1.63 0.00	42.10 1.63 0.00	44.68 1.72 0.00	36.80 1.31 0.00	35.07 1.14 0.00	33.34 0.95 0.00
CAITHNESS_CC_1 323624	38.74 1.95 0.00	32.94 1.46 0.00	31.38 1.09 0.00	30.21 0.85 0.00	28.14 0.85 0.00	27.66 0.88 0.00	30.44 1.27 0.00	30.48 1.27 0.00	29.96 1.17 0.00	27.76 1.25 0.00	26.67 1.34 0.00	29.45 1.56 -1.10	33.57 1.79 -1.40	34.02 1.86 -3.49	33.18 2.16 -2.96	38.64 2.52 0.00	40.55 2.76 0.00	46.90 2.95 0.00	48.29 2.28 0.00	42.33 1.86 0.00	45.02 2.07 0.00	37.03 1.54 0.00	35.35 1.42 0.00	34.01 1.63 0.00
CALPINE BETH_PAGE_GT4 24209	38.98 2.18 0.00	33.16 1.69 0.00	31.61 1.31 0.00	30.50 1.13 0.00	28.39 1.10 0.00	27.89 1.11 0.00	30.52 1.35 0.00	30.65 1.44 0.00	30.22 1.42 0.00	28.00 1.49 0.00	26.98 1.65 0.00	30.65 1.90 -1.96	34.75 2.15 -2.23	34.28 2.09 -3.52	33.38 2.34 -2.99	38.92 2.80 0.00	40.66 2.88 0.00	47.05 3.09 0.00	48.63 2.62 0.00	42.57 2.11 0.00	45.30 2.35 0.00	37.47 1.98 0.00	35.79 1.87 0.00	34.39 2.01 0.00
CALPINE_BETH_PAGE_GT_4 323586	38.98 2.18 0.00	33.16 1.69 0.00	31.61 1.31 0.00	30.50 1.13 0.00	28.39 1.10 0.00	27.89 1.11 0.00	30.52 1.35 0.00	30.65 1.44 0.00	30.22 1.42 0.00	28.00 1.49 0.00	26.98 1.65 0.00	30.64 1.89 -1.96	34.75 2.15 -2.23	34.27 2.09 -3.52	33.38 2.33 -2.99	38.93 2.81 0.00	40.67 2.88 0.00	47.05 3.09 0.00	48.63 2.62 0.00	42.58 2.11 0.00	45.30 2.35 0.00	37.47 1.98 0.00	35.79 1.86 0.00	34.39 2.01 0.00
CALPINE_BP_GT1 23823	38.98 2.18 0.00	33.16 1.69 0.00	31.61 1.31 0.00	30.50 1.13 0.00	28.39 1.10 0.00	27.89 1.11 0.00	30.52 1.35 0.00	30.65 1.44 0.00	30.22 1.42 0.00	28.00 1.49 0.00	26.98 1.65 0.00	30.64 1.89 -1.96	34.75 2.15 -2.23	34.27 2.09 -3.52	33.38 2.33 -2.99	38.93 2.81 0.00	40.67 2.88 0.00	47.05 3.09 0.00	48.63 2.62 0.00	42.58 2.11 0.00	45.30 2.35 0.00	37.47 1.98 0.00	35.79 1.86 0.00	34.39 2.01 0.00
CALSPAN___DRP 24200	35.96 -0.84 0.00	30.63 -0.84 0.00	29.50 -0.79 0.00	28.56 -0.81 0.00	26.43 -0.87 0.00	25.88 -0.89 0.00	28.37 -0.80 0.00	28.45 -0.76 0.00	27.88 -0.92 0.00	26.05 -0.46 0.00	24.99 -0.35 0.00	26.56 -0.22 0.00	30.30 -0.08 0.00	28.50 -0.15 0.00	28.06 0.00 0.00	36.39 0.28 0.00	37.80 0.01 0.00	43.58 -0.38 0.00	45.38 -0.63 0.00	39.94 -0.54 0.00	42.30 -0.65 0.00	34.50 -0.98 0.00	32.98 -0.95 0.00	31.68 -0.71 0.00

CALVERTON___SOLAR 323806	38.83 2.03 0.00	32.99 1.52 0.00	31.43 1.14 0.00	30.26 0.89 0.00	28.18 0.88 0.00	27.70 0.92 0.00	30.53 1.36 0.00	30.53 1.32 0.00	29.99 1.20 0.00	27.79 1.28 0.00	26.70 1.37 0.00	29.49 1.59 -1.10	33.63 1.85 -1.40	34.09 1.95 -3.49	33.27 2.24 -2.96	38.77 2.66 0.00	40.74 2.95 0.00	47.18 3.22 0.00	48.50 2.49 0.00	42.50 2.03 0.00	45.16 2.21 0.00	37.11 1.62 0.00	35.41 1.48 0.00	34.05 1.66 0.00
CANDIGU_WT_PWR 323617	36.14 -0.66 0.00	30.78 -0.69 0.00	29.62 -0.68 0.00	28.72 -0.64 0.00	26.63 -0.66 0.00	26.08 -0.70 0.00	28.59 -0.59 0.00	28.67 -0.54 0.00	28.05 -0.75 0.00	26.11 -0.40 0.00	25.01 -0.32 0.00	26.63 -0.16 0.00	30.27 -0.11 0.00	28.59 -0.07 0.00	28.13 0.07 0.00	36.48 0.37 0.00	37.92 0.13 0.00	44.06 0.11 0.00	45.84 -0.17 0.00	40.45 -0.02 0.00	42.80 -0.15 0.00	34.92 -0.56 0.00	33.29 -0.64 0.00	31.87 -0.52 0.00
CARR STREET_E_SYR 24060	36.61 -0.19 0.00	31.31 -0.16 0.00	30.12 -0.17 0.00	29.21 -0.16 0.00	27.13 -0.16 0.00	26.60 -0.18 0.00	29.00 -0.17 0.00	29.01 -0.20 0.00	28.50 -0.30 0.00	26.24 -0.27 0.00	25.03 -0.31 0.00	26.52 -0.27 0.00	30.12 -0.27 0.00	28.47 -0.19 0.00	27.98 -0.09 0.00	36.05 -0.07 0.00	37.70 -0.09 0.00	43.89 -0.06 0.00	45.93 -0.08 0.00	40.39 -0.08 0.00	42.79 -0.16 0.00	35.33 -0.16 0.00	33.68 -0.25 0.00	32.17 -0.21 0.00
CARTHAGE___PAPER 23857	38.32 1.52 0.00	32.63 1.17 0.00	31.32 1.02 0.00	30.30 0.94 0.00	28.17 0.88 0.00	27.62 0.84 0.00	30.20 1.03 0.00	30.20 0.99 0.00	29.46 0.66 0.00	26.86 0.35 0.00	25.52 0.18 0.00	26.96 0.17 0.00	30.66 0.28 0.00	28.93 0.28 0.00	28.28 0.22 0.00	36.49 0.38 0.00	38.52 0.73 0.00	45.34 1.39 0.00	48.13 2.12 0.00	42.75 2.28 0.00	45.42 2.46 0.00	37.37 1.88 0.00	35.57 1.64 0.00	33.72 1.34 0.00
CASSADAGA_WT_PWR 323784	36.47 -0.33 0.00	30.91 -0.56 0.00	29.71 -0.58 0.00	28.66 -0.71 0.00	26.53 -0.76 0.00	25.89 -0.89 0.00	28.50 -0.67 0.00	28.77 -0.44 0.00	28.31 -0.49 0.00	26.64 0.13 0.00	25.59 0.26 0.00	27.33 0.54 0.00	31.08 0.70 0.00	29.28 0.62 0.00	28.85 0.79 0.00	37.47 1.35 0.00	38.86 1.07 0.00	44.99 1.04 0.00	46.81 0.81 0.00	41.27 0.80 0.00	43.72 0.77 0.00	35.52 0.03 0.00	33.61 -0.32 0.00	32.21 -0.17 0.00
CE_DUNWOOD___DRP 24194	38.27 1.47 0.00	32.61 1.14 0.00	31.17 0.87 0.00	30.14 0.77 0.00	28.07 0.78 0.00	27.58 0.80 0.00	30.04 0.87 0.00	30.20 0.98 0.00	29.77 0.97 0.00	27.54 1.03 0.00	26.48 1.15 0.00	28.07 1.28 0.00	31.81 1.43 0.00	30.10 1.44 0.00	29.78 1.72 0.00	38.32 2.20 0.00	40.03 2.24 0.00	46.41 2.45 0.00	48.28 2.27 0.00	42.34 1.87 0.00	44.87 1.92 0.00	37.25 1.76 0.00	35.48 1.56 0.00	33.92 1.54 0.00
CE_MILLWOOD___DRP 24193	38.12 1.32 0.00	32.48 1.01 0.00	31.05 0.76 0.00	30.03 0.66 0.00	27.96 0.67 0.00	27.48 0.70 0.00	29.93 0.76 0.00	30.08 0.87 0.00	29.64 0.84 0.00	27.42 0.91 0.00	26.36 1.03 0.00	27.94 1.16 0.00	31.66 1.28 0.00	29.95 1.30 0.00	29.63 1.57 0.00	38.14 2.02 0.00	39.85 2.07 0.00	46.23 2.27 0.00	48.10 2.09 0.00	42.18 1.71 0.00	44.70 1.74 0.00	37.09 1.60 0.00	35.34 1.41 0.00	33.77 1.39 0.00
CE_NYC2_DRP 24202	38.57 1.77 0.00	32.85 1.38 0.00	31.38 1.08 0.00	30.34 0.97 0.00	28.28 0.98 0.00	27.78 1.00 0.00	30.25 1.07 0.00	30.42 1.20 0.00	30.03 1.23 0.00	27.82 1.31 0.00	26.74 1.40 0.00	28.37 1.58 0.00	32.15 1.78 0.00	30.43 1.77 0.00	30.12 2.06 0.00	38.72 2.61 0.00	40.40 2.61 0.00	46.75 2.79 0.00	48.58 2.57 0.00	42.61 2.14 0.00	45.20 2.25 0.00	37.58 2.09 0.00	35.79 1.86 0.00	34.19 1.80 0.00
CE_NYC_DRP 24195	38.52 1.72 0.00	32.81 1.34 0.00	31.35 1.05 0.00	30.29 0.93 0.00	28.23 0.93 0.00	27.74 0.96 0.00	30.21 1.04 0.00	30.38 1.17 0.00	29.97 1.17 0.00	27.76 1.25 0.00	26.71 1.37 0.00	28.33 1.54 0.00	32.10 1.72 0.00	30.38 1.72 0.00	30.08 2.02 0.00	38.68 2.57 0.00	40.37 2.58 0.00	46.75 2.80 0.00	48.61 2.60 0.00	42.61 2.14 0.00	45.17 2.22 0.00	37.53 2.04 0.00	35.75 1.82 0.00	34.15 1.77 0.00
CHAFFEE___LFGE 323603	36.13 -0.67 0.00	30.75 -0.71 0.00	29.60 -0.70 0.00	28.66 -0.71 0.00	26.54 -0.76 0.00	25.99 -0.79 0.00	28.49 -0.68 0.00	28.57 -0.64 0.00	28.00 -0.80 0.00	26.17 -0.34 0.00	25.09 -0.24 0.00	26.72 -0.07 0.00	30.45 0.07 0.00	28.66 0.00 0.00	28.22 0.16 0.00	36.57 0.45 0.00	38.00 0.21 0.00	43.85 -0.11 0.00	45.68 -0.33 0.00	40.20 -0.27 0.00	42.57 -0.38 0.00	34.72 -0.77 0.00	33.19 -0.73 0.00	31.86 -0.53 0.00
CHATEAUG_35_KV_LOAD 355732	37.72 0.91 0.00	32.14 0.68 0.00	30.94 0.64 0.00	29.94 0.57 0.00	27.77 0.48 0.00	27.28 0.50 0.00	29.80 0.63 0.00	29.89 0.68 0.00	29.49 0.69 0.00	27.15 0.64 0.00	25.93 0.60 0.00	27.36 0.57 0.00	31.12 0.74 0.00	29.28 0.61 0.00	28.48 0.42 0.00	36.52 0.41 0.00	38.16 0.38 0.00	44.57 0.61 0.00	46.75 0.74 0.00	41.21 0.74 0.00	43.84 0.89 0.00	35.94 0.45 0.00	34.61 0.67 0.00	32.82 0.43 0.00
CHATEAUG_WT_PWR 323614	38.64 1.84 0.00	32.89 1.42 0.00	31.67 1.37 0.00	30.59 1.23 0.00	28.38 1.08 0.00	27.94 1.16 0.00	30.55 1.38 0.00	30.71 1.50 0.00	30.17 1.37 0.00	27.77 1.25 0.00	26.56 1.23 0.00	28.00 1.21 0.00	31.85 1.48 0.00	30.03 1.37 0.00	29.33 1.27 0.00	37.69 1.58 0.00	39.31 1.52 0.00	45.85 1.90 0.00	48.03 2.02 0.00	42.32 1.86 0.00	44.91 1.96 0.00	36.64 1.15 0.00	35.33 1.40 0.00	33.53 1.14 0.00
CHAT_HIGH_FALL_HYD 323578	37.72 0.91 0.00	32.14 0.68 0.00	30.94 0.64 0.00	29.94 0.57 0.00	27.77 0.48 0.00	27.28 0.50 0.00	29.80 0.63 0.00	29.89 0.68 0.00	29.49 0.69 0.00	27.15 0.64 0.00	25.93 0.60 0.00	27.36 0.57 0.00	31.12 0.74 0.00	29.28 0.61 0.00	28.48 0.42 0.00	36.52 0.41 0.00	38.16 0.38 0.00	44.57 0.61 0.00	46.75 0.74 0.00	41.21 0.74 0.00	43.84 0.89 0.00	35.94 0.45 0.00	34.61 0.67 0.00	32.82 0.43 0.00
CHAUTAUQUA___LFGE 323629	36.18 -0.62 0.00	30.71 -0.76 0.00	29.53 -0.77 0.00	28.54 -0.82 0.00	26.42 -0.87 0.00	25.82 -0.96 0.00	28.39 -0.79 0.00	28.57 -0.64 0.00	28.01 -0.79 0.00	26.27 -0.24 0.00	25.22 -0.11 0.00	26.94 0.15 0.00	30.64 0.26 0.00	28.87 0.21 0.00	28.42 0.36 0.00	36.93 0.81 0.00	38.28 0.49 0.00	44.30 0.35 0.00	46.04 0.03 0.00	40.62 0.15 0.00	43.06 0.10 0.00	35.04 -0.46 0.00	33.33 -0.60 0.00	31.93 -0.46 0.00
CHERRYST_13_KV_LD 356241	38.63 1.83 0.00	32.89 1.43 0.00	31.43 1.13 0.00	30.38 1.01 0.00	28.31 1.02 0.00	27.82 1.04 0.00	30.30 1.13 0.00	30.47 1.26 0.00	30.06 1.26 0.00	27.84 1.33 0.00	26.80 1.46 0.00	28.43 1.64 0.00	32.22 1.84 0.00	30.49 1.83 0.00	30.18 2.12 0.00	38.82 2.70 0.00	40.52 2.73 0.00	46.93 2.97 0.00	48.78 2.77 0.00	42.75 2.29 0.00	45.32 2.37 0.00	37.65 2.16 0.00	35.86 1.93 0.00	34.25 1.87 0.00

CHESTROR_138KV_BK263 355645	37.78 0.98 0.00	32.20 0.73 0.00	30.83 0.53 0.00	29.82 0.45 0.00	27.76 0.47 0.00	27.27 0.49 0.00	29.69 0.52 0.00	29.83 0.62 0.00	29.37 0.57 0.00	27.13 0.61 0.00	26.05 0.72 0.00	27.61 0.82 0.00	31.27 0.89 0.00	29.59 0.93 0.00	29.24 1.18 0.00	37.66 1.55 0.00	39.40 1.62 0.00	45.77 1.82 0.00	47.71 1.70 0.00	41.84 1.37 0.00	44.33 1.37 0.00	36.75 1.26 0.00	35.00 1.07 0.00	33.45 1.07 0.00
CH_MIDHUDSON___DRP 24192	38.05 1.25 0.00	32.45 0.98 0.00	31.07 0.77 0.00	30.05 0.69 0.00	27.98 0.68 0.00	27.48 0.70 0.00	29.94 0.77 0.00	30.08 0.87 0.00	29.63 0.83 0.00	27.34 0.83 0.00	26.26 0.93 0.00	27.80 1.01 0.00	31.50 1.12 0.00	29.81 1.16 0.00	29.50 1.44 0.00	38.01 1.89 0.00	39.77 1.98 0.00	46.18 2.23 0.00	48.11 2.10 0.00	42.22 1.76 0.00	44.72 1.77 0.00	37.09 1.60 0.00	35.30 1.37 0.00	33.74 1.35 0.00
CH_MISC_IPPS 23765	38.32 1.52 0.00	32.65 1.18 0.00	31.24 0.95 0.00	30.22 0.85 0.00	28.12 0.83 0.00	27.64 0.86 0.00	30.10 0.93 0.00	30.26 1.04 0.00	29.80 1.00 0.00	27.53 1.02 0.00	26.45 1.12 0.00	28.01 1.22 0.00	31.77 1.39 0.00	30.09 1.43 0.00	29.78 1.72 0.00	38.41 2.29 0.00	40.19 2.41 0.00	46.69 2.74 0.00	48.63 2.63 0.00	42.64 2.17 0.00	45.14 2.19 0.00	37.40 1.91 0.00	35.58 1.65 0.00	33.97 1.59 0.00
CH_RES_BVR_FALLS 23983	36.71 -0.09 0.00	31.38 -0.09 0.00	30.21 -0.08 0.00	29.27 -0.10 0.00	27.20 -0.09 0.00	26.67 -0.11 0.00	29.07 -0.11 0.00	29.10 -0.11 0.00	28.74 -0.05 0.00	26.51 -0.01 0.00	25.32 -0.02 0.00	26.75 -0.04 0.00	30.38 0.00 0.00	28.60 -0.06 0.00	27.86 -0.20 0.00	35.79 -0.33 0.00	37.45 -0.34 0.00	43.58 -0.37 0.00	45.65 -0.36 0.00	40.19 -0.28 0.00	42.77 -0.19 0.00	35.29 -0.20 0.00	33.84 -0.09 0.00	32.20 -0.19 0.00
CH_RES_NIAGARA 23895	34.63 -2.17 0.00	29.60 -1.86 0.00	28.55 -1.75 0.00	27.62 -1.74 0.00	25.56 -1.74 0.00	25.02 -1.75 0.00	27.42 -1.75 0.00	27.46 -1.75 0.00	26.90 -1.90 0.00	25.09 -1.42 0.00	24.04 -1.29 0.00	25.56 -1.23 0.00	29.14 -1.24 0.00	27.34 -1.32 0.00	26.88 -1.19 0.00	34.78 -1.34 0.00	36.13 -1.66 0.00	41.47 -2.49 0.00	43.23 -2.77 0.00	38.04 -2.43 0.00	40.36 -2.59 0.00	33.00 -2.49 0.00	31.76 -2.17 0.00	30.64 -1.74 0.00
CH_RES_SYRACUSE 23985	36.83 0.03 0.00	31.47 0.00 0.00	30.30 0.00 0.00	29.38 0.01 0.00	27.27 -0.03 0.00	26.75 -0.03 0.00	29.17 0.00 0.00	29.18 -0.03 0.00	28.67 -0.13 0.00	26.39 -0.12 0.00	25.15 -0.19 0.00	26.65 -0.14 0.00	30.26 -0.11 0.00	28.63 -0.03 0.00	28.13 0.07 0.00	36.31 0.20 0.00	38.02 0.23 0.00	44.28 0.33 0.00	46.35 0.34 0.00	40.72 0.25 0.00	43.14 0.19 0.00	35.54 0.05 0.00	33.88 -0.05 0.00	32.36 -0.02 0.00
CLINTON_WT_PWR 323605	38.64 1.84 0.00	32.89 1.42 0.00	31.67 1.37 0.00	30.59 1.23 0.00	28.38 1.08 0.00	27.94 1.16 0.00	30.55 1.38 0.00	30.71 1.50 0.00	30.17 1.37 0.00	27.77 1.25 0.00	26.56 1.23 0.00	28.00 1.21 0.00	31.85 1.48 0.00	30.03 1.37 0.00	29.33 1.27 0.00	37.69 1.58 0.00	39.31 1.52 0.00	45.85 1.90 0.00	48.03 2.02 0.00	42.32 1.86 0.00	44.91 1.96 0.00	36.64 1.15 0.00	35.33 1.40 0.00	33.53 1.14 0.00
CLINTON___LFGE 323618	38.60 1.80 0.00	32.86 1.39 0.00	31.64 1.34 0.00	30.56 1.20 0.00	28.35 1.05 0.00	27.90 1.12 0.00	30.51 1.33 0.00	30.66 1.45 0.00	30.15 1.35 0.00	27.74 1.23 0.00	26.54 1.20 0.00	27.97 1.18 0.00	31.83 1.45 0.00	29.98 1.33 0.00	29.26 1.20 0.00	37.62 1.51 0.00	39.25 1.46 0.00	45.88 1.92 0.00	48.10 2.08 0.00	42.41 1.94 0.00	45.05 2.10 0.00	36.79 1.30 0.00	35.42 1.49 0.00	33.61 1.22 0.00
COBBLENY_34_KV_TB1 80064	36.13 -0.67 0.00	30.75 -0.71 0.00	29.60 -0.70 0.00	28.66 -0.71 0.00	26.54 -0.76 0.00	25.99 -0.79 0.00	28.49 -0.68 0.00	28.57 -0.64 0.00	28.00 -0.80 0.00	26.17 -0.34 0.00	25.09 -0.24 0.00	26.69 -0.10 0.00	30.45 0.07 0.00	28.66 0.00 0.00	28.22 0.16 0.00	36.58 0.47 0.00	38.00 0.21 0.00	43.85 -0.11 0.00	45.68 -0.33 0.00	40.20 -0.27 0.00	42.58 -0.37 0.00	34.72 -0.77 0.00	33.20 -0.73 0.00	31.86 -0.53 0.00
COFFEEN___115KV_TB3 355620	38.50 1.70 0.00	32.78 1.32 0.00	31.45 1.16 0.00	30.42 1.06 0.00	28.28 0.99 0.00	27.74 0.96 0.00	30.34 1.17 0.00	30.35 1.13 0.00	29.53 0.73 0.00	26.88 0.37 0.00	25.50 0.17 0.00	26.98 0.19 0.00	30.72 0.34 0.00	28.99 0.33 0.00	28.38 0.32 0.00	36.67 0.55 0.00	38.76 0.98 0.00	45.71 1.75 0.00	48.64 2.63 0.00	43.26 2.79 0.00	45.93 2.97 0.00	37.74 2.25 0.00	35.84 1.91 0.00	33.96 1.57 0.00
COLDSPRG_115KV_BK1 355956	36.98 0.18 0.00	31.37 -0.10 0.00	30.12 -0.18 0.00	29.14 -0.23 0.00	27.00 -0.30 0.00	26.46 -0.31 0.00	29.06 -0.11 0.00	29.25 0.03 0.00	28.71 -0.09 0.00	26.95 0.43 0.00	25.83 0.50 0.00	27.56 0.77 0.00	31.31 0.93 0.00	29.50 0.84 0.00	29.09 1.03 0.00	37.79 1.67 0.00	39.18 1.39 0.00	45.38 1.43 0.00	47.26 1.25 0.00	41.62 1.16 0.00	44.09 1.14 0.00	35.86 0.37 0.00	34.12 0.19 0.00	32.68 0.30 0.00
COLONIE_LFGE___ 323577	37.71 0.91 0.00	32.31 0.85 0.00	31.12 0.82 0.00	30.15 0.78 0.00	28.02 0.72 0.00	27.58 0.80 0.00	30.04 0.87 0.00	30.14 0.93 0.00	29.52 0.72 0.00	27.00 0.49 0.00	25.82 0.48 0.00	27.18 0.39 0.00	30.70 0.32 0.00	28.97 0.31 0.00	28.62 0.56 0.00	36.94 0.83 0.00	38.75 0.96 0.00	45.14 1.18 0.00	47.50 1.49 0.00	41.83 1.36 0.00	44.35 1.40 0.00	36.83 1.34 0.00	35.00 1.07 0.00	33.45 1.07 0.00
COOPERNY_115KV_TB1 80082	37.42 0.62 0.00	31.93 0.46 0.00	30.61 0.32 0.00	29.64 0.27 0.00	27.58 0.29 0.00	27.08 0.30 0.00	29.50 0.33 0.00	29.60 0.39 0.00	29.14 0.34 0.00	26.91 0.39 0.00	25.81 0.47 0.00	27.34 0.55 0.00	30.97 0.59 0.00	29.29 0.62 0.00	28.88 0.82 0.00	37.20 1.09 0.00	38.91 1.12 0.00	45.21 1.26 0.00	47.16 1.15 0.00	41.38 0.91 0.00	43.88 0.93 0.00	36.33 0.84 0.00	34.64 0.71 0.00	33.09 0.71 0.00
COPENHAGEN_WT_PWR 323753	38.09 1.29 0.00	32.44 0.98 0.00	31.15 0.85 0.00	30.13 0.76 0.00	28.01 0.72 0.00	27.47 0.69 0.00	30.02 0.85 0.00	30.03 0.81 0.00	29.28 0.48 0.00	26.71 0.20 0.00	25.36 0.03 0.00	26.84 0.05 0.00	30.54 0.16 0.00	28.83 0.17 0.00	28.21 0.15 0.00	36.41 0.29 0.00	38.40 0.62 0.00	45.14 1.18 0.00	47.86 1.85 0.00	42.53 2.06 0.00	45.18 2.23 0.00	37.18 1.69 0.00	35.35 1.42 0.00	33.55 1.16 0.00
CORNELL_____ 23752	37.42 0.62 0.00	31.92 0.45 0.00	30.68 0.39 0.00	29.73 0.36 0.00	27.63 0.33 0.00	27.08 0.30 0.00	29.57 0.40 0.00	29.62 0.41 0.00	29.02 0.22 0.00	26.67 0.16 0.00	25.40 0.07 0.00	26.91 0.12 0.00	30.57 0.20 0.00	28.94 0.28 0.00	28.46 0.40 0.00	36.84 0.72 0.00	38.59 0.80 0.00	45.14 1.19 0.00	47.44 1.43 0.00	41.85 1.38 0.00	44.29 1.34 0.00	36.39 0.90 0.00	34.63 0.70 0.00	33.02 0.64 0.00

CORONA__69_KV_TB1 355595	39.03 2.23 0.00	33.19 1.73 0.00	31.66 1.36 0.00	30.55 1.19 0.00	28.43 1.14 0.00	27.91 1.13 0.00	30.50 1.33 0.00	30.62 1.40 0.00	30.20 1.41 0.00	27.99 1.48 0.00	27.01 1.67 -0.01	34.51 1.88 -5.85	38.46 2.13 -5.96	34.47 2.13 -3.67	33.57 2.42 -3.09	39.08 2.96 0.00	40.77 2.99 0.00	47.20 3.25 0.00	48.86 2.86 0.00	42.79 2.32 0.00	45.48 2.53 0.00	37.65 2.16 0.00	35.99 2.06 0.00	34.55 2.16 -0.01
CORTLAND__115KV_TB3 80093	37.14 0.34 0.00	31.69 0.22 0.00	30.47 0.18 0.00	29.54 0.18 0.00	27.45 0.16 0.00	26.91 0.13 0.00	29.36 0.19 0.00	29.41 0.19 0.00	28.84 0.04 0.00	26.54 0.03 0.00	25.31 -0.03 0.00	26.82 0.04 0.00	30.47 0.09 0.00	28.82 0.16 0.00	28.35 0.28 0.00	36.66 0.54 0.00	38.32 0.53 0.00	44.74 0.79 0.00	46.91 0.90 0.00	41.31 0.84 0.00	43.76 0.81 0.00	36.00 0.51 0.00	34.29 0.36 0.00	32.72 0.34 0.00
COXSACKIE__GT 23611	38.73 1.93 0.00	33.18 1.71 0.00	32.16 1.86 0.00	31.19 1.82 0.00	28.97 1.68 0.00	28.52 1.75 0.00	31.08 1.90 0.00	31.19 1.98 0.00	30.40 1.60 0.00	27.39 0.87 0.00	26.10 0.76 0.00	27.35 0.56 0.00	30.90 0.52 0.00	29.18 0.52 0.00	28.90 0.84 0.00	37.42 1.31 0.00	39.50 1.71 0.00	46.68 2.72 0.00	49.55 3.54 0.00	43.85 3.38 0.00	46.33 3.38 0.00	38.18 2.69 0.00	36.15 2.22 0.00	34.42 2.04 0.00
CPV_VALLEY__CC1 323721	37.50 0.70 0.00	31.98 0.51 0.00	30.64 0.34 0.00	29.64 0.27 0.00	27.60 0.31 0.00	27.11 0.33 0.00	29.52 0.34 0.00	29.64 0.43 0.00	29.20 0.40 0.00	26.97 0.45 0.00	25.89 0.56 0.00	27.43 0.64 0.00	31.07 0.69 0.00	29.39 0.73 0.00	29.01 0.95 0.00	37.37 1.26 0.00	39.09 1.30 0.00	45.39 1.43 0.00	47.31 1.30 0.00	41.50 1.03 0.00	43.98 1.02 0.00	36.45 0.97 0.00	34.73 0.80 0.00	33.19 0.81 0.00
CPV_VALLEY__CC2 323722	37.50 0.70 0.00	31.98 0.51 0.00	30.64 0.34 0.00	29.64 0.27 0.00	27.60 0.31 0.00	27.11 0.33 0.00	29.52 0.34 0.00	29.64 0.43 0.00	29.20 0.40 0.00	26.97 0.45 0.00	25.89 0.56 0.00	27.43 0.64 0.00	31.07 0.69 0.00	29.39 0.73 0.00	29.01 0.95 0.00	37.37 1.26 0.00	39.09 1.30 0.00	45.39 1.43 0.00	47.31 1.30 0.00	41.50 1.03 0.00	43.98 1.02 0.00	36.45 0.97 0.00	34.73 0.80 0.00	33.19 0.81 0.00
CRESCENT__HYD 24018	37.71 0.91 0.00	32.31 0.85 0.00	31.12 0.82 0.00	30.15 0.78 0.00	28.02 0.72 0.00	27.58 0.80 0.00	30.04 0.87 0.00	30.14 0.93 0.00	29.52 0.72 0.00	27.00 0.49 0.00	25.82 0.48 0.00	27.18 0.39 0.00	30.70 0.32 0.00	28.97 0.31 0.00	28.62 0.56 0.00	36.94 0.83 0.00	38.75 0.96 0.00	45.14 1.18 0.00	47.50 1.49 0.00	41.83 1.36 0.00	44.35 1.40 0.00	36.83 1.34 0.00	35.00 1.07 0.00	33.45 1.07 0.00
CRICKET__VALLEY_CC1 323756	37.71 0.90 0.00	32.18 0.71 0.00	30.84 0.54 0.00	29.82 0.46 0.00	27.76 0.47 0.00	27.29 0.51 0.00	29.71 0.54 0.00	29.86 0.65 0.00	29.38 0.58 0.00	27.06 0.55 0.00	25.99 0.65 0.00	27.45 0.66 0.00	31.05 0.67 0.00	29.38 0.72 0.00	29.08 1.02 0.00	37.46 1.35 0.00	39.22 1.43 0.00	45.60 1.64 0.00	47.52 1.51 0.00	41.79 1.32 0.00	44.25 1.29 0.00	36.73 1.24 0.00	34.94 1.01 0.00	33.43 1.05 0.00
CRICKET__VALLEY_CC2 323757	37.71 0.90 0.00	32.18 0.71 0.00	30.84 0.54 0.00	29.82 0.46 0.00	27.76 0.47 0.00	27.29 0.51 0.00	29.71 0.54 0.00	29.86 0.65 0.00	29.38 0.58 0.00	27.06 0.55 0.00	25.99 0.65 0.00	27.45 0.66 0.00	31.05 0.67 0.00	29.38 0.72 0.00	29.08 1.02 0.00	37.46 1.35 0.00	39.22 1.43 0.00	45.60 1.64 0.00	47.52 1.51 0.00	41.79 1.32 0.00	44.25 1.29 0.00	36.73 1.24 0.00	34.94 1.01 0.00	33.43 1.05 0.00
CRICKET__VALLEY_CC3 323758	37.71 0.90 0.00	32.18 0.71 0.00	30.84 0.54 0.00	29.82 0.46 0.00	27.76 0.47 0.00	27.29 0.51 0.00	29.71 0.54 0.00	29.86 0.65 0.00	29.38 0.58 0.00	27.06 0.55 0.00	25.99 0.65 0.00	27.45 0.66 0.00	31.05 0.67 0.00	29.38 0.72 0.00	29.08 1.02 0.00	37.46 1.35 0.00	39.22 1.43 0.00	45.60 1.64 0.00	47.52 1.51 0.00	41.79 1.32 0.00	44.25 1.29 0.00	36.73 1.24 0.00	34.94 1.01 0.00	33.43 1.05 0.00
CRUCIBLE_METL_DRP 24180	36.83 0.03 0.00	31.47 0.00 0.00	30.30 0.00 0.00	29.38 0.01 0.00	27.27 -0.03 0.00	26.75 -0.03 0.00	29.17 0.00 0.00	29.18 -0.03 0.00	28.67 -0.13 0.00	26.39 -0.12 0.00	25.15 -0.19 0.00	26.65 -0.14 0.00	30.26 -0.11 0.00	28.63 -0.03 0.00	28.13 0.07 0.00	36.31 0.20 0.00	38.02 0.23 0.00	44.28 0.33 0.00	46.35 0.34 0.00	40.72 0.25 0.00	43.14 0.19 0.00	35.54 0.05 0.00	33.88 -0.05 0.00	32.36 -0.03 0.00
DAHOWA__HYDRO 323763	38.39 1.59 0.00	32.84 1.37 0.00	31.57 1.27 0.00	30.54 1.17 0.00	28.37 1.07 0.00	27.94 1.16 0.00	30.51 1.34 0.00	30.60 1.38 0.00	29.89 1.10 0.00	27.24 0.72 0.00	25.92 0.58 0.00	27.29 0.50 0.00	30.86 0.48 0.00	29.11 0.45 0.00	28.80 0.75 0.00	37.29 1.17 0.00	39.42 1.63 0.00	46.13 2.18 0.00	49.19 3.18 0.00	43.34 2.87 0.00	45.99 3.04 0.00	38.26 2.77 0.00	36.14 2.21 0.00	34.41 2.02 0.00
DANC__LFGE 323619	37.44 0.64 0.00	31.95 0.48 0.00	30.70 0.40 0.00	29.72 0.35 0.00	27.62 0.33 0.00	27.07 0.30 0.00	29.56 0.38 0.00	29.57 0.35 0.00	28.91 0.11 0.00	26.44 -0.07 0.00	25.14 -0.20 0.00	26.62 -0.17 0.00	30.26 -0.11 0.00	28.57 -0.08 0.00	27.99 -0.07 0.00	36.07 -0.04 0.00	37.95 0.16 0.00	44.47 0.52 0.00	46.95 0.95 0.00	41.59 1.12 0.00	44.14 1.18 0.00	36.40 0.90 0.00	34.66 0.73 0.00	32.95 0.57 0.00
DANSKAMMER__1 23586	38.32 1.52 0.00	32.65 1.18 0.00	31.24 0.95 0.00	30.22 0.85 0.00	28.12 0.83 0.00	27.64 0.86 0.00	30.10 0.93 0.00	30.26 1.04 0.00	29.80 1.00 0.00	27.53 1.02 0.00	26.45 1.12 0.00	28.01 1.22 0.00	31.77 1.39 0.00	30.09 1.43 0.00	29.78 1.72 0.00	38.41 2.29 0.00	40.19 2.41 0.00	46.69 2.74 0.00	48.63 2.63 0.00	42.64 2.17 0.00	45.14 2.19 0.00	37.40 1.91 0.00	35.58 1.65 0.00	33.97 1.59 0.00
DANSKAMMER__2 23589	38.32 1.52 0.00	32.65 1.18 0.00	31.24 0.95 0.00	30.22 0.85 0.00	28.12 0.83 0.00	27.64 0.86 0.00	30.10 0.93 0.00	30.26 1.04 0.00	29.80 1.00 0.00	27.53 1.02 0.00	26.45 1.12 0.00	28.01 1.22 0.00	31.77 1.39 0.00	30.09 1.43 0.00	29.78 1.72 0.00	38.41 2.29 0.00	40.19 2.41 0.00	46.69 2.74 0.00	48.63 2.63 0.00	42.64 2.17 0.00	45.14 2.19 0.00	37.40 1.91 0.00	35.58 1.65 0.00	33.97 1.59 0.00
DANSKAMMER__3 23590	38.32 1.52 0.00	32.65 1.18 0.00	31.24 0.95 0.00	30.22 0.85 0.00	28.12 0.83 0.00	27.64 0.86 0.00	30.10 0.93 0.00	30.26 1.04 0.00	29.80 1.00 0.00	27.53 1.02 0.00	26.45 1.12 0.00	28.01 1.22 0.00	31.77 1.39 0.00	30.09 1.43 0.00	29.78 1.72 0.00	38.41 2.29 0.00	40.19 2.41 0.00	46.69 2.74 0.00	48.63 2.63 0.00	42.64 2.17 0.00	45.14 2.19 0.00	37.40 1.91 0.00	35.58 1.65 0.00	33.97 1.59 0.00

DANSKAMMER___4 23591	38.32 1.52 0.00	32.65 1.18 0.00	31.24 0.95 0.00	30.22 0.85 0.00	28.12 0.83 0.00	27.64 0.86 0.00	30.10 0.93 0.00	30.26 1.04 0.00	29.80 1.00 0.00	27.53 1.02 0.00	26.45 1.12 0.00	28.01 1.22 0.00	31.77 1.39 0.00	30.09 1.43 0.00	29.78 1.72 0.00	38.41 2.29 0.00	40.19 2.41 0.00	46.69 2.74 0.00	48.63 2.63 0.00	42.64 2.17 0.00	45.14 2.19 0.00	37.40 1.91 0.00	35.58 1.65 0.00	33.97 1.59 0.00
DANSKAMMER___DIESEL 23592	38.32 1.52 0.00	32.65 1.18 0.00	31.24 0.95 0.00	30.22 0.85 0.00	28.12 0.83 0.00	27.64 0.86 0.00	30.10 0.93 0.00	30.26 1.04 0.00	29.80 1.00 0.00	27.53 1.01 0.00	26.45 1.11 0.00	28.02 1.23 0.00	31.77 1.39 0.00	30.09 1.43 0.00	29.78 1.72 0.00	38.40 2.29 0.00	40.19 2.41 0.00	46.70 2.74 0.00	48.64 2.63 0.00	42.64 2.17 0.00	45.14 2.19 0.00	37.41 1.92 0.00	35.58 1.65 0.00	33.97 1.59 0.00
DARBY___SOLAR 323810	38.24 1.44 0.00	32.72 1.25 0.00	31.46 1.16 0.00	30.44 1.07 0.00	28.28 0.98 0.00	27.83 1.05 0.00	30.38 1.21 0.00	30.47 1.26 0.00	29.78 0.98 0.00	27.15 0.63 0.00	25.84 0.51 0.00	27.21 0.42 0.00	30.76 0.38 0.00	29.02 0.36 0.00	28.71 0.65 0.00	37.15 1.03 0.00	39.24 1.45 0.00	45.91 1.95 0.00	48.84 2.83 0.00	42.99 2.52 0.00	45.60 2.65 0.00	37.90 2.41 0.00	35.87 1.94 0.00	34.17 1.79 0.00
DASHVILLE___HYD 23610	37.86 1.06 0.00	32.23 0.77 0.00	30.80 0.50 0.00	29.79 0.42 0.00	27.74 0.45 0.00	27.23 0.46 0.00	29.65 0.48 0.00	29.79 0.57 0.00	29.40 0.60 0.00	27.25 0.74 0.00	26.18 0.84 0.00	27.77 0.98 0.00	31.48 1.11 0.00	29.82 1.16 0.00	29.49 1.43 0.00	37.96 1.84 0.00	39.65 1.87 0.00	46.01 2.05 0.00	47.82 1.81 0.00	41.92 1.45 0.00	44.42 1.46 0.00	36.83 1.33 0.00	35.07 1.14 0.00	33.49 1.11 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.52 2.72 0.00	33.54 2.08 0.00	31.97 1.68 0.00	30.78 1.41 0.00	28.65 1.35 0.00	28.15 1.38 0.00	31.08 1.91 0.00	31.06 1.84 0.00	30.56 1.76 0.00	28.38 1.87 0.00	27.30 1.97 0.00	30.14 2.25 -1.11	34.41 2.63 -1.40	34.86 2.71 -3.49	34.03 3.01 -2.96	39.80 3.69 0.00	41.84 4.06 0.00	48.42 4.46 0.00	49.55 3.55 0.00	43.42 2.95 0.00	46.08 3.12 0.00	37.69 2.20 0.00	35.97 2.04 0.00	34.50 2.12 0.00
DELAWARE___LFGE 323621	37.52 0.72 0.00	32.02 0.55 0.00	30.80 0.50 0.00	29.86 0.49 0.00	27.76 0.47 0.00	27.23 0.45 0.00	29.67 0.50 0.00	29.71 0.49 0.00	29.21 0.41 0.00	26.96 0.45 0.00	25.81 0.47 0.00	27.34 0.55 0.00	31.02 0.64 0.00	29.32 0.66 0.00	28.87 0.81 0.00	37.23 1.12 0.00	38.92 1.13 0.00	45.27 1.31 0.00	47.31 1.30 0.00	41.55 1.09 0.00	44.08 1.13 0.00	36.40 0.91 0.00	34.69 0.76 0.00	33.13 0.75 0.00
DERFIELD_115KV_TB7 355931	36.84 0.05 0.00	31.50 0.03 0.00	30.33 0.03 0.00	29.41 0.05 0.00	27.34 0.05 0.00	26.83 0.05 0.00	29.23 0.06 0.00	29.27 0.05 0.00	28.80 0.00 0.00	26.49 -0.03 0.00	25.31 -0.02 0.00	26.76 -0.03 0.00	30.35 -0.03 0.00	28.63 -0.03 0.00	28.12 0.06 0.00	36.20 0.08 0.00	37.88 0.09 0.00	44.09 0.13 0.00	46.15 0.14 0.00	40.59 0.12 0.00	43.06 0.11 0.00	35.61 0.12 0.00	34.00 0.07 0.00	32.46 0.08 0.00
DOGLEVILLE___HYD 23807	36.55 -0.25 0.00	31.15 -0.31 0.00	30.04 -0.25 0.00	29.15 -0.21 0.00	27.09 -0.21 0.00	26.69 -0.08 0.00	29.12 -0.06 0.00	29.19 -0.03 0.00	28.15 -0.64 0.00	25.26 -1.25 0.00	24.03 -1.30 0.00	25.41 -1.38 0.00	28.77 -1.61 0.00	27.25 -1.42 0.00	27.08 -0.98 0.00	35.34 -0.78 0.00	37.03 -0.76 0.00	43.72 -0.23 0.00	46.50 0.49 0.00	41.12 0.65 0.00	43.59 0.63 0.00	36.18 0.69 0.00	34.16 0.23 0.00	32.60 0.22 0.00
DUNKIRK___115KV_TB_200 55889	36.12 -0.68 0.00	30.68 -0.79 0.00	29.50 -0.80 0.00	28.53 -0.84 0.00	26.41 -0.89 0.00	25.81 -0.97 0.00	28.37 -0.81 0.00	28.54 -0.67 0.00	27.97 -0.83 0.00	26.23 -0.28 0.00	25.17 -0.16 0.00	26.86 0.07 0.00	30.59 0.21 0.00	28.82 0.16 0.00	28.36 0.30 0.00	36.86 0.74 0.00	38.20 0.41 0.00	44.21 0.26 0.00	45.93 -0.07 0.00	40.53 0.06 0.00	42.95 0.00 0.00	34.96 -0.54 0.00	33.27 -0.66 0.00	31.88 -0.50 0.00
DUNKIRK___1 23563	36.12 -0.68 0.00	30.68 -0.79 0.00	29.50 -0.80 0.00	28.53 -0.84 0.00	26.41 -0.89 0.00	25.81 -0.97 0.00	28.37 -0.81 0.00	28.54 -0.67 0.00	27.97 -0.83 0.00	26.23 -0.28 0.00	25.17 -0.16 0.00	26.86 0.07 0.00	30.59 0.21 0.00	28.82 0.16 0.00	28.36 0.30 0.00	36.86 0.74 0.00	38.20 0.41 0.00	44.21 0.26 0.00	45.93 -0.07 0.00	40.53 0.06 0.00	42.95 0.00 0.00	34.96 -0.54 0.00	33.27 -0.66 0.00	31.88 -0.50 0.00
DUNKIRK___2 23564	36.12 -0.68 0.00	30.68 -0.79 0.00	29.50 -0.80 0.00	28.53 -0.84 0.00	26.41 -0.89 0.00	25.81 -0.97 0.00	28.37 -0.81 0.00	28.54 -0.67 0.00	27.97 -0.83 0.00	26.23 -0.28 0.00	25.17 -0.16 0.00	26.86 0.07 0.00	30.59 0.21 0.00	28.82 0.16 0.00	28.36 0.30 0.00	36.86 0.74 0.00	38.20 0.41 0.00	44.21 0.26 0.00	45.93 -0.07 0.00	40.53 0.06 0.00	42.95 0.00 0.00	34.96 -0.54 0.00	33.27 -0.66 0.00	31.88 -0.50 0.00
DUNKIRK___3 23565	36.02 -0.78 0.00	30.61 -0.86 0.00	29.44 -0.86 0.00	28.49 -0.88 0.00	26.37 -0.92 0.00	25.80 -0.98 0.00	28.33 -0.84 0.00	28.47 -0.74 0.00	27.89 -0.91 0.00	26.13 -0.39 0.00	25.06 -0.27 0.00	26.72 -0.07 0.00	30.43 0.06 0.00	28.67 0.01 0.00	28.22 0.15 0.00	36.65 0.53 0.00	37.99 0.21 0.00	43.94 -0.02 0.00	45.68 -0.33 0.00	40.26 -0.21 0.00	42.65 -0.31 0.00	34.75 -0.73 0.00	33.13 -0.80 0.00	31.77 -0.61 0.00
DUNKIRK___4 23566	36.02 -0.78 0.00	30.61 -0.86 0.00	29.44 -0.86 0.00	28.49 -0.88 0.00	26.37 -0.92 0.00	25.80 -0.98 0.00	28.33 -0.84 0.00	28.47 -0.74 0.00	27.89 -0.91 0.00	26.13 -0.39 0.00	25.06 -0.27 0.00	26.72 -0.07 0.00	30.43 0.06 0.00	28.67 0.01 0.00	28.22 0.15 0.00	36.65 0.53 0.00	37.99 0.21 0.00	43.94 -0.02 0.00	45.68 -0.33 0.00	40.26 -0.21 0.00	42.65 -0.31 0.00	34.75 -0.73 0.00	33.13 -0.80 0.00	31.77 -0.61 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.35 1.55 0.00	32.67 1.20 0.00	31.22 0.93 0.00	30.19 0.82 0.00	28.11 0.82 0.00	27.63 0.86 0.00	30.10 0.92 0.00	30.25 1.04 0.00	29.83 1.03 0.00	27.61 1.09 0.00	26.55 1.22 0.00	28.15 1.36 0.00	31.90 1.52 0.00	30.19 1.53 0.00	29.86 1.80 0.00	38.43 2.31 0.00	40.13 2.35 0.00	46.50 2.54 0.00	48.36 2.35 0.00	42.41 1.94 0.00	44.96 2.01 0.00	37.34 1.85 0.00	35.57 1.64 0.00	34.00 1.61 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.02 1.22 0.00	32.39 0.93 0.00	31.00 0.70 0.00	29.98 0.61 0.00	27.91 0.62 0.00	27.42 0.64 0.00	29.86 0.69 0.00	30.00 0.79 0.00	29.55 0.75 0.00	27.31 0.79 0.00	26.23 0.89 0.00	27.80 1.01 0.00	31.49 1.12 0.00	29.82 1.16 0.00	29.49 1.43 0.00	38.01 1.89 0.00	39.77 1.98 0.00	46.20 2.25 0.00	48.13 2.13 0.00	42.21 1.74 0.00	44.71 1.76 0.00	37.04 1.55 0.00	35.27 1.34 0.00	33.68 1.30 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	38.57 1.77 0.00	32.85 1.38 0.00	31.36 1.06 0.00	30.35 0.98 0.00	28.30 1.00 0.00	27.77 0.99 0.00	30.24 1.07 0.00	30.41 1.20 0.00	30.04 1.24 0.00	27.77 1.26 0.00	26.68 1.35 0.00	28.32 1.53 0.00	32.07 1.70 0.00	30.35 1.69 0.00	30.04 1.98 0.00	38.60 2.49 0.00	40.32 2.53 0.00	46.73 2.77 0.00	48.58 2.57 0.00	42.59 2.13 0.00	45.19 2.24 0.00	37.51 2.02 0.00	35.70 1.77 0.00	34.13 1.75 0.00
E179THST_13_KV_LOAD 356214	38.75 1.95 0.00	32.98 1.51 0.00	31.49 1.20 0.00	30.48 1.11 0.00	28.41 1.11 0.00	27.88 1.10 0.00	30.37 1.20 0.00	30.55 1.34 0.00	30.18 1.38 0.00	27.90 1.39 0.00	26.82 1.49 0.00	28.46 1.67 0.00	32.25 1.87 0.00	30.51 1.85 0.00	30.21 2.15 0.00	38.82 2.70 0.00	40.53 2.75 0.00	46.99 3.03 0.00	48.85 2.84 0.00	42.82 2.36 0.00	45.45 2.50 0.00	37.71 2.22 0.00	35.89 1.96 0.00	34.31 1.92 0.00
EAST HAMPTON___GT 23717	40.05 3.25 0.00	33.99 2.52 0.00	32.40 2.11 0.00	31.19 1.82 0.00	29.04 1.75 0.00	28.54 1.76 0.00	31.51 2.33 0.00	31.48 2.27 0.00	31.01 2.21 0.00	28.83 2.32 0.00	27.75 2.41 0.00	30.61 2.72 -1.11	34.96 3.19 -1.40	35.40 3.24 -3.49	34.54 3.52 -2.96	40.50 4.39 0.00	42.57 4.79 0.00	49.21 5.25 0.00	50.14 4.13 0.00	43.96 3.49 0.00	46.61 3.66 0.00	37.97 2.48 0.00	36.27 2.34 0.00	34.74 2.35 0.00
EAST RIVER___6 23660	38.56 1.76 0.00	32.85 1.38 0.00	31.38 1.09 0.00	30.34 0.97 0.00	28.28 0.98 0.00	27.79 1.01 0.00	30.26 1.09 0.00	30.43 1.22 0.00	30.02 1.22 0.00	27.81 1.30 0.00	26.76 1.43 0.00	28.39 1.60 0.00	32.17 1.80 0.00	30.46 1.80 0.00	30.16 2.10 0.00	38.76 2.65 0.00	40.48 2.70 0.00	46.88 2.92 0.00	48.73 2.72 0.00	42.71 2.24 0.00	45.26 2.31 0.00	37.62 2.13 0.00	35.84 1.91 0.00	34.23 1.84 0.00
EAST RIVER___7 23524	38.56 1.76 0.00	32.85 1.38 0.00	31.38 1.09 0.00	30.34 0.97 0.00	28.28 0.98 0.00	27.79 1.01 0.00	30.26 1.09 0.00	30.43 1.22 0.00	30.02 1.22 0.00	27.81 1.30 0.00	26.76 1.43 0.00	28.39 1.60 0.00	32.17 1.80 0.00	30.46 1.80 0.00	30.16 2.10 0.00	38.76 2.65 0.00	40.48 2.70 0.00	46.88 2.92 0.00	48.73 2.72 0.00	42.71 2.24 0.00	45.26 2.31 0.00	37.62 2.13 0.00	35.84 1.91 0.00	34.23 1.84 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.27 1.47 0.00	32.61 1.14 0.00	31.17 0.87 0.00	30.14 0.77 0.00	28.07 0.78 0.00	27.58 0.80 0.00	30.04 0.87 0.00	30.20 0.98 0.00	29.77 0.97 0.00	27.54 1.03 0.00	26.48 1.15 0.00	28.07 1.28 0.00	31.81 1.43 0.00	30.10 1.44 0.00	29.78 1.72 0.00	38.32 2.20 0.00	40.03 2.24 0.00	46.41 2.45 0.00	48.28 2.27 0.00	42.34 1.87 0.00	44.87 1.92 0.00	37.25 1.76 0.00	35.48 1.56 0.00	33.92 1.54 0.00
EAST_HAMPTON___DIESEL 23722	40.06 3.26 0.00	34.00 2.54 0.00	32.42 2.12 0.00	31.21 1.85 0.00	29.05 1.75 0.00	28.54 1.77 0.00	31.52 2.34 0.00	31.49 2.28 0.00	31.02 2.22 0.00	28.84 2.33 0.00	27.76 2.42 0.00	30.63 2.74 -1.11	34.98 3.20 -1.40	35.41 3.25 -3.49	34.55 3.53 -2.96	40.51 4.39 0.00	42.58 4.80 0.00	49.20 5.25 0.00	50.12 4.11 0.00	43.94 3.47 0.00	46.60 3.64 0.00	37.95 2.46 0.00	36.26 2.33 0.00	34.72 2.33 0.00
EAST_POINT___SOLAR 323840	39.18 2.38 0.00	33.45 1.98 0.00	32.10 1.80 0.00	31.08 1.71 0.00	28.89 1.59 0.00	28.33 1.55 0.00	30.93 1.76 0.00	30.67 1.46 0.00	29.32 0.53 0.00	26.50 -0.01 0.00	25.17 -0.17 0.00	26.66 -0.13 0.00	30.55 0.17 0.00	29.20 0.54 0.00	29.05 0.99 0.00	37.66 1.55 0.00	39.58 1.79 0.00	46.38 2.42 0.00	49.52 3.51 0.00	43.76 3.29 0.00	46.39 3.44 0.00	38.16 2.67 0.00	36.34 2.41 0.00	34.59 2.21 0.00
EAST_PULASKI___ESR 323781	36.88 0.07 0.00	31.52 0.05 0.00	30.30 0.01 0.00	29.38 0.01 0.00	27.29 -0.01 0.00	26.73 -0.05 0.00	29.16 -0.01 0.00	29.17 -0.05 0.00	28.60 -0.20 0.00	26.22 -0.29 0.00	24.97 -0.37 0.00	26.44 -0.35 0.00	30.04 -0.34 0.00	28.38 -0.28 0.00	27.82 -0.24 0.00	35.82 -0.29 0.00	37.60 -0.19 0.00	43.93 -0.03 0.00	46.17 0.16 0.00	40.78 0.31 0.00	43.23 0.28 0.00	35.69 0.20 0.00	34.02 0.09 0.00	32.41 0.03 0.00
EAST_RIVER___1 323558	38.52 1.72 0.00	32.81 1.34 0.00	31.34 1.05 0.00	30.29 0.93 0.00	28.23 0.93 0.00	27.74 0.96 0.00	30.21 1.04 0.00	30.38 1.17 0.00	29.97 1.17 0.00	27.76 1.25 0.00	26.70 1.37 0.00	28.31 1.53 0.00	32.10 1.72 0.00	30.38 1.72 0.00	30.08 2.02 0.00	38.68 2.57 0.00	40.37 2.59 0.00	46.75 2.80 0.00	48.61 2.60 0.00	42.61 2.14 0.00	45.17 2.22 0.00	37.52 2.03 0.00	35.75 1.82 0.00	34.15 1.77 0.00
EAST_RIVER___2 323559	38.56 1.76 0.00	32.85 1.38 0.00	31.38 1.09 0.00	30.34 0.97 0.00	28.28 0.98 0.00	27.79 1.01 0.00	30.26 1.09 0.00	30.43 1.22 0.00	30.02 1.22 0.00	27.81 1.30 0.00	26.76 1.43 0.00	28.39 1.60 0.00	32.17 1.80 0.00	30.46 1.80 0.00	30.16 2.10 0.00	38.76 2.65 0.00	40.48 2.70 0.00	46.88 2.92 0.00	48.73 2.72 0.00	42.71 2.24 0.00	45.26 2.31 0.00	37.62 2.13 0.00	35.84 1.91 0.00	34.23 1.84 0.00
EAST___DELAWARE_HYD 23607	36.97 0.17 0.00	31.48 0.01 0.00	30.12 -0.18 0.00	29.12 -0.25 0.00	27.12 -0.17 0.00	26.64 -0.14 0.00	29.01 -0.16 0.00	29.15 -0.06 0.00	28.72 -0.08 0.00	26.50 -0.01 0.00	25.43 0.09 0.00	26.92 0.13 0.00	30.52 0.14 0.00	28.90 0.24 0.00	28.55 0.49 0.00	36.85 0.73 0.00	38.60 0.81 0.00	44.96 1.00 0.00	46.95 0.94 0.00	41.17 0.70 0.00	43.61 0.65 0.00	36.10 0.61 0.00	34.37 0.44 0.00	32.79 0.41 0.00
EIGHT_POINT___WT_PWR 323820	37.81 1.01 0.00	32.12 0.65 0.00	30.78 0.48 0.00	29.82 0.45 0.00	27.73 0.44 0.00	27.14 0.36 0.00	29.83 0.65 0.00	29.93 0.71 0.00	29.06 0.27 0.00	27.04 0.53 0.00	25.74 0.41 0.00	27.47 0.68 0.00	31.17 0.79 0.00	29.47 0.81 0.00	28.97 0.90 0.00	37.61 1.49 0.00	39.27 1.48 0.00	45.82 1.87 0.00	48.25 2.24 0.00	42.66 2.19 0.00	44.54 1.58 0.00	36.14 0.64 0.00	34.31 0.38 0.00	33.14 0.75 0.00
ELBRIDGE_115KV_TB2 80188	36.59 -0.21 0.00	31.25 -0.21 0.00	30.12 -0.18 0.00	29.21 -0.16 0.00	27.09 -0.20 0.00	26.61 -0.17 0.00	29.00 -0.17 0.00	29.03 -0.19 0.00	28.50 -0.29 0.00	26.24 -0.28 0.00	24.98 -0.35 0.00	26.49 -0.30 0.00	30.05 -0.33 0.00	28.44 -0.21 0.00	27.92 -0.14 0.00	36.09 -0.03 0.00	37.76 -0.03 0.00	43.96 0.01 0.00	46.02 0.01 0.00	40.40 -0.07 0.00	42.85 -0.10 0.00	35.30 -0.19 0.00	33.65 -0.28 0.00	32.16 -0.22 0.00
ELEC_TRO_TEK 24086	38.77 1.97 0.00	32.98 1.51 0.00	31.46 1.16 0.00	30.37 1.01 0.00	28.27 0.97 0.00	27.76 0.98 0.00	30.34 1.17 0.00	30.48 1.27 0.00	30.06 1.26 0.00	27.84 1.33 0.00	26.84 1.50 0.00	31.69 1.72 -3.18	35.71 1.93 -3.40	34.17 1.94 -3.57	33.28 2.20 -3.02	38.79 2.67 0.00	40.50 2.71 0.00	46.88 2.93 0.00	48.53 2.52 0.00	42.52 2.05 0.00	45.20 2.25 0.00	37.40 1.91 0.00	35.71 1.79 0.00	34.29 1.90 0.00

ELLENBURG_WT_PWR 323604	38.64 1.84 0.00	32.89 1.42 0.00	31.67 1.37 0.00	30.59 1.23 0.00	28.38 1.08 0.00	27.94 1.16 0.00	30.55 1.38 0.00	30.71 1.50 0.00	30.17 1.37 0.00	27.77 1.25 0.00	26.56 1.23 0.00	28.00 1.21 0.00	31.85 1.48 0.00	30.03 1.37 0.00	29.33 1.27 0.00	37.69 1.58 0.00	39.31 1.52 0.00	45.85 1.90 0.00	48.03 2.02 0.00	42.32 1.86 0.00	44.91 1.96 0.00	36.64 1.15 0.00	35.33 1.40 0.00	33.53 1.14 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.68 -1.12 0.00	30.41 -1.05 0.00	29.30 -1.00 0.00	28.36 -1.01 0.00	26.24 -1.05 0.00	25.70 -1.08 0.00	28.17 -1.00 0.00	28.25 -0.97 0.00	27.68 -1.12 0.00	25.86 -0.66 0.00	24.79 -0.54 0.00	26.36 -0.43 0.00	30.06 -0.32 0.00	28.26 -0.40 0.00	27.81 -0.25 0.00	36.05 -0.07 0.00	37.44 -0.34 0.00	43.13 -0.83 0.00	44.93 -1.08 0.00	39.54 -0.93 0.00	41.90 -1.05 0.00	34.20 -1.29 0.00	32.71 -1.22 0.00	31.44 -0.95 0.00
EMPIRE_CC_1 323656	37.07 0.27 0.00	31.88 0.41 0.00	30.75 0.45 0.00	29.80 0.43 0.00	27.70 0.40 0.00	27.27 0.48 0.00	29.63 0.45 0.00	29.76 0.55 0.00	29.17 0.37 0.00	26.71 0.20 0.00	25.59 0.26 0.00	26.87 0.08 0.00	30.33 -0.05 0.00	28.59 -0.07 0.00	28.25 0.19 0.00	36.40 0.29 0.00	38.08 0.30 0.00	44.27 0.31 0.00	46.41 0.40 0.00	40.90 0.43 0.00	43.37 0.42 0.00	36.09 0.60 0.00	34.33 0.40 0.00	32.86 0.47 0.00
EMPIRE_CC_2 323658	37.07 0.27 0.00	31.88 0.41 0.00	30.75 0.45 0.00	29.80 0.43 0.00	27.70 0.40 0.00	27.27 0.48 0.00	29.63 0.45 0.00	29.76 0.55 0.00	29.17 0.37 0.00	26.71 0.20 0.00	25.59 0.26 0.00	26.87 0.08 0.00	30.33 -0.05 0.00	28.59 -0.07 0.00	28.25 0.19 0.00	36.40 0.29 0.00	38.08 0.30 0.00	44.27 0.31 0.00	46.41 0.40 0.00	40.90 0.43 0.00	43.37 0.42 0.00	36.09 0.60 0.00	34.33 0.40 0.00	32.86 0.47 0.00
ENORWICH_115KV_TB1 80156	39.09 2.29 0.00	33.25 1.78 0.00	31.95 1.65 0.00	30.84 1.47 0.00	28.69 1.40 0.00	28.18 1.41 0.00	30.82 1.65 0.00	30.88 1.67 0.00	30.13 1.34 0.00	27.64 1.12 0.00	26.18 0.85 0.00	27.73 0.94 0.00	31.56 1.18 0.00	29.87 1.21 0.00	29.41 1.36 0.00	38.14 2.02 0.00	40.25 2.47 0.00	47.28 3.32 0.00	49.98 3.98 0.00	44.14 3.67 0.00	46.70 3.74 0.00	38.20 2.71 0.00	36.27 2.34 0.00	34.53 2.15 0.00
ERIE_ST_34_KV_TB1-2 80199	36.46 -0.34 0.00	31.02 -0.45 0.00	29.86 -0.44 0.00	28.93 -0.44 0.00	26.77 -0.53 0.00	26.23 -0.55 0.00	28.76 -0.42 0.00	28.83 -0.38 0.00	28.27 -0.53 0.00	26.41 -0.10 0.00	25.32 -0.01 0.00	26.92 0.13 0.00	30.69 0.32 0.00	28.89 0.23 0.00	28.49 0.43 0.00	36.96 0.84 0.00	38.40 0.61 0.00	44.34 0.38 0.00	46.18 0.17 0.00	40.60 0.13 0.00	43.00 0.05 0.00	35.07 -0.42 0.00	33.51 -0.42 0.00	32.14 -0.24 0.00
ERIE_WT_PWR 323693	36.00 -0.80 0.00	30.65 -0.81 0.00	29.53 -0.77 0.00	28.57 -0.79 0.00	26.44 -0.85 0.00	25.91 -0.87 0.00	28.40 -0.77 0.00	28.48 -0.73 0.00	27.90 -0.90 0.00	26.08 -0.44 0.00	25.00 -0.34 0.00	26.62 -0.17 0.00	30.33 -0.06 0.00	28.51 -0.15 0.00	28.07 0.01 0.00	36.39 0.28 0.00	37.81 0.02 0.00	43.61 -0.34 0.00	45.41 -0.60 0.00	39.97 -0.50 0.00	42.31 -0.64 0.00	34.54 -0.96 0.00	32.99 -0.94 0.00	31.68 -0.70 0.00
ESPRGFLD_115KV_TB1 80157	38.55 1.74 0.00	32.89 1.42 0.00	31.55 1.25 0.00	30.57 1.20 0.00	28.41 1.11 0.00	27.82 1.04 0.00	30.36 1.19 0.00	30.33 1.11 0.00	29.76 0.96 0.00	27.46 0.95 0.00	26.19 0.86 0.00	27.79 1.00 0.00	31.65 1.28 0.00	30.00 1.34 0.00	29.42 1.36 0.00	37.90 1.78 0.00	39.70 1.91 0.00	46.31 2.36 0.00	48.67 2.66 0.00	42.83 2.36 0.00	45.39 2.44 0.00	37.33 1.84 0.00	35.61 1.68 0.00	33.93 1.54 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.39 0.58 0.00	31.88 0.42 0.00	30.65 0.36 0.00	29.70 0.33 0.00	27.60 0.30 0.00	27.06 0.27 0.00	29.54 0.37 0.00	29.58 0.37 0.00	28.99 0.19 0.00	26.64 0.13 0.00	25.37 0.04 0.00	26.88 0.09 0.00	30.53 0.15 0.00	28.90 0.24 0.00	28.42 0.36 0.00	36.78 0.66 0.00	38.52 0.73 0.00	45.05 1.10 0.00	47.35 1.34 0.00	41.75 1.28 0.00	44.21 1.25 0.00	36.32 0.83 0.00	34.57 0.64 0.00	32.98 0.59 0.00
ETNA____115KV_TB2 80207	37.39 0.58 0.00	31.88 0.42 0.00	30.65 0.36 0.00	29.70 0.33 0.00	27.60 0.30 0.00	27.06 0.27 0.00	29.54 0.37 0.00	29.58 0.37 0.00	28.99 0.19 0.00	26.64 0.13 0.00	25.37 0.04 0.00	26.88 0.09 0.00	30.53 0.15 0.00	28.90 0.24 0.00	28.42 0.36 0.00	36.78 0.66 0.00	38.52 0.73 0.00	45.05 1.10 0.00	47.35 1.34 0.00	41.75 1.28 0.00	44.21 1.25 0.00	36.32 0.83 0.00	34.57 0.64 0.00	32.98 0.59 0.00
EUCLID____115KV_TB2 356179	36.45 -0.36 0.00	31.18 -0.29 0.00	30.01 -0.29 0.00	29.09 -0.27 0.00	27.02 -0.27 0.00	26.51 -0.27 0.00	28.88 -0.29 0.00	28.89 -0.32 0.00	28.39 -0.40 0.00	26.13 -0.38 0.00	24.92 -0.41 0.00	26.39 -0.40 0.00	29.97 -0.41 0.00	28.32 -0.34 0.00	27.83 -0.23 0.00	35.89 -0.22 0.00	37.55 -0.23 0.00	43.71 -0.25 0.00	45.73 -0.27 0.00	40.23 -0.24 0.00	42.63 -0.32 0.00	35.15 -0.34 0.00	33.52 -0.42 0.00	32.02 -0.36 0.00
E_CANADA_CAP_HY 24051	39.00 2.20 0.00	33.31 1.85 0.00	31.96 1.66 0.00	30.95 1.59 0.00	28.78 1.48 0.00	28.20 1.42 0.00	30.76 1.58 0.00	30.67 1.45 0.00	29.92 1.12 0.00	27.39 0.88 0.00	26.02 0.69 0.00	27.56 0.77 0.00	31.41 1.03 0.00	29.79 1.13 0.00	29.25 1.19 0.00	37.67 1.56 0.00	39.52 1.73 0.00	46.25 2.29 0.00	49.03 3.02 0.00	43.23 2.76 0.00	45.84 2.88 0.00	37.75 2.26 0.00	36.02 2.09 0.00	34.33 1.94 0.00
E_CANADA_MHWK_HY 24050	36.55 -0.25 0.00	31.15 -0.31 0.00	30.04 -0.25 0.00	29.15 -0.21 0.00	27.09 -0.21 0.00	26.69 -0.08 0.00	29.12 -0.06 0.00	29.19 -0.03 0.00	28.15 -0.64 0.00	25.26 -1.25 0.00	24.03 -1.30 0.00	25.41 -1.38 0.00	28.77 -1.61 0.00	27.25 -1.42 0.00	27.08 -0.98 0.00	35.34 -0.78 0.00	37.03 -0.76 0.00	43.72 -0.23 0.00	46.50 0.49 0.00	41.12 0.65 0.00	43.59 0.63 0.00	36.18 0.69 0.00	34.16 0.23 0.00	32.60 0.22 0.00
E_FISHKILL____LBMP 23776	37.95 1.15 0.00	32.36 0.89 0.00	30.98 0.68 0.00	29.96 0.60 0.00	27.90 0.61 0.00	27.42 0.64 0.00	29.86 0.69 0.00	30.00 0.79 0.00	29.54 0.74 0.00	27.28 0.77 0.00	26.21 0.88 0.00	27.75 0.96 0.00	31.43 1.05 0.00	29.73 1.07 0.00	29.41 1.34 0.00	37.86 1.74 0.00	39.58 1.79 0.00	45.93 1.98 0.00	47.84 1.83 0.00	41.99 1.52 0.00	44.50 1.55 0.00	36.93 1.44 0.00	35.17 1.24 0.00	33.62 1.24 0.00
FALCON____SEABRD_CC1 323796	38.67 1.86 0.00	32.91 1.44 0.00	31.69 1.39 0.00	30.61 1.24 0.00	28.39 1.09 0.00	27.95 1.17 0.00	30.57 1.39 0.00	30.73 1.52 0.00	30.18 1.39 0.00	27.77 1.26 0.00	26.58 1.24 0.00	28.01 1.22 0.00	31.87 1.49 0.00	30.05 1.39 0.00	29.35 1.29 0.00	37.72 1.61 0.00	39.34 1.56 0.00	45.90 1.95 0.00	48.08 2.07 0.00	42.41 1.94 0.00	45.05 2.10 0.00	36.77 1.28 0.00	35.43 1.50 0.00	33.63 1.25 0.00

FALCON___SEABRD_CC2 323797	38.67 1.86 0.00	32.91 1.44 0.00	31.69 1.39 0.00	30.61 1.24 0.00	28.39 1.09 0.00	27.95 1.17 0.00	30.57 1.39 0.00	30.73 1.52 0.00	30.18 1.39 0.00	27.77 1.26 0.00	26.58 1.24 0.00	28.01 1.22 0.00	31.87 1.49 0.00	30.05 1.39 0.00	29.35 1.29 0.00	37.72 1.61 0.00	39.34 1.56 0.00	45.90 1.95 0.00	48.08 2.07 0.00	42.41 1.94 0.00	45.05 2.10 0.00	36.77 1.28 0.00	35.43 1.50 0.00	33.63 1.25 0.00
FAR ROCKAWAY___4 23548	39.32 2.52 0.00	33.45 1.98 0.00	31.90 1.60 0.00	30.79 1.42 0.00	28.64 1.34 0.00	28.12 1.34 0.00	30.73 1.56 0.00	30.84 1.63 0.00	30.45 1.65 0.00	28.21 1.70 0.00	27.24 1.90 -0.01	35.07 2.13 -6.15	39.06 2.43 -6.25	34.79 2.45 -3.68	33.90 2.74 -3.09	39.46 3.35 0.00	41.19 3.40 0.00	47.67 3.72 0.00	49.34 3.34 0.00	43.20 2.73 0.00	45.88 2.93 0.00	37.96 2.47 0.00	36.29 2.36 0.00	34.83 2.43 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.53 1.74 0.00	32.83 1.36 0.00	31.36 1.06 0.00	30.32 0.95 0.00	28.24 0.95 0.00	27.75 0.97 0.00	30.23 1.05 0.00	30.40 1.19 0.00	29.99 1.19 0.00	27.77 1.26 0.00	26.72 1.39 0.00	28.35 1.56 0.00	32.12 1.75 0.00	30.40 1.74 0.00	30.09 2.03 0.00	38.69 2.58 0.00	40.39 2.60 0.00	46.78 2.82 0.00	48.63 2.62 0.00	42.63 2.16 0.00	45.20 2.25 0.00	37.55 2.06 0.00	35.77 1.84 0.00	34.17 1.78 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.56 1.76 0.00	32.85 1.38 0.00	31.38 1.08 0.00	30.33 0.96 0.00	28.26 0.96 0.00	27.77 0.99 0.00	30.24 1.07 0.00	30.41 1.20 0.00	30.00 1.20 0.00	27.79 1.28 0.00	26.74 1.40 0.00	28.36 1.57 0.00	32.14 1.76 0.00	30.42 1.76 0.00	30.12 2.05 0.00	38.73 2.61 0.00	40.41 2.63 0.00	46.80 2.84 0.00	48.66 2.65 0.00	42.66 2.19 0.00	45.24 2.28 0.00	37.57 2.08 0.00	35.79 1.86 0.00	34.20 1.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.52 1.72 0.00	32.81 1.34 0.00	31.35 1.05 0.00	30.30 0.93 0.00	28.23 0.94 0.00	27.74 0.96 0.00	30.21 1.04 0.00	30.38 1.17 0.00	29.97 1.17 0.00	27.76 1.25 0.00	26.71 1.37 0.00	28.33 1.54 0.00	32.10 1.72 0.00	30.37 1.72 0.00	30.07 2.01 0.00	38.67 2.56 0.00	40.36 2.58 0.00	46.74 2.78 0.00	48.59 2.58 0.00	42.59 2.13 0.00	45.17 2.22 0.00	37.52 2.03 0.00	35.75 1.82 0.00	34.15 1.77 0.00
FARRAGUT___LBMP 323566	38.49 1.69 0.00	32.78 1.31 0.00	31.32 1.02 0.00	30.28 0.92 0.00	28.21 0.92 0.00	27.72 0.94 0.00	30.19 1.02 0.00	30.37 1.16 0.00	29.95 1.15 0.00	27.74 1.23 0.00	26.69 1.35 0.00	28.30 1.51 0.00	32.07 1.69 0.00	30.34 1.69 0.00	30.04 1.98 0.00	38.64 2.52 0.00	40.33 2.54 0.00	46.70 2.75 0.00	48.55 2.55 0.00	42.56 2.10 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.72 1.79 0.00	34.12 1.74 0.00
FENNER___WINDPWR 24204	37.52 0.72 0.00	32.01 0.54 0.00	30.78 0.48 0.00	29.82 0.46 0.00	27.72 0.42 0.00	27.18 0.41 0.00	29.66 0.49 0.00	29.70 0.48 0.00	29.11 0.31 0.00	26.72 0.21 0.00	25.50 0.16 0.00	27.01 0.22 0.00	30.67 0.30 0.00	29.01 0.35 0.00	28.51 0.45 0.00	36.81 0.70 0.00	38.56 0.77 0.00	45.03 1.08 0.00	47.30 1.29 0.00	41.68 1.21 0.00	44.14 1.19 0.00	36.33 0.84 0.00	34.61 0.68 0.00	32.99 0.60 0.00
FIBERTEK___ENERGY 23856	36.83 0.03 0.00	31.47 0.00 0.00	30.30 0.00 0.00	29.38 0.01 0.00	27.27 -0.03 0.00	26.75 -0.03 0.00	29.17 0.00 0.00	29.18 -0.03 0.00	28.67 -0.13 0.00	26.39 -0.12 0.00	25.15 -0.19 0.00	26.65 -0.14 0.00	30.26 -0.11 0.00	28.63 -0.03 0.00	28.13 0.07 0.00	36.31 0.20 0.00	38.02 0.23 0.00	44.28 0.33 0.00	46.35 0.34 0.00	40.72 0.25 0.00	43.14 0.19 0.00	35.54 0.05 0.00	33.88 -0.05 0.00	32.36 -0.03 0.00
FITZPATRICK____ 23598	36.03 -0.77 0.00	30.85 -0.62 0.00	29.70 -0.60 0.00	28.81 -0.55 0.00	26.76 -0.53 0.00	26.24 -0.54 0.00	28.58 -0.59 0.00	28.58 -0.63 0.00	28.11 -0.69 0.00	25.86 -0.65 0.00	24.64 -0.69 0.00	26.07 -0.72 0.00	29.59 -0.79 0.00	27.94 -0.72 0.00	27.42 -0.64 0.00	35.36 -0.75 0.00	36.99 -0.80 0.00	43.02 -0.94 0.00	45.03 -0.97 0.00	39.62 -0.85 0.00	42.01 -0.94 0.00	34.65 -0.85 0.00	33.07 -0.86 0.00	31.59 -0.79 0.00
FLOWRFLD_69_KV_BK1 356044	38.99 2.19 0.00	33.13 1.66 0.00	31.56 1.26 0.00	30.40 1.03 0.00	28.31 1.01 0.00	27.82 1.04 0.00	30.59 1.41 0.00	30.69 1.48 0.00	30.20 1.40 0.00	27.99 1.48 0.00	26.91 1.58 0.00	29.75 1.85 -1.12	33.91 2.11 -1.41	34.34 2.19 -3.49	33.50 2.47 -2.96	39.08 2.96 0.00	41.00 3.22 0.00	47.27 3.31 0.00	48.70 2.69 0.00	42.81 2.34 0.00	45.49 2.54 0.00	37.40 1.91 0.00	35.68 1.75 0.00	34.32 1.94 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.39 1.59 0.00	32.70 1.23 0.00	31.30 1.01 0.00	30.27 0.90 0.00	28.18 0.88 0.00	27.69 0.91 0.00	30.15 0.98 0.00	30.31 1.10 0.00	29.86 1.06 0.00	27.57 1.06 0.00	26.50 1.16 0.00	28.07 1.28 0.00	31.83 1.45 0.00	30.16 1.50 0.00	29.84 1.78 0.00	38.49 2.37 0.00	40.28 2.49 0.00	46.80 2.84 0.00	48.74 2.73 0.00	42.73 2.27 0.00	45.24 2.29 0.00	37.48 1.99 0.00	35.65 1.72 0.00	34.04 1.65 0.00
FORT ORANGE____ 23900	37.17 0.37 0.00	31.88 0.41 0.00	30.86 0.56 0.00	29.91 0.54 0.00	27.81 0.51 0.00	27.36 0.58 0.00	29.76 0.59 0.00	29.89 0.67 0.00	29.24 0.44 0.00	26.65 0.14 0.00	25.54 0.20 0.00	26.85 0.06 0.00	30.34 -0.04 0.00	28.65 -0.01 0.00	28.29 0.23 0.00	36.50 0.38 0.00	38.26 0.48 0.00	44.64 0.68 0.00	46.86 0.85 0.00	41.31 0.84 0.00	43.79 0.84 0.00	36.29 0.80 0.00	34.50 0.56 0.00	32.95 0.56 0.00
FORT_DRUM_COGEN 23780	38.25 1.45 0.00	32.57 1.10 0.00	31.26 0.96 0.00	30.24 0.87 0.00	28.11 0.81 0.00	27.56 0.79 0.00	30.14 0.97 0.00	30.15 0.93 0.00	29.38 0.58 0.00	26.78 0.27 0.00	25.43 0.10 0.00	26.90 0.11 0.00	30.61 0.23 0.00	28.90 0.24 0.00	28.28 0.21 0.00	36.51 0.39 0.00	38.53 0.74 0.00	45.35 1.39 0.00	48.15 2.14 0.00	42.78 2.32 0.00	45.43 2.48 0.00	37.36 1.87 0.00	35.52 1.59 0.00	33.69 1.31 0.00
FOX_HILLS___ESR 323835	38.79 1.99 0.00	33.10 1.64 0.00	31.63 1.33 0.00	30.41 1.05 0.00	28.33 1.04 0.00	27.82 1.04 0.00	30.32 1.15 0.00	30.47 1.26 0.00	30.07 1.28 0.00	27.80 1.29 0.00	26.74 1.40 0.00	28.36 1.57 0.00	32.15 1.78 0.00	30.41 1.75 0.00	30.12 2.05 -0.01	37.91 2.61 0.81	39.60 2.66 0.85	44.03 2.88 2.81	48.75 2.75 0.00	42.78 2.31 0.00	45.38 2.43 0.00	37.81 2.31 -0.01	36.00 2.07 0.00	34.39 2.01 0.00
FPL FAR_ROCK_GT1 24212	39.32 2.52 0.00	33.45 1.98 0.00	31.90 1.60 0.00	30.79 1.42 0.00	28.64 1.34 0.00	28.12 1.34 0.00	30.73 1.56 0.00	30.84 1.63 0.00	30.44 1.65 0.00	28.21 1.70 0.00	27.24 1.90 -0.01	35.06 2.12 -6.15	39.06 2.43 -6.25	34.82 2.47 -3.69	33.91 2.76 -3.09	39.47 3.35 0.00	41.18 3.40 0.00	47.67 3.72 0.00	49.34 3.34 0.00	43.20 2.73 0.00	45.88 2.93 0.00	37.96 2.47 0.00	36.29 2.36 0.00	34.83 2.44 -0.01

FPL FAR_ROCK_GT2 23815	39.32 2.52 0.00	33.45 1.98 0.00	31.90 1.60 0.00	30.79 1.42 0.00	28.64 1.34 0.00	28.12 1.34 0.00	30.73 1.56 0.00	30.84 1.63 0.00	30.44 1.65 0.00	28.21 1.70 0.00	27.24 1.90 -0.01	35.06 2.12 -6.15	39.06 2.43 -6.25	34.82 2.47 -3.69	33.91 2.76 -3.09	39.47 3.35 0.00	41.18 3.40 0.00	47.67 3.72 0.00	49.34 3.34 0.00	43.20 2.73 0.00	45.88 2.93 0.00	37.96 2.47 0.00	36.29 2.36 0.00	34.83 2.44 -0.01
FRANKLIN_FALL_HYD 24054	37.72 0.92 0.00	32.17 0.70 0.00	30.93 0.63 0.00	29.91 0.55 0.00	27.77 0.47 0.00	27.25 0.47 0.00	29.77 0.60 0.00	29.87 0.66 0.00	29.49 0.69 0.00	27.16 0.65 0.00	25.95 0.61 0.00	27.39 0.60 0.00	31.16 0.78 0.00	29.30 0.64 0.00	28.45 0.38 0.00	36.53 0.42 0.00	38.17 0.39 0.00	44.64 0.68 0.00	46.87 0.86 0.00	41.35 0.88 0.00	44.00 1.04 0.00	36.11 0.62 0.00	34.72 0.79 0.00	32.88 0.50 0.00
FREEPORT_EQUUS_GT1 23764	39.03 2.23 0.00	33.18 1.71 0.00	31.63 1.33 0.00	30.52 1.16 0.00	28.40 1.11 0.00	27.89 1.11 0.00	30.51 1.34 0.00	30.64 1.42 0.00	30.23 1.43 0.00	28.00 1.49 0.00	27.01 1.67 0.00	31.60 1.90 -2.91	35.70 2.18 -3.13	34.43 2.20 -3.56	33.54 2.47 -3.01	39.12 3.01 0.00	40.86 3.07 0.00	47.27 3.32 0.00	48.83 2.82 0.00	42.72 2.25 0.00	45.53 2.58 0.00	37.63 2.14 0.00	35.94 2.01 0.00	34.51 2.12 0.00
FREEPORT___CT2 23818	39.03 2.23 0.00	33.18 1.71 0.00	31.63 1.33 0.00	30.52 1.16 0.00	28.40 1.11 0.00	27.89 1.11 0.00	30.51 1.34 0.00	30.64 1.42 0.00	30.23 1.43 0.00	28.00 1.49 0.00	27.01 1.67 0.00	31.60 1.90 -2.91	35.70 2.18 -3.13	34.43 2.20 -3.56	33.54 2.47 -3.01	39.12 3.01 0.00	40.86 3.07 0.00	47.27 3.32 0.00	48.83 2.82 0.00	42.72 2.25 0.00	45.53 2.58 0.00	37.63 2.14 0.00	35.94 2.01 0.00	34.51 2.12 0.00
FRESHKLS_33_KV_LOAD 356253	38.85 2.04 0.00	33.18 1.72 0.00	31.71 1.42 0.00	30.43 1.07 0.00	28.35 1.05 0.00	27.85 1.07 0.00	30.35 1.17 0.00	30.50 1.29 0.00	30.08 1.29 0.00	27.79 1.28 0.00	26.71 1.38 0.00	28.33 1.54 0.00	32.12 1.74 0.00	30.38 1.72 0.00	30.08 2.02 -0.01	37.89 2.58 0.81	39.62 2.68 0.85	44.06 2.91 2.81	48.85 2.84 0.00	42.88 2.41 0.00	45.43 2.47 0.00	37.88 2.38 -0.01	36.07 2.14 0.00	34.45 2.06 0.00
FULTON COGEN____ 23766	36.41 -0.39 0.00	31.16 -0.31 0.00	29.97 -0.32 0.00	29.08 -0.29 0.00	26.99 -0.31 0.00	26.47 -0.30 0.00	28.84 -0.33 0.00	28.85 -0.36 0.00	28.36 -0.44 0.00	26.08 -0.43 0.00	24.85 -0.48 0.00	26.27 -0.52 0.00	29.83 -0.55 0.00	28.18 -0.48 0.00	27.68 -0.38 0.00	35.71 -0.40 0.00	37.38 -0.40 0.00	43.53 -0.42 0.00	45.63 -0.38 0.00	40.18 -0.29 0.00	42.57 -0.38 0.00	35.09 -0.40 0.00	33.46 -0.47 0.00	31.95 -0.43 0.00
FULTON___LFGE 323630	38.90 2.10 0.00	33.22 1.76 0.00	31.89 1.60 0.00	30.90 1.53 0.00	28.71 1.42 0.00	28.16 1.38 0.00	30.74 1.57 0.00	30.64 1.43 0.00	29.81 1.01 0.00	27.03 0.52 0.00	25.46 0.12 0.00	26.90 0.11 0.00	30.61 0.23 0.00	29.01 0.35 0.00	28.57 0.51 0.00	36.87 0.75 0.00	38.83 1.04 0.00	45.81 1.86 0.00	49.05 3.04 0.00	43.36 2.89 0.00	45.98 3.03 0.00	37.88 2.39 0.00	36.07 2.14 0.00	34.36 1.97 0.00
G.F.CEMENT___DRP 24184	38.60 1.81 0.00	33.01 1.53 0.00	31.69 1.39 0.00	30.61 1.25 0.00	28.42 1.13 0.00	28.01 1.23 0.00	30.62 1.45 0.00	30.73 1.52 0.00	30.02 1.22 0.00	27.33 0.82 0.00	25.95 0.61 0.00	27.31 0.52 0.00	30.89 0.51 0.00	29.13 0.48 0.00	28.86 0.80 0.00	37.42 1.30 0.00	39.74 1.96 0.00	46.51 2.56 0.00	49.97 3.96 0.00	44.05 3.58 0.00	46.86 3.91 0.00	39.16 3.67 0.00	36.80 2.87 0.00	34.93 2.55 0.00
GARDENVILLE___LBMP 24039	35.84 -0.96 0.00	30.54 -0.93 0.00	29.41 -0.89 0.00	28.46 -0.91 0.00	26.34 -0.95 0.00	25.80 -0.98 0.00	28.28 -0.89 0.00	28.37 -0.85 0.00	27.80 -1.00 0.00	25.97 -0.54 0.00	24.90 -0.43 0.00	26.49 -0.31 0.00	30.20 -0.18 0.00	28.39 -0.26 0.00	27.97 -0.10 0.00	36.25 0.14 0.00	37.65 -0.14 0.00	43.41 -0.55 0.00	45.21 -0.80 0.00	39.78 -0.69 0.00	42.15 -0.80 0.00	34.39 -1.10 0.00	32.88 -1.05 0.00	31.57 -0.81 0.00
GARDNVLA_35_KV_LD 355827	36.02 -0.78 0.00	30.68 -0.79 0.00	29.55 -0.75 0.00	28.60 -0.77 0.00	26.46 -0.83 0.00	25.91 -0.87 0.00	28.42 -0.75 0.00	28.49 -0.73 0.00	27.92 -0.88 0.00	26.10 -0.42 0.00	25.02 -0.31 0.00	26.61 -0.17 0.00	30.37 -0.01 0.00	28.57 -0.08 0.00	28.13 0.07 0.00	36.49 0.38 0.00	37.90 0.11 0.00	43.70 -0.26 0.00	45.49 -0.52 0.00	40.03 -0.44 0.00	42.40 -0.55 0.00	34.58 -0.91 0.00	33.04 -0.89 0.00	31.73 -0.65 0.00
GELCKHM___115KV_LOAD 80723	36.58 -0.22 0.00	31.29 -0.18 0.00	30.12 -0.18 0.00	29.20 -0.17 0.00	27.12 -0.17 0.00	26.60 -0.18 0.00	28.99 -0.18 0.00	29.00 -0.21 0.00	28.50 -0.30 0.00	26.23 -0.28 0.00	25.01 -0.32 0.00	26.49 -0.30 0.00	30.08 -0.30 0.00	28.44 -0.22 0.00	27.95 -0.11 0.00	36.07 -0.05 0.00	37.74 -0.05 0.00	43.93 -0.02 0.00	45.98 -0.03 0.00	40.42 -0.05 0.00	42.82 -0.14 0.00	35.30 -0.19 0.00	33.65 -0.28 0.00	32.15 -0.24 0.00
GENERAL___MILLS 23808	35.96 -0.84 0.00	30.63 -0.84 0.00	29.50 -0.79 0.00	28.56 -0.81 0.00	26.43 -0.87 0.00	25.88 -0.89 0.00	28.37 -0.80 0.00	28.45 -0.76 0.00	27.88 -0.92 0.00	26.05 -0.46 0.00	24.99 -0.35 0.00	26.56 -0.22 0.00	30.30 -0.08 0.00	28.50 -0.15 0.00	28.06 0.00 0.00	36.39 0.28 0.00	37.80 0.01 0.00	43.58 -0.38 0.00	45.38 -0.63 0.00	39.94 -0.54 0.00	42.30 -0.65 0.00	34.50 -0.98 0.00	32.98 -0.95 0.00	31.68 -0.71 0.00
GE_PLASTICS___DRP 24183	37.11 0.30 0.00	31.80 0.33 0.00	30.77 0.47 0.00	29.82 0.45 0.00	27.73 0.43 0.00	27.27 0.49 0.00	29.66 0.49 0.00	29.77 0.56 0.00	29.16 0.36 0.00	26.63 0.12 0.00	25.52 0.19 0.00	26.87 0.08 0.00	30.36 -0.02 0.00	28.67 0.02 0.00	28.30 0.24 0.00	36.49 0.37 0.00	38.22 0.44 0.00	44.52 0.56 0.00	46.68 0.67 0.00	41.11 0.64 0.00	43.59 0.63 0.00	36.13 0.64 0.00	34.38 0.45 0.00	32.85 0.46 0.00
GILBOA___1 23756	37.25 0.44 0.00	31.84 0.37 0.00	30.71 0.41 0.00	29.84 0.48 0.00	27.76 0.46 0.00	27.18 0.40 0.00	29.59 0.42 0.00	29.58 0.37 0.00	29.07 0.27 0.00	26.76 0.24 0.00	25.63 0.30 0.00	27.10 0.31 0.00	30.69 0.31 0.00	29.00 0.34 0.00	28.59 0.53 0.00	36.85 0.73 0.00	38.46 0.67 0.00	44.65 0.69 0.00	46.67 0.66 0.00	41.02 0.55 0.00	43.56 0.61 0.00	36.11 0.62 0.00	34.43 0.50 0.00	32.93 0.55 0.00
GILBOA___2 23757	37.25 0.44 0.00	31.84 0.37 0.00	30.71 0.41 0.00	29.84 0.48 0.00	27.76 0.46 0.00	27.18 0.40 0.00	29.59 0.42 0.00	29.58 0.37 0.00	29.07 0.27 0.00	26.76 0.24 0.00	25.63 0.30 0.00	27.10 0.31 0.00	30.69 0.31 0.00	29.00 0.34 0.00	28.59 0.53 0.00	36.85 0.73 0.00	38.46 0.67 0.00	44.65 0.69 0.00	46.67 0.66 0.00	41.02 0.55 0.00	43.56 0.61 0.00	36.11 0.62 0.00	34.43 0.50 0.00	32.93 0.55 0.00

GILBOA___3 23758	37.25 0.44 0.00	31.84 0.37 0.00	30.71 0.41 0.00	29.84 0.48 0.00	27.76 0.46 0.00	27.18 0.40 0.00	29.59 0.42 0.00	29.58 0.37 0.00	29.07 0.27 0.00	26.76 0.24 0.00	25.63 0.30 0.00	27.10 0.31 0.00	30.69 0.31 0.00	29.00 0.34 0.00	28.59 0.53 0.00	36.85 0.73 0.00	38.46 0.67 0.00	44.65 0.69 0.00	46.67 0.66 0.00	41.02 0.55 0.00	43.56 0.61 0.00	36.11 0.62 0.00	34.43 0.50 0.00	32.93 0.55 0.00
GILBOA___4 23759	37.25 0.44 0.00	31.84 0.37 0.00	30.71 0.41 0.00	29.84 0.48 0.00	27.76 0.46 0.00	27.18 0.40 0.00	29.59 0.42 0.00	29.58 0.37 0.00	29.07 0.27 0.00	26.76 0.24 0.00	25.63 0.30 0.00	27.10 0.31 0.00	30.69 0.31 0.00	29.00 0.34 0.00	28.59 0.53 0.00	36.85 0.73 0.00	38.46 0.67 0.00	44.65 0.69 0.00	46.67 0.66 0.00	41.02 0.55 0.00	43.56 0.61 0.00	36.11 0.62 0.00	34.43 0.50 0.00	32.93 0.55 0.00
GILBOA___ 23599	37.25 0.44 0.00	31.83 0.37 0.00	30.71 0.41 0.00	29.85 0.48 0.00	27.76 0.46 0.00	27.18 0.40 0.00	29.59 0.42 0.00	29.58 0.37 0.00	29.07 0.27 0.00	26.76 0.24 0.00	25.63 0.30 0.00	27.10 0.31 0.00	30.69 0.31 0.00	29.00 0.34 0.00	28.59 0.53 0.00	36.84 0.73 0.00	38.46 0.67 0.00	44.65 0.69 0.00	46.67 0.66 0.00	41.02 0.55 0.00	43.56 0.61 0.00	36.11 0.62 0.00	34.43 0.50 0.00	32.93 0.55 0.00
GINNA___ 23603	34.71 -2.09 0.00	29.63 -1.84 0.00	28.52 -1.78 0.00	27.60 -1.76 0.00	25.60 -1.70 0.00	25.10 -1.68 0.00	27.45 -1.72 0.00	27.48 -1.73 0.00	26.96 -1.84 0.00	24.97 -1.54 0.00	23.87 -1.46 0.00	25.39 -1.40 0.00	28.88 -1.50 0.00	27.29 -1.37 0.00	26.77 -1.29 0.00	34.74 -1.38 0.00	36.32 -1.47 0.00	42.15 -1.81 0.00	44.10 -1.90 0.00	38.69 -1.78 0.00	40.96 -2.00 0.00	33.57 -1.92 0.00	31.99 -1.94 0.00	30.58 -1.81 0.00
GLEN PARK___ 23778	38.42 1.62 0.00	32.72 1.25 0.00	31.39 1.10 0.00	30.37 1.00 0.00	28.23 0.93 0.00	27.69 0.91 0.00	30.28 1.11 0.00	30.29 1.07 0.00	29.49 0.69 0.00	26.85 0.33 0.00	25.47 0.13 0.00	26.96 0.17 0.00	30.68 0.31 0.00	28.96 0.30 0.00	28.35 0.28 0.00	36.61 0.50 0.00	38.70 0.92 0.00	45.61 1.65 0.00	48.50 2.49 0.00	43.13 2.66 0.00	45.79 2.84 0.00	37.64 2.15 0.00	35.75 1.82 0.00	33.89 1.51 0.00
GLENDALE_27_KV_LOAD 356172	38.75 1.95 0.00	32.99 1.52 0.00	31.51 1.21 0.00	30.46 1.09 0.00	28.38 1.09 0.00	27.89 1.11 0.00	30.36 1.19 0.00	30.55 1.33 0.00	30.16 1.37 0.00	27.95 1.44 0.00	26.87 1.53 0.00	28.51 1.73 0.00	32.32 1.94 0.00	30.59 1.93 0.00	30.28 2.22 0.00	38.94 2.83 0.00	40.62 2.84 0.00	47.01 3.05 0.00	48.86 2.85 0.00	42.84 2.37 0.00	45.45 2.50 0.00	37.77 2.28 0.00	35.96 2.03 0.00	34.35 1.97 0.00
GLENWOOD_IC_1_G5 23712	38.92 2.12 0.00	33.11 1.64 0.00	31.57 1.27 0.00	30.47 1.10 0.00	28.37 1.07 0.00	27.86 1.08 0.00	30.46 1.29 0.00	30.60 1.39 0.00	30.19 1.39 0.00	27.97 1.46 0.00	26.97 1.63 0.00	30.91 1.89 -2.23	35.02 2.16 -2.48	34.34 2.15 -3.53	33.48 2.42 -2.99	39.08 2.97 0.00	40.53 2.74 0.00	46.92 2.96 0.00	48.54 2.53 0.00	42.52 2.06 0.00	45.49 2.54 0.00	37.63 2.14 0.00	35.90 1.97 0.00	34.44 2.06 0.00
GLENWOOD_IC_2_G1 23688	38.83 2.03 0.00	33.02 1.56 0.00	31.50 1.21 0.00	30.41 1.04 0.00	28.31 1.01 0.00	27.80 1.03 0.00	30.39 1.21 0.00	30.53 1.31 0.00	30.11 1.32 0.00	27.89 1.38 0.00	26.88 1.55 0.00	30.00 1.77 -1.44	34.12 2.03 -1.72	34.19 2.03 -3.51	33.33 2.29 -2.97	38.94 2.82 0.00	40.60 2.81 0.00	46.99 3.04 0.00	48.65 2.64 0.00	42.59 2.12 0.00	45.35 2.40 0.00	37.51 2.02 0.00	35.79 1.86 0.00	34.34 1.96 0.00
GLENWOOD_IC_3_G1 23689	38.83 2.03 0.00	33.02 1.56 0.00	31.50 1.21 0.00	30.41 1.04 0.00	28.31 1.01 0.00	27.80 1.03 0.00	30.39 1.21 0.00	30.53 1.31 0.00	30.11 1.32 0.00	27.89 1.38 0.00	26.88 1.55 0.00	30.00 1.77 -1.44	34.12 2.03 -1.72	34.19 2.03 -3.51	33.33 2.29 -2.97	38.94 2.82 0.00	40.60 2.81 0.00	46.99 3.04 0.00	48.65 2.64 0.00	42.59 2.12 0.00	45.35 2.40 0.00	37.51 2.02 0.00	35.79 1.86 0.00	34.34 1.96 0.00
GLENWOOD___4 23550	38.92 2.12 0.00	33.11 1.64 0.00	31.57 1.27 0.00	30.47 1.10 0.00	28.37 1.07 0.00	27.86 1.08 0.00	30.46 1.29 0.00	30.60 1.39 0.00	30.19 1.39 0.00	27.97 1.46 0.00	26.97 1.63 0.00	30.91 1.89 -2.23	35.02 2.16 -2.48	34.34 2.15 -3.53	33.48 2.42 -2.99	39.09 2.97 0.00	40.64 2.85 0.00	47.04 3.08 0.00	48.66 2.65 0.00	42.62 2.15 0.00	45.49 2.54 0.00	37.63 2.14 0.00	35.90 1.97 0.00	34.44 2.06 0.00
GLENWOOD___5 23614	38.92 2.12 0.00	33.11 1.64 0.00	31.57 1.27 0.00	30.47 1.10 0.00	28.37 1.07 0.00	27.86 1.08 0.00	30.46 1.29 0.00	30.60 1.39 0.00	30.19 1.39 0.00	27.97 1.46 0.00	26.97 1.63 0.00	30.91 1.89 -2.23	35.02 2.16 -2.48	34.34 2.15 -3.53	33.48 2.42 -2.99	39.09 2.97 0.00	40.64 2.85 0.00	47.04 3.08 0.00	48.66 2.65 0.00	42.62 2.15 0.00	45.49 2.54 0.00	37.63 2.14 0.00	35.90 1.97 0.00	34.44 2.06 0.00
GLOBAL GREEN_PORT_GT1 23814	39.94 3.14 0.00	33.90 2.43 0.00	32.31 2.01 0.00	31.10 1.73 0.00	28.94 1.65 0.00	28.45 1.67 0.00	31.40 2.23 0.00	31.41 2.19 0.00	30.92 2.12 0.00	28.73 2.22 0.00	27.65 2.31 0.00	30.53 2.63 -1.11	34.86 3.08 -1.40	35.29 3.14 -3.49	34.46 3.44 -2.96	40.39 4.28 0.00	42.47 4.69 0.00	49.11 5.16 0.00	50.16 4.16 0.00	43.95 3.48 0.00	46.60 3.65 0.00	38.03 2.54 0.00	36.31 2.37 0.00	34.77 2.39 0.00
GLOBE___DSASP 323697	34.57 -2.24 0.00	29.54 -1.93 0.00	28.49 -1.80 0.00	27.57 -1.80 0.00	25.51 -1.79 0.00	24.97 -1.80 0.00	27.37 -1.80 0.00	27.41 -1.81 0.00	26.85 -1.95 0.00	25.05 -1.47 0.00	23.99 -1.35 0.00	25.50 -1.28 0.00	29.08 -1.30 0.00	27.28 -1.38 0.00	26.81 -1.25 0.00	34.70 -1.41 0.00	36.05 -1.74 0.00	41.38 -2.58 0.00	43.14 -2.86 0.00	37.96 -2.51 0.00	40.28 -2.68 0.00	32.93 -2.56 0.00	31.71 -2.22 0.00	30.60 -1.79 0.00
GOETHSLN___LBMP 323567	38.39 1.59 0.00	32.72 1.25 0.00	31.24 0.94 0.00	30.23 0.86 0.00	28.17 0.87 0.00	27.68 0.90 0.00	30.13 0.96 0.00	30.31 1.09 0.00	29.87 1.08 0.00	27.66 1.15 0.00	26.61 1.27 0.00	28.23 1.44 0.00	31.98 1.60 0.00	30.26 1.60 0.00	29.95 1.89 0.00	38.28 2.39 0.22	39.94 2.39 0.23	45.74 2.55 0.77	48.34 2.33 0.00	42.36 1.89 0.00	44.92 1.96 0.00	37.36 1.87 0.00	35.62 1.69 0.00	34.03 1.65 0.00
GOLAH___69_KV_TB 1_2 80279	36.30 -0.50 0.00	30.97 -0.50 0.00	29.80 -0.50 0.00	28.85 -0.52 0.00	26.72 -0.57 0.00	26.21 -0.57 0.00	28.67 -0.51 0.00	28.72 -0.49 0.00	28.14 -0.66 0.00	26.05 -0.46 0.00	24.90 -0.43 0.00	26.45 -0.34 0.00	30.15 -0.23 0.00	28.45 -0.21 0.00	27.98 -0.08 0.00	36.26 0.14 0.00	37.85 0.06 0.00	43.87 -0.08 0.00	46.01 0.00 0.00	40.45 -0.02 0.00	42.84 -0.12 0.00	35.05 -0.45 0.00	33.43 -0.50 0.00	31.98 -0.41 0.00

GOODYEAR_LAKE_HYD 323669	37.95 1.15 0.00	32.36 0.90 0.00	31.09 0.79 0.00	30.14 0.77 0.00	28.02 0.72 0.00	27.46 0.69 0.00	29.95 0.78 0.00	29.97 0.75 0.00	29.46 0.66 0.00	27.22 0.71 0.00	26.04 0.71 0.00	27.60 0.81 0.00	31.38 1.00 0.00	29.70 1.05 0.00	29.20 1.14 0.00	37.66 1.55 0.00	39.41 1.62 0.00	45.88 1.92 0.00	48.00 1.99 0.00	42.16 1.70 0.00	44.71 1.76 0.00	36.84 1.35 0.00	35.10 1.17 0.00	33.48 1.09 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.77 -0.03 0.00	31.34 -0.13 0.00	30.15 -0.15 0.00	29.24 -0.13 0.00	27.16 -0.13 0.00	26.63 -0.15 0.00	29.08 -0.09 0.00	29.13 -0.08 0.00	28.57 -0.23 0.00	26.45 -0.07 0.00	25.29 -0.04 0.00	26.85 0.07 0.00	30.48 0.10 0.00	28.84 0.18 0.00	28.38 0.32 0.00	36.72 0.60 0.00	38.26 0.47 0.00	44.59 0.63 0.00	46.48 0.47 0.00	40.94 0.47 0.00	43.38 0.43 0.00	35.66 0.17 0.00	33.98 0.05 0.00	32.46 0.08 0.00
GOUDEY___7 23579	36.77 -0.03 0.00	31.34 -0.13 0.00	30.15 -0.15 0.00	29.24 -0.13 0.00	27.16 -0.13 0.00	26.63 -0.15 0.00	29.08 -0.09 0.00	29.13 -0.08 0.00	28.57 -0.23 0.00	26.45 -0.07 0.00	25.29 -0.04 0.00	26.85 0.07 0.00	30.48 0.10 0.00	28.84 0.18 0.00	28.38 0.32 0.00	36.72 0.60 0.00	38.26 0.47 0.00	44.59 0.63 0.00	46.48 0.47 0.00	40.94 0.47 0.00	43.38 0.43 0.00	35.66 0.17 0.00	33.98 0.05 0.00	32.46 0.08 0.00
GOUDEY___8 23580	36.77 -0.03 0.00	31.34 -0.13 0.00	30.15 -0.15 0.00	29.24 -0.13 0.00	27.16 -0.13 0.00	26.63 -0.15 0.00	29.08 -0.09 0.00	29.13 -0.08 0.00	28.57 -0.23 0.00	26.45 -0.07 0.00	25.29 -0.04 0.00	26.85 0.07 0.00	30.48 0.10 0.00	28.84 0.18 0.00	28.38 0.32 0.00	36.72 0.60 0.00	38.26 0.47 0.00	44.59 0.63 0.00	46.48 0.47 0.00	40.94 0.47 0.00	43.38 0.43 0.00	35.66 0.17 0.00	33.98 0.05 0.00	32.46 -0.08 0.00
GOWANUS_GT1_1 24077	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT1_2 24078	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT1_3 24079	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT1_4 24080	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT1_5 24084	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT1_6 24111	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT1_7 24112	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT1_8 24113	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT2_1 24114	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT2_2 24115	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT2_3 24116	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00

GOWANUS_GT2_4 24117	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT2_5 24118	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT2_6 24119	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT2_7 24120	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT2_8 24121	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT3_1 24122	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT3_2 24123	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT3_3 24124	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT3_4 24125	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT3_5 24126	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT3_6 24127	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT3_7 24128	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT3_8 24129	38.77 <u>1.97</u> 0.00	33.02 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.83 <u>1.50</u> 0.00	28.47 <u>1.68</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.78 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.79 <u>2.29</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT4_1 24130	38.77 <u>1.97</u> 0.00	33.03 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.84 <u>1.50</u> 0.00	28.48 <u>1.69</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.79 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.80 <u>2.30</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00
GOWANUS_GT4_2 24131	38.77 <u>1.97</u> 0.00	33.03 <u>1.56</u> 0.00	31.55 <u>1.25</u> 0.00	30.46 <u>1.09</u> 0.00	28.38 <u>1.08</u> 0.00	27.88 <u>1.09</u> 0.00	30.36 <u>1.19</u> 0.00	30.53 <u>1.32</u> 0.00	30.14 <u>1.35</u> 0.00	27.90 <u>1.39</u> 0.00	26.84 <u>1.50</u> 0.00	28.48 <u>1.69</u> 0.00	32.30 <u>1.92</u> 0.00	30.56 <u>1.90</u> 0.00	30.25 <u>2.19</u> -0.01	38.90 <u>2.78</u> -0.01	40.59 <u>2.80</u> 0.00	46.97 <u>3.01</u> 0.00	48.78 <u>2.77</u> 0.00	42.79 <u>2.32</u> 0.00	45.41 <u>2.46</u> 0.00	37.80 <u>2.30</u> -0.01	35.98 <u>2.05</u> 0.00	34.35 <u>1.97</u> 0.00

GOWANUS_GT4_3 24132	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT4_4 24133	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT4_5 24134	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT4_6 24135	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT4_7 24136	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GOWANUS_GT4_8 24137	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GREENBSH_115KV_TB3 55895	36.94 0.14 0.00	31.70 0.23 0.00	30.68 0.39 0.00	29.74 0.37 0.00	27.65 0.35 0.00	27.21 0.43 0.00	29.59 0.42 0.00	29.71 0.50 0.00	29.10 0.30 0.00	26.55 0.04 0.00	25.46 0.13 0.00	26.78 0.00 0.00	30.25 -0.12 0.00	28.57 -0.09 0.00	28.21 0.15 0.00	36.38 0.26 0.00	38.10 0.31 0.00	44.35 0.40 0.00	46.51 0.50 0.00	40.95 0.48 0.00	43.43 0.47 0.00	36.01 0.52 0.00	34.26 0.32 0.00	32.73 0.35 0.00
GREENIDGE_115KV_TB5 80291	36.64 -0.16 0.00	31.27 -0.20 0.00	30.07 -0.23 0.00	29.13 -0.23 0.00	27.05 -0.25 0.00	26.50 -0.28 0.00	29.02 -0.15 0.00	29.10 -0.12 0.00	28.45 -0.35 0.00	26.30 -0.21 0.00	25.06 -0.27 0.00	26.62 -0.16 0.00	30.27 -0.10 0.00	28.64 -0.02 0.00	28.10 0.04 0.00	36.23 0.11 0.00	37.90 0.12 0.00	44.32 0.36 0.00	46.45 0.44 0.00	40.94 0.47 0.00	43.29 0.34 0.00	35.66 0.17 0.00	33.92 -0.01 0.00	32.40 0.01 0.00
GREENIDGE___3 23582	36.64 -0.16 0.00	31.27 -0.20 0.00	30.07 -0.23 0.00	29.13 -0.23 0.00	27.05 -0.25 0.00	26.50 -0.28 0.00	29.02 -0.15 0.00	29.10 -0.12 0.00	28.45 -0.35 0.00	26.30 -0.21 0.00	25.06 -0.27 0.00	26.62 -0.16 0.00	30.27 -0.10 0.00	28.64 -0.02 0.00	28.10 0.04 0.00	36.23 0.11 0.00	37.90 0.12 0.00	44.32 0.36 0.00	46.45 0.44 0.00	40.94 0.47 0.00	43.29 0.34 0.00	35.66 0.17 0.00	33.92 -0.01 0.00	32.40 0.01 0.00
GREENIDGE___4 23583	36.64 -0.16 0.00	31.27 -0.20 0.00	30.07 -0.23 0.00	29.13 -0.23 0.00	27.05 -0.25 0.00	26.50 -0.28 0.00	29.02 -0.15 0.00	29.09 -0.12 0.00	28.45 -0.34 0.00	26.30 -0.21 0.00	25.06 -0.27 0.00	26.64 -0.15 0.00	30.27 -0.10 0.00	28.64 -0.02 0.00	28.10 0.04 0.00	36.23 0.11 0.00	37.91 0.12 0.00	44.32 0.36 0.00	46.45 0.44 0.00	40.94 0.47 0.00	43.29 0.34 0.00	35.66 0.17 0.00	33.92 -0.01 0.00	32.40 0.01 0.00
GREENLWN_69_KV_BK 3 55738	38.74 1.94 0.00	32.96 1.49 0.00	31.42 1.12 0.00	30.31 0.94 0.00	28.21 0.92 0.00	27.72 0.94 0.00	30.36 1.19 0.00	30.50 1.29 0.00	30.03 1.23 0.00	27.84 1.32 0.00	26.80 1.46 0.00	29.65 1.70 -1.16	33.70 1.87 -1.46	34.00 1.84 -3.49	33.12 2.09 -2.96	38.55 2.44 0.00	40.38 2.59 0.00	46.67 2.71 0.00	48.23 2.23 0.00	42.25 1.78 0.00	44.92 1.96 0.00	37.08 1.60 0.00	35.40 1.48 0.00	34.16 1.77 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
GRISSOM___SOLAR 323813	38.79 1.98 0.00	33.13 1.66 0.00	31.81 1.51 0.00	30.81 1.44 0.00	28.64 1.34 0.00	28.10 1.32 0.00	30.67 1.49 0.00	30.57 1.35 0.00	29.74 0.94 0.00	26.88 0.37 0.00	25.24 -0.10 0.00	26.65 -0.14 0.00	30.30 -0.08 0.00	28.69 0.04 0.00	28.27 0.21 0.00	36.50 0.38 0.00	38.46 0.67 0.00	45.49 1.54 0.00	48.84 2.83 0.00	43.21 2.74 0.00	45.83 2.87 0.00	37.78 2.29 0.00	35.95 2.02 0.00	34.27 1.88 0.00
GROVEVILLE___HYD 323602	38.39 1.59 0.00	32.70 1.23 0.00	31.30 1.01 0.00	30.27 0.90 0.00	28.18 0.88 0.00	27.69 0.91 0.00	30.15 0.98 0.00	30.31 1.10 0.00	29.86 1.06 0.00	27.57 1.06 0.00	26.50 1.16 0.00	28.07 1.28 0.00	31.83 1.45 0.00	30.16 1.50 0.00	29.84 1.78 0.00	38.49 2.37 0.00	40.28 2.49 0.00	46.80 2.84 0.00	48.74 2.73 0.00	42.73 2.27 0.00	45.24 2.29 0.00	37.48 1.99 0.00	35.65 1.72 0.00	34.04 1.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.83 0.03 0.00	31.47 0.00 0.00	30.30 0.00 0.00	29.38 0.01 0.00	27.27 -0.03 0.00	26.75 -0.03 0.00	29.17 0.00 0.00	29.18 -0.03 0.00	28.67 -0.13 0.00	26.39 -0.12 0.00	25.15 -0.19 0.00	26.65 -0.14 0.00	30.26 -0.11 0.00	28.63 -0.03 0.00	28.13 0.07 0.00	36.31 0.20 0.00	38.02 0.23 0.00	44.28 0.33 0.00	46.35 0.34 0.00	40.72 0.25 0.00	43.14 0.19 0.00	35.54 0.05 0.00	33.88 -0.05 0.00	32.36 -0.03 0.00

HAMLTNNY_34_KV_TB 80303	36.79 -0.01 0.00	31.41 -0.05 0.00	30.27 -0.03 0.00	29.36 -0.01 0.00	27.23 -0.07 0.00	26.73 -0.05 0.00	29.15 -0.02 0.00	29.17 -0.04 0.00	28.65 -0.15 0.00	26.38 -0.13 0.00	25.11 -0.22 0.00	26.64 -0.15 0.00	30.22 -0.15 0.00	28.61 -0.05 0.00	28.09 0.03 0.00	36.33 0.21 0.00	38.04 0.25 0.00	44.31 0.35 0.00	46.39 0.38 0.00	40.72 0.25 0.00	43.17 0.21 0.00	35.52 0.03 0.00	33.86 -0.07 0.00	32.35 -0.03 0.00
HAMPSHIRE___PAPER_HYD 323593	37.48 0.67 0.00	31.96 0.50 0.00	30.69 0.39 0.00	29.66 0.29 0.00	27.57 0.28 0.00	27.05 0.27 0.00	29.52 0.35 0.00	29.55 0.33 0.00	29.00 0.20 0.00	26.59 0.08 0.00	25.34 0.00 0.00	26.76 -0.03 0.00	30.44 0.06 0.00	28.68 0.02 0.00	27.92 -0.15 0.00	35.93 -0.19 0.00	37.74 -0.05 0.00	44.23 0.28 0.00	46.72 0.71 0.00	41.35 0.88 0.00	44.01 1.05 0.00	36.26 0.77 0.00	34.67 0.74 0.00	32.87 0.49 0.00
HARDSCRABBLE_WT_PWR 323673	37.19 0.39 0.00	31.75 0.28 0.00	30.57 0.27 0.00	29.62 0.25 0.00	27.56 0.27 0.00	27.08 0.30 0.00	29.52 0.35 0.00	29.56 0.34 0.00	29.00 0.20 0.00	26.71 0.20 0.00	25.55 0.21 0.00	27.04 0.25 0.00	30.65 0.27 0.00	28.95 0.29 0.00	28.42 0.36 0.00	36.62 0.51 0.00	38.36 0.57 0.00	44.69 0.73 0.00	46.79 0.78 0.00	41.13 0.66 0.00	43.48 0.53 0.00	35.89 0.40 0.00	34.41 0.48 0.00	32.85 0.47 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.11 1.31 0.00	32.45 0.98 0.00	31.04 0.74 0.00	30.02 0.65 0.00	27.95 0.65 0.00	27.46 0.68 0.00	29.90 0.73 0.00	30.06 0.84 0.00	29.61 0.81 0.00	27.38 0.87 0.00	26.31 0.97 0.00	27.91 1.12 0.00	31.63 1.26 0.00	29.96 1.30 0.00	29.63 1.57 0.00	38.19 2.08 0.00	39.98 2.19 0.00	46.42 2.47 0.00	48.32 2.31 0.00	42.31 1.85 0.00	44.80 1.85 0.00	37.12 1.63 0.00	35.34 1.41 0.00	33.75 1.37 0.00
HARSNRAD_115KV_TB1 81005	35.35 -1.46 0.00	30.16 -1.31 0.00	29.06 -1.24 0.00	28.12 -1.25 0.00	26.02 -1.27 0.00	25.47 -1.31 0.00	27.94 -1.23 0.00	27.98 -1.23 0.00	27.40 -1.40 0.00	25.55 -0.96 0.00	24.46 -0.87 0.00	25.95 -0.83 0.00	29.63 -0.75 0.00	27.80 -0.86 0.00	27.42 -0.63 0.00	35.43 -0.68 0.00	36.83 -0.95 0.00	42.38 -1.58 0.00	44.23 -1.78 0.00	38.92 -1.55 0.00	41.26 -1.69 0.00	33.72 -1.77 0.00	32.29 -1.65 0.00	31.05 -1.33 0.00
HARZA MOOSE___RIVER 24016	37.89 1.08 0.00	32.31 0.84 0.00	31.04 0.74 0.00	30.07 0.70 0.00	27.94 0.64 0.00	27.42 0.64 0.00	29.92 0.75 0.00	29.96 0.74 0.00	29.32 0.52 0.00	26.85 0.34 0.00	25.60 0.26 0.00	27.06 0.27 0.00	30.73 0.35 0.00	29.04 0.38 0.00	28.47 0.41 0.00	36.74 0.62 0.00	38.61 0.82 0.00	45.17 1.22 0.00	47.64 1.63 0.00	42.10 1.63 0.00	44.68 1.72 0.00	36.80 1.31 0.00	35.07 1.14 0.00	33.34 0.95 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.58 -0.22 0.00	31.30 -0.17 0.00	30.11 -0.19 0.00	29.20 -0.17 0.00	27.12 -0.17 0.00	26.59 -0.19 0.00	28.99 -0.19 0.00	28.99 -0.22 0.00	28.49 -0.31 0.00	26.23 -0.28 0.00	25.02 -0.31 0.00	26.50 -0.29 0.00	30.10 -0.28 0.00	28.46 -0.20 0.00	27.97 -0.09 0.00	36.08 -0.04 0.00	37.74 -0.04 0.00	43.94 -0.02 0.00	45.98 -0.03 0.00	40.43 -0.04 0.00	42.83 -0.13 0.00	35.31 -0.18 0.00	33.67 -0.26 0.00	32.16 -0.23 0.00
HELLGATE_13_KV_LD 55870	38.56 1.76 0.00	32.84 1.37 0.00	31.37 1.07 0.00	30.34 0.97 0.00	28.28 0.98 0.00	27.78 1.00 0.00	30.24 1.07 0.00	30.42 1.20 0.00	30.04 1.24 0.00	27.81 1.30 0.00	26.73 1.40 0.00	28.36 1.57 0.00	32.14 1.76 0.00	30.41 1.75 0.00	30.11 2.05 0.00	38.69 2.58 0.00	40.38 2.59 0.00	46.73 2.78 0.00	48.58 2.57 0.00	42.59 2.13 0.00	45.20 2.24 0.00	37.57 2.08 0.00	35.76 1.83 0.00	34.18 1.79 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.56 1.76 0.00	32.84 1.37 0.00	31.37 1.07 0.00	30.34 0.97 0.00	28.28 0.98 0.00	27.78 1.00 0.00	30.24 1.07 0.00	30.42 1.20 0.00	30.04 1.24 0.00	27.81 1.30 0.00	26.73 1.40 0.00	28.36 1.57 0.00	32.14 1.76 0.00	30.41 1.75 0.00	30.11 2.05 0.00	38.69 2.58 0.00	40.38 2.59 0.00	46.73 2.78 0.00	48.58 2.57 0.00	42.59 2.13 0.00	45.20 2.24 0.00	37.57 2.08 0.00	35.76 1.83 0.00	34.18 1.79 0.00
HEMPSTEAD____ 23647	38.76 1.96 0.00	32.97 1.50 0.00	31.44 1.14 0.00	30.34 0.98 0.00	28.24 0.95 0.00	27.74 0.96 0.00	30.34 1.17 0.00	30.48 1.27 0.00	30.07 1.28 0.00	27.85 1.33 0.00	26.84 1.51 0.00	30.98 1.74 -2.45	35.07 1.99 -2.70	34.19 1.99 -3.54	33.31 2.25 -3.00	38.85 2.73 0.00	40.52 2.74 0.00	46.89 2.93 0.00	48.50 2.49 0.00	42.47 2.00 0.00	45.23 2.28 0.00	37.41 1.92 0.00	35.70 1.77 0.00	34.27 1.89 0.00
HEWLETT__69_KV_BK3 55828	39.15 2.35 0.00	33.29 1.83 0.00	31.76 1.46 0.00	30.64 1.28 0.00	28.52 1.22 0.00	28.00 1.22 0.00	30.59 1.42 0.00	30.71 1.49 0.00	30.30 1.50 0.00	28.08 1.57 0.00	27.11 1.77 -0.01	34.92 1.98 -6.15	38.87 2.25 -6.25	34.61 2.27 -3.68	33.70 2.55 -3.09	39.23 3.12 0.00	40.93 3.14 0.00	47.39 3.43 0.00	49.05 3.04 0.00	42.95 2.48 0.00	45.63 2.68 0.00	37.77 2.28 0.00	36.11 2.18 0.00	34.66 2.27 -0.01
HICKLING___1 23621	36.51 -0.29 0.00	31.06 -0.41 0.00	29.85 -0.45 0.00	28.97 -0.39 0.00	26.90 -0.40 0.00	26.34 -0.44 0.00	28.84 -0.33 0.00	28.93 -0.28 0.00	28.29 -0.51 0.00	26.31 -0.20 0.00	25.18 -0.15 0.00	26.81 0.02 0.00	30.47 0.09 0.00	28.85 0.19 0.00	28.38 0.32 0.00	36.85 0.73 0.00	38.33 0.55 0.00	44.72 0.76 0.00	46.49 0.48 0.00	41.02 0.55 0.00	43.39 0.44 0.00	35.45 -0.04 0.00	33.75 -0.18 0.00	32.26 -0.12 0.00
HICKLING___2 23622	36.51 -0.29 0.00	31.06 -0.41 0.00	29.85 -0.45 0.00	28.97 -0.39 0.00	26.90 -0.40 0.00	26.34 -0.44 0.00	28.84 -0.33 0.00	28.93 -0.28 0.00	28.29 -0.51 0.00	26.31 -0.20 0.00	25.18 -0.15 0.00	26.81 0.02 0.00	30.47 0.09 0.00	28.85 0.19 0.00	28.38 0.32 0.00	36.85 0.73 0.00	38.33 0.55 0.00	44.72 0.76 0.00	46.49 0.48 0.00	41.02 0.55 0.00	43.39 0.44 0.00	35.45 -0.04 0.00	33.75 -0.18 0.00	32.26 -0.12 0.00
HIGH FALLS___HY 23754	38.12 1.32 0.00	32.41 0.95 0.00	30.94 0.64 0.00	29.91 0.54 0.00	27.86 0.56 0.00	27.34 0.56 0.00	29.78 0.61 0.00	29.93 0.72 0.00	29.54 0.75 0.00	27.36 0.85 0.00	26.27 0.93 0.00	27.85 1.07 0.00	31.58 1.20 0.00	29.93 1.27 0.00	29.61 1.54 0.00	38.19 2.07 0.00	39.99 2.20 0.00	46.49 2.54 0.00	48.40 2.39 0.00	42.42 1.95 0.00	44.92 1.97 0.00	37.21 1.72 0.00	35.41 1.48 0.00	33.79 1.41 0.00
HIGH_RIVER___SOLAR 323847	38.08 1.28 0.00	32.55 1.08 0.00	31.29 1.00 0.00	30.32 0.95 0.00	28.18 0.89 0.00	27.67 0.89 0.00	30.16 0.98 0.00	30.15 0.93 0.00	29.35 0.55 0.00	26.68 0.16 0.00	25.31 -0.02 0.00	26.71 -0.08 0.00	30.30 -0.08 0.00	28.65 -0.01 0.00	28.23 0.17 0.00	36.42 0.30 0.00	38.41 0.62 0.00	45.17 1.21 0.00	47.98 1.97 0.00	42.30 1.84 0.00	44.83 1.88 0.00	37.05 1.55 0.00	35.28 1.35 0.00	33.66 1.27 0.00

HILLBURN___GT 23639	38.00 1.20 0.00	32.36 0.89 0.00	30.92 0.63 0.00	29.90 0.53 0.00	27.85 0.55 0.00	27.37 0.59 0.00	29.79 0.62 0.00	29.96 0.75 0.00	29.53 0.73 0.00	27.32 0.80 0.00	26.27 0.94 0.00	27.86 1.07 0.00	31.57 1.19 0.00	29.87 1.21 0.00	29.55 1.49 0.00	38.05 1.94 0.00	39.79 2.00 0.00	46.18 2.22 0.00	48.03 2.02 0.00	42.07 1.60 0.00	44.56 1.60 0.00	36.96 1.47 0.00	35.21 1.28 0.00	33.66 1.27 0.00
HILLSIDE_115KV_TB1 80332	36.02 -0.78 0.00	30.63 -0.84 0.00	29.45 -0.84 0.00	28.59 -0.77 0.00	26.57 -0.72 0.00	26.02 -0.76 0.00	28.47 -0.71 0.00	28.55 -0.67 0.00	27.92 -0.88 0.00	25.98 -0.53 0.00	24.89 -0.44 0.00	26.53 -0.26 0.00	30.11 -0.27 0.00	28.52 -0.14 0.00	28.05 -0.02 0.00	36.42 0.30 0.00	37.80 0.01 0.00	44.11 0.15 0.00	45.76 -0.25 0.00	40.38 -0.09 0.00	42.78 -0.17 0.00	35.00 -0.49 0.00	33.33 -0.60 0.00	31.86 -0.53 0.00
HISHELDN_WT_PWR 323625	35.74 -1.06 0.00	30.48 -0.99 0.00	29.37 -0.93 0.00	28.43 -0.93 0.00	26.31 -0.99 0.00	25.77 -1.01 0.00	28.28 -0.89 0.00	28.36 -0.85 0.00	27.77 -1.03 0.00	25.92 -0.59 0.00	24.84 -0.49 0.00	26.45 -0.34 0.00	30.10 -0.28 0.00	28.34 -0.32 0.00	27.90 -0.17 0.00	36.15 0.03 0.00	37.56 -0.22 0.00	43.36 -0.60 0.00	45.15 -0.86 0.00	39.77 -0.69 0.00	42.10 -0.85 0.00	34.34 -1.15 0.00	32.81 -1.11 0.00	31.48 -0.91 0.00
HOLTSVILLE_IC_1 23690	38.85 2.05 0.00	33.02 1.56 0.00	31.47 1.17 0.00	30.31 0.94 0.00	28.23 0.94 0.00	27.74 0.96 0.00	30.49 1.32 0.00	30.57 1.35 0.00	30.06 1.26 0.00	27.86 1.35 0.00	26.77 1.44 -1.10	29.55 1.66 -1.40	33.67 1.89 -3.49	34.09 1.94 -2.96	33.25 2.22 0.00	38.72 2.61 0.00	40.62 2.84 0.00	46.93 2.98 0.00	48.38 2.37 0.00	42.41 1.94 0.00	45.12 2.17 0.00	37.13 1.64 0.00	35.45 1.53 0.00	34.13 1.75 0.00
HOLTSVILLE_IC_10 23699	38.99 2.19 0.00	33.13 1.66 0.00	31.56 1.27 0.00	30.40 1.03 0.00	28.31 1.02 0.00	27.82 1.04 0.00	30.59 1.42 0.00	30.67 1.45 0.00	30.17 1.37 0.00	27.96 1.45 0.00	26.88 1.54 -1.12	29.71 1.79 -1.42	33.86 2.06 -3.49	34.28 2.13 -2.96	33.45 2.43 0.00	39.00 2.89 0.00	40.92 3.14 0.00	47.29 3.33 0.00	48.71 2.70 0.00	42.72 2.25 0.00	45.42 2.47 0.00	37.35 1.86 0.00	35.63 1.70 0.00	34.29 1.90 0.00
HOLTSVILLE_IC_2 23691	38.85 2.05 0.00	33.02 1.56 0.00	31.47 1.17 0.00	30.31 0.94 0.00	28.23 0.94 0.00	27.74 0.96 0.00	30.49 1.32 0.00	30.57 1.35 0.00	30.06 1.26 0.00	27.86 1.35 0.00	26.77 1.44 -1.10	29.55 1.66 -1.40	33.67 1.89 -3.49	34.09 1.94 -2.96	33.25 2.22 0.00	38.72 2.61 0.00	40.62 2.84 0.00	46.93 2.98 0.00	48.38 2.37 0.00	42.41 1.94 0.00	45.12 2.17 0.00	37.13 1.64 0.00	35.45 1.53 0.00	34.13 1.75 0.00
HOLTSVILLE_IC_3 23692	38.85 2.05 0.00	33.02 1.56 0.00	31.47 1.17 0.00	30.31 0.94 0.00	28.23 0.94 0.00	27.74 0.96 0.00	30.49 1.32 0.00	30.57 1.35 0.00	30.06 1.26 0.00	27.86 1.35 0.00	26.77 1.44 -1.10	29.55 1.66 -1.40	33.67 1.89 -3.49	34.09 1.94 -2.96	33.25 2.22 0.00	38.72 2.61 0.00	40.62 2.84 0.00	46.93 2.98 0.00	48.38 2.37 0.00	42.41 1.94 0.00	45.12 2.17 0.00	37.13 1.64 0.00	35.45 1.53 0.00	34.13 1.75 0.00
HOLTSVILLE_IC_4 23693	38.85 2.05 0.00	33.02 1.56 0.00	31.47 1.17 0.00	30.31 0.94 0.00	28.23 0.94 0.00	27.74 0.96 0.00	30.49 1.32 0.00	30.57 1.35 0.00	30.06 1.26 0.00	27.86 1.35 0.00	26.77 1.44 -1.10	29.55 1.66 -1.40	33.67 1.89 -3.49	34.09 1.94 -2.96	33.25 2.22 0.00	38.72 2.61 0.00	40.62 2.84 0.00	46.93 2.98 0.00	48.38 2.37 0.00	42.41 1.94 0.00	45.12 2.17 0.00	37.13 1.64 0.00	35.45 1.53 0.00	34.13 1.75 0.00
HOLTSVILLE_IC_5 23694	38.85 2.05 0.00	33.02 1.56 0.00	31.47 1.17 0.00	30.31 0.94 0.00	28.23 0.94 0.00	27.74 0.96 0.00	30.49 1.32 0.00	30.57 1.35 0.00	30.06 1.26 0.00	27.86 1.35 0.00	26.77 1.44 -1.10	29.55 1.66 -1.40	33.67 1.89 -3.49	34.09 1.94 -2.96	33.25 2.22 0.00	38.72 2.61 0.00	40.62 2.84 0.00	46.93 2.98 0.00	48.38 2.37 0.00	42.41 1.94 0.00	45.12 2.17 0.00	37.13 1.64 0.00	35.45 1.53 0.00	34.13 1.75 0.00
HOLTSVILLE_IC_6 23695	38.99 2.19 0.00	33.13 1.66 0.00	31.56 1.27 0.00	30.40 1.03 0.00	28.31 1.02 0.00	27.82 1.04 0.00	30.59 1.42 0.00	30.67 1.45 0.00	30.17 1.37 0.00	27.96 1.45 0.00	26.88 1.54 -1.12	29.71 1.79 -1.42	33.86 2.06 -3.49	34.28 2.13 -2.96	33.45 2.43 0.00	39.00 2.89 0.00	40.92 3.14 0.00	47.29 3.33 0.00	48.71 2.70 0.00	42.72 2.25 0.00	45.42 2.47 0.00	37.35 1.86 0.00	35.63 1.70 0.00	34.29 1.90 0.00
HOLTSVILLE_IC_7 23696	38.99 2.19 0.00	33.13 1.66 0.00	31.56 1.27 0.00	30.40 1.03 0.00	28.31 1.02 0.00	27.82 1.04 0.00	30.59 1.42 0.00	30.67 1.45 0.00	30.17 1.37 0.00	27.96 1.45 0.00	26.88 1.54 -1.12	29.71 1.79 -1.42	33.86 2.06 -3.49	34.28 2.13 -2.96	33.45 2.43 0.00	39.00 2.89 0.00	40.92 3.14 0.00	47.29 3.33 0.00	48.71 2.70 0.00	42.72 2.25 0.00	45.42 2.47 0.00	37.35 1.86 0.00	35.63 1.70 0.00	34.29 1.90 0.00
HOLTSVILLE_IC_8 23697	38.99 2.19 0.00	33.13 1.66 0.00	31.56 1.27 0.00	30.40 1.03 0.00	28.31 1.02 0.00	27.82 1.04 0.00	30.59 1.42 0.00	30.67 1.45 0.00	30.17 1.37 0.00	27.96 1.45 0.00	26.88 1.54 -1.12	29.71 1.79 -1.42	33.86 2.06 -3.49	34.28 2.13 -2.96	33.45 2.43 0.00	39.00 2.89 0.00	40.92 3.14 0.00	47.29 3.33 0.00	48.71 2.70 0.00	42.72 2.25 0.00	45.42 2.47 0.00	37.35 1.86 0.00	35.63 1.70 0.00	34.29 1.90 0.00
HOLTSVILLE_IC_9 23698	38.99 2.19 0.00	33.13 1.66 0.00	31.56 1.27 0.00	30.40 1.03 0.00	28.31 1.02 0.00	27.82 1.04 0.00	30.59 1.42 0.00	30.67 1.45 0.00	30.17 1.37 0.00	27.96 1.45 0.00	26.88 1.54 -1.12	29.71 1.79 -1.42	33.86 2.06 -3.49	34.28 2.13 -2.96	33.45 2.43 0.00	39.00 2.89 0.00	40.92 3.14 0.00	47.29 3.33 0.00	48.71 2.70 0.00	42.72 2.25 0.00	45.42 2.47 0.00	37.35 1.86 0.00	35.63 1.70 0.00	34.29 1.90 0.00
HOMER_HL_115KV_TB2 355744	36.62 -0.18 0.00	31.10 -0.37 0.00	29.84 -0.46 0.00	28.96 -0.41 0.00	26.84 -0.45 0.00	26.42 -0.36 0.00	28.90 -0.27 0.00	29.04 -0.17 0.00	28.44 -0.36 0.00	26.64 0.12 0.00	25.49 0.16 0.00	27.18 0.39 0.00	30.77 0.39 0.00	28.99 0.33 0.00	28.61 0.55 0.00	37.10 0.99 0.00	38.43 0.64 0.00	44.50 0.54 0.00	46.38 0.37 0.00	40.81 0.34 0.00	43.22 0.27 0.00	35.29 -0.20 0.00	33.71 -0.22 0.00	32.34 -0.04 0.00
HOWARD_WT_PWR 323690	37.77 0.97 0.00	32.09 0.62 0.00	30.75 0.45 0.00	29.79 0.42 0.00	27.71 0.42 0.00	27.12 0.34 0.00	29.80 0.63 0.00	29.90 0.69 0.00	29.05 0.25 0.00	27.03 0.52 0.00	25.73 0.40 0.00	27.46 0.67 0.00	31.15 0.78 0.00	29.46 0.79 0.00	28.95 0.89 0.00	37.59 1.47 0.00	39.24 1.45 0.00	45.79 1.83 0.00	48.20 2.19 0.00	42.60 2.13 0.00	44.48 1.52 0.00	36.10 0.61 0.00	34.29 0.36 0.00	33.10 0.72 0.00

HQ_GEN_CEDARS 23644	37.00 0.20 0.00	31.61 0.14 0.00	30.40 0.10 0.00	29.42 0.05 0.00	27.34 0.05 0.00	26.80 0.03 0.00	29.22 0.04 0.00	29.25 0.04 0.00	28.94 0.14 0.00	26.70 0.19 0.00	25.50 0.16 0.00	26.92 0.13 0.00	30.62 0.24 0.00	28.77 0.11 0.00	27.85 -0.21 0.00	35.73 -0.39 0.00	37.38 -0.41 0.00	43.60 -0.35 0.00	45.75 -0.25 0.00	40.34 -0.13 0.00	43.03 0.08 0.00	35.47 -0.01 0.00	34.11 0.18 0.00	32.34 -0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	37.00 0.20 0.00	31.61 0.14 0.00	30.40 0.10 0.00	29.42 0.05 0.00	27.34 0.05 0.00	26.80 0.03 0.00	29.22 0.04 0.00	29.25 0.04 0.00	28.94 0.14 0.00	26.70 0.19 0.00	25.50 0.16 0.00	26.92 0.13 0.00	30.62 0.24 0.00	28.77 0.11 0.00	27.85 -0.21 0.00	35.73 -0.38 0.00	37.38 -0.41 0.00	43.60 -0.35 0.00	45.76 -0.25 0.00	40.34 -0.13 0.00	43.03 0.08 0.00	35.47 -0.01 0.00	34.11 0.18 0.00	32.34 -0.04 0.00
HQ_GEN_IMPORT 323601	36.78 -0.02 0.00	31.45 -0.02 0.00	30.30 0.00 0.00	29.35 -0.01 0.00	27.28 -0.02 0.00	26.75 -0.03 0.00	29.15 -0.02 0.00	29.19 -0.02 0.00	28.91 0.11 0.00	26.64 0.13 0.00	25.46 0.12 0.00	26.91 0.11 0.00	30.53 0.16 0.00	28.75 0.09 0.00	27.93 -0.13 0.00	35.85 -0.26 0.00	37.51 -0.27 0.00	43.66 -0.30 0.00	45.71 -0.30 0.00	40.22 -0.25 0.00	42.62 -0.18 0.15	35.31 -0.18 0.00	33.90 -0.03 0.00	32.29 -0.10 0.00
HQ_GEN_WHEEL 23651	36.78 -0.02 0.00	31.45 -0.02 0.00	30.30 0.00 0.00	29.35 -0.01 0.00	27.28 -0.02 0.00	26.75 -0.03 0.00	29.15 -0.02 0.00	29.19 -0.02 0.00	28.91 0.11 0.00	26.64 0.13 0.00	25.46 0.12 0.00	26.91 0.11 0.00	30.53 0.16 0.00	28.75 0.09 0.00	27.93 -0.13 0.00	35.85 -0.26 0.00	37.51 -0.27 0.00	43.66 -0.30 0.00	45.71 -0.30 0.00	40.22 -0.25 0.00	42.62 -0.18 0.15	35.31 -0.18 0.00	33.90 -0.03 0.00	32.29 -0.10 0.00
HUDSON AVE_GT_3 23810	38.59 1.79 0.00	32.87 1.40 0.00	31.40 1.10 0.00	30.35 0.98 0.00	28.28 0.99 0.00	27.79 1.01 0.00	30.26 1.08 0.00	30.44 1.23 0.00	30.02 1.22 0.00	27.82 1.30 0.00	26.76 1.42 0.00	28.38 1.59 0.00	32.16 1.79 0.00	30.44 1.79 0.00	30.14 2.08 0.00	38.76 2.64 0.00	40.45 2.66 0.00	46.84 2.89 0.00	48.70 2.69 0.00	42.69 2.22 0.00	45.26 2.30 0.00	37.59 2.10 0.00	35.82 1.89 0.00	34.22 1.83 0.00
HUDSON AVE_GT_4 23540	38.59 1.79 0.00	32.87 1.40 0.00	31.40 1.10 0.00	30.35 0.98 0.00	28.28 0.99 0.00	27.79 1.01 0.00	30.26 1.08 0.00	30.44 1.23 0.00	30.02 1.22 0.00	27.82 1.30 0.00	26.76 1.42 0.00	28.38 1.59 0.00	32.16 1.79 0.00	30.44 1.79 0.00	30.14 2.08 0.00	38.76 2.64 0.00	40.45 2.66 0.00	46.84 2.89 0.00	48.70 2.69 0.00	42.69 2.22 0.00	45.26 2.30 0.00	37.59 2.10 0.00	35.82 1.89 0.00	34.22 1.83 0.00
HUDSON AVE_GT_5 23657	38.59 1.79 0.00	32.87 1.40 0.00	31.40 1.10 0.00	30.35 0.98 0.00	28.28 0.99 0.00	27.79 1.01 0.00	30.26 1.08 0.00	30.44 1.23 0.00	30.02 1.22 0.00	27.82 1.30 0.00	26.76 1.42 0.00	28.38 1.59 0.00	32.16 1.79 0.00	30.44 1.79 0.00	30.14 2.08 0.00	38.76 2.64 0.00	40.45 2.66 0.00	46.84 2.89 0.00	48.70 2.69 0.00	42.69 2.22 0.00	45.26 2.30 0.00	37.59 2.10 0.00	35.82 1.89 0.00	34.22 1.83 0.00
HUDSON_AVE_10 24168	38.44 1.64 0.00	32.74 1.27 0.00	31.26 0.96 0.00	30.23 0.86 0.00	28.18 0.88 0.00	27.69 0.91 0.00	30.12 0.95 0.00	30.32 1.10 0.00	29.90 1.10 0.00	27.71 1.20 0.00	26.65 1.31 0.00	28.26 1.48 0.00	32.02 1.64 0.00	30.31 1.65 0.00	30.01 1.95 0.00	38.59 2.48 0.00	40.27 2.48 0.00	46.65 2.69 0.00	48.52 2.51 0.00	42.53 2.06 0.00	45.09 2.14 0.00	37.45 1.96 0.00	35.68 1.75 0.00	34.07 1.69 0.00
HUDSON___115KV_TB 4 355613	37.76 0.96 0.00	32.36 0.89 0.00	31.33 1.03 0.00	30.38 1.01 0.00	28.23 0.94 0.00	27.78 1.00 0.00	30.24 1.07 0.00	30.35 1.13 0.00	29.63 0.83 0.00	26.92 0.41 0.00	25.75 0.41 0.00	27.05 0.26 0.00	30.55 0.17 0.00	28.84 0.18 0.00	28.51 0.44 0.00	36.80 0.69 0.00	38.67 0.89 0.00	45.40 1.44 0.00	47.83 1.82 0.00	42.24 1.77 0.00	44.74 1.79 0.00	36.99 1.50 0.00	35.12 1.19 0.00	33.50 1.11 0.00
HUNTER MOUNT___DRP 323613	37.97 1.17 0.00	32.56 1.09 0.00	31.56 1.26 0.00	30.61 1.25 0.00	28.45 1.15 0.00	27.99 1.21 0.00	30.48 1.31 0.00	30.59 1.38 0.00	29.83 1.03 0.00	27.00 0.49 0.00	25.80 0.47 0.00	27.08 0.29 0.00	30.59 0.21 0.00	28.88 0.22 0.00	28.55 0.49 0.00	36.89 0.78 0.00	38.82 1.03 0.00	45.64 1.69 0.00	48.25 2.24 0.00	42.63 2.16 0.00	45.12 2.17 0.00	37.27 1.78 0.00	35.34 1.41 0.00	33.69 1.31 0.00
HUNTINGTON_RES_REC 323705	38.84 2.04 0.00	33.02 1.55 0.00	31.46 1.16 0.00	30.32 0.96 0.00	28.23 0.94 0.00	27.74 0.96 0.00	30.44 1.27 0.00	30.57 1.35 0.00	30.09 1.29 0.00	27.89 1.38 0.00	26.83 1.49 0.00	29.65 1.73 -1.12	33.75 1.95 -1.42	34.13 1.98 -3.49	33.28 2.25 -2.96	38.79 2.68 0.00	40.69 2.91 0.00	46.99 3.03 0.00	48.48 2.47 0.00	42.52 2.05 0.00	45.18 2.23 0.00	37.22 1.73 0.00	35.50 1.57 0.00	34.21 1.83 0.00
HUNTLEY___63 23557	35.65 -1.15 0.00	30.40 -1.07 0.00	29.28 -1.02 0.00	28.33 -1.04 0.00	26.21 -1.08 0.00	25.67 -1.11 0.00	28.13 -1.04 0.00	28.20 -1.01 0.00	27.62 -1.18 0.00	25.78 -0.73 0.00	24.71 -0.62 0.00	26.27 -0.52 0.00	29.98 -0.39 0.00	28.16 -0.50 0.00	27.75 -0.32 0.00	35.92 -0.20 0.00	37.36 -0.43 0.00	42.99 -0.96 0.00	44.77 -1.24 0.00	39.37 -1.10 0.00	41.73 -1.22 0.00	34.09 -1.40 0.00	32.67 -1.26 0.00	31.43 -0.96 0.00
HUNTLEY___64 23558	35.65 -1.15 0.00	30.40 -1.07 0.00	29.28 -1.02 0.00	28.33 -1.04 0.00	26.21 -1.08 0.00	25.67 -1.11 0.00	28.13 -1.04 0.00	28.20 -1.01 0.00	27.62 -1.18 0.00	25.78 -0.73 0.00	24.71 -0.62 0.00	26.27 -0.52 0.00	29.98 -0.39 0.00	28.16 -0.50 0.00	27.75 -0.32 0.00	35.92 -0.20 0.00	37.36 -0.43 0.00	42.99 -0.96 0.00	44.77 -1.24 0.00	39.37 -1.10 0.00	41.73 -1.22 0.00	34.09 -1.40 0.00	32.67 -1.26 0.00	31.43 -0.96 0.00
HUNTLEY___65 23559	35.65 -1.15 0.00	30.40 -1.07 0.00	29.28 -1.02 0.00	28.33 -1.04 0.00	26.21 -1.08 0.00	25.67 -1.11 0.00	28.13 -1.04 0.00	28.20 -1.01 0.00	27.62 -1.18 0.00	25.78 -0.73 0.00	24.71 -0.62 0.00	26.27 -0.52 0.00	29.98 -0.39 0.00	28.16 -0.50 0.00	27.75 -0.32 0.00	35.92 -0.20 0.00	37.36 -0.43 0.00	42.99 -0.96 0.00	44.77 -1.24 0.00	39.37 -1.10 0.00	41.73 -1.22 0.00	34.09 -1.40 0.00	32.67 -1.26 0.00	31.43 -0.96 0.00
HUNTLEY___66 23560	35.65 -1.15 0.00	30.40 -1.07 0.00	29.28 -1.02 0.00	28.33 -1.04 0.00	26.21 -1.08 0.00	25.67 -1.11 0.00	28.13 -1.04 0.00	28.20 -1.01 0.00	27.62 -1.18 0.00	25.78 -0.73 0.00	24.71 -0.62 0.00	26.27 -0.52 0.00	29.98 -0.39 0.00	28.16 -0.50 0.00	27.75 -0.32 0.00	35.92 -0.20 0.00	37.36 -0.43 0.00	42.99 -0.96 0.00	44.77 -1.24 0.00	39.37 -1.10 0.00	41.73 -1.22 0.00	34.09 -1.40 0.00	32.67 -1.26 0.00	31.43 -0.96 0.00

HUNTLEY___67 23561	35.37 -1.43 0.00	30.18 -1.29 0.00	29.08 -1.22 0.00	28.14 -1.23 0.00	26.04 -1.25 0.00	25.50 -1.28 0.00	27.95 -1.22 0.00	28.01 -1.20 0.00	27.45 -1.35 0.00	25.63 -0.88 0.00	24.57 -0.76 0.00	26.11 -0.67 0.00	29.78 -0.60 0.00	27.98 -0.68 0.00	27.52 -0.54 0.00	35.66 -0.45 0.00	37.04 -0.74 0.00	42.63 -1.33 0.00	44.43 -1.58 0.00	39.07 -1.39 0.00	41.45 -1.51 0.00	33.85 -1.64 0.00	32.40 -1.53 0.00	31.15 -1.23 0.00
HUNTLEY___68 23562	35.37 -1.43 0.00	30.18 -1.29 0.00	29.08 -1.22 0.00	28.14 -1.23 0.00	26.04 -1.25 0.00	25.50 -1.28 0.00	27.95 -1.22 0.00	28.01 -1.20 0.00	27.45 -1.35 0.00	25.63 -0.88 0.00	24.57 -0.76 0.00	26.11 -0.67 0.00	29.78 -0.60 0.00	27.98 -0.68 0.00	27.52 -0.54 0.00	35.66 -0.45 0.00	37.04 -0.74 0.00	42.63 -1.33 0.00	44.43 -1.58 0.00	39.07 -1.39 0.00	41.45 -1.51 0.00	33.85 -1.64 0.00	32.40 -1.53 0.00	31.15 -1.23 0.00
HYLAND___LFG 323620	37.54 0.74 0.00	31.96 0.50 0.00	30.72 0.42 0.00	29.73 0.36 0.00	27.56 0.27 0.00	27.05 0.27 0.00	29.65 0.48 0.00	29.78 0.57 0.00	28.94 0.15 0.00	26.30 -0.21 0.00	25.15 -0.19 0.00	26.77 -0.02 0.00	30.48 0.10 0.00	28.74 0.08 0.00	28.28 0.21 0.00	36.67 0.55 0.00	38.22 0.43 0.00	44.37 0.42 0.00	47.09 1.08 0.00	42.31 1.85 0.00	44.90 1.95 0.00	36.56 1.07 0.00	34.79 0.86 0.00	33.17 0.79 0.00
INDECK___CORINTH 23802	38.10 1.30 0.00	32.57 1.10 0.00	31.27 0.97 0.00	30.22 0.85 0.00	28.06 0.77 0.00	27.64 0.86 0.00	30.21 1.03 0.00	30.31 1.10 0.00	29.65 0.85 0.00	27.01 0.50 0.00	25.61 0.27 0.00	26.97 0.18 0.00	30.51 0.13 0.00	28.71 0.05 0.00	28.44 0.37 0.00	36.85 0.74 0.00	39.20 1.41 0.00	45.89 1.93 0.00	49.85 3.84 0.00	43.88 3.41 0.00	45.94 2.99 0.00	37.32 1.82 0.00	35.49 1.56 0.00	33.84 1.45 0.00
INDECK___ILION 23567	36.79 -0.01 0.00	31.42 -0.05 0.00	30.27 -0.03 0.00	29.35 -0.01 0.00	27.28 -0.01 0.00	26.81 0.04 0.00	29.23 0.05 0.00	29.28 0.07 0.00	28.59 -0.21 0.00	26.06 -0.46 0.00	24.86 -0.47 0.00	26.28 -0.51 0.00	29.79 -0.59 0.00	28.15 -0.51 0.00	27.77 -0.29 0.00	35.94 -0.17 0.00	37.64 -0.14 0.00	44.07 0.11 0.00	46.41 0.41 0.00	40.90 0.43 0.00	43.37 0.42 0.00	35.90 0.41 0.00	34.12 0.19 0.00	32.57 0.18 0.00
INDECK___OLEAN 23982	36.62 -0.18 0.00	31.10 -0.37 0.00	29.85 -0.45 0.00	28.96 -0.40 0.00	26.84 -0.45 0.00	26.42 -0.36 0.00	28.91 -0.27 0.00	29.04 -0.17 0.00	28.44 -0.36 0.00	26.64 0.13 0.00	25.49 0.16 0.00	27.22 0.43 0.00	30.77 0.39 0.00	28.99 0.33 0.00	28.61 0.55 0.00	37.10 0.98 0.00	38.42 0.63 0.00	44.50 0.55 0.00	46.38 0.37 0.00	40.81 0.34 0.00	43.22 0.27 0.00	35.29 -0.20 0.00	33.71 -0.21 0.00	32.34 -0.04 0.00
INDECK___OSWEGO 23783	36.32 -0.48 0.00	31.09 -0.37 0.00	29.92 -0.38 0.00	29.02 -0.35 0.00	26.94 -0.35 0.00	26.43 -0.35 0.00	28.79 -0.38 0.00	28.79 -0.42 0.00	28.29 -0.51 0.00	26.00 -0.51 0.00	24.77 -0.56 0.00	26.21 -0.58 0.00	29.75 -0.63 0.00	28.11 -0.55 0.00	27.60 -0.47 0.00	35.58 -0.54 0.00	37.25 -0.54 0.00	43.37 -0.58 0.00	45.45 -0.55 0.00	40.03 -0.44 0.00	42.43 -0.53 0.00	35.01 -0.49 0.00	33.38 -0.55 0.00	31.88 -0.51 0.00
INDECK___YERKES 23781	35.69 -1.11 0.00	30.43 -1.04 0.00	29.31 -0.99 0.00	28.36 -1.01 0.00	26.24 -1.05 0.00	25.69 -1.09 0.00	28.16 -1.01 0.00	28.23 -0.99 0.00	27.64 -1.16 0.00	25.81 -0.70 0.00	24.73 -0.60 0.00	26.34 -0.45 0.00	30.01 -0.37 0.00	28.18 -0.48 0.00	27.77 -0.29 0.00	35.94 -0.18 0.00	37.39 -0.39 0.00	43.04 -0.92 0.00	44.82 -1.20 0.00	39.41 -1.06 0.00	41.76 -1.19 0.00	34.12 -1.37 0.00	32.70 -1.23 0.00	31.46 -0.92 0.00
INDIAN POINT_GT_1 24139	38.00 1.20 0.00	32.38 0.92 0.00	30.96 0.66 0.00	29.93 0.57 0.00	27.88 0.59 0.00	27.40 0.62 0.00	29.83 0.66 0.00	29.99 0.78 0.00	29.55 0.75 0.00	27.33 0.82 0.00	26.27 0.94 0.00	27.85 1.06 0.00	31.55 1.17 0.00	29.85 1.19 0.00	29.53 1.47 0.00	38.02 1.90 0.00	39.74 1.96 0.00	46.11 2.15 0.00	47.98 1.97 0.00	42.06 1.59 0.00	44.57 1.61 0.00	36.98 1.49 0.00	35.23 1.30 0.00	33.68 1.29 0.00
INDIAN POINT_GT_2 23659	38.00 1.20 0.00	32.38 0.92 0.00	30.96 0.66 0.00	29.93 0.57 0.00	27.88 0.59 0.00	27.40 0.62 0.00	29.83 0.66 0.00	29.99 0.78 0.00	29.55 0.75 0.00	27.33 0.82 0.00	26.27 0.94 0.00	27.85 1.06 0.00	31.55 1.17 0.00	29.85 1.19 0.00	29.53 1.47 0.00	38.02 1.90 0.00	39.74 1.96 0.00	46.11 2.15 0.00	47.98 1.97 0.00	42.06 1.59 0.00	44.57 1.61 0.00	36.98 1.49 0.00	35.23 1.30 0.00	33.68 1.29 0.00
INDIAN POINT_GT_3 24019	38.00 1.20 0.00	32.38 0.92 0.00	30.96 0.66 0.00	29.93 0.57 0.00	27.88 0.59 0.00	27.40 0.62 0.00	29.83 0.66 0.00	29.99 0.78 0.00	29.55 0.75 0.00	27.33 0.82 0.00	26.27 0.94 0.00	27.85 1.06 0.00	31.55 1.17 0.00	29.85 1.19 0.00	29.53 1.47 0.00	38.02 1.90 0.00	39.74 1.96 0.00	46.11 2.15 0.00	47.98 1.97 0.00	42.06 1.59 0.00	44.57 1.61 0.00	36.98 1.49 0.00	35.23 1.30 0.00	33.68 1.29 0.00
INDIAN POINT___2 23530	37.88 1.08 0.00	32.27 0.80 0.00	30.85 0.55 0.00	29.83 0.46 0.00	27.78 0.49 0.00	27.30 0.53 0.00	29.72 0.55 0.00	29.88 0.67 0.00	29.44 0.65 0.00	27.23 0.72 0.00	26.18 0.84 0.00	27.75 0.96 0.00	31.44 1.06 0.00	29.74 1.08 0.00	29.42 1.35 0.00	37.87 1.76 0.00	39.60 1.81 0.00	45.96 2.00 0.00	47.83 1.82 0.00	41.90 1.43 0.00	44.40 1.44 0.00	36.84 1.35 0.00	35.09 1.16 0.00	33.55 1.17 0.00
INDIAN POINT___3 23531	38.05 1.25 0.00	32.42 0.95 0.00	31.00 0.71 0.00	29.97 0.60 0.00	27.92 0.62 0.00	27.43 0.65 0.00	29.87 0.70 0.00	30.03 0.82 0.00	29.59 0.79 0.00	27.37 0.86 0.00	26.31 0.97 0.00	27.89 1.10 0.00	31.59 1.21 0.00	29.88 1.23 0.00	29.56 1.49 0.00	38.05 1.94 0.00	39.77 1.98 0.00	46.13 2.18 0.00	48.01 2.00 0.00	42.09 1.62 0.00	44.61 1.66 0.00	37.02 1.53 0.00	35.26 1.33 0.00	33.71 1.33 0.00
INGHAM_C_115KV_TB7 356103	36.55 -0.25 0.00	31.15 -0.31 0.00	30.04 -0.25 0.00	29.15 -0.22 0.00	27.09 -0.21 0.00	26.69 -0.08 0.00	29.12 -0.06 0.00	29.19 -0.03 0.00	28.15 -0.64 0.00	25.26 -1.25 0.00	24.03 -1.30 0.00	25.41 -1.38 0.00	28.77 -1.61 0.00	27.24 -1.42 0.00	27.08 -0.98 0.00	35.33 -0.78 0.00	37.03 -0.76 0.00	43.72 -0.23 0.00	46.50 0.49 0.00	41.12 0.65 0.00	43.59 0.63 0.00	36.18 0.69 0.00	34.16 0.23 0.00	32.60 0.22 0.00
IP CORINTH___1 23988	38.30 1.50 0.00	32.73 1.26 0.00	31.43 1.14 0.00	30.38 1.01 0.00	28.21 0.91 0.00	27.79 1.01 0.00	30.36 1.19 0.00	30.47 1.25 0.00	29.80 1.00 0.00	27.15 0.64 0.00	25.74 0.41 0.00	27.12 0.33 0.00	30.67 0.30 0.00	28.88 0.22 0.00	28.60 0.54 0.00	37.07 0.95 0.00	39.41 1.62 0.00	46.14 2.18 0.00	49.88 3.87 0.00	43.88 3.41 0.00	45.94 2.99 0.00	37.32 1.83 0.00	35.49 1.56 0.00	33.84 1.45 0.00

IP__TICONDEROGA 23804	40.28 3.48 0.00	34.44 2.98 0.00	32.94 2.64 0.00	31.60 2.23 0.00	29.27 1.98 0.00	28.98 2.20 0.00	31.82 2.65 0.00	31.97 2.76 0.00	31.05 2.25 0.00	28.04 1.53 0.00	26.63 1.30 0.00	27.92 1.14 0.00	31.64 1.26 0.00	30.09 1.43 0.00	29.90 1.84 0.00	38.91 2.80 0.00	41.53 3.74 0.00	48.57 4.62 0.00	52.25 6.24 0.00	47.58 7.11 0.00	50.33 7.38 0.00	40.50 5.01 0.00	37.53 3.60 0.00	35.44 3.05 0.00
ISLIP_RES_REC 323679	39.13 2.33 0.00	33.24 1.77 0.00	31.66 1.36 0.00	30.49 1.12 0.00	28.40 1.11 0.00	27.91 1.13 0.00	30.70 1.53 0.00	30.77 1.56 0.00	30.28 1.48 0.00	28.07 1.56 0.00	26.99 1.66 0.00	29.86 1.93 -1.14	34.05 2.23 -1.44	34.46 2.30 -3.49	33.64 2.62 -2.96	39.25 3.14 0.00	41.22 3.43 0.00	47.62 3.66 0.00	49.03 3.03 0.00	42.98 2.51 0.00	45.67 2.72 0.00	37.54 2.06 0.00	35.80 1.87 0.00	34.42 2.04 0.00
JAMAICA__27_KV_LOAD 355505	38.76 1.96 0.00	33.02 1.55 0.00	31.46 1.17 0.00	30.42 1.05 0.00	28.42 1.13 0.00	27.94 1.16 0.00	30.30 1.13 0.00	30.57 1.35 0.00	30.11 1.31 0.00	27.97 1.46 0.00	26.85 1.52 0.00	28.47 1.67 0.00	32.21 1.84 0.00	30.52 1.86 0.00	30.25 2.18 0.00	38.91 2.80 0.00	40.60 2.81 0.00	47.07 3.12 0.00	48.99 2.98 0.00	42.96 2.49 0.00	45.52 2.57 0.00	37.76 2.27 0.00	35.98 2.05 0.00	34.34 1.96 0.00
JANIS__SOLAR 323808	38.22 1.42 0.00	32.56 1.09 0.00	31.28 0.98 0.00	30.26 0.90 0.00	28.13 0.83 0.00	27.60 0.82 0.00	30.17 0.99 0.00	30.22 1.01 0.00	29.49 0.69 0.00	26.94 0.43 0.00	25.53 0.19 0.00	27.02 0.24 0.00	30.72 0.34 0.00	29.08 0.42 0.00	28.61 0.55 0.00	37.11 0.99 0.00	39.07 1.29 0.00	45.90 1.95 0.00	48.60 2.59 0.00	42.99 2.52 0.00	45.49 2.53 0.00	37.27 1.78 0.00	35.43 1.50 0.00	33.75 1.37 0.00
JARVIS____ 23743	36.84 0.05 0.00	31.50 0.03 0.00	30.33 0.03 0.00	29.42 0.05 0.00	27.34 0.05 0.00	26.83 0.05 0.00	29.23 0.06 0.00	29.27 0.05 0.00	28.80 0.00 0.00	26.49 -0.03 0.00	25.31 -0.02 0.00	26.76 -0.03 0.00	30.35 -0.03 0.00	28.63 -0.03 0.00	28.12 0.06 0.00	36.20 0.08 0.00	37.88 0.09 0.00	44.09 0.13 0.00	46.15 0.14 0.00	40.59 0.12 0.00	43.06 0.11 0.00	35.61 0.12 0.00	34.00 0.07 0.00	32.46 0.08 0.00
JENNISON__1 23625	38.25 1.45 0.00	32.54 1.07 0.00	31.28 0.98 0.00	30.15 0.78 0.00	28.05 0.76 0.00	27.58 0.80 0.00	30.08 0.91 0.00	30.15 0.94 0.00	29.55 0.75 0.00	27.30 0.79 0.00	26.00 0.66 0.00	27.54 0.75 0.00	31.31 0.93 0.00	29.63 0.97 0.00	29.18 1.12 0.00	37.79 1.67 0.00	39.68 1.90 0.00	46.43 2.48 0.00	48.73 2.72 0.00	42.91 2.44 0.00	45.43 2.48 0.00	37.28 1.79 0.00	35.44 1.51 0.00	33.77 1.38 0.00
JENNISON__2 23626	38.25 1.45 0.00	32.54 1.07 0.00	31.28 0.98 0.00	30.15 0.78 0.00	28.05 0.76 0.00	27.58 0.80 0.00	30.08 0.91 0.00	30.15 0.94 0.00	29.55 0.75 0.00	27.30 0.79 0.00	26.00 0.66 0.00	27.54 0.75 0.00	31.31 0.93 0.00	29.63 0.97 0.00	29.18 1.12 0.00	37.79 1.67 0.00	39.68 1.90 0.00	46.43 2.48 0.00	48.73 2.72 0.00	42.91 2.44 0.00	45.43 2.48 0.00	37.28 1.79 0.00	35.44 1.51 0.00	33.77 1.38 0.00
JERICO_RISE_WT_PWR 323719	37.61 0.81 0.00	32.07 0.60 0.00	30.87 0.57 0.00	29.87 0.50 0.00	27.71 0.42 0.00	27.22 0.44 0.00	29.72 0.55 0.00	29.81 0.60 0.00	29.42 0.63 0.00	27.13 0.61 0.00	25.92 0.59 0.00	27.35 0.56 0.00	31.11 0.73 0.00	29.27 0.61 0.00	28.44 0.38 0.00	36.51 0.39 0.00	38.13 0.35 0.00	44.49 0.53 0.00	46.62 0.61 0.00	41.07 0.60 0.00	43.69 0.73 0.00	35.83 0.34 0.00	34.49 0.56 0.00	32.71 0.33 0.00
KATONAH__115KV_46KV_TB4 355592	38.31 1.51 0.00	32.64 1.17 0.00	31.22 0.93 0.00	30.19 0.82 0.00	28.11 0.81 0.00	27.62 0.84 0.00	30.09 0.92 0.00	30.25 1.04 0.00	29.83 1.03 0.00	27.58 1.07 0.00	26.53 1.20 0.00	28.12 1.33 0.00	31.87 1.50 0.00	30.18 1.52 0.00	29.87 1.81 0.00	38.45 2.34 0.00	40.19 2.40 0.00	46.63 2.67 0.00	48.50 2.49 0.00	42.53 2.06 0.00	45.06 2.10 0.00	37.36 1.87 0.00	35.56 1.63 0.00	33.97 1.59 0.00
KCE_NY_1 323755	38.27 1.47 0.00	32.71 1.24 0.00	31.48 1.18 0.00	30.46 1.09 0.00	28.29 0.99 0.00	27.86 1.08 0.00	30.44 1.27 0.00	30.49 1.28 0.00	29.82 1.02 0.00	27.28 0.77 0.00	26.02 0.68 0.00	27.40 0.61 0.00	31.00 0.62 0.00	29.27 0.61 0.00	28.92 0.86 0.00	37.41 1.29 0.00	39.44 1.65 0.00	46.12 2.16 0.00	48.86 2.85 0.00	42.89 2.43 0.00	45.34 2.39 0.00	37.51 2.02 0.00	35.63 1.70 0.00	33.98 1.60 0.00
KCE_NY_6_ESR 323823	36.00 -0.80 0.00	30.65 -0.81 0.00	29.53 -0.77 0.00	28.57 -0.79 0.00	26.44 -0.85 0.00	25.91 -0.87 0.00	28.40 -0.77 0.00	28.48 -0.73 0.00	27.90 -0.90 0.00	26.08 -0.44 0.00	25.00 -0.34 0.00	26.62 -0.17 0.00	30.33 -0.06 0.00	28.51 -0.15 0.00	28.07 0.01 0.00	36.39 0.28 0.00	37.81 0.02 0.00	43.61 -0.34 0.00	45.41 -0.60 0.00	39.97 -0.50 0.00	42.31 -0.64 0.00	34.54 -0.96 0.00	32.99 -0.94 0.00	31.68 -0.70 0.00
KEDC_PORT_JEFF_GT2 24210	38.91 2.11 0.00	33.06 1.59 0.00	31.50 1.20 0.00	30.34 0.97 0.00	28.26 0.96 0.00	27.77 0.99 0.00	30.54 1.37 0.00	30.64 1.43 0.00	30.14 1.34 0.00	27.93 1.42 0.00	26.85 1.52 0.00	29.66 1.76 -1.12	33.81 2.02 -1.41	34.23 2.08 -3.49	33.40 2.37 -2.96	38.94 2.82 0.00	40.85 3.06 0.00	47.01 3.05 0.00	48.41 2.40 0.00	42.65 2.19 0.00	45.34 2.38 0.00	37.29 1.80 0.00	35.58 1.65 0.00	34.24 1.85 0.00
KEDC_PORT_JEFF_GT3 24211	38.91 2.11 0.00	33.06 1.59 0.00	31.50 1.20 0.00	30.34 0.97 0.00	28.26 0.96 0.00	27.77 0.99 0.00	30.54 1.37 0.00	30.64 1.43 0.00	30.14 1.34 0.00	27.93 1.42 0.00	26.85 1.52 0.00	29.66 1.76 -1.12	33.81 2.02 -1.41	34.23 2.08 -3.49	33.40 2.37 -2.96	38.94 2.82 0.00	40.85 3.06 0.00	47.01 3.05 0.00	48.41 2.40 0.00	42.65 2.19 0.00	45.34 2.38 0.00	37.29 1.80 0.00	35.58 1.65 0.00	34.24 1.85 0.00
KEDC_GLWD_GT4 24219	38.92 2.12 0.00	33.11 1.64 0.00	31.57 1.27 0.00	30.47 1.10 0.00	28.37 1.07 0.00	27.86 1.08 0.00	30.46 1.29 0.00	30.60 1.39 0.00	30.19 1.39 0.00	27.97 1.46 0.00	26.97 1.64 0.00	30.90 1.88 -2.23	35.02 2.16 -2.48	34.35 2.15 -3.54	33.48 2.42 -2.99	39.09 2.97 0.00	40.53 2.75 0.00	46.91 2.96 0.00	48.54 2.53 0.00	42.52 2.06 0.00	45.49 2.54 0.00	37.62 2.14 0.00	35.90 1.96 0.00	34.44 2.06 0.00
KEDC_GLWD_GT5 24220	38.92 2.12 0.00	33.11 1.64 0.00	31.57 1.27 0.00	30.47 1.10 0.00	28.37 1.07 0.00	27.86 1.08 0.00	30.46 1.29 0.00	30.60 1.39 0.00	30.19 1.39 0.00	27.97 1.46 0.00	26.97 1.64 0.00	30.90 1.88 -2.23	35.02 2.16 -2.48	34.35 2.15 -3.54	33.48 2.42 -2.99	39.09 2.97 0.00	40.53 2.75 0.00	46.91 2.96 0.00	48.54 2.53 0.00	42.52 2.06 0.00	45.49 2.54 0.00	37.62 2.14 0.00	35.90 1.96 0.00	34.44 2.06 0.00

KENSICO____ 23655	38.27 1.47 0.00	32.61 1.14 0.00	31.17 0.87 0.00	30.14 0.77 0.00	28.07 0.78 0.00	27.58 0.80 0.00	30.04 0.87 0.00	30.20 0.98 0.00	29.77 0.97 0.00	27.54 1.03 0.00	26.48 1.15 0.00	28.07 1.28 0.00	31.81 1.43 0.00	30.10 1.44 0.00	29.78 1.72 0.00	38.32 2.20 0.00	40.03 2.24 0.00	46.41 2.45 0.00	48.28 2.27 0.00	42.34 1.87 0.00	44.87 1.92 0.00	37.25 1.76 0.00	35.48 1.56 0.00	33.92 1.54 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.05 1.24 0.00	32.37 0.90 0.00	30.94 0.64 0.00	29.92 0.55 0.00	27.85 0.56 0.00	27.35 0.57 0.00	29.79 0.62 0.00	29.94 0.73 0.00	29.51 0.72 0.00	27.27 0.76 0.00	26.17 0.83 0.00	27.73 0.94 0.00	31.43 1.05 0.00	29.77 1.12 0.00	29.44 1.38 0.00	37.99 1.87 0.00	39.79 2.01 0.00	46.32 2.37 0.00	48.31 2.30 0.00	42.37 1.90 0.00	44.87 1.91 0.00	37.15 1.66 0.00	35.35 1.43 0.00	33.73 1.34 0.00
KIAC_JFK_GT1 23816	38.52 1.72 0.00	32.83 1.36 0.00	31.29 1.00 0.00	30.26 0.89 0.00	28.26 0.96 0.00	27.76 0.99 0.00	30.13 0.95 0.00	30.37 1.16 0.00	29.94 1.14 0.00	27.81 1.30 0.00	26.70 1.36 0.00	28.30 1.52 0.00	32.00 1.62 0.00	30.22 1.56 0.00	29.95 1.89 0.00	38.53 2.41 0.00	40.20 2.41 0.00	46.60 2.64 0.00	48.48 2.47 0.00	42.51 2.05 0.00	45.05 2.10 0.00	37.39 1.90 0.00	35.74 1.81 0.00	34.11 1.73 0.00
KIAC_JFK_GT2 23817	38.52 1.72 0.00	32.83 1.36 0.00	31.29 1.00 0.00	30.26 0.89 0.00	28.26 0.96 0.00	27.76 0.99 0.00	30.13 0.95 0.00	30.37 1.16 0.00	29.94 1.14 0.00	27.81 1.30 0.00	26.70 1.36 0.00	28.30 1.52 0.00	32.00 1.62 0.00	30.22 1.56 0.00	29.95 1.89 0.00	38.53 2.41 0.00	40.20 2.41 0.00	46.60 2.64 0.00	48.48 2.47 0.00	42.51 2.05 0.00	45.05 2.10 0.00	37.39 1.90 0.00	35.74 1.81 0.00	34.11 1.73 0.00
KIAC_JFK____ 323774	38.52 1.72 0.00	32.83 1.36 0.00	31.29 1.00 0.00	30.26 0.89 0.00	28.26 0.96 0.00	27.76 0.98 0.00	30.13 0.95 0.00	30.37 1.16 0.00	29.94 1.14 0.00	27.81 1.30 0.00	26.70 1.36 0.00	28.29 1.50 0.00	31.99 1.62 0.00	30.22 1.56 0.00	29.95 1.89 0.00	38.53 2.42 0.00	40.20 2.41 0.00	46.59 2.64 0.00	48.48 2.47 0.00	42.51 2.05 0.00	45.05 2.10 0.00	37.39 1.90 0.00	35.74 1.81 0.00	34.11 1.73 0.00
KINTIGH____ 23543	35.20 -1.60 0.00	30.06 -1.40 0.00	28.96 -1.34 0.00	28.03 -1.34 0.00	25.97 -1.33 0.00	25.45 -1.33 0.00	27.87 -1.30 0.00	27.92 -1.30 0.00	27.36 -1.44 0.00	25.47 -1.04 0.00	24.40 -0.94 0.00	25.93 -0.86 0.00	29.53 -0.85 0.00	27.76 -0.90 0.00	27.30 -0.76 0.00	35.34 -0.77 0.00	36.77 -1.02 0.00	42.38 -1.58 0.00	44.24 -1.76 0.00	38.88 -1.59 0.00	41.24 -1.72 0.00	33.74 -1.75 0.00	32.29 -1.64 0.00	31.01 -1.37 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.60 1.80 0.00	32.86 1.39 0.00	31.63 1.34 0.00	30.56 1.20 0.00	28.35 1.05 0.00	27.90 1.12 0.00	30.51 1.33 0.00	30.66 1.45 0.00	30.15 1.35 0.00	27.74 1.23 0.00	26.54 1.20 0.00	27.97 1.18 0.00	31.83 1.45 0.00	29.98 1.33 0.00	29.26 1.20 0.00	37.62 1.51 0.00	39.25 1.46 0.00	45.88 1.92 0.00	48.10 2.08 0.00	42.41 1.94 0.00	45.06 2.10 0.00	36.79 1.30 0.00	35.41 1.49 0.00	33.61 1.22 0.00
LACHUTE__HYDRO 323717	40.28 3.48 0.00	34.44 2.97 0.00	32.94 2.64 0.00	31.60 2.23 0.00	29.27 1.98 0.00	28.98 2.20 0.00	31.82 2.65 0.00	31.97 2.76 0.00	31.05 2.25 0.00	28.04 1.53 0.00	26.63 1.30 0.00	27.92 1.13 0.00	31.64 1.26 0.00	30.09 1.43 0.00	29.90 1.84 0.00	38.92 2.80 0.00	41.53 3.74 0.00	48.57 4.62 0.00	52.25 6.24 0.00	47.58 7.11 0.00	50.33 7.38 0.00	40.50 5.01 0.00	37.53 3.60 0.00	35.44 3.05 0.00
LAWRNCALV_115KV_TB1 80681	36.92 0.12 0.00	31.52 0.05 0.00	30.28 -0.02 0.00	29.24 -0.12 0.00	27.19 -0.11 0.00	26.65 -0.13 0.00	29.08 -0.09 0.00	29.12 -0.10 0.00	28.75 -0.05 0.00	26.49 -0.03 0.00	25.27 -0.06 0.00	26.67 -0.12 0.00	30.35 -0.03 0.00	28.53 -0.13 0.00	27.61 -0.45 0.00	35.43 -0.69 0.00	37.08 -0.70 0.00	43.37 -0.59 0.00	45.63 -0.38 0.00	40.29 -0.18 0.00	42.98 0.03 0.00	35.44 -0.05 0.00	34.05 0.12 0.00	32.26 -0.13 0.00
LEDERLE____ 23769	38.13 1.33 0.00	32.48 1.01 0.00	31.03 0.73 0.00	30.00 0.64 0.00	27.94 0.64 0.00	27.46 0.69 0.00	29.90 0.72 0.00	30.06 0.85 0.00	29.63 0.83 0.00	27.42 0.91 0.00	26.36 1.02 0.00	27.97 1.18 0.00	31.69 1.31 0.00	29.98 1.33 0.00	29.67 1.60 0.00	38.21 2.09 0.00	39.95 2.17 0.00	46.36 2.41 0.00	48.24 2.23 0.00	42.24 1.77 0.00	44.74 1.79 0.00	37.12 1.63 0.00	35.35 1.42 0.00	33.78 1.40 0.00
LIGHTHSE_115KV_TB6 355974	37.00 0.20 0.00	31.62 0.15 0.00	30.40 0.10 0.00	29.45 0.09 0.00	27.36 0.07 0.00	26.80 0.03 0.00	29.24 0.07 0.00	29.25 0.04 0.00	28.66 -0.14 0.00	26.27 -0.24 0.00	25.00 -0.33 0.00	26.49 -0.30 0.00	30.10 -0.28 0.00	28.43 -0.23 0.00	27.86 -0.20 0.00	35.86 -0.25 0.00	37.66 -0.12 0.00	44.02 0.06 0.00	46.32 0.32 0.00	40.93 0.46 0.00	43.39 0.44 0.00	35.84 0.35 0.00	34.16 0.23 0.00	32.54 0.16 0.00
LINDEN COGEN____ 23786	38.38 1.57 0.00	32.70 1.24 0.00	31.23 0.93 0.00	30.21 0.85 0.00	28.16 0.86 0.00	27.67 0.89 0.00	30.12 0.94 0.00	30.30 1.08 0.00	29.86 1.07 0.00	27.64 1.13 0.00	26.60 1.26 0.00	28.21 1.42 0.00	31.97 1.59 0.00	30.25 1.59 0.00	29.94 1.88 0.00	38.28 2.39 0.22	39.93 2.37 0.23	45.71 2.53 0.77	48.32 2.32 0.00	42.33 1.87 0.00	44.90 1.94 0.00	37.33 1.84 0.00	35.60 1.67 0.00	34.01 1.63 0.00
LINDHRST_69_KV_BK1 356055	39.24 2.44 0.00	33.35 1.88 0.00	31.77 1.48 0.00	30.63 1.26 0.00	28.53 1.23 0.00	28.02 1.24 0.00	30.71 1.53 0.00	30.82 1.61 0.00	30.39 1.59 0.00	28.15 1.64 0.00	27.12 1.79 0.00	30.45 2.08 -1.58	34.62 2.38 -1.86	34.53 2.37 -3.51	33.66 2.63 -2.97	39.31 3.19 0.00	41.13 3.34 0.00	47.55 3.60 0.00	49.08 3.07 0.00	42.95 2.49 0.00	45.77 2.81 0.00	37.75 2.26 0.00	36.06 2.13 0.00	34.64 2.26 0.00
LIPA_MISC_IPP 23656	38.76 1.96 0.00	32.94 1.47 0.00	31.38 1.09 0.00	30.22 0.85 0.00	28.14 0.85 0.00	27.66 0.88 0.00	30.47 1.30 0.00	30.49 1.27 0.00	29.95 1.15 0.00	27.76 1.25 0.00	26.67 1.34 0.00	29.46 1.57 -1.10	33.58 1.80 -1.40	34.04 1.89 -3.49	33.21 2.18 -2.96	38.67 2.55 0.00	40.61 2.82 0.00	47.01 3.05 0.00	48.36 2.35 0.00	42.38 1.92 0.00	45.06 2.11 0.00	37.05 1.56 0.00	35.37 1.44 0.00	34.01 1.63 0.00
LISF__SOLAR 323691	38.83 2.03 0.00	32.99 1.52 0.00	31.44 1.14 0.00	30.26 0.90 0.00	28.18 0.88 0.00	27.69 0.91 0.00	30.52 1.35 0.00	30.53 1.32 0.00	30.00 1.20 0.00	27.78 1.27 0.00	26.69 1.36 0.00	29.48 1.58 -1.11	33.60 1.83 -1.40	34.07 1.92 -3.49	33.25 2.22 -2.96	38.73 2.61 0.00	40.68 2.90 0.00	47.11 3.15 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.16 2.21 0.00	37.12 1.63 0.00	35.43 1.51 0.00	34.07 1.68 0.00

LITTLE FALLS___HYD 24013	36.55 -0.25 0.00	31.15 -0.31 0.00	30.04 -0.25 0.00	29.15 -0.22 0.00	27.09 -0.21 0.00	26.69 -0.08 0.00	29.12 -0.06 0.00	29.19 -0.03 0.00	28.15 -0.64 0.00	25.26 -1.25 0.00	24.03 -1.30 0.00	25.41 -1.38 0.00	28.77 -1.61 0.00	27.24 -1.42 0.00	27.08 -0.98 0.00	35.33 -0.78 0.00	37.03 -0.76 0.00	43.72 -0.23 0.00	46.50 0.49 0.00	41.12 0.65 0.00	43.59 0.63 0.00	36.18 0.69 0.00	34.16 0.23 0.00	32.60 0.22 0.00
LITTLRIV_115KV_TB1 356100	37.39 0.59 0.00	31.89 0.42 0.00	30.62 0.32 0.00	29.59 0.23 0.00	27.50 0.21 0.00	26.97 0.18 0.00	29.43 0.26 0.00	29.46 0.24 0.00	29.01 0.21 0.00	26.66 0.14 0.00	25.40 0.06 0.00	26.80 0.01 0.00	30.50 0.12 0.00	28.65 0.00 0.00	27.72 -0.34 0.00	35.57 -0.55 0.00	37.28 -0.51 0.00	43.70 -0.25 0.00	46.23 0.22 0.00	40.93 0.46 0.00	43.68 0.72 0.00	35.97 0.48 0.00	34.54 0.61 0.00	32.69 0.31 0.00
LI_NEWBRDGE___DRP 323616	38.60 1.80 0.00	32.84 1.37 0.00	31.33 1.03 0.00	30.23 0.87 0.00	28.15 0.86 0.00	27.65 0.88 0.00	30.24 1.07 0.00	30.37 1.15 0.00	29.92 1.12 0.00	27.73 1.21 0.00	26.69 1.36 0.00	29.17 1.58 -0.79	33.25 1.78 -1.10	33.91 1.78 -3.48	33.05 2.04 -2.95	38.57 2.45 0.00	40.30 2.51 0.00	46.63 2.67 0.00	48.26 2.25 0.00	42.28 1.82 0.00	44.96 2.01 0.00	37.19 1.70 0.00	35.49 1.56 0.00	34.10 1.72 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.38 -1.42 0.00	30.19 -1.28 0.00	29.09 -1.21 0.00	28.15 -1.22 0.00	26.04 -1.25 0.00	25.50 -1.28 0.00	27.96 -1.21 0.00	28.00 -1.21 0.00	27.42 -1.37 0.00	25.56 -0.95 0.00	24.48 -0.85 0.00	25.95 -0.83 0.00	29.63 -0.74 0.00	27.80 -0.86 0.00	27.44 -0.62 0.00	35.44 -0.68 0.00	36.86 -0.93 0.00	42.40 -1.55 0.00	44.27 -1.74 0.00	38.97 -1.50 0.00	41.30 -1.65 0.00	33.75 -1.74 0.00	32.31 -1.62 0.00	31.08 -1.31 0.00
LOCKPORT___CC1 323769	35.35 -1.45 0.00	30.16 -1.31 0.00	29.06 -1.24 0.00	28.12 -1.25 0.00	26.02 -1.27 0.00	25.47 -1.30 0.00	27.94 -1.23 0.00	27.98 -1.23 0.00	27.40 -1.40 0.00	25.55 -0.96 0.00	24.47 -0.87 0.00	26.00 -0.79 0.00	29.63 -0.75 0.00	27.80 -0.86 0.00	27.43 -0.63 0.00	35.42 -0.69 0.00	36.83 -0.96 0.00	42.38 -1.58 0.00	44.23 -1.78 0.00	38.93 -1.54 0.00	41.26 -1.69 0.00	33.72 -1.77 0.00	32.28 -1.65 0.00	31.06 -1.33 0.00
LOCKPORT___CC2 323770	35.35 -1.45 0.00	30.16 -1.31 0.00	29.06 -1.24 0.00	28.12 -1.25 0.00	26.02 -1.27 0.00	25.47 -1.30 0.00	27.94 -1.23 0.00	27.98 -1.23 0.00	27.40 -1.40 0.00	25.55 -0.96 0.00	24.47 -0.87 0.00	26.00 -0.79 0.00	29.63 -0.75 0.00	27.80 -0.86 0.00	27.43 -0.63 0.00	35.42 -0.69 0.00	36.83 -0.96 0.00	42.38 -1.58 0.00	44.23 -1.78 0.00	38.93 -1.54 0.00	41.26 -1.69 0.00	33.72 -1.77 0.00	32.28 -1.65 0.00	31.06 -1.33 0.00
LOCKPORT___CC3 323771	35.35 -1.45 0.00	30.16 -1.31 0.00	29.06 -1.24 0.00	28.12 -1.25 0.00	26.02 -1.27 0.00	25.47 -1.30 0.00	27.94 -1.23 0.00	27.98 -1.23 0.00	27.40 -1.40 0.00	25.55 -0.96 0.00	24.47 -0.87 0.00	26.00 -0.79 0.00	29.63 -0.75 0.00	27.80 -0.86 0.00	27.43 -0.63 0.00	35.42 -0.69 0.00	36.83 -0.96 0.00	42.38 -1.58 0.00	44.23 -1.78 0.00	38.93 -1.54 0.00	41.26 -1.69 0.00	33.72 -1.77 0.00	32.28 -1.65 0.00	31.06 -1.33 0.00
LONG_LAKE_PHOENIX 24014	36.41 -0.39 0.00	31.16 -0.31 0.00	29.97 -0.32 0.00	29.08 -0.29 0.00	26.99 -0.31 0.00	26.47 -0.30 0.00	28.84 -0.33 0.00	28.85 -0.36 0.00	28.36 -0.44 0.00	26.08 -0.43 0.00	24.85 -0.48 0.00	26.27 -0.52 0.00	29.83 -0.55 0.00	28.18 -0.48 0.00	27.68 -0.38 0.00	35.71 -0.40 0.00	37.38 -0.40 0.00	43.53 -0.42 0.00	45.63 -0.38 0.00	40.18 -0.29 0.00	42.57 -0.38 0.00	35.09 -0.40 0.00	33.46 -0.47 0.00	31.95 -0.43 0.00
LOVETT___3 23632	37.96 1.16 0.00	32.34 0.87 0.00	30.90 0.60 0.00	29.88 0.51 0.00	27.83 0.53 0.00	27.35 0.57 0.00	29.77 0.60 0.00	29.93 0.72 0.00	29.50 0.70 0.00	27.29 0.78 0.00	26.24 0.90 0.00	27.83 1.04 0.00	31.52 1.14 0.00	29.82 1.16 0.00	29.50 1.43 0.00	37.98 1.86 0.00	39.70 1.92 0.00	46.06 2.10 0.00	47.93 1.92 0.00	42.00 1.53 0.00	44.49 1.54 0.00	36.91 1.42 0.00	35.17 1.24 0.00	33.62 1.24 0.00
LOVETT___4 23642	37.96 1.16 0.00	32.34 0.87 0.00	30.90 0.60 0.00	29.88 0.51 0.00	27.83 0.53 0.00	27.35 0.57 0.00	29.77 0.60 0.00	29.93 0.72 0.00	29.50 0.70 0.00	27.29 0.78 0.00	26.24 0.90 0.00	27.83 1.04 0.00	31.52 1.14 0.00	29.82 1.16 0.00	29.50 1.43 0.00	37.98 1.86 0.00	39.70 1.92 0.00	46.06 2.10 0.00	47.93 1.92 0.00	42.00 1.53 0.00	44.49 1.54 0.00	36.91 1.42 0.00	35.17 1.24 0.00	33.62 1.24 0.00
LOVETT___5 23593	37.96 1.16 0.00	32.34 0.87 0.00	30.90 0.60 0.00	29.88 0.51 0.00	27.83 0.53 0.00	27.35 0.57 0.00	29.77 0.60 0.00	29.93 0.72 0.00	29.50 0.70 0.00	27.29 0.78 0.00	26.24 0.90 0.00	27.83 1.04 0.00	31.52 1.14 0.00	29.82 1.16 0.00	29.50 1.43 0.00	37.98 1.86 0.00	39.70 1.92 0.00	46.06 2.10 0.00	47.93 1.92 0.00	42.00 1.53 0.00	44.49 1.54 0.00	36.91 1.42 0.00	35.17 1.24 0.00	33.62 1.24 0.00
LOWER RAQUET___HYD 24057	36.91 0.11 0.00	31.50 0.03 0.00	30.24 -0.06 0.00	29.19 -0.17 0.00	27.14 -0.16 0.00	26.61 -0.17 0.00	29.03 -0.14 0.00	29.07 -0.14 0.00	28.69 -0.11 0.00	26.42 -0.10 0.00	25.20 -0.14 0.00	26.59 -0.20 0.00	30.26 -0.11 0.00	28.44 -0.22 0.00	27.53 -0.53 0.00	35.33 -0.78 0.00	37.00 -0.79 0.00	43.28 -0.67 0.00	45.59 -0.42 0.00	40.27 -0.20 0.00	42.97 0.02 0.00	35.43 -0.06 0.00	34.04 0.10 0.00	32.23 -0.16 0.00
LOWER___HUDSON 24059	37.71 0.91 0.00	32.31 0.85 0.00	31.12 0.82 0.00	30.15 0.78 0.00	28.02 0.72 0.00	27.58 0.80 0.00	30.04 0.87 0.00	30.14 0.93 0.00	29.52 0.72 0.00	27.00 0.49 0.00	25.82 0.48 0.00	27.18 0.39 0.00	30.70 0.32 0.00	28.97 0.31 0.00	28.62 0.56 0.00	36.94 0.83 0.00	38.75 0.96 0.00	45.14 1.18 0.00	47.50 1.49 0.00	41.83 1.36 0.00	44.35 1.40 0.00	36.83 1.34 0.00	35.00 1.07 0.00	33.45 1.07 0.00
LOWVILLE_115KV_TB2 356335	38.06 1.26 0.00	32.44 0.97 0.00	31.15 0.86 0.00	30.16 0.79 0.00	28.04 0.74 0.00	27.51 0.73 0.00	30.03 0.86 0.00	30.06 0.84 0.00	29.37 0.58 0.00	26.85 0.34 0.00	25.57 0.23 0.00	27.01 0.22 0.00	30.70 0.32 0.00	28.99 0.33 0.00	28.37 0.31 0.00	36.61 0.50 0.00	38.53 0.74 0.00	45.16 1.21 0.00	47.77 1.76 0.00	42.32 1.85 0.00	44.96 2.01 0.00	37.01 1.53 0.00	35.26 1.33 0.00	33.49 1.11 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.26 1.46 0.00	32.72 1.25 0.00	31.48 1.18 0.00	30.47 1.11 0.00	28.31 1.02 0.00	27.86 1.08 0.00	30.40 1.23 0.00	30.48 1.26 0.00	29.82 1.02 0.00	27.26 0.75 0.00	26.00 0.66 0.00	27.39 0.61 0.00	30.99 0.61 0.00	29.25 0.59 0.00	28.91 0.85 0.00	37.38 1.26 0.00	39.40 1.61 0.00	46.05 2.09 0.00	48.81 2.80 0.00	42.86 2.39 0.00	45.32 2.37 0.00	37.51 2.02 0.00	35.62 1.69 0.00	33.98 1.60 0.00

LUTHERNY_35_KV_BK2 355980	38.27 1.47 0.00	32.71 1.24 0.00	31.48 1.18 0.00	30.46 1.09 0.00	28.29 0.99 0.00	27.86 1.08 0.00	30.43 1.26 0.00	30.49 1.28 0.00	29.82 1.02 0.00	27.28 0.77 0.00	26.02 0.68 0.00	27.40 0.61 0.00	31.00 0.63 0.00	29.27 0.60 0.00	28.92 0.86 0.00	37.41 1.29 0.00	39.44 1.65 0.00	46.12 2.16 0.00	48.86 2.85 0.00	42.89 2.42 0.00	45.34 2.39 0.00	37.51 2.02 0.00	35.63 1.70 0.00	33.98 1.60 0.00
LWR___OSWEGATCHIE_HYD 23850	37.48 0.67 0.00	31.97 0.50 0.00	30.69 0.39 0.00	29.66 0.29 0.00	27.57 0.28 0.00	27.05 0.27 0.00	29.52 0.35 0.00	29.54 0.33 0.00	29.00 0.20 0.00	26.59 0.08 0.00	25.34 0.00 0.00	26.76 -0.03 0.00	30.44 0.06 0.00	28.68 0.02 0.00	27.91 -0.15 0.00	35.93 -0.19 0.00	37.74 -0.05 0.00	44.23 0.28 0.00	46.72 0.71 0.00	41.35 0.88 0.00	44.01 1.05 0.00	36.26 0.77 0.00	34.67 0.74 0.00	32.87 0.49 0.00
LYONS_FALL_HYD 23570	37.89 1.08 0.00	32.31 0.84 0.00	31.04 0.74 0.00	30.06 0.70 0.00	27.94 0.64 0.00	27.42 0.64 0.00	29.92 0.75 0.00	29.96 0.74 0.00	29.32 0.52 0.00	26.85 0.34 0.00	25.60 0.26 0.00	27.07 0.27 0.00	30.73 0.35 0.00	29.04 0.38 0.00	28.47 0.41 0.00	36.73 0.62 0.00	38.61 0.82 0.00	45.17 1.22 0.00	47.64 1.63 0.00	42.10 1.63 0.00	44.68 1.72 0.00	36.80 1.31 0.00	35.07 1.14 0.00	33.34 0.95 0.00
MADISON___COUNTY_LFGE 323628	37.78 0.98 0.00	32.23 0.76 0.00	30.97 0.68 0.00	30.01 0.65 0.00	27.89 0.60 0.00	27.37 0.58 0.00	29.86 0.69 0.00	29.89 0.68 0.00	29.27 0.47 0.00	26.83 0.32 0.00	25.61 0.27 0.00	27.12 0.33 0.00	30.80 0.43 0.00	29.15 0.49 0.00	28.65 0.59 0.00	37.00 0.88 0.00	38.78 0.99 0.00	45.32 1.36 0.00	47.65 1.64 0.00	42.00 1.54 0.00	44.49 1.54 0.00	36.61 1.12 0.00	34.88 0.95 0.00	33.22 0.84 0.00
MALONE___115KV_TB1 356076	37.72 0.92 0.00	32.17 0.70 0.00	30.93 0.63 0.00	29.91 0.55 0.00	27.77 0.47 0.00	27.25 0.47 0.00	29.77 0.60 0.00	29.87 0.66 0.00	29.49 0.69 0.00	27.16 0.65 0.00	25.95 0.61 0.00	27.39 0.60 0.00	31.16 0.78 0.00	29.30 0.64 0.00	28.45 0.38 0.00	36.53 0.42 0.00	38.17 0.39 0.00	44.64 0.68 0.00	46.87 0.86 0.00	41.35 0.88 0.00	44.00 1.04 0.00	36.11 0.62 0.00	34.72 0.79 0.00	32.88 0.50 0.00
MAPLEWOD_115KV_TB3 80458	37.45 0.65 0.00	32.10 0.63 0.00	31.00 0.71 0.00	30.04 0.67 0.00	27.92 0.63 0.00	27.47 0.69 0.00	29.89 0.72 0.00	30.00 0.79 0.00	29.39 0.59 0.00	26.86 0.35 0.00	25.73 0.40 0.00	27.08 0.30 0.00	30.61 0.23 0.00	28.91 0.25 0.00	28.57 0.51 0.00	36.86 0.75 0.00	38.64 0.86 0.00	45.01 1.05 0.00	47.26 1.25 0.00	41.59 1.12 0.00	44.09 1.14 0.00	36.56 1.07 0.00	34.76 0.83 0.00	33.20 0.81 0.00
MAPLE_RIDGE_WT_1 323574	36.70 -0.10 0.00	31.38 -0.09 0.00	30.21 -0.08 0.00	29.27 -0.10 0.00	27.20 -0.09 0.00	26.67 -0.11 0.00	29.07 -0.11 0.00	29.10 -0.11 0.00	28.74 -0.05 0.00	26.51 -0.01 0.00	25.32 -0.02 0.00	26.75 -0.04 0.00	30.38 0.00 0.00	28.60 -0.06 0.00	27.86 -0.20 0.00	35.79 -0.33 0.00	37.45 -0.34 0.00	43.58 -0.38 0.00	45.65 -0.36 0.00	40.19 -0.28 0.00	42.77 -0.19 0.00	35.29 -0.20 0.00	33.84 -0.09 0.00	32.20 -0.19 0.00
MAPLE_RIDGE_WT_2 323611	36.70 -0.10 0.00	31.38 -0.09 0.00	30.21 -0.08 0.00	29.27 -0.10 0.00	27.20 -0.09 0.00	26.67 -0.11 0.00	29.07 -0.11 0.00	29.10 -0.11 0.00	28.74 -0.05 0.00	26.51 -0.01 0.00	25.32 -0.02 0.00	26.75 -0.04 0.00	30.38 0.00 0.00	28.60 -0.06 0.00	27.86 -0.20 0.00	35.79 -0.33 0.00	37.45 -0.34 0.00	43.58 -0.38 0.00	45.65 -0.36 0.00	40.19 -0.28 0.00	42.77 -0.19 0.00	35.29 -0.20 0.00	33.84 -0.09 0.00	32.20 -0.19 0.00
MARBLE_RIVER_WT_PWR 323696	37.86 1.06 0.00	32.27 0.81 0.00	31.07 0.77 0.00	30.05 0.68 0.00	27.88 0.59 0.00	27.40 0.63 0.00	29.93 0.75 0.00	30.04 0.83 0.00	29.60 0.81 0.00	27.27 0.76 0.00	26.07 0.73 0.00	27.50 0.71 0.00	31.27 0.89 0.00	29.45 0.79 0.00	28.67 0.61 0.00	36.82 0.70 0.00	38.44 0.65 0.00	44.85 0.89 0.00	46.98 0.97 0.00	41.40 0.93 0.00	44.00 1.04 0.00	36.05 0.56 0.00	34.71 0.78 0.00	32.94 0.55 0.00
MARSHVLE_115KV_TB1 80742	39.01 2.21 0.00	33.33 1.86 0.00	31.98 1.68 0.00	30.98 1.62 0.00	28.79 1.49 0.00	28.21 1.43 0.00	30.78 1.61 0.00	30.68 1.47 0.00	29.86 1.07 0.00	27.28 0.77 0.00	25.89 0.56 0.00	27.43 0.63 0.00	31.27 0.89 0.00	29.67 1.01 0.00	29.18 1.11 0.00	37.61 1.50 0.00	39.48 1.70 0.00	46.26 2.30 0.00	49.12 3.11 0.00	43.33 2.86 0.00	45.94 2.99 0.00	37.83 2.34 0.00	36.07 2.14 0.00	34.37 1.99 0.00
MARSH_HILL_WT_PWR 323713	37.81 1.01 0.00	32.12 0.65 0.00	30.78 0.48 0.00	29.82 0.45 0.00	27.73 0.44 0.00	27.14 0.36 0.00	29.83 0.65 0.00	29.93 0.71 0.00	29.06 0.27 0.00	27.04 0.53 0.00	25.74 0.41 0.00	27.47 0.68 0.00	31.17 0.79 0.00	29.47 0.81 0.00	28.97 0.90 0.00	37.61 1.49 0.00	39.27 1.48 0.00	45.82 1.87 0.00	48.25 2.24 0.00	42.66 2.19 0.00	44.54 1.58 0.00	36.14 0.64 0.00	34.31 0.38 0.00	33.14 0.75 0.00
MCINTYRE_115KV_TB2 80467	37.62 0.82 0.00	32.10 0.63 0.00	30.84 0.55 0.00	29.81 0.45 0.00	27.71 0.42 0.00	27.16 0.38 0.00	29.65 0.48 0.00	29.66 0.45 0.00	29.18 0.38 0.00	26.77 0.26 0.00	25.50 0.16 0.00	26.90 0.11 0.00	30.61 0.23 0.00	28.75 0.09 0.00	27.78 -0.28 0.00	35.64 -0.47 0.00	37.34 -0.45 0.00	43.80 -0.16 0.00	46.47 0.46 0.00	41.22 0.75 0.00	44.01 1.06 0.00	36.22 0.73 0.00	34.79 0.87 0.00	32.91 0.53 0.00
MECO_____69_KV_BK1 80468	39.18 2.38 0.00	33.45 1.98 0.00	32.11 1.81 0.00	31.10 1.73 0.00	28.91 1.61 0.00	28.36 1.58 0.00	30.95 1.78 0.00	30.90 1.69 0.00	30.07 1.27 0.00	27.19 0.68 0.00	25.56 0.23 0.00	26.99 0.20 0.00	30.70 0.32 0.00	29.09 0.43 0.00	28.63 0.57 0.00	36.94 0.82 0.00	38.98 1.20 0.00	46.15 2.20 0.00	49.54 3.53 0.00	43.84 3.37 0.00	46.47 3.52 0.00	38.24 2.75 0.00	36.37 2.44 0.00	34.63 2.25 0.00
MENANDS___115KV_TB5 355628	37.20 0.40 0.00	31.91 0.44 0.00	30.85 0.55 0.00	29.89 0.52 0.00	27.78 0.49 0.00	27.34 0.56 0.00	29.74 0.57 0.00	29.87 0.65 0.00	29.25 0.45 0.00	26.73 0.22 0.00	25.62 0.29 0.00	26.96 0.18 0.00	30.46 0.08 0.00	28.76 0.10 0.00	28.41 0.35 0.00	36.64 0.53 0.00	38.38 0.60 0.00	44.67 0.71 0.00	46.84 0.83 0.00	41.24 0.77 0.00	43.73 0.78 0.00	36.28 0.79 0.00	34.50 0.57 0.00	32.97 0.59 0.00
MG INDUSTRY___DRP 24185	37.34 0.54 0.00	31.99 0.53 0.00	30.93 0.63 0.00	30.00 0.64 0.00	27.89 0.60 0.00	27.42 0.64 0.00	29.84 0.67 0.00	29.89 0.68 0.00	29.22 0.42 0.00	26.66 0.15 0.00	25.56 0.22 0.00	26.92 0.13 0.00	30.42 0.04 0.00	28.71 0.06 0.00	28.33 0.27 0.00	36.51 0.40 0.00	38.24 0.45 0.00	44.62 0.67 0.00	46.85 0.84 0.00	41.29 0.82 0.00	43.80 0.85 0.00	36.28 0.79 0.00	34.54 0.61 0.00	33.01 0.63 0.00

MID___OSWEGATCHIE_HYD 23849	37.48 0.67 0.00	31.97 0.50 0.00	30.69 0.39 0.00	29.66 0.29 0.00	27.57 0.28 0.00	27.05 0.27 0.00	29.52 0.35 0.00	29.54 0.33 0.00	29.00 0.20 0.00	26.59 0.08 0.00	25.34 0.00 0.00	26.76 -0.03 0.00	30.44 0.06 0.00	28.68 0.02 0.00	27.91 -0.15 0.00	35.93 -0.19 0.00	37.74 -0.05 0.00	44.23 0.28 0.00	46.72 0.71 0.00	41.35 0.88 0.00	44.01 1.05 0.00	36.26 0.77 0.00	34.67 0.74 0.00	32.87 0.49 0.00
MID___RAQUETTE_HYD 23851	36.91 0.11 0.00	31.50 0.03 0.00	30.24 -0.06 0.00	29.19 -0.18 0.00	27.13 -0.16 0.00	26.61 -0.17 0.00	29.03 -0.14 0.00	29.07 -0.15 0.00	28.69 -0.11 0.00	26.42 -0.10 0.00	25.20 -0.14 0.00	26.59 -0.20 0.00	30.26 -0.11 0.00	28.44 -0.22 0.00	27.53 -0.53 0.00	35.33 -0.78 0.00	36.99 -0.79 0.00	43.28 -0.67 0.00	45.59 -0.42 0.00	40.27 -0.20 0.00	42.97 0.02 0.00	35.43 -0.06 0.00	34.03 0.10 0.00	32.23 -0.16 0.00
MILLIKEN___1 23584	37.46 0.66 0.00	31.95 0.48 0.00	30.71 0.42 0.00	29.76 0.39 0.00	27.65 0.35 0.00	27.10 0.32 0.00	29.60 0.42 0.00	29.65 0.43 0.00	29.05 0.25 0.00	26.68 0.17 0.00	25.41 0.08 0.00	26.92 0.13 0.00	30.58 0.21 0.00	28.94 0.28 0.00	28.47 0.41 0.00	36.85 0.73 0.00	38.60 0.81 0.00	45.16 1.20 0.00	47.48 1.47 0.00	41.88 1.41 0.00	44.33 1.38 0.00	36.43 0.93 0.00	34.66 0.73 0.00	33.05 0.67 0.00
MILLIKEN___2 23585	37.46 0.66 0.00	31.95 0.48 0.00	30.71 0.42 0.00	29.76 0.39 0.00	27.65 0.35 0.00	27.10 0.32 0.00	29.60 0.42 0.00	29.65 0.43 0.00	29.05 0.25 0.00	26.68 0.17 0.00	25.41 0.08 0.00	26.92 0.13 0.00	30.58 0.21 0.00	28.94 0.28 0.00	28.47 0.41 0.00	36.85 0.73 0.00	38.60 0.81 0.00	45.16 1.20 0.00	47.48 1.47 0.00	41.88 1.41 0.00	44.33 1.38 0.00	36.43 0.93 0.00	34.66 0.73 0.00	33.05 0.67 0.00
MILLIKEN___DIESEL 23629	37.46 0.66 0.00	31.95 0.48 0.00	30.71 0.42 0.00	29.76 0.39 0.00	27.65 0.35 0.00	27.10 0.32 0.00	29.60 0.42 0.00	29.65 0.43 0.00	29.05 0.25 0.00	26.68 0.17 0.00	25.41 0.08 0.00	26.92 0.13 0.00	30.58 0.21 0.00	28.94 0.28 0.00	28.47 0.41 0.00	36.85 0.73 0.00	38.60 0.81 0.00	45.16 1.20 0.00	47.48 1.47 0.00	41.88 1.41 0.00	44.33 1.38 0.00	36.43 0.93 0.00	34.66 0.73 0.00	33.05 0.67 0.00
MILLSEAT___LFGE 323607	36.09 -0.71 0.00	30.76 -0.71 0.00	29.62 -0.68 0.00	28.65 -0.72 0.00	26.51 -0.78 0.00	25.97 -0.81 0.00	28.47 -0.70 0.00	28.53 -0.68 0.00	27.92 -0.88 0.00	25.93 -0.58 0.00	24.79 -0.54 0.00	26.34 -0.45 0.00	30.07 -0.31 0.00	28.26 -0.40 0.00	27.98 -0.09 0.00	36.02 -0.09 0.00	37.52 -0.27 0.00	43.38 -0.57 0.00	45.49 -0.52 0.00	40.07 -0.40 0.00	42.42 -0.54 0.00	34.65 -0.84 0.00	33.08 -0.85 0.00	31.74 -0.64 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.12 1.32 0.00	32.48 1.01 0.00	31.05 0.76 0.00	30.03 0.66 0.00	27.96 0.67 0.00	27.48 0.70 0.00	29.93 0.76 0.00	30.08 0.87 0.00	29.64 0.84 0.00	27.42 0.91 0.00	26.36 1.03 0.00	27.94 1.16 0.00	31.66 1.28 0.00	29.95 1.30 0.00	29.63 1.57 0.00	38.14 2.02 0.00	39.85 2.07 0.00	46.23 2.27 0.00	48.10 2.09 0.00	42.18 1.71 0.00	44.70 1.74 0.00	37.09 1.60 0.00	35.34 1.41 0.00	33.77 1.39 0.00
MILLWOOD_13_KV_LOAD 356217	38.21 1.41 0.00	32.56 1.08 0.00	31.13 0.83 0.00	30.09 0.72 0.00	28.02 0.73 0.00	27.54 0.76 0.00	29.99 0.82 0.00	30.16 0.94 0.00	29.72 0.92 0.00	27.48 0.97 0.00	26.43 1.09 0.00	28.02 1.23 0.00	31.75 1.37 0.00	30.05 1.39 0.00	29.72 1.66 0.00	38.27 2.15 0.00	39.99 2.21 0.00	46.38 2.43 0.00	48.26 2.25 0.00	42.31 1.84 0.00	44.83 1.88 0.00	37.20 1.71 0.00	35.43 1.51 0.00	33.86 1.48 0.00
MODEL_CITY_ENERGY 24167	35.01 -1.79 0.00	29.89 -1.58 0.00	28.80 -1.49 0.00	27.88 -1.49 0.00	25.79 -1.50 0.00	25.25 -1.53 0.00	27.69 -1.48 0.00	27.72 -1.50 0.00	27.14 -1.66 0.00	25.30 -1.21 0.00	24.24 -1.10 0.00	25.71 -1.08 0.00	29.27 -1.10 0.00	27.46 -1.20 0.00	27.06 -1.00 0.00	34.96 -1.16 0.00	36.37 -1.42 0.00	41.80 -2.16 0.00	43.61 -2.40 0.00	38.40 -2.07 0.00	40.70 -2.25 0.00	33.30 -2.20 0.00	31.88 -2.05 0.00	30.69 -1.69 0.00
MODERN_LFGE___ 323580	35.01 -1.79 0.00	29.89 -1.58 0.00	28.80 -1.49 0.00	27.88 -1.49 0.00	25.79 -1.50 0.00	25.25 -1.53 0.00	27.69 -1.48 0.00	27.72 -1.50 0.00	27.14 -1.66 0.00	25.30 -1.21 0.00	24.24 -1.10 0.00	25.71 -1.08 0.00	29.27 -1.10 0.00	27.46 -1.20 0.00	27.06 -1.00 0.00	34.96 -1.16 0.00	36.37 -1.42 0.00	41.80 -2.16 0.00	43.61 -2.40 0.00	38.40 -2.07 0.00	40.70 -2.25 0.00	33.30 -2.20 0.00	31.88 -2.05 0.00	30.69 -1.69 0.00
MOHAWK_PAPER___DRP 24187	37.45 0.65 0.00	32.10 0.63 0.00	31.00 0.71 0.00	30.04 0.67 0.00	27.92 0.63 0.00	27.47 0.69 0.00	29.89 0.72 0.00	30.00 0.79 0.00	29.39 0.59 0.00	26.86 0.35 0.00	25.73 0.40 0.00	27.08 0.30 0.00	30.61 0.23 0.00	28.91 0.25 0.00	28.57 0.51 0.00	36.86 0.75 0.00	38.64 0.86 0.00	45.01 1.05 0.00	47.26 1.25 0.00	41.59 1.12 0.00	44.09 1.14 0.00	36.56 1.07 0.00	34.76 0.83 0.00	33.20 0.81 0.00
MOHICAN___35_KV_115KV_LD 80490	38.60 1.81 0.00	33.01 1.53 0.00	31.69 1.39 0.00	30.61 1.25 0.00	28.42 1.13 0.00	28.01 1.23 0.00	30.62 1.45 0.00	30.73 1.52 0.00	30.02 1.22 0.00	27.33 0.82 0.00	25.95 0.61 0.00	27.31 0.52 0.00	30.89 0.51 0.00	29.13 0.48 0.00	28.86 0.80 0.00	37.42 1.30 0.00	39.74 1.96 0.00	46.51 2.56 0.00	49.97 3.96 0.00	44.05 3.58 0.00	46.86 3.91 0.00	39.16 3.67 0.00	36.80 2.87 0.00	34.93 2.55 0.00
MONGAUP___HYD 23641	38.16 1.36 0.00	32.51 1.04 0.00	31.13 0.83 0.00	30.11 0.75 0.00	28.03 0.73 0.00	27.54 0.76 0.00	30.00 0.82 0.00	30.12 0.91 0.00	29.58 0.77 0.00	27.18 0.67 0.00	25.94 0.61 0.00	27.42 0.63 0.00	31.07 0.69 0.00	29.39 0.73 0.00	29.02 0.97 0.00	37.46 1.34 0.00	39.33 1.55 0.00	45.99 2.04 0.00	48.19 2.18 0.00	42.41 1.95 0.00	45.03 2.08 0.00	37.26 1.77 0.00	35.44 1.51 0.00	33.82 1.43 0.00
MONTAUK___DIESEL 23721	40.05 3.25 0.00	33.99 2.52 0.00	32.40 2.10 0.00	31.19 1.82 0.00	29.04 1.74 0.00	28.54 1.76 0.00	31.51 2.33 0.00	31.49 2.27 0.00	31.01 2.21 0.00	28.83 2.32 0.00	27.75 2.41 0.00	30.62 2.73 -1.11	34.97 3.19 -1.40	35.40 3.24 -3.49	34.55 3.52 -2.96	40.50 4.38 0.00	42.57 4.79 0.00	49.21 5.25 0.00	50.14 4.13 0.00	43.96 3.49 0.00	46.61 3.66 0.00	37.98 2.49 0.00	36.28 2.35 0.00	34.74 2.35 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.47 -0.33 0.00	30.91 -0.56 0.00	29.71 -0.59 0.00	28.66 -0.71 0.00	26.53 -0.76 0.00	25.89 -0.89 0.00	28.50 -0.67 0.00	28.77 -0.44 0.00	28.31 -0.49 0.00	26.65 0.13 0.00	25.59 0.25 0.00	27.30 0.51 0.00	31.08 0.70 0.00	29.28 0.63 0.00	28.85 0.79 0.00	37.47 1.36 0.00	38.86 1.07 0.00	44.99 1.04 0.00	46.82 0.81 0.00	41.27 0.80 0.00	43.72 0.77 0.00	35.51 0.02 0.00	33.61 -0.32 0.00	32.21 -0.18 0.00

MORRIS RIDGE___SOLAR 323848	36.00 -0.81 0.00	30.68 -0.79 0.00	29.53 -0.77 0.00	28.62 -0.75 0.00	26.51 -0.78 0.00	25.96 -0.82 0.00	28.49 -0.69 0.00	28.58 -0.64 0.00	27.96 -0.84 0.00	26.05 -0.46 0.00	24.96 -0.38 0.00	26.55 -0.24 0.00	30.22 -0.16 0.00	28.50 -0.16 0.00	28.05 -0.01 0.00	36.38 0.27 0.00	37.80 0.02 0.00	43.80 -0.15 0.00	45.60 -0.41 0.00	40.22 -0.25 0.00	42.56 -0.39 0.00	34.71 -0.78 0.00	33.11 -0.81 0.00	31.72 -0.66 0.00
MORTIMER_115KV_TB3 55949	36.07 -0.73 0.00	30.79 -0.68 0.00	29.64 -0.66 0.00	28.68 -0.68 0.00	26.59 -0.71 0.00	26.07 -0.71 0.00	28.51 -0.66 0.00	28.56 -0.65 0.00	28.00 -0.79 0.00	25.95 -0.56 0.00	24.83 -0.50 0.00	26.38 -0.40 0.00	30.06 -0.32 0.00	28.36 -0.30 0.00	27.86 -0.20 0.00	36.12 0.00 0.00	37.69 -0.09 0.00	43.65 -0.30 0.00	45.70 -0.31 0.00	40.13 -0.34 0.00	42.51 -0.44 0.00	34.81 -0.68 0.00	33.21 -0.71 0.00	31.78 -0.60 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.48 1.68 0.00	32.78 1.31 0.00	31.32 1.02 0.00	30.27 0.91 0.00	28.20 0.91 0.00	27.72 0.94 0.00	30.19 1.01 0.00	30.35 1.14 0.00	29.94 1.14 0.00	27.72 1.20 0.00	26.67 1.33 0.00	28.27 1.48 0.00	32.04 1.66 0.00	30.32 1.66 0.00	30.01 1.95 0.00	38.60 2.48 0.00	40.30 2.51 0.00	46.67 2.71 0.00	48.53 2.52 0.00	42.55 2.08 0.00	45.12 2.17 0.00	37.47 1.98 0.00	35.70 1.77 0.00	34.10 1.72 0.00
MUNSVILLE_WIND_PWR 323609	39.30 2.50 0.00	33.41 1.94 0.00	32.11 1.81 0.00	30.99 1.63 0.00	28.84 1.54 0.00	28.33 1.55 0.00	30.99 1.82 0.00	31.05 1.84 0.00	30.30 1.50 0.00	27.78 1.27 0.00	26.32 0.99 0.00	27.90 1.12 0.00	31.75 1.37 0.00	30.05 1.39 0.00	29.60 1.54 0.00	38.39 2.28 0.00	40.52 2.73 0.00	47.60 3.65 0.00	50.34 4.33 0.00	44.42 3.95 0.00	47.00 4.05 0.00	38.41 2.92 0.00	36.47 2.54 0.00	34.71 2.33 0.00
N SALMON___HYD 24042	37.72 0.92 0.00	32.17 0.70 0.00	30.93 0.64 0.00	29.91 0.55 0.00	27.77 0.47 0.00	27.25 0.47 0.00	29.78 0.60 0.00	29.87 0.66 0.00	29.49 0.69 0.00	27.16 0.65 0.00	25.95 0.61 0.00	27.39 0.60 0.00	31.16 0.78 0.00	29.30 0.64 0.00	28.45 0.38 0.00	36.53 0.42 0.00	38.17 0.38 0.00	44.64 0.68 0.00	46.87 0.86 0.00	41.35 0.88 0.00	44.00 1.04 0.00	36.11 0.62 0.00	34.72 0.79 0.00	32.88 0.50 0.00
N.AKRON__115KV_KNAPP 355671	35.94 -0.86 0.00	30.64 -0.83 0.00	29.51 -0.79 0.00	28.54 -0.83 0.00	26.41 -0.88 0.00	25.87 -0.90 0.00	28.37 -0.80 0.00	28.42 -0.80 0.00	27.82 -0.98 0.00	25.87 -0.64 0.00	24.77 -0.57 0.00	26.28 -0.50 0.00	30.15 -0.23 0.00	28.20 -0.46 0.00	28.21 0.15 0.00	35.99 -0.13 0.00	37.41 -0.37 0.00	43.18 -0.78 0.00	45.21 -0.80 0.00	39.80 -0.67 0.00	42.15 -0.80 0.00	34.42 -1.07 0.00	32.90 -1.03 0.00	31.59 -0.80 0.00
N.BELMOR_69_KV_BK1 55787	38.98 2.18 0.00	33.13 1.67 0.00	31.58 1.28 0.00	30.48 1.11 0.00	28.37 1.07 0.00	27.85 1.08 0.00	30.47 1.30 0.00	30.60 1.39 0.00	30.19 1.39 0.00	27.96 1.45 0.00	26.96 1.63 0.00	31.30 1.87 -2.65	35.40 2.14 -2.88	34.35 2.14 -3.55	33.47 2.41 -3.00	39.06 2.95 0.00	40.79 3.00 0.00	47.20 3.25 0.00	48.79 2.78 0.00	42.70 2.23 0.00	45.47 2.52 0.00	37.59 2.10 0.00	35.89 1.96 0.00	34.45 2.06 0.00
N.E_GEN_SANDY PD 24062	37.67 0.86 0.00	32.23 0.77 0.00	30.97 0.67 0.00	29.98 0.61 0.00	27.88 0.59 0.00	27.43 0.65 0.00	29.89 0.71 0.00	30.07 0.79 -0.06	29.44 0.64 0.00	27.03 0.52 0.00	25.93 0.59 0.00	27.31 0.52 0.00	30.85 0.47 0.00	28.96 0.47 0.17	28.86 0.75 -0.05	37.12 1.01 0.00	38.88 1.10 0.00	45.17 1.22 0.00	46.37 1.24 0.87	43.94 1.14 -2.33	43.40 1.14 0.70	39.33 1.18 -2.66	34.61 0.95 0.27	33.57 0.99 -0.19
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.03 1.23 0.00	32.39 0.92 0.00	30.96 0.66 0.00	29.93 0.56 0.00	27.88 0.58 0.00	27.39 0.61 0.00	29.82 0.65 0.00	29.98 0.77 0.00	29.55 0.74 0.00	27.34 0.82 0.00	26.28 0.95 0.00	27.88 1.10 0.00	31.59 1.21 0.00	29.89 1.23 0.00	29.58 1.52 0.00	38.09 1.98 0.00	39.82 2.04 0.00	46.19 2.24 0.00	48.06 2.05 0.00	42.10 1.63 0.00	44.60 1.64 0.00	36.99 1.50 0.00	35.24 1.31 0.00	33.68 1.30 0.00
N.QUEENS_27_KV_LOAD 356247	38.63 1.83 0.00	32.87 1.41 0.00	31.35 1.05 0.00	30.34 0.98 0.00	28.30 1.00 0.00	27.78 1.00 0.00	30.24 1.07 0.00	30.43 1.21 0.00	30.08 1.28 0.00	27.84 1.33 0.00	26.74 1.41 0.00	28.39 1.60 0.00	32.14 1.77 0.00	30.42 1.77 0.00	30.13 2.07 0.00	38.68 2.56 0.00	40.37 2.58 0.00	46.75 2.80 0.00	48.59 2.58 0.00	42.58 2.12 0.00	45.22 2.27 0.00	37.57 2.07 0.00	35.77 1.84 0.00	34.21 1.82 0.00
N.TROY___115KV_TB1 355778	37.71 0.91 0.00	32.31 0.84 0.00	31.12 0.82 0.00	30.15 0.78 0.00	28.02 0.73 0.00	27.58 0.80 0.00	30.04 0.87 0.00	30.14 0.93 0.00	29.52 0.72 0.00	27.00 0.49 0.00	25.82 0.49 0.00	27.18 0.39 0.00	30.70 0.32 0.00	28.97 0.31 0.00	28.62 0.56 0.00	36.94 0.83 0.00	38.76 0.97 0.00	45.14 1.18 0.00	47.50 1.49 0.00	41.83 1.36 0.00	44.35 1.40 0.00	36.83 1.34 0.00	35.00 1.07 0.00	33.45 1.07 0.00
NARROWS_GT1_1 24228	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT1_2 24229	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT1_3 24230	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT1_4 24231	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00

NARROWS_GT1_5 24232	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT1_6 24233	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT1_7 24234	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT1_8 24235	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT2_1 24236	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT2_2 24237	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT2_3 24238	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT2_4 24239	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT2_5 24240	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT2_6 24241	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT2_7 24242	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NARROWS_GT2_8 24243	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.78 2.32 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.97 1.17 0.00	32.56 1.09 0.00	31.56 1.26 0.00	30.61 1.25 0.00	28.45 1.15 0.00	27.99 1.21 0.00	30.48 1.31 0.00	30.59 1.38 0.00	29.83 1.03 0.00	27.00 0.49 0.00	25.80 0.47 0.00	27.08 0.29 0.00	30.59 0.21 0.00	28.88 0.22 0.00	28.55 0.49 0.00	36.89 0.78 0.00	38.82 1.03 0.00	45.64 1.69 0.00	48.25 2.24 0.00	42.63 2.16 0.00	45.12 2.17 0.00	37.27 1.78 0.00	35.34 1.41 0.00	33.69 1.31 0.00
NCHELSEA_115KV_TR2 355582	38.34 1.54 0.00	32.66 1.19 0.00	31.26 0.96 0.00	30.23 0.86 0.00	28.14 0.85 0.00	27.64 0.86 0.00	30.12 0.95 0.00	30.26 1.05 0.00	29.81 1.01 0.00	27.54 1.02 0.00	26.45 1.12 0.00	28.03 1.25 0.00	31.78 1.40 0.00	30.11 1.45 0.00	29.80 1.74 0.00	38.42 2.30 0.00	40.21 2.42 0.00	46.71 2.75 0.00	48.65 2.64 0.00	42.66 2.19 0.00	45.16 2.21 0.00	37.42 1.93 0.00	35.60 1.67 0.00	33.99 1.60 0.00
NEG CAPITAL___MECHNVIL 23645	38.28 1.48 0.00	32.74 1.27 0.00	31.49 1.19 0.00	30.49 1.13 0.00	28.33 1.03 0.00	27.88 1.10 0.00	30.41 1.24 0.00	30.50 1.28 0.00	29.87 1.07 0.00	27.30 0.78 0.00	26.05 0.72 0.00	27.45 0.66 0.00	31.05 0.68 0.00	29.33 0.67 0.00	29.00 0.94 0.00	37.48 1.37 0.00	39.48 1.70 0.00	46.13 2.18 0.00	48.83 2.82 0.00	42.92 2.46 0.00	45.40 2.45 0.00	37.55 2.06 0.00	35.66 1.73 0.00	34.00 1.62 0.00

NEG CENTRAL_HIGH_ACRES 23767	35.63 -1.17 0.00	30.42 -1.05 0.00	29.27 -1.03 0.00	28.35 -1.02 0.00	26.28 -1.01 0.00	25.76 -1.02 0.00	28.16 -1.01 0.00	28.19 -1.02 0.00	27.66 -1.14 0.00	25.61 -0.90 0.00	24.48 -0.85 0.00	26.03 -0.75 0.00	29.62 -0.76 0.00	27.97 -0.69 0.00	27.47 -0.59 0.00	35.60 -0.52 0.00	37.22 -0.57 0.00	43.20 -0.76 0.00	45.20 -0.81 0.00	39.65 -0.82 0.00	41.99 -0.97 0.00	34.41 -1.08 0.00	32.81 -1.12 0.00	31.37 -1.02 0.00
NEG CENTRAL___DRP 24199	36.59 -0.21 0.00	31.21 -0.26 0.00	30.06 -0.24 0.00	29.14 -0.23 0.00	27.03 -0.27 0.00	26.52 -0.26 0.00	28.97 -0.20 0.00	29.02 -0.19 0.00	28.43 -0.36 0.00	26.23 -0.28 0.00	24.98 -0.35 0.00	26.53 -0.26 0.00	30.14 -0.24 0.00	28.54 -0.12 0.00	28.03 -0.04 0.00	36.24 0.13 0.00	37.94 0.15 0.00	44.26 0.31 0.00	46.37 0.36 0.00	40.78 0.31 0.00	43.19 0.24 0.00	35.49 0.00 0.00	33.78 -0.15 0.00	32.26 -0.12 0.00
NEG CENTRAL___INDECK 23768	37.17 0.36 0.00	31.65 0.18 0.00	30.44 0.14 0.00	29.46 0.10 0.00	27.31 0.02 0.00	26.78 0.01 0.00	29.36 0.19 0.00	29.47 0.25 0.00	28.73 -0.07 0.00	26.38 -0.13 0.00	25.24 -0.09 0.00	26.88 0.09 0.00	30.60 0.22 0.00	28.85 0.19 0.00	28.39 0.32 0.00	36.80 0.69 0.00	38.37 0.58 0.00	44.55 0.59 0.00	46.98 0.97 0.00	41.77 1.30 0.00	44.27 1.32 0.00	36.09 0.60 0.00	34.37 0.44 0.00	32.80 0.42 0.00
NEG CENTRAL___SENECA 23627	36.64 -0.16 0.00	31.24 -0.23 0.00	30.05 -0.25 0.00	29.12 -0.25 0.00	27.03 -0.27 0.00	26.49 -0.28 0.00	29.00 -0.18 0.00	29.06 -0.15 0.00	28.44 -0.36 0.00	26.28 -0.23 0.00	25.06 -0.28 0.00	26.62 -0.16 0.00	30.27 -0.10 0.00	28.65 -0.01 0.00	28.14 0.08 0.00	36.40 0.29 0.00	38.08 0.30 0.00	44.50 0.54 0.00	46.60 0.59 0.00	41.02 0.55 0.00	43.40 0.45 0.00	35.66 0.17 0.00	33.90 -0.04 0.00	32.37 -0.01 0.00
NEG CENTRAL___STATE_STREET 24147	36.99 0.19 0.00	31.49 0.02 0.00	30.42 0.12 0.00	29.51 0.14 0.00	27.29 0.00 0.00	26.86 0.08 0.00	29.31 0.13 0.00	29.35 0.14 0.00	28.78 -0.02 0.00	26.48 -0.03 0.00	25.12 -0.21 0.00	26.70 -0.08 0.00	30.27 -0.11 0.00	28.73 0.08 0.00	28.13 0.07 0.00	36.47 0.36 0.00	38.23 0.45 0.00	44.51 0.56 0.00	46.70 0.69 0.00	40.90 0.43 0.00	43.46 0.50 0.00	35.71 0.22 0.00	34.03 0.10 0.00	32.53 0.14 0.00
NEG MILLWOOD___DRP 24198	38.43 1.63 0.00	32.73 1.27 0.00	31.32 1.02 0.00	30.28 0.91 0.00	28.19 0.89 0.00	27.70 0.92 0.00	30.18 1.01 0.00	30.34 1.13 0.00	29.91 1.11 0.00	27.65 1.14 0.00	26.58 1.25 0.00	28.18 1.39 0.00	31.94 1.56 0.00	30.27 1.61 0.00	29.96 1.90 0.00	38.60 2.49 0.00	40.38 2.59 0.00	46.88 2.93 0.00	48.79 2.78 0.00	42.77 2.31 0.00	45.30 2.34 0.00	37.53 2.04 0.00	35.71 1.78 0.00	34.09 1.70 0.00
NEG NORTH_FLCN_SEA 23793	38.67 1.86 0.00	32.91 1.44 0.00	31.69 1.39 0.00	30.61 1.24 0.00	28.39 1.09 0.00	27.95 1.17 0.00	30.57 1.39 0.00	30.73 1.52 0.00	30.18 1.38 0.00	27.77 1.26 0.00	26.58 1.24 0.00	28.01 1.22 0.00	31.87 1.49 0.00	30.05 1.39 0.00	29.35 1.29 0.00	37.72 1.61 0.00	39.35 1.56 0.00	45.90 1.95 0.00	48.08 2.07 0.00	42.41 1.94 0.00	45.05 2.10 0.00	36.77 1.28 0.00	35.43 1.50 0.00	33.63 1.25 0.00
NEG NORTH_KES_CHATEGAY 23792	37.72 0.91 0.00	32.14 0.68 0.00	30.94 0.64 0.00	29.94 0.57 0.00	27.77 0.48 0.00	27.28 0.50 0.00	29.80 0.63 0.00	29.89 0.68 0.00	29.49 0.69 0.00	27.15 0.64 0.00	25.93 0.60 0.00	27.36 0.57 0.00	31.12 0.74 0.00	29.28 0.61 0.00	28.48 0.42 0.00	36.52 0.41 0.00	38.16 0.38 0.00	44.57 0.61 0.00	46.75 0.74 0.00	41.21 0.74 0.00	43.84 0.89 0.00	35.94 0.45 0.00	34.61 0.67 0.00	32.82 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	38.60 1.80 0.00	32.86 1.39 0.00	31.63 1.34 0.00	30.56 1.20 0.00	28.35 1.05 0.00	27.90 1.12 0.00	30.51 1.33 0.00	30.66 1.45 0.00	30.15 1.35 0.00	27.74 1.23 0.00	26.54 1.20 0.00	27.97 1.18 0.00	31.83 1.45 0.00	29.98 1.33 0.00	29.26 1.20 0.00	37.62 1.51 0.00	39.25 1.46 0.00	45.88 1.92 0.00	48.10 2.08 0.00	42.41 1.94 0.00	45.06 2.10 0.00	36.79 1.30 0.00	35.41 1.49 0.00	33.61 1.22 0.00
NEG NORTH___LWR_SARANAC 23913	38.60 1.80 0.00	32.86 1.39 0.00	31.63 1.34 0.00	30.56 1.20 0.00	28.35 1.05 0.00	27.90 1.12 0.00	30.51 1.33 0.00	30.66 1.45 0.00	30.15 1.35 0.00	27.74 1.23 0.00	26.54 1.20 0.00	27.97 1.18 0.00	31.83 1.45 0.00	29.98 1.33 0.00	29.26 1.20 0.00	37.62 1.51 0.00	39.25 1.46 0.00	45.88 1.92 0.00	48.10 2.08 0.00	42.41 1.94 0.00	45.06 2.10 0.00	36.79 1.30 0.00	35.41 1.49 0.00	33.61 1.22 0.00
NEG NORTH___PLATTSBURG 23628	38.60 1.80 0.00	32.86 1.39 0.00	31.64 1.34 0.00	30.56 1.20 0.00	28.35 1.05 0.00	27.90 1.12 0.00	30.51 1.33 0.00	30.66 1.45 0.00	30.15 1.35 0.00	27.74 1.23 0.00	26.54 1.20 0.00	27.97 1.18 0.00	31.83 1.45 0.00	29.98 1.33 0.00	29.26 1.20 0.00	37.62 1.51 0.00	39.25 1.46 0.00	45.88 1.92 0.00	48.10 2.08 0.00	42.41 1.94 0.00	45.05 2.10 0.00	36.79 1.30 0.00	35.42 1.49 0.00	33.61 1.22 0.00
NEG WEST_LEA_LOCKPORT 23791	35.35 -1.46 0.00	30.16 -1.31 0.00	29.06 -1.24 0.00	28.12 -1.25 0.00	26.02 -1.27 0.00	25.47 -1.31 0.00	27.94 -1.23 0.00	27.98 -1.23 0.00	27.40 -1.40 0.00	25.55 -0.96 0.00	24.46 -0.87 0.00	25.95 -0.83 0.00	29.63 -0.75 0.00	27.80 -0.86 0.00	27.42 -0.63 0.00	35.43 -0.68 0.00	36.83 -0.95 0.00	42.38 -1.58 0.00	44.23 -1.78 0.00	38.92 -1.55 0.00	41.26 -1.69 0.00	33.72 -1.77 0.00	32.29 -1.65 0.00	31.05 -1.33 0.00
NEG WEST___LANCASTER 23811	36.47 -0.33 0.00	31.05 -0.42 0.00	29.89 -0.40 0.00	29.00 -0.37 0.00	26.83 -0.46 0.00	26.32 -0.46 0.00	28.82 -0.35 0.00	28.90 -0.32 0.00	28.33 -0.47 0.00	26.49 -0.03 0.00	25.37 0.03 0.00	26.95 0.16 0.00	30.69 0.31 0.00	28.89 0.23 0.00	28.45 0.39 0.00	36.91 0.79 0.00	38.30 0.51 0.00	44.24 0.29 0.00	46.04 0.03 0.00	40.52 0.05 0.00	42.94 -0.01 0.00	35.04 -0.45 0.00	33.50 -0.43 0.00	32.15 -0.23 0.00
NEG_PENN_ALLEGHNY 23528	36.82 0.02 0.00	31.39 -0.08 0.00	30.19 -0.11 0.00	29.27 -0.10 0.00	27.21 -0.09 0.00	26.67 -0.11 0.00	29.11 -0.06 0.00	29.17 -0.04 0.00	28.61 -0.19 0.00	26.48 -0.03 0.00	25.32 -0.01 0.00	26.89 0.10 0.00	30.52 0.14 0.00	28.87 0.21 0.00	28.42 0.36 0.00	36.77 0.66 0.00	38.34 0.55 0.00	44.68 0.73 0.00	46.59 0.58 0.00	41.01 0.54 0.00	43.45 0.50 0.00	35.73 0.24 0.00	34.04 0.11 0.00	32.50 0.12 0.00
NEG___GEN_MONROE 24207	36.30 -0.50 0.00	30.97 -0.50 0.00	29.80 -0.50 0.00	28.85 -0.52 0.00	26.72 -0.57 0.00	26.21 -0.57 0.00	28.67 -0.51 0.00	28.72 -0.49 0.00	28.14 -0.66 0.00	26.05 -0.46 0.00	24.90 -0.43 0.00	26.45 -0.34 0.00	30.15 -0.23 0.00	28.45 -0.21 0.00	27.98 -0.08 0.00	36.26 0.14 0.00	37.85 0.06 0.00	43.87 -0.08 0.00	46.01 0.00 0.00	40.45 -0.02 0.00	42.84 -0.12 0.00	35.05 -0.45 0.00	33.43 -0.50 0.00	31.98 -0.41 0.00

NEPA___ENERGY 23901	35.88 -0.92 0.00	30.46 -1.01 0.00	29.27 -1.02 0.00	28.36 -1.00 0.00	26.28 -1.01 0.00	25.73 -1.05 0.00	28.23 -0.94 0.00	28.37 -0.84 0.00	27.74 -1.05 0.00	26.02 -0.49 0.00	24.99 -0.35 0.00	26.69 -0.09 0.00	30.36 -0.02 0.00	28.64 -0.02 0.00	28.18 0.12 0.00	36.67 0.55 0.00	37.93 0.14 0.00	44.00 0.05 0.00	45.56 -0.45 0.00	40.20 -0.27 0.00	42.60 -0.35 0.00	34.70 -0.79 0.00	33.07 -0.86 0.00	31.70 -0.68 0.00
NEVERSink___HYD 23608	37.19 0.39 0.00	31.66 0.19 0.00	30.29 0.00 0.00	29.30 -0.07 0.00	27.28 -0.01 0.00	26.79 0.01 0.00	29.19 0.01 0.00	29.33 0.11 0.00	28.89 0.09 0.00	26.66 0.15 0.00	25.58 0.25 0.00	27.08 0.29 0.00	30.70 0.33 0.00	29.07 0.41 0.00	28.71 0.65 0.00	37.07 0.95 0.00	38.82 1.03 0.00	45.21 1.25 0.00	47.20 1.19 0.00	41.41 0.94 0.00	43.86 0.91 0.00	36.31 0.82 0.00	34.57 0.64 0.00	32.97 0.59 0.00
NEWKRMKL_115KV_TB1 55635	37.05 0.25 0.00	31.78 0.31 0.00	30.77 0.47 0.00	29.81 0.45 0.00	27.72 0.43 0.00	27.27 0.49 0.00	29.67 0.49 0.00	29.79 0.57 0.00	29.17 0.37 0.00	26.62 0.11 0.00	25.53 0.19 0.00	26.87 0.08 0.00	30.36 -0.02 0.00	28.68 0.02 0.00	28.33 0.26 0.00	36.54 0.42 0.00	38.28 0.50 0.00	44.58 0.62 0.00	46.75 0.73 0.00	41.14 0.67 0.00	43.61 0.65 0.00	36.15 0.66 0.00	34.38 0.45 0.00	32.84 0.45 0.00
NEWTON___FALLS_HYD 23847	37.48 0.67 0.00	31.97 0.50 0.00	30.69 0.39 0.00	29.66 0.29 0.00	27.57 0.28 0.00	27.05 0.27 0.00	29.52 0.35 0.00	29.54 0.33 0.00	29.00 0.20 0.00	26.59 0.08 0.00	25.34 0.00 0.00	26.76 -0.03 0.00	30.44 0.06 0.00	28.68 0.02 0.00	27.91 -0.15 0.00	35.93 -0.19 0.00	37.74 -0.05 0.00	44.23 0.28 0.00	46.72 0.71 0.00	41.35 0.88 0.00	44.01 1.05 0.00	36.26 0.77 0.00	34.67 0.74 0.00	32.87 0.49 0.00
NGRID_A1_DSASP 323792	34.63 -2.17 0.00	29.60 -1.87 0.00	28.55 -1.75 0.00	27.63 -1.74 0.00	25.56 -1.74 0.00	25.02 -1.75 0.00	27.42 -1.75 0.00	27.46 -1.75 0.00	26.90 -1.90 0.00	25.09 -1.42 0.00	24.05 -1.29 0.00	25.61 -1.18 0.00	29.14 -1.24 0.00	27.34 -1.32 0.00	26.88 -1.19 0.00	34.77 -1.34 0.00	36.13 -1.65 0.00	41.47 -2.49 0.00	43.23 -2.77 0.00	38.04 -2.43 0.00	40.37 -2.59 0.00	33.00 -2.49 0.00	31.76 -2.17 0.00	30.64 -1.75 0.00
NGRID_A2_DSASP 323793	34.63 -2.17 0.00	29.60 -1.87 0.00	28.55 -1.75 0.00	27.63 -1.74 0.00	25.56 -1.74 0.00	25.02 -1.75 0.00	27.42 -1.75 0.00	27.46 -1.75 0.00	26.90 -1.90 0.00	25.09 -1.42 0.00	24.05 -1.29 0.00	25.61 -1.18 0.00	29.14 -1.24 0.00	27.34 -1.32 0.00	26.88 -1.19 0.00	34.77 -1.34 0.00	36.13 -1.65 0.00	41.47 -2.49 0.00	43.23 -2.77 0.00	38.04 -2.43 0.00	40.37 -2.59 0.00	33.00 -2.49 0.00	31.76 -2.17 0.00	30.64 -1.75 0.00
NGRID_A4_DSASP 323807	34.63 -2.17 0.00	29.60 -1.87 0.00	28.55 -1.75 0.00	27.63 -1.74 0.00	25.56 -1.74 0.00	25.02 -1.75 0.00	27.42 -1.75 0.00	27.46 -1.75 0.00	26.90 -1.90 0.00	25.09 -1.42 0.00	24.05 -1.29 0.00	25.61 -1.18 0.00	29.14 -1.24 0.00	27.34 -1.32 0.00	26.88 -1.19 0.00	34.77 -1.34 0.00	36.13 -1.65 0.00	41.47 -2.49 0.00	43.23 -2.77 0.00	38.04 -2.43 0.00	40.37 -2.59 0.00	33.00 -2.49 0.00	31.76 -2.17 0.00	30.64 -1.75 0.00
NIAGARA_115E_LBMP 323715	34.80 -2.00 0.00	29.72 -1.75 0.00	28.65 -1.65 0.00	27.74 -1.63 0.00	25.66 -1.63 0.00	25.12 -1.66 0.00	27.54 -1.63 0.00	27.56 -1.65 0.00	27.00 -1.80 0.00	25.17 -1.34 0.00	24.11 -1.23 0.00	25.55 -1.24 0.00	29.08 -1.30 0.00	27.26 -1.40 0.00	26.84 -1.22 0.00	34.70 -1.42 0.00	36.10 -1.69 0.00	41.46 -2.50 0.00	43.23 -2.78 0.00	38.07 -2.40 0.00	40.36 -2.60 0.00	33.04 -2.44 0.00	31.65 -2.28 0.00	30.48 -1.90 0.00
NIAGARA_115W_LBMP 323714	34.57 -2.23 0.00	29.54 -1.93 0.00	28.49 -1.80 0.00	27.57 -1.80 0.00	25.51 -1.79 0.00	24.97 -1.80 0.00	27.37 -1.81 0.00	27.41 -1.81 0.00	26.85 -1.95 0.00	25.04 -1.47 0.00	23.99 -1.34 0.00	25.55 -1.24 0.00	29.08 -1.30 0.00	27.28 -1.38 0.00	26.81 -1.25 0.00	34.69 -1.42 0.00	36.04 -1.74 0.00	41.38 -2.58 0.00	43.14 -2.87 0.00	37.96 -2.51 0.00	40.27 -2.68 0.00	32.93 -2.56 0.00	31.71 -2.22 0.00	30.59 -1.79 0.00
NIAGARA_230_LBMP 323716	34.86 -1.94 0.00	29.78 -1.69 0.00	28.71 -1.59 0.00	27.79 -1.58 0.00	25.72 -1.57 0.00	25.19 -1.59 0.00	27.60 -1.57 0.00	27.64 -1.57 0.00	27.08 -1.72 0.00	25.26 -1.25 0.00	24.21 -1.12 0.00	25.75 -1.03 0.00	29.31 -1.07 0.00	27.51 -1.15 0.00	27.05 -1.02 0.00	34.99 -1.12 0.00	36.36 -1.43 0.00	41.78 -2.18 0.00	43.57 -2.44 0.00	38.31 -2.16 0.00	40.68 -2.28 0.00	33.26 -2.23 0.00	31.87 -2.06 0.00	30.69 -1.69 0.00
NIAGARA___115KV_198_GIBSON 55903	34.57 -2.24 0.00	29.54 -1.93 0.00	28.49 -1.80 0.00	27.57 -1.80 0.00	25.51 -1.79 0.00	24.97 -1.80 0.00	27.37 -1.80 0.00	27.41 -1.81 0.00	26.85 -1.95 0.00	25.05 -1.47 0.00	23.99 -1.35 0.00	25.50 -1.28 0.00	29.08 -1.30 0.00	27.28 -1.38 0.00	26.81 -1.25 0.00	34.70 -1.41 0.00	36.05 -1.74 0.00	41.38 -2.58 0.00	43.14 -2.86 0.00	37.96 -2.51 0.00	40.28 -2.68 0.00	32.93 -2.56 0.00	31.71 -2.22 0.00	30.60 -1.79 0.00
NIAGARA___ 23760	34.86 -1.94 0.00	29.78 -1.69 0.00	28.71 -1.59 0.00	27.79 -1.58 0.00	25.72 -1.57 0.00	25.19 -1.59 0.00	27.60 -1.57 0.00	27.64 -1.57 0.00	27.08 -1.72 0.00	25.26 -1.25 0.00	24.21 -1.12 0.00	25.75 -1.03 0.00	29.31 -1.07 0.00	27.51 -1.15 0.00	27.05 -1.02 0.00	34.99 -1.12 0.00	36.36 -1.43 0.00	41.78 -2.18 0.00	43.57 -2.44 0.00	38.31 -2.16 0.00	40.68 -2.28 0.00	33.26 -2.23 0.00	31.87 -2.06 0.00	30.69 -1.69 0.00
NINE_MILE_1 23575	36.03 -0.77 0.00	30.84 -0.63 0.00	29.70 -0.60 0.00	28.80 -0.57 0.00	26.75 -0.54 0.00	26.24 -0.54 0.00	28.58 -0.59 0.00	28.57 -0.64 0.00	28.10 -0.70 0.00	25.86 -0.66 0.00	24.64 -0.70 0.00	26.07 -0.72 0.00	29.58 -0.80 0.00	27.94 -0.72 0.00	27.42 -0.64 0.00	35.36 -0.76 0.00	36.99 -0.80 0.00	43.01 -0.94 0.00	45.02 -0.99 0.00	39.61 -0.86 0.00	41.99 -0.96 0.00	34.64 -0.85 0.00	33.06 -0.87 0.00	31.59 -0.79 0.00
NINE_MILE_2 23744	36.03 -0.77 0.00	30.84 -0.63 0.00	29.70 -0.60 0.00	28.81 -0.56 0.00	26.76 -0.54 0.00	26.24 -0.54 0.00	28.58 -0.59 0.00	28.57 -0.64 0.00	28.11 -0.69 0.00	25.86 -0.66 0.00	24.64 -0.70 0.00	26.07 -0.72 0.00	29.59 -0.79 0.00	27.94 -0.72 0.00	27.42 -0.64 0.00	35.36 -0.76 0.00	36.99 -0.80 0.00	43.01 -0.94 0.00	45.02 -0.99 0.00	39.62 -0.85 0.00	42.00 -0.96 0.00	34.64 -0.85 0.00	33.07 -0.87 0.00	31.59 -0.79 0.00
NM_CAPITAL___DRP 24208	37.11 0.30 0.00	31.84 0.37 0.00	30.80 0.50 0.00	29.83 0.46 0.00	27.74 0.44 0.00	27.30 0.52 0.00	29.69 0.52 0.00	29.82 0.60 0.00	29.20 0.40 0.00	26.67 0.16 0.00	25.57 0.23 0.00	26.90 0.11 0.00	30.39 0.02 0.00	28.70 0.04 0.00	28.35 0.29 0.00	36.55 0.43 0.00	38.28 0.50 0.00	44.56 0.60 0.00	46.72 0.71 0.00	41.14 0.67 0.00	43.61 0.66 0.00	36.19 0.70 0.00	34.42 0.49 0.00	32.89 0.50 0.00

NM_CENTRAL___DRP 24181	36.65 -0.15 0.00	31.34 -0.13 0.00	30.16 -0.15 0.00	29.23 -0.13 0.00	27.15 -0.14 0.00	26.62 -0.16 0.00	29.02 -0.15 0.00	29.03 -0.18 0.00	28.53 -0.27 0.00	26.26 -0.25 0.00	25.05 -0.29 0.00	26.53 -0.25 0.00	30.13 -0.24 0.00	28.50 -0.16 0.00	28.01 -0.06 0.00	36.13 0.02 0.00	37.80 0.01 0.00	44.01 0.05 0.00	46.05 0.04 0.00	40.49 0.02 0.00	42.89 -0.07 0.00	35.37 -0.12 0.00	33.72 -0.21 0.00	32.20 -0.18 0.00
NM_FRONTIER___DRP 24179	34.57 -2.24 0.00	29.54 -1.93 0.00	28.49 -1.80 0.00	27.57 -1.80 0.00	25.51 -1.79 0.00	24.97 -1.80 0.00	27.37 -1.80 0.00	27.41 -1.81 0.00	26.85 -1.95 0.00	25.05 -1.47 0.00	23.99 -1.35 0.00	25.50 -1.28 0.00	29.08 -1.30 0.00	27.28 -1.38 0.00	26.81 -1.25 0.00	34.70 -1.41 0.00	36.05 -1.74 0.00	41.38 -2.58 0.00	43.14 -2.86 0.00	37.96 -2.51 0.00	40.28 -2.68 0.00	32.93 -2.56 0.00	31.71 -2.22 0.00	30.60 -1.79 0.00
NM_ST_REGIS___HYD 24053	37.15 0.34 0.00	31.69 0.22 0.00	30.44 0.14 0.00	29.39 0.03 0.00	27.32 0.02 0.00	26.79 0.01 0.00	29.24 0.07 0.00	29.30 0.09 0.00	28.92 0.13 0.00	26.63 0.12 0.00	25.42 0.08 0.00	26.83 0.04 0.00	30.53 0.15 0.00	28.69 0.04 0.00	27.79 -0.27 0.00	35.68 -0.44 0.00	37.33 -0.46 0.00	43.67 -0.29 0.00	45.96 -0.05 0.00	40.57 0.10 0.00	43.27 0.32 0.00	35.63 0.14 0.00	34.23 0.30 0.00	32.41 0.03 0.00
NORTHPORT___1 23551	38.76 1.96 0.00	32.99 1.52 0.00	31.42 1.12 0.00	30.30 0.94 0.00	28.23 0.94 0.00	27.73 0.96 0.00	30.42 1.25 0.00	30.51 1.30 0.00	29.99 1.20 0.00	27.81 1.30 0.00	26.74 1.40 0.00	29.46 1.62 -1.05	33.50 1.78 -1.35	33.90 1.75 -3.49	33.00 1.98 -2.96	38.39 2.28 0.00	40.27 2.48 0.00	46.48 2.52 0.00	47.98 1.97 0.00	42.06 1.59 0.00	44.84 1.88 0.00	36.92 1.43 0.00	35.27 1.34 0.00	34.06 1.68 0.00
NORTHPORT___2 23552	38.76 1.96 0.00	32.99 1.52 0.00	31.42 1.12 0.00	30.30 0.94 0.00	28.23 0.94 0.00	27.73 0.96 0.00	30.42 1.25 0.00	30.51 1.30 0.00	29.99 1.20 0.00	27.81 1.30 0.00	26.74 1.40 0.00	29.46 1.62 -1.05	33.50 1.78 -1.35	33.90 1.75 -3.49	33.00 1.98 -2.96	38.39 2.28 0.00	40.27 2.48 0.00	46.48 2.52 0.00	47.98 1.97 0.00	42.06 1.59 0.00	44.84 1.88 0.00	36.92 1.43 0.00	35.27 1.34 0.00	34.06 1.68 0.00
NORTHPORT___3 23553	38.66 1.86 0.00	32.91 1.45 0.00	31.38 1.08 0.00	30.26 0.90 0.00	28.17 0.87 0.00	27.67 0.89 0.00	30.32 1.15 0.00	30.45 1.24 0.00	29.99 1.20 0.00	27.78 1.27 0.00	26.74 1.40 0.00	29.44 1.61 -1.05	33.48 1.76 -1.34	33.86 1.71 -3.49	32.97 1.95 -2.96	38.37 2.25 0.00	40.17 2.38 0.00	46.42 2.47 0.00	47.97 1.96 0.00	42.03 1.56 0.00	44.72 1.77 0.00	36.92 1.43 0.00	35.26 1.33 0.00	34.06 1.68 0.00
NORTHPORT___4 23650	38.66 1.86 0.00	32.91 1.45 0.00	31.38 1.08 0.00	30.26 0.90 0.00	28.17 0.87 0.00	27.67 0.89 0.00	30.32 1.15 0.00	30.45 1.24 0.00	29.99 1.20 0.00	27.78 1.27 0.00	26.74 1.40 0.00	29.44 1.61 -1.05	33.48 1.76 -1.34	33.86 1.71 -3.49	32.97 1.95 -2.96	38.37 2.25 0.00	40.17 2.38 0.00	46.42 2.47 0.00	47.97 1.96 0.00	42.03 1.56 0.00	44.72 1.77 0.00	36.92 1.43 0.00	35.26 1.33 0.00	34.06 1.68 0.00
NORTHPORT___IC 23718	38.76 1.96 0.00	32.99 1.52 0.00	31.42 1.12 0.00	30.30 0.94 0.00	28.23 0.94 0.00	27.74 0.96 0.00	30.42 1.25 0.00	30.51 1.30 0.00	30.00 1.20 0.00	27.81 1.30 0.00	26.74 1.40 0.00	29.47 1.63 -1.05	33.50 1.78 -1.35	33.91 1.76 -3.49	33.01 1.98 -2.96	38.39 2.27 0.00	40.26 2.48 0.00	46.48 2.52 0.00	47.98 1.97 0.00	42.06 1.59 0.00	44.84 1.89 0.00	36.93 1.44 0.00	35.28 1.35 0.00	34.07 1.68 0.00
NORTH___COUNTRY_ESR 323785	37.61 0.81 0.00	32.07 0.60 0.00	30.87 0.57 0.00	29.87 0.50 0.00	27.71 0.42 0.00	27.22 0.44 0.00	29.72 0.55 0.00	29.81 0.60 0.00	29.42 0.63 0.00	27.13 0.61 0.00	25.92 0.59 0.00	27.35 0.56 0.00	31.11 0.73 0.00	29.27 0.61 0.00	28.44 0.38 0.00	36.51 0.39 0.00	38.13 0.35 0.00	44.49 0.53 0.00	46.62 0.61 0.00	41.07 0.60 0.00	43.69 0.73 0.00	35.83 0.34 0.00	34.49 0.56 0.00	32.71 0.33 0.00
NPX_GEN_1385_PROXY 323591	38.82 2.02 0.00	33.13 1.67 0.00	31.43 1.13 0.00	30.41 1.04 0.00	28.32 1.03 0.00	27.83 1.05 0.00	30.69 1.52 0.00	30.70 1.49 0.00	29.85 1.05 0.00	27.74 1.23 0.00	26.50 1.17 0.00	29.09 1.25 -1.05	33.09 1.37 -1.35	33.71 1.56 -3.49	32.56 1.54 -2.96	37.77 1.65 0.00	40.35 2.56 0.00	45.97 2.02 0.00	47.60 1.59 0.00	41.98 1.51 0.00	45.16 2.21 0.00	36.81 1.32 0.00	35.15 1.22 0.00	34.06 1.68 0.00
NPX_GEN_CSC 323557	38.62 1.82 0.00	32.81 1.34 0.00	31.26 0.96 0.00	30.09 0.73 0.00	28.03 0.73 0.00	27.54 0.76 0.00	30.42 1.25 0.00	30.36 1.15 0.00	29.80 1.01 0.00	27.62 1.11 0.00	26.55 1.21 0.00	29.32 1.43 -1.10	33.44 1.66 -1.40	33.92 1.77 -3.49	33.10 2.07 -2.96	38.56 2.44 0.00	40.51 2.72 0.00	46.94 2.99 0.00	48.21 2.20 0.00	42.25 1.78 0.00	44.90 1.94 0.00	36.89 1.40 0.00	35.20 1.27 0.00	33.84 1.46 0.00
NSINS_S___GLNS_FALLS 23858	38.54 1.74 0.00	32.95 1.49 0.00	31.63 1.33 0.00	30.57 1.20 0.00	28.38 1.09 0.00	27.96 1.18 0.00	30.57 1.39 0.00	30.68 1.46 0.00	29.99 1.19 0.00	27.31 0.80 0.00	25.91 0.58 0.00	27.28 0.49 0.00	30.87 0.49 0.00	29.10 0.44 0.00	28.82 0.76 0.00	37.35 1.24 0.00	39.70 1.91 0.00	46.48 2.52 0.00	50.04 4.03 0.00	44.16 3.69 0.00	46.99 4.04 0.00	39.30 3.81 0.00	36.93 3.00 0.00	35.04 2.65 0.00
NUCOR_STEEL___DRP 24197	36.99 0.18 0.00	31.47 0.00 0.00	30.42 0.13 0.00	29.51 0.15 0.00	27.28 -0.01 0.00	26.87 0.09 0.00	29.31 0.14 0.00	29.35 0.14 0.00	28.79 -0.01 0.00	26.48 -0.03 0.00	25.12 -0.22 0.00	26.70 -0.09 0.00	30.26 -0.12 0.00	28.72 0.06 0.00	28.12 0.06 0.00	36.47 0.35 0.00	38.22 0.44 0.00	44.48 0.53 0.00	46.63 0.62 0.00	40.81 0.34 0.00	43.37 0.42 0.00	35.68 0.19 0.00	34.01 0.08 0.00	32.51 0.13 0.00
NUMBER_THREE_WT_PWR 323818	38.03 1.23 0.00	32.42 0.95 0.00	31.13 0.83 0.00	30.13 0.76 0.00	28.01 0.72 0.00	27.48 0.70 0.00	30.01 0.84 0.00	30.03 0.82 0.00	29.35 0.56 0.00	26.84 0.33 0.00	25.55 0.21 0.00	27.00 0.21 0.00	30.68 0.30 0.00	28.97 0.32 0.00	28.35 0.29 0.00	36.58 0.47 0.00	38.50 0.71 0.00	45.12 1.16 0.00	47.72 1.71 0.00	42.28 1.81 0.00	44.93 1.97 0.00	36.99 1.50 0.00	35.24 1.31 0.00	33.46 1.08 0.00
NYISO_LBMP_REFERENCE 24008	36.80 0.00 0.00	31.47 0.00 0.00	30.30 0.00 0.00	29.37 0.00 0.00	27.30 0.00 0.00	26.78 0.00 0.00	29.17 0.00 0.00	29.21 0.00 0.00	28.80 0.00 0.00	26.51 0.00 0.00	25.33 0.00 0.00	26.79 0.00 0.00	30.38 0.00 0.00	28.66 0.00 0.00	28.06 0.00 0.00	36.11 0.00 0.00	37.79 0.00 0.00	43.96 0.00 0.00	46.01 0.00 0.00	40.47 0.00 0.00	42.95 0.00 0.00	35.49 0.00 0.00	33.93 0.00 0.00	32.38 0.00 0.00

NYPA_BRENTWD____GT 24164	39.18 2.38 0.00	33.30 1.83 0.00	31.71 1.41 0.00	30.57 1.20 0.00	28.48 1.18 0.00	27.97 1.20 0.00	30.69 1.52 0.00	30.81 1.59 0.00	30.30 1.51 0.00	28.10 1.59 0.00	27.02 1.69 0.00	29.90 1.95 -1.17	34.03 2.20 -1.46	34.36 2.21 -3.49	33.50 2.47 -2.96	39.08 2.96 0.00	40.98 3.20 0.00	47.30 3.35 0.00	48.70 2.69 0.00	42.52 2.05 0.00	45.56 2.61 0.00	37.52 2.03 0.00	35.80 1.87 0.00	34.48 2.09 0.00
NYPA_GOWANUS____GT5 24156	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.58 2.79 0.00	46.96 3.01 0.00	48.77 2.76 0.00	42.78 2.31 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NYPA_GOWANUS____GT6 24157	38.77 1.97 0.00	33.02 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.83 1.50 0.00	28.47 1.68 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.58 2.79 0.00	46.96 3.01 0.00	48.77 2.76 0.00	42.78 2.31 0.00	45.41 2.46 0.00	37.79 2.29 -0.01	35.98 2.05 0.00	34.35 1.97 0.00
NYPA_HARLEM__RVR__GT1 24160	38.56 1.77 0.00	32.82 1.36 0.00	31.31 1.02 0.00	30.31 0.95 0.00	28.26 0.97 0.00	27.74 0.96 0.00	30.21 1.04 0.00	30.38 1.17 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.35 0.00	28.31 1.53 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.59 2.48 0.00	40.27 2.48 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.16 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
NYPA_HARLEM__RVR__GT2 24161	38.56 1.77 0.00	32.82 1.36 0.00	31.31 1.02 0.00	30.31 0.95 0.00	28.26 0.97 0.00	27.74 0.96 0.00	30.21 1.04 0.00	30.38 1.17 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.35 0.00	28.31 1.53 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.59 2.48 0.00	40.27 2.48 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.49 2.02 0.00	45.12 2.16 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
NYPA_KENT____GT 24152	38.70 1.90 0.00	32.96 1.49 0.00	31.48 1.18 0.00	30.41 1.04 0.00	28.34 1.05 0.00	27.84 1.06 0.00	30.32 1.15 0.00	30.49 1.28 0.00	30.10 1.30 0.00	27.87 1.35 0.00	26.80 1.47 0.00	28.43 1.64 0.00	32.25 1.87 0.00	30.51 1.85 0.00	30.21 2.14 0.00	38.83 2.72 0.00	40.49 2.70 0.00	46.85 2.89 0.00	48.68 2.67 0.00	42.68 2.21 0.00	45.32 2.37 0.00	37.71 2.21 0.00	35.90 1.97 0.00	34.29 1.91 0.00
NYPA_POUCH1____GT 24155	38.79 1.99 0.00	33.10 1.64 0.00	31.63 1.33 0.00	30.41 1.04 0.00	28.33 1.04 0.00	27.82 1.04 0.00	30.32 1.15 0.00	30.48 1.26 0.00	30.07 1.28 0.00	27.80 1.29 0.00	26.73 1.40 0.00	28.35 1.56 0.00	32.15 1.78 0.00	30.41 1.75 0.00	30.12 2.06 -0.01	37.92 2.61 0.81	39.60 2.66 0.85	44.02 2.88 2.81	48.75 2.75 0.00	42.77 2.31 0.01	45.37 2.43 0.00	37.81 2.31 -0.01	36.01 2.08 0.00	34.39 2.00 0.00
NYPA_VERNON____GT2 24162	38.61 1.81 0.00	32.88 1.41 0.00	31.41 1.11 0.00	30.37 1.00 0.00	28.30 1.01 0.00	27.80 1.03 0.00	30.27 1.10 0.00	30.44 1.23 0.00	30.06 1.26 0.00	27.84 1.33 0.00	26.77 1.43 0.00	28.39 1.60 0.00	32.20 1.82 0.00	30.46 1.80 0.00	30.15 2.09 0.00	38.77 2.65 0.00	40.43 2.64 0.00	46.79 2.83 0.00	48.62 2.61 0.00	42.64 2.17 0.00	45.24 2.28 0.00	37.61 2.12 0.00	35.82 1.89 0.00	34.22 1.84 0.00
NYPA_VERNON____GT3 24163	38.61 1.81 0.00	32.88 1.41 0.00	31.41 1.11 0.00	30.37 1.00 0.00	28.30 1.01 0.00	27.80 1.03 0.00	30.27 1.10 0.00	30.44 1.23 0.00	30.06 1.26 0.00	27.84 1.33 0.00	26.77 1.43 0.00	28.39 1.60 0.00	32.20 1.82 0.00	30.46 1.80 0.00	30.15 2.09 0.00	38.77 2.65 0.00	40.43 2.64 0.00	46.79 2.83 0.00	48.62 2.61 0.00	42.64 2.17 0.00	45.24 2.28 0.00	37.61 2.12 0.00	35.82 1.89 0.00	34.22 1.84 0.00
NYPA__ASTORIA_CC1 323568	38.55 1.75 0.00	32.83 1.36 0.00	31.35 1.05 0.00	30.31 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.22 1.05 0.00	30.40 1.18 0.00	30.01 1.21 0.00	27.79 1.28 0.00	26.71 1.38 0.00	28.33 1.54 0.00	32.13 1.76 0.00	30.40 1.74 0.00	30.10 2.03 0.00	38.69 2.57 0.00	40.36 2.57 0.00	46.70 2.75 0.00	48.54 2.53 0.00	42.57 2.10 0.00	45.17 2.21 0.00	37.54 2.05 0.00	35.75 1.82 0.00	34.16 1.77 0.00
NYPA__ASTORIA_CC2 323569	38.55 1.75 0.00	32.83 1.36 0.00	31.35 1.05 0.00	30.31 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.22 1.05 0.00	30.40 1.18 0.00	30.01 1.21 0.00	27.79 1.28 0.00	26.71 1.38 0.00	28.33 1.54 0.00	32.13 1.76 0.00	30.40 1.74 0.00	30.10 2.03 0.00	38.69 2.57 0.00	40.36 2.57 0.00	46.70 2.75 0.00	48.54 2.53 0.00	42.57 2.10 0.00	45.17 2.21 0.00	37.54 2.05 0.00	35.75 1.82 0.00	34.16 1.77 0.00
NYPA__HOLTSVILL 23794	38.85 2.05 0.00	33.02 1.56 0.00	31.47 1.17 0.00	30.31 0.94 0.00	28.23 0.94 0.00	27.74 0.96 0.00	30.49 1.32 0.00	30.57 1.35 0.00	30.06 1.26 0.00	27.86 1.35 0.00	26.76 1.43 0.00	29.54 1.65 -1.10	33.65 1.88 -1.40	34.08 1.93 -3.49	33.23 2.21 -2.96	38.71 2.59 0.00	40.61 2.82 0.00	46.92 2.97 0.00	48.36 2.35 0.00	42.40 1.93 0.00	45.10 2.15 0.00	37.13 1.64 0.00	35.44 1.51 0.00	34.12 1.74 0.00
NYPA__HELLGATE_GT1 24158	38.56 1.77 0.00	32.82 1.36 0.00	31.31 1.02 0.00	30.31 0.95 0.00	28.26 0.97 0.00	27.74 0.96 0.00	30.21 1.04 0.00	30.38 1.17 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.35 0.00	28.31 1.53 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.29 2.50 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.50 2.03 0.00	45.13 2.18 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
NYPA__HELLGATE_GT2 24159	38.56 1.77 0.00	32.82 1.36 0.00	31.31 1.02 0.00	30.31 0.95 0.00	28.26 0.97 0.00	27.74 0.96 0.00	30.21 1.04 0.00	30.38 1.17 0.00	30.02 1.23 0.00	27.78 1.27 0.00	26.69 1.35 0.00	28.31 1.53 0.00	32.07 1.70 0.00	30.36 1.70 0.00	30.06 2.00 0.00	38.60 2.48 0.00	40.29 2.50 0.00	46.65 2.69 0.00	48.48 2.47 0.00	42.50 2.03 0.00	45.13 2.18 0.00	37.49 2.00 0.00	35.70 1.77 0.00	34.14 1.76 0.00
NYS_BARGE__HYD 23848	35.38 -1.42 0.00	30.19 -1.27 0.00	29.09 -1.21 0.00	28.15 -1.22 0.00	26.05 -1.25 0.00	25.50 -1.28 0.00	27.96 -1.21 0.00	28.01 -1.21 0.00	27.43 -1.37 0.00	25.56 -0.95 0.00	24.48 -0.85 0.00	26.00 -0.79 0.00	29.63 -0.74 0.00	27.80 -0.86 0.00	27.44 -0.62 0.00	35.43 -0.69 0.00	36.85 -0.94 0.00	42.40 -1.55 0.00	44.26 -1.74 0.00	38.97 -1.50 0.00	41.30 -1.65 0.00	33.76 -1.73 0.00	32.31 -1.62 0.00	31.08 -1.30 0.00

OAK ORCHARD___HYD 24046	36.07 -0.73 0.00	30.79 -0.68 0.00	29.64 -0.66 0.00	28.68 -0.68 0.00	26.59 -0.71 0.00	26.07 -0.71 0.00	28.51 -0.66 0.00	28.56 -0.66 0.00	28.00 -0.79 0.00	25.95 -0.56 0.00	24.83 -0.50 0.00	26.41 -0.38 0.00	30.06 -0.32 0.00	28.36 -0.30 0.00	27.86 -0.20 0.00	36.11 -0.01 0.00	37.69 -0.10 0.00	43.65 -0.30 0.00	45.70 -0.31 0.00	40.13 -0.34 0.00	42.51 -0.44 0.00	34.81 -0.68 0.00	33.22 -0.71 0.00	31.77 -0.61 0.00
OAKDALE___35_KV_LOAD 356122	36.72 -0.08 0.00	31.32 -0.15 0.00	30.11 -0.19 0.00	29.20 -0.17 0.00	27.14 -0.15 0.00	26.61 -0.17 0.00	29.05 -0.13 0.00	29.09 -0.12 0.00	28.54 -0.26 0.00	26.41 -0.10 0.00	25.26 -0.07 0.00	26.82 0.03 0.00	30.44 0.06 0.00	28.79 0.13 0.00	28.33 0.27 0.00	36.64 0.52 0.00	38.20 0.41 0.00	44.49 0.54 0.00	46.39 0.39 0.00	40.84 0.36 0.00	43.28 0.33 0.00	35.59 0.10 0.00	33.93 -0.01 0.00	32.41 0.03 0.00
OCC_CHEM___DRP 24175	34.63 -2.17 0.00	29.60 -1.86 0.00	28.55 -1.75 0.00	27.62 -1.74 0.00	25.56 -1.74 0.00	25.02 -1.75 0.00	27.42 -1.75 0.00	27.46 -1.75 0.00	26.90 -1.90 0.00	25.09 -1.42 0.00	24.04 -1.29 0.00	25.56 -1.23 0.00	29.14 -1.24 0.00	27.34 -1.32 0.00	26.88 -1.19 0.00	34.78 -1.34 0.00	36.13 -1.66 0.00	41.47 -2.49 0.00	43.23 -2.77 0.00	38.04 -2.43 0.00	40.36 -2.59 0.00	33.00 -2.49 0.00	31.76 -2.17 0.00	30.64 -1.74 0.00
OH_GEN_PROXY 24063	34.88 -1.92 0.00	29.79 -1.68 0.00	28.72 -1.58 0.00	27.80 -1.57 0.00	25.73 -1.57 0.00	25.20 -1.57 0.00	27.61 -1.56 0.00	27.67 -1.54 0.00	27.10 -1.70 0.00	25.30 -1.22 0.00	24.25 -1.09 0.00	25.79 -1.00 0.00	29.35 -1.03 0.00	27.56 -1.10 0.00	27.08 -0.98 0.00	35.06 -1.06 0.00	36.42 -1.37 0.00	41.89 -2.07 0.00	43.68 -2.33 0.00	38.40 -2.07 0.00	40.76 -2.19 0.00	33.32 -2.17 0.00	31.92 -2.01 0.00	30.72 -1.67 0.00
OLIN_CORP_DRP 24177	34.83 -1.97 0.00	29.75 -1.72 0.00	28.69 -1.61 0.00	27.77 -1.60 0.00	25.69 -1.60 0.00	25.14 -1.64 0.00	27.57 -1.60 0.00	27.60 -1.62 0.00	27.03 -1.77 0.00	25.20 -1.31 0.00	24.15 -1.19 0.00	25.56 -1.23 0.00	29.13 -1.24 0.00	27.32 -1.34 0.00	26.89 -1.17 0.00	34.79 -1.33 0.00	36.17 -1.62 0.00	41.54 -2.41 0.00	43.32 -2.69 0.00	38.14 -2.32 0.00	40.45 -2.51 0.00	33.09 -2.40 0.00	31.70 -2.23 0.00	30.53 -1.85 0.00
OLIN_CORP_DSASP 323712	34.63 -2.17 0.00	29.60 -1.87 0.00	28.55 -1.75 0.00	27.63 -1.74 0.00	25.56 -1.74 0.00	25.02 -1.75 0.00	27.42 -1.75 0.00	27.46 -1.75 0.00	26.90 -1.90 0.00	25.09 -1.42 0.00	24.05 -1.29 0.00	25.61 -1.18 0.00	29.14 -1.24 0.00	27.34 -1.32 0.00	26.88 -1.19 0.00	34.77 -1.34 0.00	36.13 -1.65 0.00	41.47 -2.49 0.00	43.23 -2.77 0.00	38.04 -2.43 0.00	40.37 -2.59 0.00	33.00 -2.49 0.00	31.76 -2.17 0.00	30.64 -1.75 0.00
ONEIDA_HERK_LFGE 323681	37.81 1.01 0.00	32.25 0.78 0.00	30.99 0.69 0.00	30.02 0.65 0.00	27.91 0.61 0.00	27.38 0.60 0.00	29.87 0.70 0.00	29.92 0.70 0.00	29.31 0.51 0.00	26.87 0.35 0.00	25.63 0.29 0.00	27.10 0.31 0.00	30.77 0.39 0.00	29.08 0.42 0.00	28.52 0.46 0.00	36.80 0.69 0.00	38.65 0.86 0.00	45.19 1.23 0.00	47.57 1.56 0.00	41.98 1.51 0.00	44.53 1.58 0.00	36.69 1.20 0.00	34.97 1.04 0.00	33.27 0.89 0.00
ONEIDA___115KV_TB4 55905	37.78 0.98 0.00	32.23 0.76 0.00	30.97 0.68 0.00	30.01 0.65 0.00	27.89 0.60 0.00	27.37 0.58 0.00	29.86 0.69 0.00	29.89 0.68 0.00	29.27 0.47 0.00	26.83 0.32 0.00	25.61 0.27 0.00	27.12 0.33 0.00	30.80 0.43 0.00	29.15 0.49 0.00	28.65 0.59 0.00	37.00 0.88 0.00	38.78 0.99 0.00	45.32 1.36 0.00	47.65 1.64 0.00	42.00 1.54 0.00	44.49 1.54 0.00	36.61 1.12 0.00	34.88 0.95 0.00	33.22 0.84 0.00
ONONDAGA_REF_OCCRA 23987	36.85 0.05 0.00	31.50 0.03 0.00	30.30 0.01 0.00	29.38 0.02 0.00	27.29 -0.01 0.00	26.75 -0.03 0.00	29.17 0.00 0.00	29.19 -0.02 0.00	28.67 -0.13 0.00	26.39 -0.12 0.00	25.17 -0.17 0.00	26.67 -0.12 0.00	30.29 -0.09 0.00	28.65 -0.01 0.00	28.17 0.11 0.00	36.35 0.24 0.00	38.04 0.25 0.00	44.32 0.36 0.00	46.40 0.39 0.00	40.80 0.33 0.00	43.22 0.27 0.00	35.61 0.12 0.00	33.94 0.01 0.00	32.40 0.02 0.00
ONONDAGA___COGEN 23986	36.83 0.03 0.00	31.47 0.00 0.00	30.30 0.00 0.00	29.38 0.01 0.00	27.27 -0.03 0.00	26.75 -0.03 0.00	29.17 0.00 0.00	29.18 -0.03 0.00	28.67 -0.13 0.00	26.39 -0.12 0.00	25.15 -0.19 0.00	26.65 -0.14 0.00	30.26 -0.11 0.00	28.63 -0.03 0.00	28.13 0.07 0.00	36.31 0.20 0.00	38.02 0.23 0.00	44.28 0.33 0.00	46.35 0.34 0.00	40.72 0.25 0.00	43.14 0.19 0.00	35.54 0.05 0.00	33.88 -0.05 0.00	32.36 -0.03 0.00
ONTARIO___LFGE 23819	36.64 -0.16 0.00	31.24 -0.23 0.00	30.05 -0.25 0.00	29.12 -0.25 0.00	27.03 -0.27 0.00	26.49 -0.28 0.00	29.00 -0.18 0.00	29.06 -0.15 0.00	28.44 -0.36 0.00	26.28 -0.23 0.00	25.06 -0.28 0.00	26.64 -0.15 0.00	30.28 -0.10 0.00	28.65 -0.01 0.00	28.14 0.08 0.00	36.40 0.29 0.00	38.08 0.30 0.00	44.50 0.54 0.00	46.60 0.59 0.00	41.02 0.55 0.00	43.40 0.45 0.00	35.67 0.17 0.00	33.90 -0.03 0.00	32.37 -0.01 0.00
ORANGEVILLE_WT_PWR 323706	35.79 -1.01 0.00	30.52 -0.95 0.00	29.40 -0.89 0.00	28.48 -0.89 0.00	26.35 -0.94 0.00	25.80 -0.97 0.00	28.33 -0.84 0.00	28.42 -0.79 0.00	27.81 -0.99 0.00	25.95 -0.56 0.00	24.88 -0.45 0.00	26.49 -0.30 0.00	30.13 -0.24 0.00	28.38 -0.28 0.00	27.94 -0.12 0.00	36.22 0.10 0.00	37.63 -0.15 0.00	43.47 -0.48 0.00	45.27 -0.74 0.00	39.89 -0.58 0.00	42.20 -0.75 0.00	34.42 -1.06 0.00	32.88 -1.05 0.00	31.53 -0.86 0.00
ORANGEVILLE___ESR 323794	35.79 -1.01 0.00	30.52 -0.95 0.00	29.40 -0.89 0.00	28.48 -0.89 0.00	26.35 -0.94 0.00	25.80 -0.97 0.00	28.33 -0.84 0.00	28.42 -0.79 0.00	27.81 -0.99 0.00	25.95 -0.56 0.00	24.88 -0.45 0.00	26.49 -0.30 0.00	30.13 -0.24 0.00	28.38 -0.28 0.00	27.94 -0.12 0.00	36.22 0.10 0.00	37.63 -0.15 0.00	43.47 -0.48 0.00	45.27 -0.74 0.00	39.89 -0.58 0.00	42.20 -0.75 0.00	34.42 -1.06 0.00	32.88 -1.05 0.00	31.53 -0.86 0.00
OSWEGATCHIE___HYD 24044	37.48 0.67 0.00	31.96 0.50 0.00	30.69 0.39 0.00	29.66 0.29 0.00	27.57 0.28 0.00	27.05 0.27 0.00	29.52 0.35 0.00	29.55 0.33 0.00	29.00 0.20 0.00	26.59 0.08 0.00	25.34 0.00 0.00	26.76 -0.03 0.00	30.44 0.06 0.00	28.68 0.02 0.00	27.92 -0.15 0.00	35.93 -0.19 0.00	37.74 -0.05 0.00	44.23 0.28 0.00	46.72 0.71 0.00	41.35 0.88 0.00	44.01 1.05 0.00	36.26 0.77 0.00	34.67 0.74 0.00	32.87 0.49 0.00
OSWEGO___5 23606	36.21 -0.59 0.00	31.00 -0.47 0.00	29.85 -0.45 0.00	28.94 -0.42 0.00	26.88 -0.42 0.00	26.37 -0.41 0.00	28.72 -0.45 0.00	28.73 -0.48 0.00	28.25 -0.55 0.00	25.99 -0.52 0.00	24.78 -0.55 0.00	26.23 -0.56 0.00	29.77 -0.61 0.00	28.12 -0.54 0.00	27.61 -0.46 0.00	35.60 -0.51 0.00	37.24 -0.55 0.00	43.32 -0.64 0.00	45.35 -0.66 0.00	39.90 -0.57 0.00	42.29 -0.66 0.00	34.88 -0.61 0.00	33.28 -0.64 0.00	31.80 -0.58 0.00

OSWEGO___6 23613	36.21 -0.59 0.00	31.00 -0.47 0.00	29.85 -0.45 0.00	28.94 -0.42 0.00	26.88 -0.42 0.00	26.37 -0.41 0.00	28.72 -0.45 0.00	28.73 -0.48 0.00	28.25 -0.55 0.00	25.99 -0.52 0.00	24.78 -0.55 0.00	26.23 -0.56 0.00	29.77 -0.61 0.00	28.12 -0.54 0.00	27.61 -0.46 0.00	35.60 -0.51 0.00	37.24 -0.55 0.00	43.32 -0.64 0.00	45.35 -0.66 0.00	39.90 -0.57 0.00	42.29 -0.66 0.00	34.88 -0.61 0.00	33.28 -0.64 0.00	31.80 -0.58 0.00
OUTOKUMPU-AB___DRP 24206	35.65 -1.15 0.00	30.40 -1.07 0.00	29.28 -1.02 0.00	28.33 -1.04 0.00	26.21 -1.08 0.00	25.67 -1.11 0.00	28.13 -1.04 0.00	28.20 -1.01 0.00	27.62 -1.18 0.00	25.78 -0.73 0.00	24.71 -0.62 0.00	26.27 -0.52 0.00	29.98 -0.39 0.00	28.16 -0.50 0.00	27.75 -0.32 0.00	35.92 -0.20 0.00	37.36 -0.43 0.00	42.99 -0.96 0.00	44.77 -1.24 0.00	39.37 -1.10 0.00	41.73 -1.22 0.00	34.09 -1.40 0.00	32.67 -1.26 0.00	31.43 -0.96 0.00
OXBOW___BTM 323836	35.22 -1.58 0.00	30.07 -1.40 0.00	28.98 -1.32 0.00	28.03 -1.34 0.00	25.94 -1.35 0.00	25.39 -1.38 0.00	27.84 -1.34 0.00	27.88 -1.33 0.00	27.31 -1.48 0.00	25.50 -1.01 0.00	24.43 -0.90 0.00	26.02 -0.77 0.00	29.64 -0.73 0.00	27.83 -0.83 0.00	27.39 -0.67 0.00	35.45 -0.67 0.00	36.87 -0.92 0.00	42.38 -1.57 0.00	44.15 -1.86 0.00	38.83 -1.64 0.00	41.16 -1.79 0.00	33.65 -1.85 0.00	32.31 -1.62 0.00	31.11 -1.28 0.00
OXBOW____ 24026	35.22 -1.58 0.00	30.07 -1.40 0.00	28.98 -1.32 0.00	28.03 -1.34 0.00	25.94 -1.36 0.00	25.40 -1.38 0.00	27.83 -1.34 0.00	27.88 -1.33 0.00	27.31 -1.49 0.00	25.50 -1.01 0.00	24.43 -0.90 0.00	25.98 -0.80 0.00	29.64 -0.73 0.00	27.83 -0.83 0.00	27.39 -0.67 0.00	35.46 -0.66 0.00	36.87 -0.92 0.00	42.38 -1.58 0.00	44.16 -1.85 0.00	38.83 -1.64 0.00	41.17 -1.79 0.00	33.64 -1.85 0.00	32.30 -1.63 0.00	31.11 -1.27 0.00
OXY_CHEM_DSASP 323612	34.63 -2.17 0.00	29.60 -1.86 0.00	28.55 -1.75 0.00	27.62 -1.74 0.00	25.56 -1.74 0.00	25.02 -1.75 0.00	27.42 -1.75 0.00	27.46 -1.75 0.00	26.90 -1.90 0.00	25.09 -1.42 0.00	24.04 -1.29 0.00	25.56 -1.23 0.00	29.14 -1.24 0.00	27.34 -1.32 0.00	26.88 -1.19 0.00	34.78 -1.34 0.00	36.13 -1.66 0.00	41.47 -2.49 0.00	43.23 -2.77 0.00	38.04 -2.43 0.00	40.36 -2.59 0.00	33.00 -2.49 0.00	31.76 -2.17 0.00	30.64 -1.74 0.00
OZONE_PARK_ESR 323760	38.90 2.10 0.00	33.12 1.65 0.00	31.64 1.34 0.00	30.58 1.22 0.00	28.47 1.18 0.00	27.98 1.20 0.00	30.48 1.31 0.00	30.65 1.43 0.00	30.24 1.44 0.00	28.02 1.50 0.00	26.97 1.64 0.00	28.62 1.83 0.00	32.45 2.07 0.00	30.71 2.05 0.00	30.42 2.36 0.00	39.13 3.01 0.00	40.84 3.05 0.00	47.29 3.33 0.00	49.16 3.16 0.00	43.11 2.64 0.00	45.69 2.73 0.00	37.95 2.46 0.00	36.15 2.22 0.00	34.51 2.13 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	34.63 -2.17 0.00	29.60 -1.86 0.00	28.55 -1.75 0.00	27.62 -1.74 0.00	25.56 -1.74 0.00	25.02 -1.75 0.00	27.42 -1.75 0.00	27.46 -1.75 0.00	26.90 -1.90 0.00	25.09 -1.42 0.00	24.04 -1.29 0.00	25.56 -1.23 0.00	29.14 -1.24 0.00	27.34 -1.32 0.00	26.88 -1.19 0.00	34.78 -1.34 0.00	36.13 -1.66 0.00	41.47 -2.49 0.00	43.23 -2.77 0.00	38.04 -2.43 0.00	40.36 -2.59 0.00	33.00 -2.49 0.00	31.76 -2.17 0.00	30.64 -1.74 0.00
PACKARD__115KV_DUPONT_184 80571	34.63 -2.17 0.00	29.60 -1.86 0.00	28.55 -1.75 0.00	27.62 -1.74 0.00	25.56 -1.74 0.00	25.02 -1.75 0.00	27.42 -1.75 0.00	27.46 -1.75 0.00	26.90 -1.90 0.00	25.09 -1.42 0.00	24.04 -1.29 0.00	25.56 -1.23 0.00	29.14 -1.24 0.00	27.34 -1.32 0.00	26.88 -1.19 0.00	34.78 -1.34 0.00	36.13 -1.66 0.00	41.47 -2.49 0.00	43.23 -2.77 0.00	38.04 -2.43 0.00	40.36 -2.59 0.00	33.00 -2.49 0.00	31.76 -2.17 0.00	30.64 -1.74 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.56 1.76 0.00	32.84 1.37 0.00	31.36 1.06 0.00	30.35 0.98 0.00	28.29 1.00 0.00	27.77 0.99 0.00	30.23 1.06 0.00	30.40 1.19 0.00	30.04 1.24 0.00	27.77 1.25 0.00	26.68 1.35 0.00	28.31 1.52 0.00	32.06 1.68 0.00	30.34 1.68 0.00	30.04 1.98 0.00	38.58 2.46 0.00	40.31 2.52 0.00	46.72 2.77 0.00	48.58 2.57 0.00	42.59 2.12 0.00	45.19 2.24 0.00	37.50 2.01 0.00	35.70 1.77 0.00	34.12 1.74 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.90 2.10 0.00	33.15 1.68 0.00	31.68 1.38 0.00	30.65 1.28 0.00	28.57 1.27 0.00	28.05 1.28 0.00	30.53 1.35 0.00	30.69 1.48 0.00	30.30 1.50 0.00	28.03 1.52 0.00	26.91 1.58 0.00	28.56 1.77 0.00	32.33 1.95 0.00	30.60 1.94 0.00	30.30 2.24 0.00	38.94 2.82 0.00	40.70 2.92 0.00	47.17 3.21 0.00	49.03 3.03 0.00	42.99 2.52 0.00	45.59 2.64 0.00	37.83 2.34 0.00	36.00 2.07 0.00	34.42 2.04 0.00
PATROON__115KV_TB1 80586	37.18 0.38 0.00	31.88 0.42 0.00	30.85 0.55 0.00	29.89 0.52 0.00	27.79 0.50 0.00	27.35 0.56 0.00	29.74 0.57 0.00	29.86 0.65 0.00	29.25 0.45 0.00	26.70 0.19 0.00	25.60 0.27 0.00	26.95 0.17 0.00	30.47 0.09 0.00	28.78 0.12 0.00	28.43 0.37 0.00	36.68 0.56 0.00	38.44 0.65 0.00	44.76 0.80 0.00	46.94 0.93 0.00	41.30 0.83 0.00	43.77 0.81 0.00	36.28 0.79 0.00	34.50 0.57 0.00	32.96 0.57 0.00
PATTRSNVILLE___SOLAR 323815	37.96 1.16 0.00	32.45 0.98 0.00	31.20 0.90 0.00	30.23 0.86 0.00	28.10 0.81 0.00	27.59 0.81 0.00	30.07 0.89 0.00	30.08 0.87 0.00	29.37 0.57 0.00	26.80 0.29 0.00	25.51 0.18 0.00	26.93 0.15 0.00	30.54 0.16 0.00	28.87 0.20 0.00	28.46 0.40 0.00	36.70 0.59 0.00	38.59 0.80 0.00	45.21 1.25 0.00	47.85 1.84 0.00	42.14 1.67 0.00	44.66 1.71 0.00	36.92 1.43 0.00	35.16 1.23 0.00	33.56 1.18 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	36.39 -0.41 0.00	30.97 -0.49 0.00	29.82 -0.48 0.00	28.90 -0.47 0.00	26.74 -0.56 0.00	26.22 -0.56 0.00	28.72 -0.45 0.00	28.80 -0.42 0.00	28.23 -0.57 0.00	26.39 -0.12 0.00	25.29 -0.04 0.00	26.87 0.08 0.00	30.63 0.26 0.00	28.83 0.17 0.00	28.41 0.35 0.00	36.86 0.75 0.00	38.29 0.50 0.00	44.20 0.25 0.00	46.03 0.02 0.00	40.48 0.01 0.00	42.88 -0.07 0.00	34.98 -0.52 0.00	33.43 -0.50 0.00	32.09 -0.30 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	38.43 1.63 0.00	32.73 1.27 0.00	31.32 1.02 0.00	30.28 0.91 0.00	28.19 0.89 0.00	27.70 0.92 0.00	30.18 1.01 0.00	30.34 1.13 0.00	29.91 1.11 0.00	27.65 1.14 0.00	26.58 1.25 0.00	28.18 1.39 0.00	31.94 1.56 0.00	30.27 1.61 0.00	29.96 1.90 0.00	38.60 2.49 0.00	40.38 2.59 0.00	46.88 2.93 0.00	48.79 2.78 0.00	42.77 2.31 0.00	45.30 2.34 0.00	37.53 2.04 0.00	35.71 1.78 0.00	34.09 1.70 0.00
PEEKSKILL____ 23653	38.00 1.20 0.00	32.38 0.92 0.00	30.96 0.66 0.00	29.93 0.57 0.00	27.88 0.59 0.00	27.39 0.62 0.00	29.83 0.66 0.00	29.99 0.78 0.00	29.55 0.75 0.00	27.33 0.81 0.00	26.27 0.94 0.00	27.84 1.06 0.00	31.55 1.17 0.00	29.85 1.19 0.00	29.53 1.47 0.00	38.02 1.90 0.00	39.74 1.96 0.00	46.10 2.15 0.00	47.98 1.97 0.00	42.06 1.59 0.00	44.57 1.61 0.00	36.98 1.49 0.00	35.23 1.30 0.00	33.68 1.29 0.00

PGE MADISON___WINDPWR 24146	39.30 2.50 0.00	33.41 1.94 0.00	32.11 1.81 0.00	30.99 1.63 0.00	28.84 1.54 0.00	28.33 1.55 0.00	30.99 1.82 0.00	31.05 1.84 0.00	30.30 1.50 0.00	27.78 1.27 0.00	26.32 0.99 0.00	27.90 1.12 0.00	31.75 1.37 0.00	30.05 1.39 0.00	29.60 1.54 0.00	38.39 2.28 0.00	40.52 2.73 0.00	47.60 3.65 0.00	50.34 4.33 0.00	44.42 3.95 0.00	47.00 4.05 0.00	38.41 2.92 0.00	36.47 2.54 0.00	34.71 2.33 0.00
PIERCEFIELD___HYD 23852	36.91 0.11 0.00	31.50 0.03 0.00	30.24 -0.06 0.00	29.19 -0.18 0.00	27.13 -0.16 0.00	26.61 -0.17 0.00	29.03 -0.14 0.00	29.07 -0.15 0.00	28.69 -0.11 0.00	26.42 -0.10 0.00	25.20 -0.14 0.00	26.59 -0.20 0.00	30.26 -0.11 0.00	28.44 -0.22 0.00	27.53 -0.53 0.00	35.33 -0.78 0.00	36.99 -0.79 0.00	43.28 -0.67 0.00	45.59 -0.42 0.00	40.27 -0.20 0.00	42.97 0.02 0.00	35.43 -0.06 0.00	34.03 0.10 0.00	32.23 -0.16 0.00
PINELAWN_CC_1 323563	38.99 2.19 0.00	33.16 1.69 0.00	31.60 1.30 0.00	30.47 1.10 0.00	28.37 1.07 0.00	27.87 1.09 0.00	30.54 1.37 0.00	30.65 1.44 0.00	30.19 1.40 0.00	27.97 1.46 0.00	26.92 1.59 0.00	30.08 1.82 -1.47	34.20 2.08 -1.75	34.07 1.91 -3.51	33.14 2.10 -2.97	38.64 2.52 0.00	40.27 2.48 0.00	46.57 2.61 0.00	48.11 2.10 0.00	42.14 1.67 0.00	45.00 2.05 0.00	37.23 1.74 0.00	35.79 1.86 0.00	34.41 2.03 0.00
PJM_GEN_HTP_PROXY 323702	38.44 1.64 0.00	32.74 1.28 0.00	31.29 0.99 0.00	30.24 0.88 0.00	28.18 0.88 0.00	27.69 0.91 0.00	30.16 0.98 0.00	30.33 1.11 0.00	29.91 1.11 0.00	27.69 1.18 0.00	26.64 1.31 0.00	28.25 1.46 0.00	32.02 1.64 0.00	30.31 1.65 0.00	30.00 1.94 0.00	38.58 2.46 0.00	40.27 2.48 0.00	46.65 2.69 0.00	48.50 2.49 0.00	42.51 2.05 0.00	44.93 2.13 0.15	37.44 1.95 0.00	35.67 1.74 0.00	34.07 1.69 0.00
PJM_GEN_KEystone 24065	36.69 -0.11 0.00	31.24 -0.23 0.00	29.92 -0.38 0.00	22.24 -0.40 6.73	23.46 -0.36 3.47	26.45 -0.32 0.00	23.19 -0.31 5.67	28.46 -0.21 0.53	24.08 -0.32 4.40	26.47 -0.04 0.00	25.42 0.09 0.00	27.41 0.26 -0.36	30.64 0.26 0.00	28.95 0.29 0.00	28.57 0.51 0.00	36.89 0.79 0.02	35.77 0.64 2.65	54.36 0.61 -9.79	46.31 0.30 0.00	40.66 0.19 0.00	42.95 0.15 0.00	35.54 0.05 0.00	33.91 -0.02 0.00	32.46 0.08 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.58 1.78 0.00	32.82 1.36 0.00	31.30 1.01 0.00	30.21 0.85 0.00	28.13 0.84 0.00	27.63 0.85 0.00	30.21 1.04 0.00	30.35 1.13 0.00	29.91 1.11 0.00	27.71 1.19 0.00	26.68 1.34 0.00	28.77 1.56 -0.42	32.72 1.76 -0.58	32.26 1.75 -1.85	31.64 2.01 -1.57	38.54 2.42 0.00	40.28 2.49 0.00	46.60 2.64 0.00	48.24 2.23 0.00	42.25 1.78 0.00	44.78 1.97 0.15	37.16 1.66 0.00	35.47 1.54 0.00	34.08 1.69 0.00
PJM_GEN_VFT_PROXY 323633	38.38 1.57 0.00	32.70 1.24 0.00	31.23 0.93 0.00	30.21 0.85 0.00	28.16 0.86 0.00	27.67 0.89 0.00	30.12 0.94 0.00	30.30 1.08 0.00	29.86 1.07 0.00	27.64 1.13 0.00	26.60 1.26 0.00	28.21 1.42 0.00	31.97 1.59 0.00	30.25 1.59 0.00	29.94 1.88 0.00	38.28 2.39 0.22	39.93 2.37 0.23	45.71 2.53 0.77	48.32 2.32 0.00	42.33 1.87 0.00	44.74 1.94 0.15	37.33 1.84 0.00	35.60 1.67 0.00	34.01 1.63 0.00
PLATSBURG_115KV_PMLD1 355749	38.64 1.84 0.00	32.89 1.42 0.00	31.67 1.37 0.00	30.59 1.23 0.00	28.37 1.08 0.00	27.94 1.16 0.00	30.55 1.38 0.00	30.71 1.50 0.00	30.17 1.37 0.00	27.77 1.25 0.00	26.56 1.23 0.00	28.00 1.21 0.00	31.85 1.48 0.00	30.03 1.37 0.00	29.33 1.27 0.00	37.70 1.58 0.00	39.32 1.54 0.00	45.86 1.91 0.00	48.04 2.03 0.00	42.37 1.90 0.00	45.01 2.06 0.00	36.74 1.25 0.00	35.40 1.47 0.00	33.61 1.22 0.00
PLEASANTVLY___LBMP 24000	37.90 1.10 0.00	32.34 0.87 0.00	30.97 0.67 0.00	29.96 0.59 0.00	27.89 0.59 0.00	27.40 0.62 0.00	29.84 0.67 0.00	29.97 0.76 0.00	29.51 0.72 0.00	27.25 0.73 0.00	26.17 0.83 0.00	27.70 0.91 0.00	31.37 0.99 0.00	29.67 1.01 0.00	29.35 1.28 0.00	37.78 1.67 0.00	39.51 1.72 0.00	45.87 1.91 0.00	47.79 1.78 0.00	41.95 1.48 0.00	44.46 1.51 0.00	36.90 1.41 0.00	35.13 1.20 0.00	33.58 1.20 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.26 1.46 0.00	32.60 1.13 0.00	31.18 0.88 0.00	30.14 0.77 0.00	28.07 0.78 0.00	27.59 0.81 0.00	30.04 0.87 0.00	30.20 0.98 0.00	29.75 0.95 0.00	27.51 1.00 0.00	26.45 1.12 0.00	28.04 1.25 0.00	31.76 1.39 0.00	30.06 1.40 0.00	29.75 1.69 0.00	38.29 2.18 0.00	40.02 2.24 0.00	46.41 2.45 0.00	48.28 2.27 0.00	42.35 1.88 0.00	44.89 1.94 0.00	37.25 1.76 0.00	35.47 1.54 0.00	33.90 1.52 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.26 1.46 0.00	32.60 1.13 0.00	31.18 0.88 0.00	30.14 0.77 0.00	28.07 0.78 0.00	27.59 0.81 0.00	30.04 0.87 0.00	30.20 0.98 0.00	29.75 0.95 0.00	27.51 1.00 0.00	26.45 1.12 0.00	28.04 1.25 0.00	31.76 1.39 0.00	30.06 1.40 0.00	29.75 1.69 0.00	38.29 2.18 0.00	40.02 2.24 0.00	46.41 2.45 0.00	48.28 2.27 0.00	42.35 1.88 0.00	44.89 1.94 0.00	37.25 1.76 0.00	35.47 1.54 0.00	33.90 1.52 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.15 1.35 0.00	32.51 1.04 0.00	31.14 0.84 0.00	30.11 0.74 0.00	28.03 0.74 0.00	27.54 0.76 0.00	30.00 0.83 0.00	30.14 0.92 0.00	29.69 0.89 0.00	27.39 0.87 0.00	26.30 0.96 0.00	27.83 1.04 0.00	31.53 1.15 0.00	29.86 1.20 0.00	29.56 1.50 0.00	38.10 1.99 0.00	39.88 2.09 0.00	46.38 2.42 0.00	48.32 2.31 0.00	42.41 1.95 0.00	44.91 1.95 0.00	37.22 1.73 0.00	35.41 1.48 0.00	33.82 1.43 0.00
POLETTI___ 23519	38.41 1.61 0.00	32.72 1.25 0.00	31.26 0.96 0.00	30.21 0.85 0.00	28.15 0.86 0.00	27.67 0.89 0.00	30.13 0.96 0.00	30.30 1.09 0.00	29.89 1.09 0.00	27.68 1.17 0.00	26.64 1.31 0.00	28.25 1.46 0.00	32.00 1.62 0.00	30.29 1.63 0.00	29.98 1.92 0.00	38.56 2.45 0.00	40.25 2.46 0.00	46.61 2.65 0.00	48.45 2.45 0.00	42.47 2.01 0.00	45.04 2.09 0.00	37.42 1.93 0.00	35.65 1.72 0.00	34.05 1.67 0.00
POMONA___ESR 323819	38.03 1.23 0.00	32.39 0.92 0.00	30.96 0.66 0.00	29.93 0.56 0.00	27.87 0.58 0.00	27.39 0.61 0.00	29.82 0.65 0.00	29.98 0.77 0.00	29.54 0.74 0.00	27.34 0.82 0.00	26.29 0.95 0.00	27.87 1.09 0.00	31.59 1.21 0.00	29.90 1.24 0.00	29.58 1.51 0.00	38.09 1.97 0.00	39.83 2.04 0.00	46.20 2.24 0.00	48.06 2.05 0.00	42.10 1.63 0.00	44.59 1.64 0.00	36.99 1.50 0.00	35.24 1.31 0.00	33.68 1.30 0.00
PORT_JEFF_3 23555	38.88 2.08 0.00	33.04 1.58 0.00	31.48 1.18 0.00	30.33 0.96 0.00	28.24 0.95 0.00	27.75 0.97 0.00	30.52 1.35 0.00	30.63 1.42 0.00	30.13 1.33 0.00	27.92 1.41 0.00	26.83 1.50 0.00	29.63 1.74 -1.10	33.77 1.99 -1.40	34.19 2.04 -3.49	33.35 2.33 -2.96	38.87 2.75 0.00	40.77 2.99 0.00	47.06 3.10 0.00	48.48 2.47 0.00	42.57 2.10 0.00	45.28 2.33 0.00	37.26 1.77 0.00	35.55 1.62 0.00	34.22 1.83 0.00

PORT_JEFF_4 23616	38.88 2.08 0.00	33.04 1.58 0.00	31.48 1.18 0.00	30.33 0.96 0.00	28.24 0.95 0.00	27.75 0.97 0.00	30.52 1.35 0.00	30.63 1.42 0.00	30.13 1.33 0.00	27.92 1.41 0.00	26.83 1.50 0.00	29.63 1.74 -1.10	33.77 1.99 -1.40	34.19 2.04 -3.49	33.35 2.33 -2.96	38.87 2.75 0.00	40.77 2.99 0.00	47.06 3.10 0.00	48.48 2.47 0.00	42.57 2.10 0.00	45.28 2.33 0.00	37.26 1.77 0.00	35.55 1.62 0.00	34.22 1.83 0.00
PORT_JEFF_IC 23713	38.91 2.11 0.00	33.06 1.59 0.00	31.50 1.20 0.00	30.34 0.97 0.00	28.26 0.96 0.00	27.77 0.99 0.00	30.55 1.37 0.00	30.64 1.43 0.00	30.14 1.34 0.00	27.94 1.42 0.00	26.85 1.52 0.00	29.67 1.77 -1.12	33.81 2.02 -1.41	34.24 2.08 -3.49	33.40 2.38 -2.96	38.94 2.82 0.00	40.85 3.06 0.00	47.01 3.05 0.00	48.41 2.40 0.00	42.66 2.19 0.00	45.34 2.39 0.00	37.30 1.80 0.00	35.58 1.65 0.00	34.24 1.85 0.00
PPL_PILGRIM_ST_GT1 24216	39.18 2.38 0.00	33.30 1.83 0.00	31.71 1.41 0.00	30.57 1.20 0.00	28.48 1.18 0.00	27.97 1.20 0.00	30.69 1.52 0.00	30.81 1.59 0.00	30.30 1.51 0.00	28.10 1.59 0.00	27.02 1.69 0.00	29.90 1.95 -1.17	34.03 2.20 -1.46	34.36 2.21 -3.49	33.50 2.47 -2.96	39.08 2.96 0.00	40.98 3.20 0.00	47.30 3.35 0.00	48.70 2.69 0.00	42.52 2.05 0.00	45.56 2.61 0.00	37.52 2.03 0.00	35.80 1.87 0.00	34.48 2.09 0.00
PPL_PILGRIM_ST_GT2 24217	39.18 2.38 0.00	33.30 1.83 0.00	31.71 1.41 0.00	30.57 1.20 0.00	28.48 1.18 0.00	27.97 1.20 0.00	30.69 1.52 0.00	30.81 1.59 0.00	30.30 1.51 0.00	28.10 1.59 0.00	27.02 1.69 0.00	29.90 1.95 -1.17	34.03 2.20 -1.46	34.36 2.21 -3.49	33.50 2.47 -2.96	39.08 2.96 0.00	40.98 3.20 0.00	47.30 3.35 0.00	48.70 2.69 0.00	42.52 2.05 0.00	45.56 2.61 0.00	37.52 2.03 0.00	35.80 1.87 0.00	34.48 2.09 0.00
PPL_SHRM_GT3 24213	38.65 1.85 0.00	32.84 1.37 0.00	31.28 0.98 0.00	30.10 0.74 0.00	28.04 0.75 0.00	27.56 0.78 0.00	30.44 1.26 0.00	30.39 1.17 0.00	29.83 1.03 0.00	27.63 1.13 0.00	26.55 1.22 0.00	29.32 1.43 -1.11	33.44 1.66 -1.40	33.92 1.77 -3.49	33.10 2.07 -2.96	38.56 2.44 0.00	40.53 2.74 0.00	47.00 3.04 0.00	48.29 2.28 0.00	42.29 1.82 0.00	44.94 1.99 0.00	36.92 1.43 0.00	35.23 1.30 0.00	33.86 1.48 0.00
PPL_SHRM_GT4 24214	38.65 1.85 0.00	32.84 1.37 0.00	31.28 0.98 0.00	30.10 0.74 0.00	28.04 0.75 0.00	27.56 0.78 0.00	30.44 1.26 0.00	30.39 1.17 0.00	29.83 1.03 0.00	27.63 1.13 0.00	26.55 1.22 0.00	29.32 1.43 -1.11	33.44 1.66 -1.40	33.92 1.77 -3.49	33.10 2.07 -2.96	38.56 2.44 0.00	40.53 2.74 0.00	47.00 3.04 0.00	48.29 2.28 0.00	42.29 1.82 0.00	44.94 1.99 0.00	36.92 1.43 0.00	35.23 1.30 0.00	33.86 1.48 0.00
PROJECT___ORANGE 1 24174	36.66 -0.14 0.00	31.35 -0.12 0.00	30.17 -0.14 0.00	29.24 -0.12 0.00	27.17 -0.13 0.00	26.64 -0.13 0.00	29.04 -0.14 0.00	29.05 -0.17 0.00	28.54 -0.26 0.00	26.27 -0.24 0.00	25.06 -0.27 0.00	26.55 -0.24 0.00	30.16 -0.22 0.00	28.52 -0.14 0.00	28.03 -0.03 0.00	36.16 0.05 0.00	37.83 0.04 0.00	44.05 0.09 0.00	46.08 0.07 0.00	40.52 0.05 0.00	42.92 -0.03 0.00	35.39 -0.10 0.00	33.74 -0.19 0.00	32.22 -0.16 0.00
PROJECT___ORANGE 2 24166	36.66 -0.14 0.00	31.35 -0.12 0.00	30.17 -0.14 0.00	29.24 -0.12 0.00	27.17 -0.13 0.00	26.64 -0.13 0.00	29.04 -0.14 0.00	29.05 -0.17 0.00	28.54 -0.26 0.00	26.27 -0.24 0.00	25.06 -0.27 0.00	26.55 -0.24 0.00	30.16 -0.22 0.00	28.52 -0.14 0.00	28.03 -0.03 0.00	36.16 0.05 0.00	37.83 0.04 0.00	44.05 0.09 0.00	46.08 0.07 0.00	40.52 0.05 0.00	42.92 -0.03 0.00	35.39 -0.10 0.00	33.74 -0.19 0.00	32.22 -0.16 0.00
PUCKETT___SOLAR 323809	37.31 0.51 0.00	31.80 0.33 0.00	30.56 0.26 0.00	29.58 0.21 0.00	27.49 0.20 0.00	26.98 0.20 0.00	29.44 0.27 0.00	29.51 0.29 0.00	28.90 0.11 0.00	26.71 0.20 0.00	25.41 0.07 0.00	26.89 0.10 0.00	30.54 0.16 0.00	28.89 0.23 0.00	28.46 0.40 0.00	36.83 0.71 0.00	38.58 0.79 0.00	45.11 1.15 0.00	47.27 1.26 0.00	41.65 1.18 0.00	44.13 1.17 0.00	36.25 0.76 0.00	34.52 0.59 0.00	32.94 0.55 0.00
PYRITES___HYD 24023	37.55 0.75 0.00	32.03 0.56 0.00	30.77 0.47 0.00	29.73 0.36 0.00	27.63 0.34 0.00	27.09 0.31 0.00	29.57 0.40 0.00	29.59 0.38 0.00	29.13 0.33 0.00	26.73 0.22 0.00	25.45 0.11 0.00	26.84 0.05 0.00	30.55 0.17 0.00	28.70 0.04 0.00	27.75 -0.31 0.00	35.62 -0.50 0.00	37.33 -0.46 0.00	43.82 -0.13 0.00	46.44 0.43 0.00	41.14 0.67 0.00	43.91 0.96 0.00	36.15 0.66 0.00	34.72 0.79 0.00	32.85 0.47 0.00
QUAKERRD_115KV_BK1 80622	35.46 -1.34 0.00	30.29 -1.18 0.00	29.15 -1.14 0.00	28.23 -1.14 0.00	26.17 -1.12 0.00	25.67 -1.11 0.00	28.06 -1.12 0.00	28.09 -1.12 0.00	27.57 -1.23 0.00	25.52 -0.99 0.00	24.40 -0.93 0.00	25.91 -0.88 0.00	29.50 -0.88 0.00	27.85 -0.81 0.00	27.33 -0.73 0.00	35.43 -0.69 0.00	37.01 -0.77 0.00	42.92 -1.03 0.00	44.92 -1.09 0.00	39.41 -1.05 0.00	41.76 -1.19 0.00	34.24 -1.25 0.00	32.66 -1.28 0.00	31.23 -1.16 0.00
QUENSBRY_115KV_TB8 356137	38.60 1.80 0.00	32.99 1.52 0.00	31.66 1.36 0.00	30.57 1.20 0.00	28.38 1.08 0.00	27.97 1.19 0.00	30.59 1.41 0.00	30.70 1.48 0.00	30.00 1.20 0.00	27.31 0.80 0.00	25.90 0.57 0.00	27.26 0.47 0.00	30.85 0.47 0.00	29.09 0.43 0.00	28.83 0.77 0.00	37.39 1.27 0.00	39.79 2.00 0.00	46.58 2.62 0.00	50.23 4.22 0.00	44.17 3.70 0.00	47.18 4.22 0.00	39.69 4.20 0.00	37.14 3.21 0.00	35.18 2.80 0.00
RAMAPO___LBMP 323565	37.86 1.06 0.00	32.25 0.78 0.00	30.83 0.54 0.00	29.81 0.45 0.00	27.77 0.47 0.00	27.28 0.51 0.00	29.70 0.52 0.00	29.86 0.64 0.00	29.42 0.62 0.00	27.21 0.70 0.00	26.16 0.82 0.00	27.74 0.95 0.00	31.42 1.04 0.00	29.71 1.06 0.00	29.39 1.33 0.00	37.84 1.72 0.00	39.57 1.78 0.00	45.92 1.96 0.00	47.79 1.78 0.00	41.87 1.41 0.00	44.36 1.41 0.00	36.80 1.31 0.00	35.07 1.14 0.00	33.52 1.14 0.00
RANKINE____ 23646	35.96 -0.84 0.00	30.63 -0.84 0.00	29.50 -0.79 0.00	28.56 -0.81 0.00	26.43 -0.87 0.00	25.88 -0.89 0.00	28.37 -0.80 0.00	28.45 -0.76 0.00	27.88 -0.92 0.00	26.05 -0.46 0.00	24.99 -0.35 0.00	26.56 -0.22 0.00	30.30 -0.08 0.00	28.50 -0.15 0.00	28.06 0.00 0.00	36.39 0.28 0.00	37.80 0.01 0.00	43.58 -0.38 0.00	45.38 -0.63 0.00	39.94 -0.54 0.00	42.30 -0.65 0.00	34.50 -0.98 0.00	32.98 -0.95 0.00	31.68 -0.71 0.00
RAVENSWOOD_GT2_1 24244	38.50 1.69 0.00	32.78 1.31 0.00	31.33 1.03 0.00	30.29 0.92 0.00	28.21 0.92 0.00	27.72 0.94 0.00	30.19 1.02 0.00	30.37 1.15 0.00	29.95 1.15 0.00	27.74 1.23 0.00	26.68 1.35 0.00	28.30 1.51 0.00	32.06 1.69 0.00	30.34 1.69 0.00	30.03 1.97 0.00	38.63 2.51 0.00	40.32 2.53 0.00	46.70 2.74 0.00	48.54 2.54 0.00	42.56 2.10 0.00	45.13 2.18 0.00	37.49 2.00 0.00	35.72 1.79 0.00	34.12 1.74 0.00

RAVENSWOOD_GT2_2 24245	38.50 1.69 0.00	32.78 1.31 0.00	31.33 1.03 0.00	30.29 0.92 0.00	28.21 0.92 0.00	27.72 0.94 0.00	30.19 1.02 0.00	30.37 1.15 0.00	29.95 1.15 0.00	27.74 1.23 0.00	26.68 1.35 0.00	28.30 1.51 0.00	32.06 1.69 0.00	30.34 1.69 0.00	30.03 1.97 0.00	38.63 2.51 0.00	40.32 2.53 0.00	46.70 2.74 0.00	48.54 2.54 0.00	42.56 2.10 0.00	45.13 2.18 0.00	37.49 2.00 0.00	35.72 1.79 0.00	34.12 1.74 0.00
RAVENSWOOD_GT2_3 24246	38.51 1.71 0.00	32.80 1.33 0.00	31.34 1.04 0.00	30.29 0.92 0.00	28.23 0.93 0.00	27.74 0.96 0.00	30.21 1.03 0.00	30.38 1.17 0.00	29.96 1.16 0.00	27.75 1.23 0.00	26.69 1.36 0.00	28.31 1.53 0.00	32.08 1.71 0.00	30.36 1.71 0.00	30.06 2.00 0.00	38.65 2.54 0.00	40.34 2.55 0.00	46.72 2.77 0.00	48.58 2.57 0.00	42.59 2.12 0.00	45.17 2.21 0.00	37.51 2.02 0.00	35.73 1.81 0.00	34.14 1.75 0.00
RAVENSWOOD_GT2_4 24247	38.51 1.71 0.00	32.80 1.33 0.00	31.34 1.04 0.00	30.29 0.92 0.00	28.23 0.93 0.00	27.74 0.96 0.00	30.21 1.03 0.00	30.38 1.17 0.00	29.96 1.16 0.00	27.75 1.23 0.00	26.69 1.36 0.00	28.31 1.53 0.00	32.08 1.71 0.00	30.36 1.71 0.00	30.06 2.00 0.00	38.65 2.54 0.00	40.34 2.55 0.00	46.72 2.77 0.00	48.58 2.57 0.00	42.59 2.12 0.00	45.17 2.21 0.00	37.51 2.02 0.00	35.73 1.81 0.00	34.14 1.75 0.00
RAVENSWOOD_GT3_1 24248	38.50 1.69 0.00	32.78 1.32 0.00	31.33 1.03 0.00	30.29 0.92 0.00	28.21 0.92 0.00	27.72 0.95 0.00	30.19 1.02 0.00	30.37 1.16 0.00	29.95 1.15 0.00	27.74 1.23 0.00	26.68 1.35 0.00	28.30 1.51 0.00	32.06 1.69 0.00	30.34 1.69 0.00	30.03 1.97 0.00	38.63 2.51 0.00	40.32 2.53 0.00	46.70 2.74 0.00	48.55 2.54 0.00	42.56 2.10 0.00	45.13 2.18 0.00	37.49 2.00 0.00	35.72 1.79 0.00	34.12 1.74 0.00
RAVENSWOOD_GT3_2 24249	38.50 1.69 0.00	32.78 1.32 0.00	31.33 1.03 0.00	30.29 0.92 0.00	28.21 0.92 0.00	27.72 0.95 0.00	30.19 1.02 0.00	30.37 1.16 0.00	29.95 1.15 0.00	27.74 1.23 0.00	26.68 1.35 0.00	28.30 1.51 0.00	32.06 1.69 0.00	30.34 1.69 0.00	30.03 1.97 0.00	38.63 2.51 0.00	40.32 2.53 0.00	46.70 2.74 0.00	48.55 2.54 0.00	42.56 2.10 0.00	45.13 2.18 0.00	37.49 2.00 0.00	35.72 1.79 0.00	34.12 1.74 0.00
RAVENSWOOD_GT3_3 24250	38.55 1.75 0.00	32.83 1.37 0.00	31.38 1.08 0.00	30.32 0.96 0.00	28.26 0.96 0.00	27.77 0.99 0.00	30.24 1.07 0.00	30.41 1.20 0.00	30.00 1.20 0.00	27.78 1.27 0.00	26.73 1.39 0.00	28.35 1.57 0.00	32.12 1.75 0.00	30.40 1.74 0.00	30.09 2.03 0.00	38.70 2.59 0.00	40.40 2.61 0.00	46.79 2.83 0.00	48.63 2.62 0.00	42.63 2.17 0.00	45.21 2.26 0.00	37.56 2.07 0.00	35.78 1.85 0.00	34.17 1.79 0.00
RAVENSWOOD_GT3_4 24251	38.55 1.75 0.00	32.83 1.37 0.00	31.38 1.08 0.00	30.32 0.96 0.00	28.26 0.96 0.00	27.77 0.99 0.00	30.24 1.07 0.00	30.41 1.20 0.00	30.00 1.20 0.00	27.78 1.27 0.00	26.73 1.39 0.00	28.35 1.57 0.00	32.12 1.75 0.00	30.40 1.74 0.00	30.09 2.03 0.00	38.70 2.59 0.00	40.40 2.61 0.00	46.79 2.83 0.00	48.63 2.62 0.00	42.63 2.17 0.00	45.21 2.26 0.00	37.56 2.07 0.00	35.78 1.85 0.00	34.17 1.79 0.00
RAVENSWOOD_GT_1 23729	38.61 1.81 0.00	32.88 1.41 0.00	31.41 1.11 0.00	30.37 1.00 0.00	28.30 1.01 0.00	27.81 1.03 0.00	30.27 1.10 0.00	30.45 1.24 0.00	30.06 1.26 0.00	27.84 1.														

RAVENSWOOD_GT_9 24257	38.49 1.69 0.00	32.78 1.31 0.00	31.32 1.03 0.00	30.29 0.92 0.00	28.21 0.92 0.00	27.72 0.94 0.00	30.19 1.02 0.00	30.37 1.15 0.00	29.95 1.15 0.00	27.74 1.23 0.00	26.68 1.34 0.00	28.30 1.51 0.00	32.06 1.68 0.00	30.34 1.68 0.00	30.03 1.97 0.00	38.62 2.51 0.00	40.32 2.53 0.00	46.70 2.74 0.00	48.55 2.54 0.00	42.56 2.10 0.00	45.12 2.17 0.00	37.49 2.00 0.00	35.72 1.79 0.00	34.12 1.74 0.00
RAVENSWOOD___1 23533	38.55 1.75 0.00	32.83 1.36 0.00	31.36 1.06 0.00	30.32 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.23 1.06 0.00	30.40 1.19 0.00	30.01 1.21 0.00	27.79 1.27 0.00	26.72 1.38 0.00	28.33 1.55 0.00	32.13 1.76 0.00	30.40 1.74 0.00	30.09 2.03 0.00	38.70 2.58 0.00	40.38 2.59 0.00	46.72 2.77 0.00	48.56 2.56 0.00	42.59 2.12 0.00	45.18 2.23 0.00	37.55 2.06 0.00	35.76 1.83 0.00	34.16 1.78 0.00
RAVENSWOOD___2 23534	38.55 1.75 0.00	32.83 1.36 0.00	31.36 1.06 0.00	30.32 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.23 1.06 0.00	30.40 1.19 0.00	30.01 1.21 0.00	27.79 1.27 0.00	26.72 1.38 0.00	28.33 1.55 0.00	32.13 1.76 0.00	30.40 1.74 0.00	30.09 2.03 0.00	38.70 2.58 0.00	40.38 2.59 0.00	46.72 2.77 0.00	48.56 2.56 0.00	42.59 2.12 0.00	45.18 2.23 0.00	37.55 2.06 0.00	35.76 1.83 0.00	34.16 1.78 0.00
RAVENSWOOD___3 23535	38.50 1.70 0.00	32.79 1.32 0.00	31.33 1.03 0.00	30.29 0.92 0.00	28.22 0.92 0.00	27.72 0.95 0.00	30.20 1.03 0.00	30.37 1.16 0.00	29.95 1.15 0.00	27.74 1.23 0.00	26.68 1.34 0.00	28.29 1.50 0.00	32.07 1.69 0.00	30.34 1.69 0.00	30.04 1.97 0.00	38.63 2.51 0.00	40.32 2.53 0.00	46.70 2.75 0.00	48.55 2.54 0.00	42.57 2.10 0.00	45.13 2.18 0.00	37.49 2.00 0.00	35.72 1.79 0.00	34.12 1.74 0.00
RAVENSWOOD___4 23820	38.55 1.75 0.00	32.83 1.36 0.00	31.36 1.06 0.00	30.32 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.23 1.06 0.00	30.40 1.19 0.00	30.01 1.21 0.00	27.79 1.27 0.00	26.72 1.38 0.00	28.33 1.55 0.00	32.13 1.76 0.00	30.40 1.74 0.00	30.09 2.03 0.00	38.70 2.58 0.00	40.38 2.59 0.00	46.72 2.77 0.00	48.56 2.56 0.00	42.59 2.12 0.00	45.18 2.23 0.00	37.55 2.06 0.00	35.76 1.83 0.00	34.16 1.78 0.00
RCPL_TRUST___DRP 24196	38.51 1.71 0.00	32.80 1.33 0.00	31.34 1.04 0.00	30.29 0.92 0.00	28.22 0.93 0.00	27.74 0.96 0.00	30.20 1.03 0.00	30.38 1.17 0.00	29.96 1.16 0.00	27.76 1.24 0.00	26.70 1.37 0.00	28.33 1.54 0.00	32.10 1.72 0.00	30.38 1.72 0.00	30.06 2.00 0.00	38.67 2.56 0.00	40.36 2.57 0.00	46.77 2.81 0.00	48.62 2.62 0.00	42.61 2.15 0.00	45.18 2.22 0.00	37.52 2.03 0.00	35.74 1.81 0.00	34.14 1.75 0.00
RED___ROCHESTER 323720	36.46 -0.34 0.00	31.12 -0.35 0.00	29.94 -0.36 0.00	28.97 -0.40 0.00	26.84 -0.46 0.00	26.33 -0.45 0.00	28.79 -0.38 0.00	28.84 -0.37 0.00	28.28 -0.52 0.00	26.23 -0.29 0.00	25.11 -0.22 0.00	26.73 -0.06 0.00	30.44 0.06 0.00	28.75 0.09 0.00	28.23 0.17 0.00	36.65 0.54 0.00	38.28 0.49 0.00	44.39 0.43 0.00	46.44 0.44 0.00	40.75 0.28 0.00	43.16 0.21 0.00	35.31 -0.18 0.00	33.66 -0.27 0.00	32.17 -0.21 0.00
REGAN___SOLAR 323812	39.00 2.20 0.00	33.30 1.83 0.00	31.97 1.67 0.00	30.97 1.61 0.00	28.78 1.48 0.00	28.24 1.46 0.00	30.82 1.65 0.00	30.75 1.53 0.00	29.93 1.13 0.00	26.92 0.41 0.00	25.17 -0.17 0.00	26.57 -0.22 0.00	30.21 -0.17 0.00	28.61 -0.05 0.00	28.17 0.11 0.00	36.35 0.24 0.00	38.38 0.59 0.00	45.61 1.65 0.00	49.19 3.18 0.00	43.57 3.10 0.00	46.20 3.25 0.00	38.05 2.56 0.00	36.18 2.25 0.00	34.48 2.09 0.00
RENSSELAER___COGEN 23796	36.94 0.14 0.00	31.70 0.23 0.00	30.68 0.39 0.00	29.74 0.37 0.00	27.65 0.35 0.00	27.21 0.43 0.00	29.59 0.42 0.00	29.71 0.50 0.00	29.11 0.31 0.00	26.56 0.04 0.00	25.46 0.13 0.00	26.77 -0.01 0.00	30.25 -0.12 0.00	28.57 -0.09 0.00	28.21 0.15 0.00	36.38 0.26 0.00	38.10 0.32 0.00	44.35 0.40 0.00	46.51 0.50 0.00	40.95 0.48 0.00	43.43 0.47 0.00	36.01 0.52 0.00	34.26 0.32 0.00	32.73 0.35 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.57 3.77 0.00	34.68 3.22 0.00	33.18 2.88 0.00	31.82 2.46 0.00	29.48 2.19 0.00	29.19 2.42 0.00	32.06 2.89 0.00	32.22 3.01 0.00	31.30 2.50 0.00	28.28 1.77 0.00	26.86 1.53 0.00	28.17 1.38 0.00	31.93 1.55 0.00	30.35 1.70 0.00	30.17 2.11 0.00	39.29 3.17 0.00	41.92 4.13 0.00	49.06 5.10 0.00	52.79 6.79 0.00	48.14 7.67 0.00	50.90 7.94 0.00	40.89 5.40 0.00	37.86 3.93 0.00	35.74 3.36 0.00
REVERE_CPPR_DRP 24186	38.18 1.38 0.00	32.54 1.07 0.00	31.25 0.95 0.00	30.27 0.90 0.00	28.14 0.84 0.00	27.61 0.83 0.00	30.12 0.95 0.00	30.17 0.95 0.00	29.50 0.71 0.00	27.01 0.50 0.00	25.76 0.42 0.00	27.27 0.48 0.00	30.97 0.59 0.00	29.32 0.66 0.00	28.81 0.75 0.00	37.23 1.12 0.00	39.11 1.32 0.00	45.74 1.79 0.00	48.19 2.18 0.00	42.48 2.01 0.00	45.00 2.05 0.00	37.02 1.53 0.00	35.26 1.33 0.00	33.55 1.17 0.00
REYNOLDS_115KV_TB3 80639	37.20 0.40 0.00	31.92 0.45 0.00	30.83 0.53 0.00	29.88 0.52 0.00	27.78 0.48 0.00	27.34 0.56 0.00	29.74 0.56 0.00	29.86 0.65 0.00	29.25 0.45 0.00	26.74 0.23 0.00	25.63 0.30 0.00	26.96 0.18 0.00	30.44 0.06 0.00	28.73 0.07 0.00	28.38 0.32 0.00	36.60 0.48 0.00	38.32 0.53 0.00	44.58 0.63 0.00	46.74 0.73 0.00	41.18 0.71 0.00	43.66 0.70 0.00	36.26 0.77 0.00	34.48 0.55 0.00	32.97 0.59 0.00
RIVERBAY____ 323610	38.90 2.10 0.00	33.15 1.68 0.00	31.68 1.38 0.00	30.65 1.28 0.00	28.57 1.27 0.00	28.05 1.28 0.00	30.53 1.35 0.00	30.69 1.48 0.00	30.30 1.50 0.00	28.03 1.52 0.00	26.91 1.58 0.00	28.56 1.77 0.00	32.33 1.95 0.00	30.60 1.94 0.00	30.30 2.24 0.00	38.94 2.82 0.00	40.70 2.92 0.00	47.17 3.21 0.00	49.03 3.03 0.00	42.99 2.52 0.00	45.59 2.64 0.00	37.83 2.34 0.00	36.00 2.07 0.00	34.42 2.04 0.00
RIVERSDE_115KV_TB3 55908	37.11 0.30 0.00	31.84 0.37 0.00	30.80 0.50 0.00	29.83 0.46 0.00	27.74 0.44 0.00	27.30 0.52 0.00	29.69 0.52 0.00	29.82 0.60 0.00	29.20 0.40 0.00	26.67 0.16 0.00	25.57 0.23 0.00	26.90 0.11 0.00	30.39 0.02 0.00	28.70 0.04 0.00	28.35 0.29 0.00	36.55 0.43 0.00	38.28 0.50 0.00	44.56 0.60 0.00	46.72 0.71 0.00	41.14 0.67 0.00	43.61 0.66 0.00	36.19 0.70 0.00	34.42 0.49 0.00	32.89 0.50 0.00
ROARING___BROOK_WT_PWR 323790	36.70 -0.10 0.00	31.38 -0.09 0.00	30.21 -0.08 0.00	29.27 -0.10 0.00	27.20 -0.09 0.00	26.67 -0.11 0.00	29.07 -0.11 0.00	29.10 -0.11 0.00	28.74 -0.05 0.00	26.51 -0.01 0.00	25.32 -0.02 0.00	26.75 -0.04 0.00	30.38 0.00 0.00	28.60 -0.06 0.00	27.86 -0.20 0.00	35.79 -0.33 0.00	37.45 -0.34 0.00	43.58 -0.38 0.00	45.65 -0.36 0.00	40.19 -0.28 0.00	42.77 -0.19 0.00	35.29 -0.20 0.00	33.84 -0.09 0.00	32.20 -0.19 0.00

ROCHESRG_115KV_T4 355643	35.92 -0.88 0.00	30.67 -0.80 0.00	29.52 -0.78 0.00	28.59 -0.78 0.00	26.49 -0.80 0.00	25.98 -0.80 0.00	28.41 -0.77 0.00	28.44 -0.77 0.00	27.90 -0.90 0.00	25.86 -0.65 0.00	24.74 -0.59 0.00	26.29 -0.50 0.00	29.93 -0.44 0.00	28.23 -0.43 0.00	27.73 -0.33 0.00	35.93 -0.18 0.00	37.50 -0.29 0.00	43.41 -0.55 0.00	45.42 -0.59 0.00	39.89 -0.58 0.00	42.27 -0.68 0.00	34.63 -0.86 0.00	33.05 -0.88 0.00	31.63 -0.75 0.00
ROCHESTER_9_IC 23652	36.37 -0.43 0.00	31.04 -0.43 0.00	29.86 -0.44 0.00	28.90 -0.46 0.00	26.78 -0.51 0.00	26.27 -0.51 0.00	28.73 -0.44 0.00	28.77 -0.44 0.00	28.22 -0.58 0.00	26.17 -0.35 0.00	25.04 -0.29 0.00	26.63 -0.16 0.00	30.34 -0.04 0.00	28.65 -0.01 0.00	28.14 0.08 0.00	36.53 0.41 0.00	38.13 0.34 0.00	44.20 0.24 0.00	46.26 0.25 0.00	40.59 0.12 0.00	42.98 0.03 0.00	35.18 -0.32 0.00	33.54 -0.39 0.00	32.07 -0.31 0.00
ROCKVIEW_13_KV_LD 356306	38.48 1.68 0.00	32.77 1.31 0.00	31.32 1.03 0.00	30.27 0.91 0.00	28.19 0.90 0.00	27.71 0.94 0.00	30.19 1.01 0.00	30.35 1.14 0.00	29.92 1.12 0.00	27.70 1.18 0.00	26.64 1.31 0.00	28.26 1.47 0.00	32.03 1.65 0.00	30.31 1.65 0.00	30.00 1.94 0.00	38.60 2.49 0.00	40.31 2.53 0.00	46.72 2.76 0.00	48.58 2.57 0.00	42.59 2.13 0.00	45.15 2.20 0.00	37.48 1.99 0.00	35.71 1.78 0.00	34.12 1.73 0.00
ROME____115KV_TB2 80656	38.18 1.38 0.00	32.54 1.07 0.00	31.25 0.95 0.00	30.27 0.90 0.00	28.14 0.84 0.00	27.61 0.83 0.00	30.12 0.95 0.00	30.17 0.95 0.00	29.50 0.71 0.00	27.01 0.50 0.00	25.76 0.42 0.00	27.27 0.48 0.00	30.97 0.59 0.00	29.32 0.66 0.00	28.81 0.75 0.00	37.23 1.12 0.00	39.11 1.32 0.00	45.74 1.79 0.00	48.19 2.18 0.00	42.48 2.01 0.00	45.00 2.05 0.00	37.02 1.53 0.00	35.26 1.33 0.00	33.55 1.17 0.00
ROSETON____1 23587	37.86 1.06 0.00	32.28 0.81 0.00	30.91 0.62 0.00	29.91 0.54 0.00	27.85 0.55 0.00	27.36 0.58 0.00	29.79 0.62 0.00	29.92 0.71 0.00	29.47 0.67 0.00	27.21 0.70 0.00	26.14 0.80 0.00	27.67 0.88 0.00	31.34 0.96 0.00	29.65 0.99 0.00	29.32 1.25 0.00	37.75 1.64 0.00	39.47 1.68 0.00	45.81 1.86 0.00	47.72 1.72 0.00	41.89 1.42 0.00	44.40 1.44 0.00	36.83 1.34 0.00	35.08 1.15 0.00	33.53 1.15 0.00
ROSETON____2 23588	37.86 1.06 0.00	32.28 0.81 0.00	30.91 0.62 0.00	29.91 0.54 0.00	27.85 0.55 0.00	27.36 0.58 0.00	29.79 0.62 0.00	29.92 0.71 0.00	29.47 0.67 0.00	27.21 0.70 0.00	26.14 0.80 0.00	27.67 0.88 0.00	31.34 0.96 0.00	29.65 0.99 0.00	29.32 1.25 0.00	37.75 1.64 0.00	39.47 1.68 0.00	45.81 1.86 0.00	47.72 1.72 0.00	41.89 1.42 0.00	44.40 1.44 0.00	36.83 1.34 0.00	35.08 1.15 0.00	33.53 1.15 0.00
ROTRRDAM_115KV_TB3 80664	37.61 0.81 0.00	32.16 0.69 0.00	30.94 0.64 0.00	29.98 0.62 0.00	27.88 0.58 0.00	27.38 0.60 0.00	29.83 0.66 0.00	29.88 0.67 0.00	29.31 0.51 0.00	26.87 0.35 0.00	25.66 0.33 0.00	27.09 0.30 0.00	30.67 0.29 0.00	28.97 0.32 0.00	28.57 0.51 0.00	36.85 0.74 0.00	38.66 0.88 0.00	45.08 1.13 0.00	47.45 1.44 0.00	41.70 1.23 0.00	44.19 1.24 0.00	36.58 1.09 0.00	34.84 0.91 0.00	33.27 0.89 0.00
RUSSELL____1 23602	36.46 -0.34 0.00	31.12 -0.35 0.00	29.93 -0.37 0.00	28.97 -0.40 0.00	26.84 -0.46 0.00	26.33 -0.45 0.00	28.79 -0.38 0.00	28.84 -0.37 0.00	28.28 -0.52 0.00	26.23 -0.28 0.00	25.11 -0.23 0.00	26.71 -0.08 0.00	30.44 0.06 0.00	28.75 0.09 0.00	28.23 0.17 0.00	36.66 0.55 0.00	38.28 0.49 0.00	44.39 0.43 0.00	46.45 0.44 0.00	40.75 0.28 0.00	43.16 0.20 0.00	35.30 -0.19 0.00	33.66 -0.28 0.00	32.17 -0.21 0.00
RUSSELL____2 23532	36.46 -0.34 0.00	31.12 -0.35 0.00	29.93 -0.37 0.00	28.97 -0.40 0.00	26.84 -0.46 0.00	26.33 -0.45 0.00	28.79 -0.38 0.00	28.84 -0.37 0.00	28.28 -0.52 0.00	26.23 -0.28 0.00	25.11 -0.23 0.00	26.71 -0.08 0.00	30.44 0.06 0.00	28.75 0.09 0.00	28.23 0.17 0.00	36.66 0.55 0.00	38.28 0.49 0.00	44.39 0.43 0.00	46.45 0.44 0.00	40.75 0.28 0.00	43.16 0.20 0.00	35.30 -0.19 0.00	33.66 -0.28 0.00	32.17 -0.21 0.00
RUSSELL____3 23549	36.46 -0.34 0.00	31.12 -0.35 0.00	29.93 -0.37 0.00	28.97 -0.40 0.00	26.84 -0.46 0.00	26.33 -0.45 0.00	28.79 -0.38 0.00	28.84 -0.37 0.00	28.28 -0.52 0.00	26.23 -0.28 0.00	25.11 -0.23 0.00	26.71 -0.08 0.00	30.44 0.06 0.00	28.75 0.09 0.00	28.23 0.17 0.00	36.66 0.55 0.00	38.28 0.49 0.00	44.39 0.43 0.00	46.45 0.44 0.00	40.75 0.28 0.00	43.16 0.20 0.00	35.30 -0.19 0.00	33.66 -0.28 0.00	32.17 -0.21 0.00
RUSSELL____4 23556	36.46 -0.34 0.00	31.12 -0.35 0.00	29.93 -0.37 0.00	28.97 -0.40 0.00	26.84 -0.46 0.00	26.33 -0.45 0.00	28.79 -0.38 0.00	28.84 -0.37 0.00	28.28 -0.52 0.00	26.23 -0.28 0.00	25.11 -0.23 0.00	26.71 -0.08 0.00	30.44 0.06 0.00	28.75 0.09 0.00	28.23 0.17 0.00	36.66 0.55 0.00	38.28 0.49 0.00	44.39 0.43 0.00	46.45 0.44 0.00	40.75 0.28 0.00	43.16 0.20 0.00	35.30 -0.19 0.00	33.66 -0.28 0.00	32.17 -0.21 0.00
RUSSELL____STATION 23914	36.46 -0.34 0.00	31.12 -0.35 0.00	29.93 -0.37 0.00	28.97 -0.40 0.00	26.84 -0.46 0.00	26.33 -0.45 0.00	28.79 -0.38 0.00	28.84 -0.37 0.00	28.28 -0.52 0.00	26.23 -0.28 0.00	25.11 -0.23 0.00	26.71 -0.08 0.00	30.44 0.06 0.00	28.75 0.09 0.00	28.23 0.17 0.00	36.66 0.55 0.00	38.28 0.49 0.00	44.39 0.43 0.00	46.45 0.44 0.00	40.75 0.28 0.00	43.16 0.20 0.00	35.30 -0.19 0.00	33.66 -0.28 0.00	32.17 -0.21 0.00
S SALMON____HYD 24043	37.01 0.20 0.00	31.62 0.15 0.00	30.40 0.10 0.00	29.46 0.09 0.00	27.36 0.07 0.00	26.80 0.03 0.00	29.24 0.06 0.00	29.25 0.04 0.00	28.66 -0.14 0.00	26.27 -0.24 0.00	25.00 -0.33 0.00	26.49 -0.30 0.00	30.10 -0.28 0.00	28.43 -0.23 0.00	27.86 -0.20 0.00	35.86 -0.26 0.00	37.66 -0.12 0.00	44.02 0.06 0.00	46.33 0.32 0.00	40.93 0.46 0.00	43.39 0.44 0.00	35.84 0.35 0.00	34.16 0.23 0.00	32.55 0.16 0.00
S.PERRY__115KV_TB1 80734	37.17 0.36 0.00	31.65 0.19 0.00	30.44 0.14 0.00	29.47 0.10 0.00	27.31 0.02 0.00	26.78 0.01 0.00	29.36 0.19 0.00	29.47 0.25 0.00	28.74 -0.06 0.00	26.38 -0.13 0.00	25.24 -0.09 0.00	26.85 0.06 0.00	30.60 0.22 0.00	28.85 0.19 0.00	28.38 0.32 0.00	36.81 0.70 0.00	38.37 0.58 0.00	44.55 0.59 0.00	46.98 0.97 0.00	41.77 1.30 0.00	44.27 1.32 0.00	36.08 0.59 0.00	34.37 0.44 0.00	32.80 0.42 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.48 -1.32 0.00	30.25 -1.22 0.00	29.16 -1.14 0.00	28.21 -1.16 0.00	26.10 -1.19 0.00	25.56 -1.22 0.00	28.03 -1.15 0.00	28.09 -1.13 0.00	27.51 -1.29 0.00	25.70 -0.81 0.00	24.63 -0.70 0.00	26.19 -0.60 0.00	29.87 -0.51 0.00	28.06 -0.59 0.00	27.62 -0.44 0.00	35.78 -0.34 0.00	37.17 -0.61 0.00	42.79 -1.17 0.00	44.59 -1.42 0.00	39.23 -1.24 0.00	41.59 -1.36 0.00	33.96 -1.53 0.00	32.50 -1.43 0.00	31.25 -1.14 0.00

SAWYER___23_KV_LOAD 55526	35.48 -1.32 0.00	30.25 -1.22 0.00	29.16 -1.14 0.00	28.21 -1.16 0.00	26.10 -1.19 0.00	25.56 -1.22 0.00	28.03 -1.15 0.00	28.09 -1.13 0.00	27.51 -1.29 0.00	25.70 -0.81 0.00	24.63 -0.70 0.00	26.19 -0.60 0.00	29.87 -0.51 0.00	28.06 -0.59 0.00	27.62 -0.44 0.00	35.78 -0.34 0.00	37.17 -0.61 0.00	42.79 -1.17 0.00	44.59 -1.42 0.00	39.23 -1.24 0.00	41.59 -1.36 0.00	33.96 -1.53 0.00	32.50 -1.43 0.00	31.25 -1.14 0.00
SELKIRK___I 23801	37.34 0.54 0.00	31.99 0.53 0.00	30.93 0.63 0.00	30.00 0.64 0.00	27.89 0.60 0.00	27.42 0.64 0.00	29.84 0.67 0.00	29.89 0.68 0.00	29.22 0.42 0.00	26.66 0.15 0.00	25.56 0.23 0.00	26.92 0.13 0.00	30.42 0.04 0.00	28.71 0.06 0.00	28.33 0.27 0.00	36.51 0.40 0.00	38.24 0.45 0.00	44.62 0.66 0.00	46.85 0.84 0.00	41.29 0.82 0.00	43.80 0.85 0.00	36.28 0.79 0.00	34.54 0.61 0.00	33.01 0.63 0.00
SELKIRK___II 23799	37.11 0.31 0.00	31.80 0.33 0.00	30.76 0.47 0.00	29.82 0.45 0.00	27.73 0.43 0.00	27.27 0.49 0.00	29.67 0.50 0.00	29.77 0.56 0.00	29.16 0.36 0.00	26.63 0.12 0.00	25.52 0.19 0.00	26.86 0.07 0.00	30.36 -0.02 0.00	28.67 0.02 0.00	28.30 0.24 0.00	36.49 0.37 0.00	38.22 0.44 0.00	44.52 0.56 0.00	46.68 0.67 0.00	41.11 0.64 0.00	43.59 0.63 0.00	36.13 0.64 0.00	34.38 0.45 0.00	32.84 0.46 0.00
SENECA OSWGO___HYD 24041	36.40 -0.40 0.00	31.16 -0.31 0.00	29.98 -0.32 0.00	29.08 -0.29 0.00	26.99 -0.30 0.00	26.47 -0.30 0.00	28.84 -0.33 0.00	28.85 -0.36 0.00	28.36 -0.44 0.00	26.08 -0.43 0.00	24.85 -0.48 0.00	26.27 -0.52 0.00	29.83 -0.55 0.00	28.18 -0.48 0.00	27.68 -0.38 0.00	35.71 -0.40 0.00	37.38 -0.40 0.00	43.53 -0.42 0.00	45.63 -0.38 0.00	40.18 -0.29 0.00	42.57 -0.38 0.00	35.09 -0.40 0.00	33.46 -0.47 0.00	31.95 -0.43 0.00
SENECA___115KV_TB3 355854	36.02 -0.78 0.00	30.68 -0.79 0.00	29.55 -0.75 0.00	28.60 -0.77 0.00	26.46 -0.83 0.00	25.92 -0.86 0.00	28.42 -0.75 0.00	28.49 -0.72 0.00	27.92 -0.88 0.00	26.09 -0.42 0.00	25.02 -0.31 0.00	26.60 -0.18 0.00	30.36 -0.02 0.00	28.55 -0.11 0.00	28.11 0.06 0.00	36.47 0.35 0.00	37.87 0.08 0.00	43.67 -0.29 0.00	45.47 -0.53 0.00	40.01 -0.46 0.00	42.39 -0.57 0.00	34.58 -0.91 0.00	33.04 -0.89 0.00	31.74 -0.65 0.00
SENECA___ENERGY 23797	36.24 -0.56 0.00	30.90 -0.56 0.00	29.78 -0.52 0.00	28.87 -0.50 0.00	26.76 -0.53 0.00	26.28 -0.50 0.00	28.69 -0.48 0.00	28.74 -0.48 0.00	28.18 -0.62 0.00	26.01 -0.51 0.00	24.76 -0.57 0.00	26.32 -0.47 0.00	29.89 -0.49 0.00	28.31 -0.35 0.00	27.81 -0.25 0.00	35.95 -0.17 0.00	37.63 -0.16 0.00	43.85 -0.10 0.00	45.94 -0.07 0.00	40.39 -0.08 0.00	42.76 -0.19 0.00	35.15 -0.34 0.00	33.44 -0.49 0.00	31.94 -0.44 0.00
SHOEMAKER___GT 23640	37.71 0.91 0.00	32.16 0.69 0.00	30.82 0.52 0.00	29.82 0.45 0.00	27.75 0.46 0.00	27.26 0.48 0.00	29.68 0.51 0.00	29.80 0.58 0.00	29.32 0.52 0.00	27.05 0.54 0.00	25.95 0.61 0.00	27.47 0.68 0.00	31.12 0.74 0.00	29.44 0.78 0.00	29.07 1.01 0.00	37.47 1.35 0.00	39.21 1.43 0.00	45.61 1.65 0.00	47.60 1.59 0.00	41.79 1.32 0.00	44.29 1.33 0.00	36.69 1.20 0.00	34.94 1.01 0.00	33.38 1.00 0.00
SHOEMAKR_138KV_BK 111 55601	37.70 0.90 0.00	32.15 0.68 0.00	30.80 0.50 0.00	29.80 0.43 0.00	27.74 0.45 0.00	27.24 0.46 0.00	29.67 0.50 0.00	29.79 0.58 0.00	29.32 0.52 0.00	27.06 0.55 0.00	25.96 0.63 0.00	27.50 0.72 0.00	31.14 0.77 0.00	29.47 0.81 0.00	29.10 1.03 0.00	37.50 1.38 0.00	39.23 1.44 0.00	45.61 1.65 0.00	47.58 1.57 0.00	41.75 1.28 0.00	44.25 1.30 0.00	36.67 1.18 0.00	34.92 0.99 0.00	33.37 0.98 0.00
SHOREHAM_IC_1 23715	38.65 1.85 0.00	32.84 1.37 0.00	31.28 0.98 0.00	30.10 0.74 0.00	28.04 0.75 0.00	27.56 0.78 0.00	30.44 1.26 0.00	30.39 1.17 0.00	29.83 1.03 0.00	27.63 1.13 0.00	26.55 1.22 0.00	29.32 1.43 -1.11	33.44 1.66 -1.40	33.92 1.77 -3.49	33.10 2.07 -2.96	38.56 2.44 0.00	40.53 2.74 0.00	47.00 3.04 0.00	48.29 2.28 0.00	42.29 1.82 0.00	44.94 1.99 0.00	36.92 1.43 0.00	35.23 1.30 0.00	33.86 1.48 0.00
SHOREHAM_IC_2 23716	38.65 1.85 0.00	32.84 1.37 0.00	31.28 0.98 0.00	30.10 0.74 0.00	28.04 0.75 0.00	27.56 0.78 0.00	30.44 1.26 0.00	30.39 1.17 0.00	29.83 1.03 0.00	27.63 1.13 0.00	26.55 1.22 0.00	29.32 1.43 -1.11	33.44 1.66 -1.40	33.92 1.77 -3.49	33.10 2.07 -2.96	38.56 2.44 0.00	40.53 2.74 0.00	47.00 3.04 0.00	48.29 2.28 0.00	42.29 1.82 0.00	44.94 1.99 0.00	36.92 1.43 0.00	35.23 1.30 0.00	33.86 1.48 0.00
SISSONVILLE____ 23735	36.91 0.11 0.00	31.50 0.03 0.00	30.24 -0.06 0.00	29.19 -0.18 0.00	27.13 -0.16 0.00	26.61 -0.17 0.00	29.03 -0.14 0.00	29.07 -0.15 0.00	28.69 -0.11 0.00	26.42 -0.10 0.00	25.20 -0.14 0.00	26.59 -0.20 0.00	30.26 -0.11 0.00	28.44 -0.22 0.00	27.53 -0.53 0.00	35.33 -0.78 0.00	36.99 -0.79 0.00	43.28 -0.67 0.00	45.59 -0.42 0.00	40.27 -0.20 0.00	42.97 0.02 0.00	35.43 -0.06 0.00	34.03 0.10 0.00	32.23 -0.16 0.00
SITHE_IND_GS1 24169	36.02 -0.78 0.00	30.85 -0.62 0.00	29.70 -0.60 0.00	28.81 -0.55 0.00	26.76 -0.53 0.00	26.24 -0.54 0.00	28.58 -0.59 0.00	28.57 -0.64 0.00	28.10 -0.70 0.00	25.84 -0.67 0.00	24.62 -0.72 0.00	26.04 -0.74 0.00	29.56 -0.82 0.00	27.91 -0.75 0.00	27.40 -0.66 0.00	35.33 -0.79 0.00	36.95 -0.83 0.00	42.97 -0.99 0.00	44.98 -1.03 0.00	39.58 -0.89 0.00	41.96 -0.99 0.00	34.61 -0.88 0.00	33.04 -0.89 0.00	31.57 -0.82 0.00
SITHE_IND_GS2 24170	36.02 -0.78 0.00	30.85 -0.62 0.00	29.70 -0.60 0.00	28.81 -0.55 0.00	26.76 -0.53 0.00	26.24 -0.54 0.00	28.58 -0.59 0.00	28.57 -0.64 0.00	28.10 -0.70 0.00	25.84 -0.67 0.00	24.62 -0.72 0.00	26.04 -0.74 0.00	29.56 -0.82 0.00	27.91 -0.75 0.00	27.40 -0.66 0.00	35.33 -0.79 0.00	36.95 -0.83 0.00	42.97 -0.99 0.00	44.98 -1.03 0.00	39.58 -0.89 0.00	41.96 -0.99 0.00	34.61 -0.88 0.00	33.04 -0.89 0.00	31.57 -0.82 0.00
SITHE_IND_GS3 24171	36.02 -0.78 0.00	30.85 -0.62 0.00	29.70 -0.60 0.00	28.81 -0.55 0.00	26.76 -0.53 0.00	26.24 -0.54 0.00	28.58 -0.59 0.00	28.57 -0.64 0.00	28.10 -0.70 0.00	25.84 -0.67 0.00	24.62 -0.72 0.00	26.04 -0.74 0.00	29.56 -0.82 0.00	27.91 -0.75 0.00	27.40 -0.66 0.00	35.33 -0.79 0.00	36.95 -0.83 0.00	42.97 -0.99 0.00	44.98 -1.03 0.00	39.58 -0.89 0.00	41.96 -0.99 0.00	34.61 -0.88 0.00	33.04 -0.89 0.00	31.57 -0.82 0.00
SITHE_IND_GS4 24172	36.02 -0.78 0.00	30.85 -0.62 0.00	29.70 -0.60 0.00	28.81 -0.55 0.00	26.76 -0.53 0.00	26.24 -0.54 0.00	28.58 -0.59 0.00	28.57 -0.64 0.00	28.10 -0.70 0.00	25.84 -0.67 0.00	24.62 -0.72 0.00	26.04 -0.74 0.00	29.56 -0.82 0.00	27.91 -0.75 0.00	27.40 -0.66 0.00	35.33 -0.79 0.00	36.95 -0.83 0.00	42.97 -0.99 0.00	44.98 -1.03 0.00	39.58 -0.89 0.00	41.96 -0.99 0.00	34.61 -0.88 0.00	33.04 -0.89 0.00	31.57 -0.82 0.00

SITHE___BATAVIA 24024	36.48 -0.32 0.00	31.08 -0.39 0.00	29.92 -0.38 0.00	28.93 -0.43 0.00	26.78 -0.51 0.00	26.25 -0.53 0.00	28.77 -0.40 0.00	28.83 -0.39 0.00	28.20 -0.60 0.00	26.14 -0.37 0.00	24.97 -0.36 0.00	26.52 -0.27 0.00	30.31 -0.06 0.00	28.52 -0.14 0.00	28.25 0.19 0.00	36.35 0.23 0.00	37.89 0.10 0.00	43.91 -0.05 0.00	46.15 0.14 0.00	40.67 0.19 0.00	43.03 0.08 0.00	35.13 -0.36 0.00	33.52 -0.41 0.00	32.11 -0.28 0.00
SITHE___INDEPEND 23800	36.02 -0.78 0.00	30.85 -0.62 0.00	29.70 -0.60 0.00	28.81 -0.55 0.00	26.76 -0.53 0.00	26.24 -0.54 0.00	28.58 -0.59 0.00	28.57 -0.64 0.00	28.10 -0.70 0.00	25.84 -0.67 0.00	24.62 -0.72 0.00	26.04 -0.75 0.00	29.56 -0.82 0.00	27.91 -0.75 0.00	27.40 -0.66 0.00	35.33 -0.79 0.00	36.95 -0.83 0.00	42.97 -0.99 0.00	44.98 -1.03 0.00	39.58 -0.89 0.00	41.97 -0.99 0.00	34.61 -0.88 0.00	33.04 -0.89 0.00	31.57 -0.82 0.00
SITHE___MASSENA 23902	37.02 0.22 0.00	31.63 0.16 0.00	30.43 0.13 0.00	29.45 0.08 0.00	27.37 0.07 0.00	26.83 0.05 0.00	29.24 0.07 0.00	29.28 0.07 0.00	28.97 0.17 0.00	26.74 0.23 0.00	25.53 0.20 0.00	26.96 0.17 0.00	30.66 0.28 0.00	28.81 0.15 0.00	27.90 -0.16 0.00	35.79 -0.32 0.00	37.42 -0.36 0.00	43.65 -0.30 0.00	45.80 -0.21 0.00	40.36 -0.11 0.00	43.06 0.10 0.00	35.49 0.01 0.00	34.13 0.20 0.00	32.37 -0.02 0.00
SITHE___OGDNSBRG 24021	37.54 0.74 0.00	32.04 0.57 0.00	30.79 0.49 0.00	29.77 0.40 0.00	27.67 0.38 0.00	27.13 0.35 0.00	29.60 0.43 0.00	29.62 0.41 0.00	29.16 0.35 0.00	26.77 0.25 0.00	25.50 0.16 0.00	26.91 0.12 0.00	30.62 0.24 0.00	28.76 0.10 0.00	27.81 -0.25 0.00	35.67 -0.44 0.00	37.36 -0.43 0.00	43.79 -0.17 0.00	46.39 0.38 0.00	41.11 0.64 0.00	43.90 0.95 0.00	36.13 0.64 0.00	34.71 0.78 0.00	32.85 0.46 0.00
SITHE___STERLING 23777	37.78 0.98 0.00	32.22 0.76 0.00	30.97 0.68 0.00	30.01 0.65 0.00	27.89 0.60 0.00	27.37 0.58 0.00	29.86 0.69 0.00	29.89 0.68 0.00	29.27 0.47 0.00	26.83 0.32 0.00	25.61 0.27 0.00	27.12 0.33 0.00	30.80 0.43 0.00	29.15 0.49 0.00	28.65 0.59 0.00	37.00 0.88 0.00	38.78 0.99 0.00	45.32 1.36 0.00	47.65 1.64 0.00	42.00 1.53 0.00	44.49 1.53 0.00	36.62 1.12 0.00	34.88 0.95 0.00	33.22 0.84 0.00
SLEIGHT__34_KV_TB1 80719	36.20 -0.60 0.00	30.88 -0.59 0.00	29.73 -0.57 0.00	28.80 -0.57 0.00	26.69 -0.61 0.00	26.19 -0.59 0.00	28.64 -0.54 0.00	28.68 -0.53 0.00	28.13 -0.66 0.00	26.01 -0.51 0.00	24.83 -0.51 0.00	26.39 -0.40 0.00	30.00 -0.38 0.00	28.38 -0.28 0.00	27.87 -0.20 0.00	36.13 0.02 0.00	37.80 0.01 0.00	43.93 -0.02 0.00	46.00 -0.01 0.00	40.33 -0.14 0.00	42.72 -0.23 0.00	35.02 -0.47 0.00	33.37 -0.56 0.00	31.89 -0.49 0.00
SOUTH CAIRO___GT 23612	38.38 1.58 0.00	32.89 1.42 0.00	31.87 1.58 0.00	30.92 1.55 0.00	28.73 1.43 0.00	28.28 1.50 0.00	30.80 1.62 0.00	30.92 1.70 0.00	30.13 1.33 0.00	27.22 0.71 0.00	25.98 0.65 0.00	27.27 0.48 0.00	30.80 0.43 0.00	29.09 0.43 0.00	28.79 0.73 0.00	37.23 1.11 0.00	39.24 1.45 0.00	46.22 2.27 0.00	48.95 2.94 0.00	43.29 2.82 0.00	45.80 2.85 0.00	37.78 2.29 0.00	35.79 1.86 0.00	34.10 1.71 0.00
SOUTH HAMPTN___IC 23720	39.25 2.45 0.00	33.32 1.86 0.00	31.76 1.46 0.00	30.57 1.20 0.00	28.46 1.17 0.00	27.98 1.20 0.00	30.88 1.70 0.00	30.85 1.64 0.00	30.34 1.54 0.00	28.16 1.65 0.00	27.08 1.74 0.00	29.90 2.01 -1.11	34.13 2.35 -1.40	34.58 2.43 -3.49	33.76 2.74 -2.96	39.44 3.32 0.00	41.45 3.67 0.00	47.99 4.03 0.00	49.19 3.18 0.00	43.09 2.62 0.00	45.74 2.79 0.00	37.49 1.99 0.00	35.77 1.84 0.00	34.33 1.95 0.00
SOUTHDOW_115KV_TB1 355954	36.97 0.17 0.00	31.35 -0.12 0.00	30.11 -0.19 0.00	29.09 -0.28 0.00	26.94 -0.36 0.00	26.36 -0.42 0.00	28.99 -0.18 0.00	29.20 -0.02 0.00	28.68 -0.11 0.00	26.95 0.44 0.00	25.86 0.53 0.00	27.60 0.81 0.00	31.40 1.02 0.00	29.59 0.93 0.00	29.17 1.11 0.00	37.90 1.79 0.00	39.31 1.53 0.00	45.52 1.57 0.00	47.37 1.37 0.00	41.72 1.26 0.00	44.19 1.24 0.00	35.92 0.43 0.00	34.12 0.19 0.00	32.67 0.29 0.00
SOUTHOLD_69_KV_BK 2 55809	39.94 3.14 0.00	33.90 2.43 0.00	32.31 2.01 0.00	31.10 1.73 0.00	28.94 1.65 0.00	28.45 1.67 0.00	31.40 2.23 0.00	31.41 2.19 0.00	30.92 2.12 0.00	28.73 2.22 0.00	27.65 2.31 0.00	30.53 2.64 -1.11	34.85 3.08 -1.40	35.30 3.15 -3.49	34.46 3.44 -2.96	40.39 4.27 0.00	42.47 4.68 0.00	49.11 5.16 0.00	50.16 4.15 0.00	43.95 3.48 0.00	46.60 3.65 0.00	38.03 2.54 0.00	36.31 2.38 0.00	34.77 2.39 0.00
SOUTHOLD___IC 23719	39.94 3.14 0.00	33.90 2.43 0.00	32.31 2.01 0.00	31.10 1.73 0.00	28.94 1.65 0.00	28.45 1.67 0.00	31.40 2.23 0.00	31.41 2.19 0.00	30.92 2.12 0.00	28.73 2.22 0.00	27.65 2.31 0.00	30.53 2.63 -1.11	34.86 3.08 -1.40	35.29 3.14 -3.49	34.46 3.44 -2.96	40.39 4.28 0.00	42.47 4.69 0.00	49.11 5.16 0.00	50.16 4.16 0.00	43.95 3.48 0.00	46.60 3.65 0.00	38.03 2.54 0.00	36.31 2.37 0.00	34.77 2.39 0.00
SOUTH_FORK_WT_PWR 323839	40.06 3.26 0.00	34.00 2.54 0.00	32.42 2.12 0.00	31.21 1.85 0.00	29.05 1.75 0.00	28.54 1.77 0.00	31.52 2.34 0.00	31.49 2.28 0.00	31.02 2.22 0.00	28.84 2.33 0.00	27.76 2.42 0.00	30.63 2.74 -1.11	34.98 3.20 -1.40	35.41 3.25 -3.49	34.55 3.53 -2.96	40.51 4.39 0.00	42.58 4.80 0.00	49.20 5.25 0.00	50.12 4.11 0.00	43.94 3.47 0.00	46.60 3.64 0.00	37.95 2.46 0.00	36.26 2.33 0.00	34.72 2.33 0.00
SPIERFLS_115KV_TB 1 80737	38.30 1.50 0.00	32.73 1.26 0.00	31.43 1.14 0.00	30.38 1.01 0.00	28.21 0.91 0.00	27.79 1.01 0.00	30.36 1.19 0.00	30.47 1.25 0.00	29.80 1.00 0.00	27.15 0.64 0.00	25.74 0.41 0.00	27.12 0.33 0.00	30.67 0.30 0.00	28.88 0.22 0.00	28.60 0.54 0.00	37.07 0.95 0.00	39.41 1.62 0.00	46.14 2.18 0.00	49.88 3.87 0.00	43.88 3.41 0.00	45.94 2.99 0.00	37.32 1.83 0.00	35.49 1.56 0.00	33.84 1.45 0.00
ST LAWRENCE____ 23600	36.66 -0.14 0.00	31.32 -0.15 0.00	30.16 -0.15 0.00	29.20 -0.17 0.00	27.13 -0.17 0.00	26.59 -0.19 0.00	28.99 -0.19 0.00	29.02 -0.20 0.00	28.73 -0.07 0.00	26.53 0.02 0.00	25.33 0.00 0.00	26.75 -0.03 0.00	30.41 0.03 0.00	28.59 -0.07 0.00	27.71 -0.35 0.00	35.56 -0.56 0.00	37.21 -0.58 0.00	43.32 -0.63 0.00	45.38 -0.63 0.00	39.96 -0.51 0.00	42.60 -0.35 0.00	35.13 -0.36 0.00	33.77 -0.16 0.00	32.06 -0.33 0.00
STATE_CA_115KV_115_LB 55624	37.18 0.38 0.00	31.88 0.42 0.00	30.85 0.56 0.00	29.89 0.53 0.00	27.79 0.50 0.00	27.35 0.56 0.00	29.74 0.57 0.00	29.86 0.65 0.00	29.25 0.45 0.00	26.70 0.19 0.00	25.61 0.27 0.00	26.95 0.17 0.00	30.47 0.09 0.00	28.79 0.13 0.00	28.43 0.37 0.00	36.68 0.57 0.00	38.44 0.65 0.00	44.76 0.80 0.00	46.94 0.93 0.00	41.30 0.83 0.00	43.77 0.82 0.00	36.29 0.80 0.00	34.50 0.57 0.00	32.96 0.58 0.00

STATE_ST_34_KV_LOAD 55959	36.99 0.19 0.00	31.49 0.02 0.00	30.42 0.12 0.00	29.51 0.14 0.00	27.29 0.00 0.00	26.86 0.08 0.00	29.31 0.13 0.00	29.35 0.14 0.00	28.78 -0.02 0.00	26.48 -0.03 0.00	25.12 -0.21 0.00	26.70 -0.08 0.00	30.27 -0.11 0.00	28.73 0.08 0.00	28.13 0.07 0.00	36.47 0.36 0.00	38.23 0.45 0.00	44.51 0.56 0.00	46.70 0.69 0.00	40.90 0.43 0.00	43.46 0.50 0.00	35.71 0.22 0.00	34.03 0.10 0.00	32.53 0.14 0.00
STATION 5_MISC_HYD 23604	36.37 -0.43 0.00	31.04 -0.43 0.00	29.86 -0.43 0.00	28.90 -0.46 0.00	26.78 -0.51 0.00	26.27 -0.51 0.00	28.73 -0.45 0.00	28.77 -0.44 0.00	28.22 -0.58 0.00	26.16 -0.35 0.00	25.05 -0.29 0.00	26.66 -0.13 0.00	30.34 -0.04 0.00	28.65 -0.01 0.00	28.14 0.08 0.00	36.52 0.41 0.00	38.13 0.34 0.00	44.20 0.24 0.00	46.26 0.25 0.00	40.59 0.12 0.00	42.99 0.04 0.00	35.18 -0.32 0.00	33.53 -0.40 0.00	32.07 -0.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.53 -0.27 0.00	31.18 -0.29 0.00	29.99 -0.30 0.00	29.04 -0.33 0.00	26.94 -0.36 0.00	26.41 -0.37 0.00	28.89 -0.28 0.00	28.94 -0.28 0.00	28.38 -0.42 0.00	26.26 -0.25 0.00	25.09 -0.24 0.00	26.65 -0.14 0.00	30.33 -0.05 0.00	28.69 0.03 0.00	28.16 0.10 0.00	36.51 0.39 0.00	38.20 0.41 0.00	44.42 0.46 0.00	46.49 0.48 0.00	40.80 0.33 0.00	43.19 0.24 0.00	35.41 -0.08 0.00	33.72 -0.22 0.00	32.21 -0.17 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.97 -0.83 0.00	30.70 -0.76 0.00	29.55 -0.74 0.00	28.61 -0.75 0.00	26.52 -0.77 0.00	26.00 -0.78 0.00	28.43 -0.74 0.00	28.48 -0.74 0.00	27.94 -0.86 0.00	25.89 -0.62 0.00	24.77 -0.56 0.00	26.33 -0.46 0.00	29.98 -0.40 0.00	28.31 -0.35 0.00	27.81 -0.25 0.00	36.05 -0.07 0.00	37.65 -0.14 0.00	43.62 -0.33 0.00	45.65 -0.36 0.00	40.07 -0.40 0.00	42.43 -0.52 0.00	34.75 -0.74 0.00	33.14 -0.78 0.00	31.69 -0.69 0.00
STA_56___34_KV_BUS2 355983	35.97 -0.83 0.00	30.70 -0.76 0.00	29.55 -0.74 0.00	28.61 -0.75 0.00	26.52 -0.77 0.00	26.00 -0.78 0.00	28.43 -0.74 0.00	28.48 -0.74 0.00	27.94 -0.86 0.00	25.89 -0.62 0.00	24.77 -0.56 0.00	26.33 -0.46 0.00	29.98 -0.40 0.00	28.31 -0.35 0.00	27.81 -0.25 0.00	36.05 -0.07 0.00	37.65 -0.14 0.00	43.62 -0.33 0.00	45.65 -0.36 0.00	40.07 -0.40 0.00	42.43 -0.52 0.00	34.75 -0.74 0.00	33.14 -0.78 0.00	31.69 -0.69 0.00
STA_67___115KV_BK2 355882	36.00 -0.80 0.00	30.74 -0.73 0.00	29.59 -0.71 0.00	28.64 -0.72 0.00	26.55 -0.75 0.00	26.03 -0.75 0.00	28.46 -0.71 0.00	28.51 -0.71 0.00	27.96 -0.84 0.00	25.92 -0.60 0.00	24.79 -0.54 0.00	26.34 -0.44 0.00	30.00 -0.38 0.00	28.30 -0.36 0.00	27.81 -0.25 0.00	36.04 -0.08 0.00	37.61 -0.18 0.00	43.55 -0.41 0.00	45.57 -0.44 0.00	40.02 -0.45 0.00	42.41 -0.55 0.00	34.73 -0.76 0.00	33.14 -0.79 0.00	31.71 -0.67 0.00
STA_7___115KV_9TRANS 80674	36.46 -0.34 0.00	31.12 -0.35 0.00	29.93 -0.37 0.00	28.97 -0.40 0.00	26.84 -0.46 0.00	26.33 -0.45 0.00	28.79 -0.38 0.00	28.84 -0.37 0.00	28.28 -0.52 0.00	26.23 -0.28 0.00	25.11 -0.23 0.00	26.71 -0.08 0.00	30.44 0.06 0.00	28.75 0.09 0.00	28.23 0.17 0.00	36.66 0.55 0.00	38.28 0.49 0.00	44.39 0.43 0.00	46.45 0.44 0.00	40.75 0.28 0.00	43.16 0.20 0.00	35.30 -0.19 0.00	33.66 -0.28 0.00	32.17 -0.21 0.00
STA_82___115KV_TB1 80780	36.06 -0.74 0.00	30.79 -0.68 0.00	29.63 -0.67 0.00	28.68 -0.68 0.00	26.58 -0.71 0.00	26.06 -0.72 0.00	28.51 -0.66 0.00	28.55 -0.67 0.00	28.00 -0.80 0.00	25.95 -0.56 0.00	24.83 -0.51 0.00	26.38 -0.40 0.00	30.05 -0.33 0.00	28.35 -0.31 0.00	27.86 -0.20 0.00	36.11 -0.01 0.00	37.68 -0.10 0.00	43.65 -0.31 0.00	45.69 -0.33 0.00	40.11 -0.36 0.00	42.50 -0.45 0.00	34.80 -0.69 0.00	33.20 -0.73 0.00	31.77 -0.62 0.00
STEEL___WIND 323596	36.00 -0.80 0.00	30.65 -0.81 0.00	29.53 -0.77 0.00	28.57 -0.79 0.00	26.44 -0.85 0.00	25.91 -0.87 0.00	28.40 -0.77 0.00	28.48 -0.73 0.00	27.90 -0.90 0.00	26.08 -0.44 0.00	25.00 -0.34 0.00	26.62 -0.17 0.00	30.33 -0.06 0.00	28.51 -0.15 0.00	28.07 0.01 0.00	36.39 0.28 0.00	37.81 0.02 0.00	43.61 -0.34 0.00	45.41 -0.60 0.00	39.97 -0.50 0.00	42.31 -0.64 0.00	34.54 -0.96 0.00	32.99 -0.94 0.00	31.68 -0.70 0.00
STEPHTWN_115KV_BK_2 55603	37.27 0.47 0.00	31.93 0.46 0.00	30.89 0.60 0.00	29.91 0.54 0.00	27.80 0.51 0.00	27.39 0.61 0.00	29.83 0.66 0.00	29.96 0.75 0.00	29.31 0.51 0.00	26.82 0.31 0.00	25.67 0.33 0.00	27.04 0.25 0.00	30.58 0.21 0.00	28.88 0.22 0.00	28.52 0.46 0.00	36.87 0.75 0.00	38.57 0.78 0.00	45.09 1.14 0.00	47.10 1.09 0.00	41.46 0.99 0.00	44.02 1.06 0.00	36.41 0.92 0.00	34.60 0.67 0.00	33.02 0.64 0.00
STEUBEN_REC_LFGE 323667	37.68 0.87 0.00	32.01 0.54 0.00	30.68 0.38 0.00	29.72 0.35 0.00	27.63 0.33 0.00	27.06 0.28 0.00	29.72 0.55 0.00	29.83 0.62 0.00	29.02 0.23 0.00	27.00 0.49 0.00	25.70 0.36 0.00	27.40 0.61 0.00	31.10 0.73 0.00	29.40 0.74 0.00	28.91 0.85 0.00	37.52 1.41 0.00	39.17 1.38 0.00	45.69 1.73 0.00	48.07 2.06 0.00	42.45 1.99 0.00	44.42 1.47 0.00	36.11 0.61 0.00	34.32 0.39 0.00	33.07 0.68 0.00
STILLWATER___SOLAR 323814	38.22 1.43 0.00	32.70 1.23 0.00	31.45 1.15 0.00	30.44 1.08 0.00	28.28 0.99 0.00	27.83 1.05 0.00	30.38 1.21 0.00	30.45 1.24 0.00	29.78 0.99 0.00	27.20 0.69 0.00	25.94 0.60 0.00	27.31 0.52 0.00	30.90 0.52 0.00	29.16 0.50 0.00	28.82 0.76 0.00	37.27 1.16 0.00	39.30 1.51 0.00	45.94 1.98 0.00	48.72 2.71 0.00	42.81 2.35 0.00	45.31 2.36 0.00	37.54 2.05 0.00	35.63 1.70 0.00	33.98 1.60 0.00
STONY___BROOK 24151	38.94 2.15 0.00	33.09 1.63 0.00	31.53 1.23 0.00	30.36 1.00 0.00	28.28 0.98 0.00	27.79 1.01 0.00	30.56 1.39 0.00	30.67 1.45 0.00	30.17 1.37 0.00	27.96 1.45 0.00	26.89 1.55 0.00	29.72 1.81 -1.12	33.87 2.08 -1.41	34.29 2.14 -3.49	33.47 2.44 -2.96	39.04 2.92 0.00	40.95 3.16 0.00	47.19 3.23 0.00	48.61 2.60 0.00	42.75 2.29 0.00	45.44 2.48 0.00	37.36 1.87 0.00	35.63 1.70 0.00	34.29 1.90 0.00
STURGEON_POOL_HYD 23609	37.93 1.13 0.00	32.28 0.81 0.00	30.84 0.54 0.00	29.82 0.46 0.00	27.78 0.48 0.00	27.27 0.49 0.00	29.69 0.51 0.00	29.82 0.61 0.00	29.45 0.65 0.00	27.30 0.79 0.00	26.25 0.91 0.00	27.84 1.06 0.00	31.58 1.20 0.00	29.90 1.25 0.00	29.57 1.51 0.00	38.08 1.97 0.00	39.79 2.00 0.00	46.14 2.19 0.00	47.94 1.93 0.00	42.01 1.54 0.00	44.51 1.56 0.00	36.91 1.42 0.00	35.15 1.22 0.00	33.58 1.20 0.00
ST_LAW_115_BK7_LBMP 345037	36.64 -0.16 0.00	31.31 -0.16 0.00	30.14 -0.16 0.00	29.19 -0.18 0.00	27.12 -0.17 0.00	26.58 -0.20 0.00	28.98 -0.20 0.00	29.01 -0.21 0.00	28.73 -0.07 0.00	26.52 0.01 0.00	25.32 -0.02 0.00	26.74 -0.05 0.00	30.39 0.01 0.00	28.57 -0.09 0.00	27.67 -0.39 0.00	35.50 -0.62 0.00	37.15 -0.63 0.00	43.27 -0.69 0.00	45.32 -0.68 0.00	39.92 -0.55 0.00	42.58 -0.37 0.00	35.11 -0.38 0.00	33.76 -0.17 0.00	32.03 -0.35 0.00

ST_LAW_115_BK8_LBMP 345038	36.64 -0.16 0.00	31.31 -0.16 0.00	30.14 -0.16 0.00	29.19 -0.18 0.00	27.12 -0.17 0.00	26.58 -0.20 0.00	28.98 -0.20 0.00	29.01 -0.21 0.00	28.73 -0.07 0.00	26.52 0.01 0.00	25.32 -0.02 0.00	26.74 -0.05 0.00	30.39 0.01 0.00	28.57 -0.09 0.00	27.67 -0.39 0.00	35.50 -0.62 0.00	37.15 -0.63 0.00	43.27 -0.69 0.00	45.32 -0.68 0.00	39.92 -0.55 0.00	42.58 -0.37 0.00	35.11 -0.38 0.00	33.76 -0.17 0.00	32.03 -0.35 0.00
ST_LAW_230_BK5_LBMP 345035	36.66 -0.14 0.00	31.32 -0.15 0.00	30.16 -0.15 0.00	29.20 -0.17 0.00	27.13 -0.17 0.00	26.59 -0.19 0.00	28.99 -0.19 0.00	29.02 -0.20 0.00	28.73 -0.07 0.00	26.53 0.02 0.00	25.33 0.00 0.00	26.75 -0.03 0.00	30.41 0.03 0.00	28.59 -0.07 0.00	27.71 -0.35 0.00	35.56 -0.56 0.00	37.21 -0.58 0.00	43.32 -0.63 0.00	45.38 -0.63 0.00	39.96 -0.51 0.00	42.60 -0.35 0.00	35.13 -0.36 0.00	33.77 -0.16 0.00	32.06 -0.33 0.00
ST_LAW_230_BK6_LBMP 345036	36.66 -0.14 0.00	31.32 -0.15 0.00	30.16 -0.15 0.00	29.20 -0.17 0.00	27.13 -0.17 0.00	26.59 -0.19 0.00	28.99 -0.19 0.00	29.02 -0.20 0.00	28.73 -0.07 0.00	26.53 0.02 0.00	25.33 0.00 0.00	26.75 -0.03 0.00	30.41 0.03 0.00	28.59 -0.07 0.00	27.71 -0.35 0.00	35.56 -0.56 0.00	37.21 -0.58 0.00	43.32 -0.63 0.00	45.38 -0.63 0.00	39.96 -0.51 0.00	42.60 -0.35 0.00	35.13 -0.36 0.00	33.77 -0.16 0.00	32.06 -0.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.83 1.03 0.00	32.24 0.77 0.00	30.86 0.56 0.00	29.84 0.48 0.00	27.79 0.49 0.00	27.30 0.52 0.00	29.72 0.55 0.00	29.86 0.65 0.00	29.41 0.61 0.00	27.18 0.67 0.00	26.11 0.78 0.00	27.68 0.89 0.00	31.36 0.98 0.00	29.67 1.01 0.00	29.33 1.26 0.00	37.79 1.67 0.00	39.53 1.74 0.00	45.90 1.95 0.00	47.80 1.80 0.00	41.90 1.44 0.00	44.39 1.44 0.00	36.80 1.30 0.00	35.06 1.13 0.00	33.50 1.11 0.00
SWANROAD_115KV_TB1 355699	34.88 -1.92 0.00	29.78 -1.69 0.00	28.71 -1.59 0.00	27.79 -1.58 0.00	25.71 -1.59 0.00	25.16 -1.62 0.00	27.60 -1.58 0.00	27.62 -1.59 0.00	27.05 -1.75 0.00	25.22 -1.29 0.00	24.15 -1.18 0.00	25.56 -1.23 0.00	29.14 -1.24 0.00	27.33 -1.33 0.00	26.91 -1.15 0.00	34.79 -1.33 0.00	36.20 -1.59 0.00	41.57 -2.38 0.00	43.36 -2.64 0.00	38.19 -2.28 0.00	40.49 -2.47 0.00	33.12 -2.37 0.00	31.73 -2.20 0.00	30.55 -1.83 0.00
SYNERGY___BIOGAS 323694	36.48 -0.32 0.00	31.08 -0.39 0.00	29.92 -0.38 0.00	28.93 -0.43 0.00	26.78 -0.51 0.00	26.25 -0.53 0.00	28.77 -0.40 0.00	28.83 -0.39 0.00	28.20 -0.60 0.00	26.14 -0.37 0.00	24.97 -0.36 0.00	26.52 -0.27 0.00	30.31 -0.06 0.00	28.52 -0.14 0.00	28.25 0.19 0.00	36.35 0.23 0.00	37.89 0.10 0.00	43.91 -0.05 0.00	46.15 0.14 0.00	40.67 0.19 0.00	43.03 0.08 0.00	35.13 -0.36 0.00	33.52 -0.41 0.00	32.11 -0.28 0.00
SYRACUSE___ENERGY_ST1 323597	36.83 0.03 0.00	31.47 0.00 0.00	30.30 0.00 0.00	29.38 0.01 0.00	27.27 -0.03 0.00	26.75 -0.03 0.00	29.17 0.00 0.00	29.18 -0.03 0.00	28.67 -0.13 0.00	26.39 -0.12 0.00	25.15 -0.19 0.00	26.65 -0.14 0.00	30.26 -0.11 0.00	28.63 -0.03 0.00	28.13 0.07 0.00	36.31 0.20 0.00	38.02 0.23 0.00	44.28 0.33 0.00	46.35 0.34 0.00	40.72 0.25 0.00	43.14 0.19 0.00	35.54 0.05 0.00	33.88 -0.05 0.00	32.36 -0.03 0.00
SYRACUSE___ENERGY_ST2 323598	36.83 0.03 0.00	31.47 0.00 0.00	30.30 0.00 0.00	29.38 0.01 0.00	27.27 -0.03 0.00	26.75 -0.03 0.00	29.17 0.00 0.00	29.18 -0.03 0.00	28.67 -0.13 0.00	26.39 -0.12 0.00	25.15 -0.19 0.00	26.65 -0.14 0.00	30.26 -0.11 0.00	28.63 -0.03 0.00	28.13 0.07 0.00	36.31 0.20 0.00	38.02 0.23 0.00	44.28 0.33 0.00	46.35 0.34 0.00	40.72 0.25 0.00	43.14 0.19 0.00	35.54 0.05 0.00	33.88 -0.05 0.00	32.36 -0.03 0.00
SYRACUSE___POWER 24017	36.81 0.01 0.00	31.47 0.00 0.00	30.27 -0.02 0.00	29.35 -0.01 0.00	27.27 -0.03 0.00	26.74 -0.04 0.00	29.15 -0.02 0.00	29.16 -0.05 0.00	28.65 -0.15 0.00	26.36 -0.15 0.00	25.15 -0.19 0.00	26.64 -0.15 0.00	30.26 -0.11 0.00	28.63 -0.03 0.00	28.14 0.08 0.00	36.32 0.20 0.00	38.00 0.21 0.00	44.27 0.31 0.00	46.34 0.33 0.00	40.76 0.29 0.00	43.15 0.20 0.00	35.58 0.09 0.00	33.91 -0.03 0.00	32.36 -0.02 0.00
TALLMAN___138KV_BK151 55660	37.97 1.17 0.00	32.34 0.87 0.00	30.89 0.60 0.00	29.88 0.51 0.00	27.83 0.53 0.00	27.35 0.57 0.00	29.76 0.59 0.00	29.93 0.72 0.00	29.50 0.70 0.00	27.29 0.78 0.00	26.25 0.92 0.00	27.84 1.05 0.00	31.54 1.16 0.00	29.84 1.18 0.00	29.52 1.46 0.00	38.02 1.90 0.00	39.75 1.96 0.00	46.11 2.15 0.00	47.97 1.96 0.00	42.01 1.54 0.00	44.50 1.55 0.00	36.92 1.43 0.00	35.18 1.25 0.00	33.63 1.24 0.00
TEALLAVE_115KV_TB7 355573	36.65 -0.15 0.00	31.34 -0.13 0.00	30.16 -0.15 0.00	29.23 -0.13 0.00	27.15 -0.14 0.00	26.62 -0.16 0.00	29.02 -0.15 0.00	29.03 -0.18 0.00	28.53 -0.27 0.00	26.26 -0.25 0.00	25.05 -0.29 0.00	26.53 -0.25 0.00	30.13 -0.24 0.00	28.50 -0.16 0.00	28.01 -0.06 0.00	36.13 0.02 0.00	37.80 0.01 0.00	44.01 0.05 0.00	46.05 0.04 0.00	40.49 0.02 0.00	42.89 -0.07 0.00	35.37 -0.12 0.00	33.72 -0.21 0.00	32.20 -0.18 0.00
TELGRAPH_34_KV_EAST 80808	35.76 -1.04 0.00	30.51 -0.96 0.00	29.38 -0.92 0.00	28.42 -0.95 0.00	26.30 -1.00 0.00	25.76 -1.02 0.00	28.25 -0.93 0.00	28.30 -0.92 0.00	27.70 -1.10 0.00	25.79 -0.72 0.00	24.69 -0.65 0.00	26.19 -0.60 0.00	29.94 -0.44 0.00	28.09 -0.57 0.00	27.83 -0.23 0.00	35.82 -0.30 0.00	37.26 -0.52 0.00	42.97 -0.98 0.00	44.94 -1.07 0.00	39.55 -0.92 0.00	41.90 -1.06 0.00	34.23 -1.27 0.00	32.73 -1.20 0.00	31.44 -0.95 0.00
TEMPLE___115KV_TB 2 55572	36.66 -0.14 0.00	31.35 -0.12 0.00	30.17 -0.14 0.00	29.24 -0.12 0.00	27.17 -0.13 0.00	26.64 -0.13 0.00	29.04 -0.14 0.00	29.05 -0.17 0.00	28.54 -0.26 0.00	26.27 -0.24 0.00	25.06 -0.27 0.00	26.55 -0.24 0.00	30.16 -0.22 0.00	28.52 -0.14 0.00	28.03 -0.03 0.00	36.16 0.05 0.00	37.83 0.04 0.00	44.05 0.09 0.00	46.08 0.07 0.00	40.52 0.05 0.00	42.92 -0.03 0.00	35.39 -0.10 0.00	33.74 -0.19 0.00	32.22 -0.16 0.00
TIANA____69_KV_BK 1 55817	39.10 2.30 0.00	33.20 1.73 0.00	31.64 1.34 0.00	30.45 1.08 0.00	28.36 1.07 0.00	27.87 1.09 0.00	30.76 1.59 0.00	30.74 1.53 0.00	30.22 1.42 0.00	28.03 1.52 0.00	26.95 1.61 0.00	29.77 1.88 -1.11	33.96 2.18 -1.40	34.43 2.28 -3.49	33.61 2.58 -2.96	39.23 3.11 0.00	41.23 3.45 0.00	47.75 3.80 0.00	49.01 3.00 0.00	42.93 2.46 0.00	45.57 2.62 0.00	37.38 1.89 0.00	35.67 1.74 0.00	34.26 1.87 0.00
TILDEN___115KV_TB1 80814	36.81 0.01 0.00	31.47 0.00 0.00	30.27 -0.02 0.00	29.35 -0.01 0.00	27.27 -0.03 0.00	26.74 -0.04 0.00	29.15 -0.02 0.00	29.16 -0.05 0.00	28.65 -0.15 0.00	26.36 -0.15 0.00	25.15 -0.19 0.00	26.64 -0.15 0.00	30.26 -0.11 0.00	28.63 -0.03 0.00	28.14 0.08 0.00	36.32 0.20 0.00	38.00 0.21 0.00	44.27 0.31 0.00	46.34 0.33 0.00	40.76 0.29 0.00	43.15 0.20 0.00	35.58 0.09 0.00	33.91 -0.03 0.00	32.36 -0.02 0.00

TRIGEN___CC 323695	38.77 1.97 0.00	32.98 1.51 0.00	31.46 1.16 0.00	30.37 1.01 0.00	28.27 0.97 0.00	27.76 0.98 0.00	30.34 1.17 0.00	30.48 1.27 0.00	30.06 1.26 0.00	27.84 1.33 0.00	26.84 1.50 0.00	31.69 1.72 -3.18	35.71 1.93 -3.40	34.17 1.94 -3.57	33.28 2.20 -3.02	38.79 2.67 0.00	40.50 2.71 0.00	46.88 2.93 0.00	48.53 2.52 0.00	42.52 2.05 0.00	45.20 2.25 0.00	37.40 1.91 0.00	35.71 1.79 0.00	34.29 1.90 0.00
TRINITY___115KV___4 BK 55933	37.01 0.21 0.00	31.74 0.28 0.00	30.73 0.43 0.00	29.77 0.40 0.00	27.68 0.39 0.00	27.24 0.46 0.00	29.63 0.45 0.00	29.75 0.54 0.00	29.14 0.34 0.00	26.60 0.08 0.00	25.50 0.17 0.00	26.83 0.04 0.00	30.31 -0.07 0.00	28.62 -0.04 0.00	28.27 0.20 0.00	36.45 0.34 0.00	38.18 0.40 0.00	44.44 0.49 0.00	46.60 0.59 0.00	41.02 0.55 0.00	43.49 0.54 0.00	36.08 0.59 0.00	34.32 0.39 0.00	32.80 0.41 0.00
UNION___PROCESSING_DRP 323587	36.07 -0.73 0.00	30.79 -0.68 0.00	29.64 -0.66 0.00	28.68 -0.68 0.00	26.59 -0.71 0.00	26.07 -0.71 0.00	28.51 -0.66 0.00	28.56 -0.65 0.00	28.00 -0.79 0.00	25.95 -0.56 0.00	24.83 -0.50 0.00	26.38 -0.40 0.00	30.06 -0.32 0.00	28.36 -0.30 0.00	27.86 -0.20 0.00	36.12 0.00 0.00	37.69 -0.09 0.00	43.65 -0.30 0.00	45.70 -0.31 0.00	40.13 -0.34 0.00	42.51 -0.44 0.00	34.81 -0.68 0.00	33.21 -0.71 0.00	31.78 -0.60 0.00
UPPER HUDSON___HYD 24058	38.30 1.50 0.00	32.73 1.27 0.00	31.43 1.14 0.00	30.38 1.01 0.00	28.21 0.91 0.00	27.78 1.01 0.00	30.36 1.19 0.00	30.47 1.25 0.00	29.80 1.00 0.00	27.15 0.64 0.00	25.74 0.41 0.00	27.11 0.32 0.00	30.67 0.30 0.00	28.88 0.22 0.00	28.60 0.54 0.00	37.06 0.95 0.00	39.41 1.63 0.00	46.14 2.18 0.00	49.88 3.87 0.00	43.88 3.41 0.00	45.94 2.99 0.00	37.32 1.82 0.00	35.49 1.56 0.00	33.84 1.45 0.00
UPPER RAQUET___HYD 24056	36.91 0.11 0.00	31.50 0.03 0.00	30.24 -0.06 0.00	29.19 -0.17 0.00	27.14 -0.16 0.00	26.61 -0.17 0.00	29.03 -0.14 0.00	29.07 -0.14 0.00	28.69 -0.11 0.00	26.42 -0.10 0.00	25.20 -0.14 0.00	26.59 -0.20 0.00	30.26 -0.11 0.00	28.44 -0.22 0.00	27.53 -0.53 0.00	35.33 -0.78 0.00	37.00 -0.79 0.00	43.28 -0.67 0.00	45.59 -0.42 0.00	40.27 -0.20 0.00	42.97 0.02 0.00	35.43 -0.06 0.00	34.04 0.10 0.00	32.23 -0.16 0.00
VALLEY44_115KV_TB2 355964	36.50 -0.30 0.00	31.01 -0.46 0.00	29.77 -0.52 0.00	28.89 -0.48 0.00	26.78 -0.52 0.00	26.34 -0.44 0.00	28.82 -0.35 0.00	28.93 -0.28 0.00	28.35 -0.45 0.00	26.53 0.02 0.00	25.40 0.07 0.00	27.08 0.29 0.00	30.68 0.30 0.00	28.90 0.24 0.00	28.51 0.45 0.00	36.98 0.86 0.00	38.29 0.51 0.00	44.31 0.36 0.00	46.17 0.16 0.00	40.61 0.14 0.00	43.05 0.10 0.00	35.14 -0.35 0.00	33.59 -0.34 0.00	32.23 -0.15 0.00
VALLEY___115KV_TB 1-4 80826	37.21 0.41 0.00	31.77 0.30 0.00	30.60 0.30 0.00	29.64 0.27 0.00	27.57 0.28 0.00	27.08 0.30 0.00	29.53 0.36 0.00	29.57 0.35 0.00	29.02 0.22 0.00	26.72 0.21 0.00	25.55 0.21 0.00	27.04 0.25 0.00	30.66 0.28 0.00	28.95 0.29 0.00	28.43 0.36 0.00	36.62 0.51 0.00	38.36 0.57 0.00	44.69 0.74 0.00	46.81 0.80 0.00	41.16 0.69 0.00	43.53 0.58 0.00	35.95 0.45 0.00	34.42 0.49 0.00	32.85 0.47 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.92 1.12 0.00	32.35 0.88 0.00	31.11 0.81 0.00	30.16 0.80 0.00	28.04 0.75 0.00	27.50 0.72 0.00	29.98 0.81 0.00	30.01 0.80 0.00	29.52 0.72 0.00	27.27 0.76 0.00	26.11 0.78 0.00	27.67 0.88 0.00	31.41 1.03 0.00	29.69 1.03 0.00	29.23 1.17 0.00	37.72 1.60 0.00	39.49 1.70 0.00	45.96 2.01 0.00	48.01 2.00 0.00	42.13 1.66 0.00	44.72 1.77 0.00	36.91 1.42 0.00	35.12 1.19 0.00	33.52 1.14 0.00
VISCHER___FERRY HYD 24020	37.71 0.91 0.00	32.31 0.85 0.00	31.12 0.82 0.00	30.15 0.78 0.00	28.02 0.72 0.00	27.58 0.80 0.00	30.04 0.87 0.00	30.14 0.93 0.00	29.52 0.72 0.00	27.00 0.49 0.00	25.82 0.48 0.00	27.18 0.39 0.00	30.70 0.32 0.00	28.97 0.31 0.00	28.62 0.56 0.00	36.94 0.83 0.00	38.75 0.96 0.00	45.14 1.18 0.00	47.50 1.49 0.00	41.83 1.36 0.00	44.35 1.40 0.00	36.83 1.34 0.00	35.00 1.07 0.00	33.45 1.07 0.00
V_A_10_SYNC_DSASP 323832	35.20 -1.60 0.00	30.06 -1.41 0.00	28.96 -1.34 0.00	28.03 -1.34 0.00	25.97 -1.33 0.00	25.45 -1.33 0.00	27.87 -1.30 0.00	27.92 -1.29 0.00	27.36 -1.44 0.00	25.47 -1.04 0.00	24.40 -0.93 0.00	25.97 -0.82 0.00	29.53 -0.85 0.00	27.76 -0.89 0.00	27.30 -0.76 0.00	35.33 -0.78 0.00	36.77 -1.02 0.00	42.37 -1.58 0.00	44.24 -1.77 0.00	38.88 -1.59 0.00	41.23 -1.72 0.00	33.75 -1.74 0.00	32.29 -1.64 0.00	31.01 -1.37 0.00
V_CMM_10_SYNC_DSASP 323787	36.84 0.04 0.00	31.48 0.01 0.00	30.30 0.00 0.00	29.33 -0.04 0.00	27.26 -0.03 0.00	26.72 -0.05 0.00	29.13 -0.05 0.00	29.15 -0.06 0.00	28.87 0.07 0.00	26.67 0.16 0.00	25.46 0.13 0.00	26.89 0.10 0.00	30.57 0.19 0.00	28.74 0.08 0.00	27.84 -0.22 0.00	35.72 -0.40 0.00	37.35 -0.43 0.00	43.51 -0.44 0.00	45.58 -0.43 0.00	40.15 -0.32 0.00	42.82 -0.13 0.00	35.30 -0.19 0.00	33.94 0.01 0.00	32.21 -0.17 0.00
V_CMP_10_SYNC_DSASP 323788	38.64 1.84 0.00	32.89 1.42 0.00	31.67 1.37 0.00	30.59 1.23 0.00	28.38 1.08 0.00	27.94 1.16 0.00	30.55 1.38 0.00	30.71 1.50 0.00	30.17 1.37 0.00	27.77 1.25 0.00	26.56 1.23 0.00	28.00 1.21 0.00	31.85 1.48 0.00	30.03 1.37 0.00	29.33 1.27 0.00	37.70 1.58 0.00	39.32 1.54 0.00	45.86 1.91 0.00	48.04 2.03 0.00	42.37 1.90 0.00	45.01 2.06 0.00	36.74 1.25 0.00	35.40 1.47 0.00	33.61 1.22 0.00
V_D_10_SYNC_DSASP 323841	37.02 0.22 0.00	31.63 0.16 0.00	30.43 0.14 0.00	29.45 0.08 0.00	27.37 0.07 0.00	26.83 0.05 0.00	29.25 0.08 0.00	29.28 0.07 0.00	28.97 0.17 0.00	26.74 0.23 0.00	25.53 0.20 0.00	26.97 0.17 0.00	30.66 0.28 0.00	28.82 0.15 0.00	27.90 -0.16 0.00	35.79 -0.32 0.00	37.43 -0.36 0.00	43.66 -0.29 0.00	45.80 -0.21 0.00	40.36 -0.11 0.00	43.06 0.10 0.00	35.49 0.01 0.00	34.13 0.20 0.00	32.37 -0.01 0.00
V_E_10_SYNC_DSASP 323830	39.30 2.50 0.00	33.41 1.94 0.00	32.11 1.81 0.00	30.99 1.63 0.00	28.84 1.54 0.00	28.33 1.55 0.00	30.99 1.82 0.00	31.05 1.84 0.00	30.30 1.50 0.00	27.78 1.27 0.00	26.32 0.99 0.00	27.90 1.12 0.00	31.75 1.37 0.00	30.05 1.39 0.00	29.60 1.54 0.00	38.39 2.28 0.00	40.52 2.73 0.00	47.60 3.65 0.00	50.34 4.33 0.00	44.42 3.95 0.00	47.00 4.05 0.00	38.41 2.92 0.00	36.47 2.54 0.00	34.71 2.33 0.00
V_F_30_NSYNC___DSASP 323816	38.26 1.46 0.00	32.72 1.25 0.00	31.48 1.18 0.00	30.47 1.11 0.00	28.31 1.02 0.00	27.86 1.08 0.00	30.40 1.23 0.00	30.48 1.26 0.00	29.82 1.02 0.00	27.26 0.75 0.00	26.00 0.66 0.00	27.39 0.60 0.00	30.98 0.61 0.00	29.25 0.59 0.00	28.91 0.85 0.00	37.37 1.26 0.00	39.40 1.61 0.00	46.05 2.09 0.00	48.81 2.80 0.00	42.86 2.39 0.00	45.32 2.37 0.00	37.51 2.02 0.00	35.62 1.69 0.00	33.98 1.60 0.00

V_F_30_SYNC_DSASP 323786	37.18 0.38 0.00	31.88 0.42 0.00	30.85 0.55 0.00	29.89 0.52 0.00	27.79 0.50 0.00	27.35 0.56 0.00	29.74 0.57 0.00	29.86 0.65 0.00	29.25 0.45 0.00	26.70 0.19 0.00	25.60 0.27 0.00	26.95 0.17 0.00	30.47 0.09 0.00	28.78 0.12 0.00	28.43 0.37 0.00	36.68 0.56 0.00	38.44 0.65 0.00	44.76 0.80 0.00	46.94 0.93 0.00	41.30 0.83 0.00	43.77 0.81 0.00	36.28 0.79 0.00	34.50 0.57 0.00	32.96 0.57 0.00
V_XM_10_SYNC_DSASP 323789	38.64 1.84 0.00	32.89 1.42 0.00	31.67 1.37 0.00	30.59 1.23 0.00	28.38 1.08 0.00	27.94 1.16 0.00	30.55 1.38 0.00	30.71 1.50 0.00	30.17 1.37 0.00	27.77 1.25 0.00	26.56 1.23 0.00	28.00 1.21 0.00	31.85 1.48 0.00	30.03 1.37 0.00	29.33 1.27 0.00	37.70 1.58 0.00	39.32 1.54 0.00	45.86 1.91 0.00	48.04 2.03 0.00	42.37 1.90 0.00	45.01 2.06 0.00	36.74 1.25 0.00	35.40 1.47 0.00	33.61 1.22 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.10 1.30 0.00	32.45 0.98 0.00	31.01 0.71 0.00	29.98 0.61 0.00	27.92 0.63 0.00	27.45 0.67 0.00	29.88 0.70 0.00	30.04 0.82 0.00	29.61 0.81 0.00	27.39 0.88 0.00	26.33 1.00 0.00	27.94 1.15 0.00	31.65 1.28 0.00	29.95 1.30 0.00	29.63 1.57 0.00	38.17 2.05 0.00	39.91 2.13 0.00	46.31 2.36 0.00	48.18 2.17 0.00	42.20 1.73 0.00	44.70 1.75 0.00	37.08 1.59 0.00	35.32 1.38 0.00	33.75 1.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.51 1.71 0.00	32.80 1.33 0.00	31.34 1.04 0.00	30.29 0.92 0.00	28.22 0.93 0.00	27.74 0.96 0.00	30.20 1.03 0.00	30.38 1.17 0.00	29.96 1.16 0.00	27.76 1.24 0.00	26.70 1.37 0.00	28.33 1.54 0.00	32.10 1.72 0.00	30.38 1.72 0.00	30.06 2.00 0.00	38.67 2.56 0.00	40.36 2.57 0.00	46.77 2.81 0.00	48.62 2.62 0.00	42.62 2.15 0.00	45.18 2.22 0.00	37.52 2.03 0.00	35.74 1.81 0.00	34.14 1.75 0.00
W50THST__13_KV_LOAD 356117	38.71 1.91 0.00	32.97 1.50 0.00	31.49 1.20 0.00	30.44 1.07 0.00	28.36 1.06 0.00	27.88 1.10 0.00	30.35 1.18 0.00	30.54 1.33 0.00	30.13 1.33 0.00	27.93 1.42 0.00	26.87 1.53 0.00	28.51 1.73 0.00	32.33 1.95 0.00	30.60 1.94 0.00	30.28 2.22 0.00	38.94 2.83 0.00	40.64 2.85 0.00	47.09 3.13 0.00	48.95 2.94 0.00	42.89 2.43 0.00	45.46 2.51 0.00	37.75 2.26 0.00	35.95 2.02 0.00	34.33 1.94 0.00
WADING RIVER_IC_1 23522	38.61 1.81 0.00	32.81 1.34 0.00	31.26 0.96 0.00	30.08 0.72 0.00	28.02 0.72 0.00	27.54 0.76 0.00	30.42 1.24 0.00	30.35 1.14 0.00	29.79 1.00 0.00	27.61 1.10 0.00	26.54 1.21 0.00	29.31 1.42 -1.10	33.43 1.66 -1.40	33.91 1.77 -3.49	33.09 2.07 -2.96	38.55 2.43 0.00	40.51 2.72 0.00	46.95 2.99 0.00	48.21 2.20 0.00	42.25 1.78 0.00	44.89 1.94 0.00	36.89 1.40 0.00	35.20 1.27 0.00	33.83 1.45 0.00
WADING RIVER_IC_2 23547	38.61 1.81 0.00	32.81 1.34 0.00	31.26 0.96 0.00	30.08 0.72 0.00	28.02 0.72 0.00	27.54 0.76 0.00	30.42 1.24 0.00	30.35 1.14 0.00	29.79 1.00 0.00	27.61 1.10 0.00	26.54 1.21 0.00	29.31 1.42 -1.10	33.43 1.66 -1.40	33.91 1.77 -3.49	33.09 2.07 -2.96	38.55 2.43 0.00	40.51 2.72 0.00	46.95 2.99 0.00	48.21 2.20 0.00	42.25 1.78 0.00	44.89 1.94 0.00	36.89 1.40 0.00	35.20 1.27 0.00	33.83 1.45 0.00
WADING RIVER_IC_3 23601	38.61 1.81 0.00	32.81 1.34 0.00	31.26 0.96 0.00	30.08 0.72 0.00	28.02 0.72 0.00	27.54 0.76 0.00	30.42 1.24 0.00	30.35 1.14 0.00	29.79 1.00 0.00	27.61 1.10 0.00	26.54 1.21 0.00	29.31 1.42 -1.10	33.43 1.66 -1.40	33.91 1.77 -3.49	33.09 2.07 -2.96	38.55 2.43 0.00	40.51 2.72 0.00	46.95 2.99 0.00	48.21 2.20 0.00	42.25 1.78 0.00	44.89 1.94 0.00	36.89 1.40 0.00	35.20 1.27 0.00	33.83 1.45 0.00
WALDENNY_12_KV_BK2 80841	36.00 -0.80 0.00	30.66 -0.80 0.00	29.53 -0.77 0.00	28.57 -0.79 0.00	26.45 -0.85 0.00	25.89 -0.89 0.00	28.40 -0.77 0.00	28.47 -0.75 0.00	27.89 -0.90 0.00	26.07 -0.45 0.00	25.00 -0.33 0.00	26.58 -0.21 0.00	30.33 -0.05 0.00	28.53 -0.13 0.00	28.10 0.04 0.00	36.43 0.32 0.00	37.86 0.07 0.00	43.63 -0.33 0.00	45.45 -0.56 0.00	39.98 -0.48 0.00	42.34 -0.62 0.00	34.54 -0.95 0.00	33.01 -0.92 0.00	31.70 -0.68 0.00
WALDEN__HYDRO 24148	38.04 1.24 0.00	32.41 0.94 0.00	31.00 0.71 0.00	29.99 0.63 0.00	27.92 0.63 0.00	27.43 0.65 0.00	29.87 0.69 0.00	30.01 0.80 0.00	29.56 0.76 0.00	27.31 0.79 0.00	26.23 0.89 0.00	27.80 1.01 0.00	31.49 1.12 0.00	29.82 1.16 0.00	29.49 1.43 0.00	38.01 1.90 0.00	39.78 2.00 0.00	46.24 2.29 0.00	48.17 2.16 0.00	42.24 1.77 0.00	44.74 1.79 0.00	37.07 1.58 0.00	35.29 1.36 0.00	33.71 1.32 0.00
WARRENSBURG____ 23737	38.30 1.50 0.00	32.73 1.27 0.00	31.43 1.14 0.00	30.38 1.01 0.00	28.21 0.91 0.00	27.78 1.01 0.00	30.36 1.19 0.00	30.47 1.25 0.00	29.80 1.00 0.00	27.15 0.64 0.00	25.74 0.41 0.00	27.11 0.32 0.00	30.67 0.30 0.00	28.88 0.22 0.00	28.60 0.54 0.00	37.06 0.95 0.00	39.41 1.63 0.00	46.14 2.18 0.00	49.88 3.87 0.00	43.88 3.41 0.00	45.94 2.99 0.00	37.32 1.82 0.00	35.49 1.56 0.00	33.84 1.45 0.00
WATERSIDE____6 8 9 23538	38.55 1.75 0.00	32.83 1.36 0.00	31.36 1.06 0.00	30.32 0.95 0.00	28.27 0.97 0.00	27.77 0.99 0.00	30.23 1.06 0.00	30.41 1.19 0.00	30.01 1.21 0.00	27.79 1.28 0.00	26.72 1.38 0.00	28.35 1.56 0.00	32.13 1.76 0.00	30.40 1.74 0.00	30.09 2.03 0.00	38.69 2.58 0.00	40.38 2.59 0.00	46.73 2.77 0.00	48.57 2.56 0.00	42.59 2.12 0.00	45.19 2.23 0.00	37.55 2.06 0.00	35.76 1.83 0.00	34.16 1.78 0.00
WATKINRD_115KV_LN8_ILLION 55919	36.79 -0.01 0.00	31.42 -0.05 0.00	30.27 -0.03 0.00	29.35 -0.01 0.00	27.28 -0.01 0.00	26.81 0.04 0.00	29.23 0.05 0.00	29.28 0.07 0.00	28.59 -0.21 0.00	26.06 -0.46 0.00	24.86 -0.47 0.00	26.28 -0.51 0.00	29.79 -0.59 0.00	28.15 -0.51 0.00	27.77 -0.29 0.00	35.94 -0.17 0.00	37.64 -0.14 0.00	44.07 0.11 0.00	46.41 0.41 0.00	40.90 0.43 0.00	43.37 0.42 0.00	35.90 0.41 0.00	34.12 0.19 0.00	32.57 0.18 0.00
WATSON__69_KV_BK 1 55734	39.42 2.62 0.00	33.47 2.00 0.00	31.88 1.59 0.00	30.72 1.35 0.00	28.60 1.31 0.00	28.10 1.32 0.00	30.86 1.69 0.00	30.96 1.75 0.00	30.50 1.70 0.00	28.28 1.77 0.00	27.21 1.87 0.00	30.19 2.17 -1.23	34.39 2.49 -1.52	34.68 2.53 -3.50	33.83 2.80 -2.97	39.49 3.38 0.00	41.42 3.63 0.00	47.86 3.91 0.00	49.32 3.31 0.00	43.13 2.65 0.00	45.97 3.02 0.00	37.85 2.35 0.00	36.10 2.17 0.00	34.72 2.33 0.00
WDELAWARE__HYD 323627	37.01 0.21 0.00	31.51 0.04 0.00	30.15 -0.15 0.00	29.15 -0.21 0.00	27.15 -0.14 0.00	26.66 -0.11 0.00	29.04 -0.13 0.00	29.18 -0.03 0.00	28.75 -0.05 0.00	26.53 0.02 0.00	25.46 0.12 0.00	26.95 0.16 0.00	30.55 0.17 0.00	28.93 0.27 0.00	28.58 0.52 0.00	36.89 0.77 0.00	38.64 0.86 0.00	45.00 1.05 0.00	46.99 0.98 0.00	41.21 0.74 0.00	43.65 0.69 0.00	36.14 0.65 0.00	34.41 0.47 0.00	32.82 0.44 0.00

WEST BABYLON___IC 23714	39.32 2.52 0.00	33.42 1.95 0.00	31.84 1.54 0.00	30.68 1.32 0.00	28.57 1.28 0.00	28.07 1.29 0.00	30.78 1.61 0.00	30.90 1.68 0.00	30.44 1.65 0.00	28.21 1.70 0.00	27.16 1.83 0.00	30.41 2.12 -1.50	34.59 2.43 -1.77	34.58 2.41 -3.51	33.71 2.67 -2.97	39.35 3.24 0.00	41.19 3.40 0.00	47.62 3.66 0.00	49.12 3.11 0.00	42.97 2.50 0.00	45.83 2.87 0.00	37.78 2.29 0.00	36.11 2.18 0.00	34.70 2.32 0.00
WEST CANADA___HYD 24049	36.84 0.05 0.00	31.50 0.03 0.00	30.33 0.03 0.00	29.42 0.05 0.00	27.34 0.05 0.00	26.83 0.05 0.00	29.23 0.06 0.00	29.27 0.05 0.00	28.80 0.00 0.00	26.49 -0.03 0.00	25.31 -0.02 0.00	26.76 -0.03 0.00	30.35 -0.03 0.00	28.63 -0.03 0.00	28.12 0.06 0.00	36.20 0.08 0.00	37.88 0.09 0.00	44.09 0.13 0.00	46.15 0.14 0.00	40.59 0.12 0.00	43.06 0.11 0.00	35.61 0.12 0.00	34.00 0.07 0.00	32.46 0.08 0.00
WESTERN_NY_WIND 24143	36.43 -0.37 0.00	31.04 -0.43 0.00	29.88 -0.42 0.00	28.90 -0.46 0.00	26.74 -0.55 0.00	26.20 -0.57 0.00	28.73 -0.44 0.00	28.79 -0.42 0.00	28.17 -0.63 0.00	26.11 -0.40 0.00	24.95 -0.39 0.00	26.46 -0.33 0.00	30.29 -0.09 0.00	28.49 -0.17 0.00	28.24 0.17 0.00	36.32 0.20 0.00	37.83 0.05 0.00	43.84 -0.12 0.00	46.07 0.05 0.00	40.59 0.12 0.00	42.96 0.00 0.00	35.07 -0.42 0.00	33.46 -0.47 0.00	32.06 -0.33 0.00
WESTOVER___LESR 323668	36.77 -0.03 0.00	31.34 -0.13 0.00	30.15 -0.15 0.00	29.24 -0.13 0.00	27.16 -0.13 0.00	26.63 -0.15 0.00	29.08 -0.09 0.00	29.13 -0.08 0.00	28.57 -0.23 0.00	26.45 -0.07 0.00	25.29 -0.04 0.00	26.85 0.07 0.00	30.48 0.10 0.00	28.84 0.18 0.00	28.38 0.32 0.00	36.72 0.60 0.00	38.26 0.47 0.00	44.59 0.63 0.00	46.48 0.47 0.00	40.94 0.47 0.00	43.38 0.43 0.00	35.66 0.17 0.00	33.98 0.05 0.00	32.46 0.08 0.00
WETHRSFD_WT_PWR 323626	35.81 -0.99 0.00	30.54 -0.93 0.00	29.41 -0.88 0.00	28.49 -0.88 0.00	26.36 -0.93 0.00	25.81 -0.97 0.00	28.35 -0.82 0.00	28.44 -0.78 0.00	27.83 -0.97 0.00	25.97 -0.55 0.00	24.88 -0.45 0.00	26.49 -0.30 0.00	30.15 -0.23 0.00	28.39 -0.27 0.00	27.95 -0.11 0.00	36.23 0.11 0.00	37.64 -0.14 0.00	43.50 -0.46 0.00	45.28 -0.72 0.00	39.92 -0.55 0.00	42.24 -0.71 0.00	34.45 -1.04 0.00	32.91 -1.02 0.00	31.54 -0.84 0.00
WHAVSTOR_138KV_BK127 55557	37.96 1.16 0.00	32.34 0.87 0.00	30.90 0.60 0.00	29.88 0.51 0.00	27.83 0.53 0.00	27.35 0.57 0.00	29.77 0.60 0.00	29.93 0.72 0.00	29.50 0.70 0.00	27.29 0.78 0.00	26.24 0.90 0.00	27.83 1.04 0.00	31.52 1.14 0.00	29.82 1.16 0.00	29.50 1.43 0.00	37.98 1.87 0.00	39.71 1.92 0.00	46.06 2.11 0.00	47.93 1.92 0.00	42.00 1.53 0.00	44.49 1.54 0.00	36.91 1.42 0.00	35.17 1.24 0.00	33.62 1.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.96 1.16 0.00	32.34 0.87 0.00	30.90 0.60 0.00	29.88 0.51 0.00	27.83 0.53 0.00	27.35 0.57 0.00	29.77 0.60 0.00	29.93 0.72 0.00	29.50 0.70 0.00	27.29 0.78 0.00	26.24 0.90 0.00	27.83 1.04 0.00	31.52 1.14 0.00	29.82 1.16 0.00	29.50 1.43 0.00	37.98 1.87 0.00	39.71 1.92 0.00	46.06 2.11 0.00	47.93 1.92 0.00	42.00 1.53 0.00	44.49 1.54 0.00	36.91 1.42 0.00	35.17 1.24 0.00	33.62 1.24 0.00
WHITEHAL_115KV_TB1 80871	39.54 2.74 0.00	33.85 2.38 0.00	32.37 2.07 0.00	31.04 1.67 0.00	28.75 1.45 0.00	28.44 1.67 0.00	31.22 2.05 0.00	31.36 2.15 0.00	30.51 1.72 0.00	27.53 1.02 0.00	26.13 0.79 0.00	27.38 0.59 0.00	30.99 0.61 0.00	29.46 0.80 0.00	29.30 1.24 0.00	38.10 1.98 0.00	40.72 2.93 0.00	47.61 3.65 0.00	50.96 4.95 0.00	45.19 4.72 0.00	47.84 4.88 0.00	39.35 3.86 0.00	36.56 2.63 0.00	34.57 2.19 0.00
WHITEPLN_13_KV_LOAD 356215	38.63 1.83 0.00	32.90 1.43 0.00	31.44 1.14 0.00	30.40 1.03 0.00	28.30 1.00 0.00	27.81 1.03 0.00	30.30 1.12 0.00	30.47 1.26 0.00	30.06 1.26 0.00	27.82 1.31 0.00	26.76 1.42 0.00	28.39 1.60 0.00	32.17 1.80 0.00	30.45 1.79 0.00	30.15 2.08 0.00	38.81 2.69 0.00	40.56 2.77 0.00	47.03 3.08 0.00	48.90 2.89 0.00	42.88 2.41 0.00	45.43 2.47 0.00	37.69 2.19 0.00	35.87 1.94 0.00	34.26 1.88 0.00
WM_FLOYD_69_KV_BK2 356380	38.91 2.11 0.00	33.06 1.59 0.00	31.50 1.20 0.00	30.33 0.96 0.00	28.23 0.94 0.00	27.74 0.97 0.00	30.57 1.40 0.00	30.59 1.38 0.00	30.06 1.26 0.00	27.85 1.34 0.00	26.75 1.42 0.00	29.55 1.66 -1.11	33.70 1.91 -1.40	34.17 2.02 -3.49	33.34 2.32 -2.96	38.84 2.72 0.00	40.81 3.02 0.00	47.26 3.30 0.00	48.64 2.63 0.00	42.62 2.15 0.00	45.29 2.34 0.00	37.23 1.74 0.00	35.52 1.59 0.00	34.15 1.77 0.00
WOODARD___115KV_TB2 355635	36.60 -0.20 0.00	31.30 -0.17 0.00	30.12 -0.18 0.00	29.21 -0.16 0.00	27.13 -0.17 0.00	26.60 -0.18 0.00	28.99 -0.18 0.00	29.00 -0.21 0.00	28.50 -0.30 0.00	26.23 -0.28 0.00	25.02 -0.32 0.00	26.49 -0.30 0.00	30.09 -0.29 0.00	28.44 -0.21 0.00	27.95 -0.11 0.00	36.06 -0.06 0.00	37.73 -0.06 0.00	43.93 -0.03 0.00	45.97 -0.04 0.00	40.43 -0.04 0.00	42.83 -0.12 0.00	35.31 -0.18 0.00	33.67 -0.26 0.00	32.15 -0.23 0.00
YORK___WARBASSE 23770	38.77 1.97 0.00	33.03 1.56 0.00	31.55 1.25 0.00	30.46 1.09 0.00	28.38 1.08 0.00	27.88 1.09 0.00	30.36 1.19 0.00	30.53 1.32 0.00	30.14 1.35 0.00	27.90 1.39 0.00	26.84 1.50 0.00	28.48 1.69 0.00	32.30 1.92 0.00	30.56 1.90 0.00	30.25 2.19 -0.01	38.90 2.78 -0.01	40.59 2.80 0.00	46.97 3.01 0.00	48.78 2.77 0.00	42.79 2.32 0.00	45.41 2.46 0.00	37.80 2.30 -0.01	35.98 2.05 0.00	34.35 1.97 0.00