





ARTHUR_KILL_COGEN 323718	51.07 1.48 0.00	39.52 1.45 0.00	40.33 1.42 0.00	40.40 1.49 0.00	38.80 1.69 0.00	44.20 1.91 0.00	70.65 3.18 0.00	59.82 2.57 0.00	50.76 2.24 0.00	36.86 1.74 0.00	31.75 1.38 0.00	28.82 1.14 0.00	30.74 1.25 -0.09	32.00 1.24 0.00	32.25 1.21 0.00	39.62 1.46 0.00	42.05 1.58 0.00	50.49 1.84 0.00	52.45 2.29 0.00	47.07 2.18 0.00	43.02 2.23 0.00	43.76 2.38 0.00	42.95 2.03 0.00	40.94 1.79 0.00
ASHOKAN____ 23654	50.91 1.32 0.00	39.04 0.97 0.00	39.87 0.96 0.00	39.91 1.01 0.00	38.18 1.07 0.00	43.92 1.62 0.00	70.24 2.77 0.00	59.83 2.58 0.00	50.74 2.21 0.00	36.56 1.44 0.00	31.35 0.98 0.00	28.14 0.46 0.00	29.79 0.39 0.00	31.08 0.32 0.00	31.51 0.47 0.00	38.87 0.70 0.00	41.68 1.21 0.00	50.42 1.78 0.00	52.23 2.07 0.00	46.90 2.01 0.00	42.84 2.06 0.00	43.43 2.04 0.00	42.66 1.73 0.00	40.47 1.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.85 1.27 0.00	37.33 1.08 1.82	28.56 1.02 11.36	28.56 1.09 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.20 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.39 2.22 0.00	46.99 2.10 0.00	42.96 2.17 0.00	43.69 2.30 0.00	42.91 1.99 0.00	40.77 1.63 0.00
ASTORIA_EAST_ENERGY_CC2 323582	50.83 1.24 0.00	37.31 1.06 1.82	28.54 1.00 11.36	28.54 1.07 11.44	37.53 1.18 0.76	43.73 1.45 0.01	69.56 2.60 0.52	59.42 2.17 0.01	50.53 2.01 0.00	36.64 1.52 0.00	31.64 1.28 0.00	28.71 1.03 0.00	30.62 1.12 -0.09	31.87 1.11 0.00	32.10 1.06 0.00	39.44 1.28 0.00	41.96 1.49 0.00	50.41 1.77 0.00	52.35 2.19 0.00	46.98 2.08 0.00	42.93 2.15 0.00	43.66 2.28 0.00	42.89 1.97 0.00	40.76 1.61 0.00
ASTORIA_GT2_1 24094	50.85 1.27 0.00	37.33 1.08 1.82	28.55 1.01 11.36	28.56 1.10 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.21 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.38 2.22 0.00	46.99 2.10 0.00	42.98 2.19 0.00	43.69 2.31 0.00	42.93 2.01 0.00	40.78 1.63 0.00
ASTORIA_GT2_2 24095	50.85 1.27 0.00	37.33 1.08 1.82	28.55 1.01 11.36	28.56 1.10 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.21 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.38 2.22 0.00	46.99 2.10 0.00	42.98 2.19 0.00	43.69 2.31 0.00	42.93 2.01 0.00	40.78 1.63 0.00
ASTORIA_GT2_3 24096	50.85 1.27 0.00	37.33 1.08 1.82	28.55 1.01 11.36	28.56 1.10 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.21 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.38 2.22 0.00	46.99 2.10 0.00	42.98 2.19 0.00	43.69 2.31 0.00	42.93 2.01 0.00	40.78 1.63 0.00
ASTORIA_GT2_4 24097	50.85 1.27 0.00	37.33 1.08 1.82	28.55 1.01 11.36	28.56 1.10 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.21 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.38 2.22 0.00	46.99 2.10 0.00	42.98 2.19 0.00	43.69 2.31 0.00	42.93 2.01 0.00	40.78 1.63 0.00
ASTORIA_GT3_1 24098	50.85 1.27 0.00	37.33 1.08 1.82	28.55 1.01 11.36	28.56 1.10 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.21 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.38 2.22 0.00	46.99 2.10 0.00	42.98 2.19 0.00	43.69 2.31 0.00	42.93 2.01 0.00	40.78 1.63 0.00
ASTORIA_GT3_2 24099	50.85 1.27 0.00	37.33 1.08 1.82	28.55 1.01 11.36	28.56 1.10 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.21 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.38 2.22 0.00	46.99 2.10 0.00	42.98 2.19 0.00	43.69 2.31 0.00	42.93 2.01 0.00	40.78 1.63 0.00
ASTORIA_GT3_3 24100	50.85 1.27 0.00	37.33 1.08 1.82	28.55 1.01 11.36	28.56 1.10 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.21 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.38 2.22 0.00	46.99 2.10 0.00	42.98 2.19 0.00	43.69 2.31 0.00	42.93 2.01 0.00	40.78 1.63 0.00
ASTORIA_GT3_4 24101	50.85 1.27 0.00	37.33 1.08 1.82	28.55 1.01 11.36	28.56 1.10 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.21 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.38 2.22 0.00	46.99 2.10 0.00	42.98 2.19 0.00	43.69 2.31 0.00	42.93 2.01 0.00	40.78 1.63 0.00
ASTORIA_GT4_1 24102	50.85 1.27 0.00	37.33 1.08 1.82	28.55 1.01 11.36	28.56 1.10 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.21 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.38 2.22 0.00	46.99 2.10 0.00	42.98 2.19 0.00	43.69 2.31 0.00	42.93 2.01 0.00	40.78 1.63 0.00
ASTORIA_GT4_2 24103	50.85 1.27 0.00	37.33 1.08 1.82	28.55 1.01 11.36	28.56 1.10 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.21 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.38 2.22 0.00	46.99 2.10 0.00	42.98 2.19 0.00	43.69 2.31 0.00	42.93 2.01 0.00	40.78 1.63 0.00
ASTORIA_GT4_3 24104	50.85 1.27 0.00	37.33 1.08 1.82	28.55 1.01 11.36	28.56 1.10 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.21 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.38 2.22 0.00	46.99 2.10 0.00	42.98 2.19 0.00	43.69 2.31 0.00	42.93 2.01 0.00	40.78 1.63 0.00

ASTORIA_GT4_4 24105	50.85 1.27 0.00	37.33 1.08 1.82	28.55 1.01 11.36	28.56 1.10 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.21 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.38 2.22 0.00	46.99 2.10 0.00	42.98 2.19 0.00	43.69 2.31 0.00	42.93 2.01 0.00	40.78 1.63 0.00
ASTORIA_GT_1 23523	50.94 1.35 0.00	37.39 1.14 1.82	28.62 1.08 11.36	28.62 1.16 11.44	37.61 1.26 0.76	43.83 1.55 0.01	69.70 2.74 0.52	59.55 2.31 0.01	50.65 2.12 0.00	36.73 1.60 0.00	31.72 1.36 0.00	28.77 1.09 0.00	30.69 1.19 -0.09	31.94 1.18 0.00	32.17 1.14 0.00	39.54 1.37 0.00	42.06 1.59 0.00	50.53 1.89 0.00	52.47 2.30 0.00	47.08 2.19 0.00	43.05 2.27 0.00	43.77 2.39 0.00	43.00 2.08 0.00	40.85 1.70 0.00
ASTORIA_GT_10 24110	50.98 1.39 0.00	39.30 1.22 0.00	40.13 1.22 0.00	40.20 1.30 0.00	38.52 1.41 0.00	43.97 1.68 0.00	70.28 2.81 0.00	59.60 2.34 0.00	50.67 2.14 0.00	36.81 1.68 0.00	31.78 1.42 0.00	28.89 1.20 0.00	30.78 1.29 -0.09	32.05 1.30 0.00	32.29 1.26 0.00	39.67 1.50 0.00	42.19 1.72 0.00	50.60 1.96 0.00	52.52 2.35 0.00	47.12 2.24 0.00	43.12 2.34 0.00	43.84 2.45 0.00	43.08 2.16 0.00	40.93 1.78 0.00
ASTORIA_GT_11 24225	50.98 1.39 0.00	39.30 1.22 0.00	40.13 1.22 0.00	40.20 1.30 0.00	38.52 1.41 0.00	43.97 1.68 0.00	70.28 2.81 0.00	59.60 2.34 0.00	50.67 2.14 0.00	36.81 1.68 0.00	31.78 1.42 0.00	28.89 1.20 0.00	30.78 1.29 -0.09	32.05 1.30 0.00	32.29 1.26 0.00	39.67 1.50 0.00	42.19 1.72 0.00	50.60 1.96 0.00	52.52 2.35 0.00	47.12 2.24 0.00	43.12 2.34 0.00	43.84 2.45 0.00	43.08 2.16 0.00	40.93 1.78 0.00
ASTORIA_GT_12 24226	50.98 1.39 0.00	39.30 1.22 0.00	40.13 1.22 0.00	40.20 1.30 0.00	38.52 1.41 0.00	43.97 1.68 0.00	70.28 2.81 0.00	59.60 2.34 0.00	50.67 2.14 0.00	36.81 1.68 0.00	31.78 1.42 0.00	28.89 1.20 0.00	30.78 1.29 -0.09	32.05 1.30 0.00	32.29 1.26 0.00	39.67 1.50 0.00	42.19 1.72 0.00	50.60 1.96 0.00	52.52 2.35 0.00	47.12 2.24 0.00	43.12 2.34 0.00	43.84 2.45 0.00	43.08 2.16 0.00	40.93 1.78 0.00
ASTORIA_GT_13 24227	50.98 1.39 0.00	39.30 1.22 0.00	40.13 1.22 0.00	40.20 1.30 0.00	38.52 1.41 0.00	43.97 1.68 0.00	70.28 2.81 0.00	59.60 2.34 0.00	50.67 2.14 0.00	36.81 1.68 0.00	31.78 1.42 0.00	28.89 1.20 0.00	30.78 1.29 -0.09	32.05 1.30 0.00	32.29 1.26 0.00	39.67 1.50 0.00	42.19 1.72 0.00	50.60 1.96 0.00	52.52 2.35 0.00	47.12 2.24 0.00	43.12 2.34 0.00	43.84 2.45 0.00	43.08 2.16 0.00	40.93 1.78 0.00
ASTORIA_GT_5 24106	50.94 1.35 0.00	37.39 1.14 1.82	28.62 1.08 11.36	28.62 1.16 11.44	37.61 1.26 0.76	43.83 1.55 0.01	69.70 2.74 0.52	59.55 2.31 0.01	50.65 2.12 0.00	36.73 1.60 0.00	31.72 1.36 0.00	28.77 1.09 0.00	30.69 1.19 -0.09	31.94 1.18 0.00	32.17 1.14 0.00	39.54 1.37 0.00	42.06 1.59 0.00	50.53 1.89 0.00	52.47 2.30 0.00	47.08 2.19 0.00	43.05 2.27 0.00	43.77 2.39 0.00	43.00 2.08 0.00	40.85 1.70 0.00
ASTORIA_GT_7 24107	50.94 1.35 0.00	37.39 1.14 1.82	28.62 1.08 11.36	28.62 1.16 11.44	37.61 1.26 0.76	43.83 1.55 0.01	69.70 2.74 0.52	59.55 2.31 0.01	50.65 2.12 0.00	36.73 1.60 0.00	31.72 1.36 0.00	28.77 1.09 0.00	30.69 1.19 -0.09	31.94 1.18 0.00	32.17 1.14 0.00	39.54 1.37 0.00	42.06 1.59 0.00	50.53 1.89 0.00	52.47 2.30 0.00	47.08 2.19 0.00	43.05 2.27 0.00	43.77 2.39 0.00	43.00 2.08 0.00	40.85 1.70 0.00
ASTORIA_GT_8 24108	50.94 1.35 0.00	37.39 1.14 1.82	28.62 1.08 11.36	28.62 1.16 11.44	37.61 1.26 0.76	43.83 1.55 0.01	69.70 2.74 0.52	59.55 2.31 0.01	50.65 2.12 0.00	36.73 1.60 0.00	31.72 1.36 0.00	28.77 1.09 0.00	30.69 1.19 -0.09	31.94 1.18 0.00	32.17 1.14 0.00	39.54 1.37 0.00	42.06 1.59 0.00	50.53 1.89 0.00	52.47 2.30 0.00	47.08 2.19 0.00	43.05 2.27 0.00	43.77 2.39 0.00	43.00 2.08 0.00	40.85 1.70 0.00
ASTORIA___2 24149	50.85 1.27 0.00	37.33 1.08 1.82	28.56 1.02 11.36	28.56 1.09 11.44	37.55 1.20 0.76	43.76 1.47 0.01	69.60 2.64 0.52	59.45 2.20 0.01	50.56 2.03 0.00	36.67 1.54 0.00	31.66 1.30 0.00	28.72 1.04 0.00	30.63 1.13 -0.09	31.89 1.13 0.00	32.12 1.08 0.00	39.47 1.30 0.00	41.99 1.52 0.00	50.44 1.80 0.00	52.39 2.22 0.00	46.99 2.10 0.00	42.96 2.17 0.00	43.69 2.30 0.00	42.91 1.99 0.00	40.77 1.63 0.00
ASTORIA___3 23516	50.97 1.39 0.00	39.30 1.22 0.00	40.13 1.22 0.00	40.20 1.30 0.00	38.52 1.41 0.00	43.97 1.68 0.00	70.28 2.81 0.00	59.59 2.33 0.00	50.67 2.14 0.00	36.81 1.68 0.00	31.78 1.42 0.00	28.88 1.21 0.00	30.79 1.29 -0.09	32.05 1.29 0.00	32.29 1.26 0.00	39.68 1.51 0.00	42.19 1.72 0.00	50.61 1.96 0.00	52.52 2.36 0.00	47.12 2.23 0.00	43.11 2.33 0.00	43.82 2.44 0.00	43.07 2.14 0.00	40.93 1.78 0.00
ASTORIA___4 23517	50.98 1.39 0.00	39.30 1.22 0.00	40.13 1.22 0.00	40.20 1.30 0.00	38.52 1.41 0.00	43.97 1.68 0.00	70.28 2.81 0.00	59.60 2.34 0.00	50.67 2.14 0.00	36.81 1.68 0.00	31.78 1.42 0.00	28.89 1.20 0.00	30.78 1.29 -0.09	32.05 1.30 0.00	32.29 1.26 0.00	39.67 1.50 0.00	42.19 1.72 0.00	50.60 1.96 0.00	52.52 2.35 0.00	47.12 2.24 0.00	43.12 2.34 0.00	43.84 2.45 0.00	43.08 2.16 0.00	40.93 1.78 0.00
ASTORIA___5 23518	50.97 1.39 0.00	39.30 1.22 0.00	40.13 1.22 0.00	40.20 1.30 0.00	38.52 1.41 0.00	43.97 1.68 0.00	70.28 2.81 0.00	59.59 2.33 0.00	50.67 2.14 0.00	36.81 1.68 0.00	31.78 1.42 0.00	28.88 1.21 0.00	30.79 1.29 -0.09	32.05 1.29 0.00	32.29 1.26 0.00	39.68 1.51 0.00	42.19 1.72 0.00	50.61 1.96 0.00	52.52 2.35 0.00	47.12 2.23 0.00	43.11 2.33 0.00	43.82 2.44 0.00	43.06 2.14 0.00	40.93 1.78 0.00
AST_ENERGY_2_CC3 323677	50.32 0.73 0.00	36.92 0.67 1.82	28.14 0.60 11.36	28.14 0.67 11.44	37.16 0.81 0.76	43.30 1.02 0.01	68.88 1.93 0.52	58.86 1.61 0.01	50.07 1.54 0.00	36.30 1.18 0.00	31.35 0.99 0.00	28.45 0.77 0.00	30.31 0.82 -0.09	31.56 0.80 0.00	31.78 0.75 0.00	39.06 0.89 0.00	41.56 1.09 0.00	49.93 1.29 0.00	51.86 1.70 0.00	46.53 1.64 0.00	42.54 1.75 0.00	43.26 1.88 0.00	42.49 1.56 0.00	40.37 1.22 0.00
AST_ENERGY_2_CC4 323678	50.32 0.73 0.00	36.92 0.67 1.82	28.14 0.60 11.36	28.14 0.67 11.44	37.16 0.81 0.76	43.30 1.02 0.01	68.88 1.93 0.52	58.86 1.61 0.01	50.07 1.54 0.00	36.30 1.18 0.00	31.35 0.99 0.00	28.45 0.77 0.00	30.31 0.82 -0.09	31.56 0.80 0.00	31.78 0.75 0.00	39.06 0.89 0.00	41.56 1.09 0.00	49.93 1.29 0.00	51.86 1.70 0.00	46.53 1.64 0.00	42.54 1.75 0.00	43.26 1.88 0.00	42.49 1.56 0.00	40.37 1.22 0.00











BRENTWOD_69_KV_W. BRTWOOD 56703	56.33 1.92 -4.83	61.70 1.36 -22.27	52.35 1.35 -12.09	52.80 1.38 -12.51	49.28 1.67 -10.49	46.28 2.58 -1.41	69.20 3.51 1.78	56.36 2.72 3.61	49.18 2.43 1.77	37.60 2.10 -0.39	42.66 1.60 -10.70	29.03 1.35 0.00	30.80 1.30 -0.09	31.78 1.02 0.00	31.38 0.88 0.54	33.67 1.03 5.53	35.30 1.41 6.57	42.09 1.77 8.32	43.69 2.26 8.73	39.53 2.03 7.39	36.37 2.41 6.83	39.99 2.65 4.05	42.17 2.27 1.03	41.17 1.85 -0.17
BRISTLHL_115KV_TB1 79998	48.65 -0.94 0.00	37.34 -0.73 0.00	38.12 -0.79 0.00	38.12 -0.78 0.00	36.33 -0.78 0.00	41.43 -0.86 0.00	66.05 -1.42 0.00	56.03 -1.22 0.00	47.45 -1.08 0.00	34.35 -0.78 0.00	29.71 -0.65 0.00	27.06 -0.62 0.00	28.73 -0.68 0.00	30.04 -0.71 0.00	30.29 -0.75 0.00	37.09 -1.08 0.00	39.25 -1.22 0.00	47.31 -1.34 0.00	48.91 -1.26 0.00	43.77 -1.12 0.00	39.75 -1.03 0.00	40.33 -1.05 0.00	39.90 -1.03 0.00	38.30 -0.85 0.00
BROOKHAVEN___DRP 24191	55.20 1.61 -4.00	60.08 1.09 -20.92	51.56 1.12 -11.52	52.00 1.19 -11.91	48.57 1.45 -10.01	45.90 2.24 -1.36	68.50 3.10 2.07	55.45 2.38 4.18	48.60 2.13 2.05	37.24 1.74 -0.37	42.00 1.28 -10.36	28.69 1.01 0.00	30.42 0.92 -0.09	31.45 0.69 0.00	31.04 0.63 0.62	32.57 0.81 6.41	34.07 1.21 7.62	40.45 1.53 9.72	41.86 1.90 10.20	37.99 1.74 8.64	35.05 2.24 7.98	39.13 2.47 4.73	41.91 2.19 1.20	40.91 1.70 -0.07
BROOKLYN_NAVY_YARD 23515	50.90 1.32 0.00	37.31 1.05 1.82	28.53 1.00 11.37	28.54 1.08 11.45	37.54 1.18 0.77	43.78 1.50 0.02	69.49 2.53 0.51	59.39 2.14 0.00	50.49 1.96 0.00	36.62 1.50 0.00	31.61 1.25 0.00	28.75 1.07 0.00	30.61 1.12 -0.09	31.88 1.12 0.00	32.12 1.09 0.00	39.50 1.33 0.00	42.04 1.56 0.00	50.51 1.87 0.00	52.39 2.23 0.00	47.04 2.15 0.00	42.99 2.20 0.00	43.68 2.30 0.00	42.93 2.01 0.00	40.76 1.61 0.00
BROOKLYN___ARMY_DRP 323595	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.77 2.51 0.00	50.80 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.19 2.40 0.00	43.93 2.54 0.00	43.16 2.23 0.00	41.04 1.89 0.00
BROOME_2_LFGE 323671	49.94 0.36 0.00	38.26 0.19 0.00	39.03 0.13 0.00	39.05 0.14 0.00	37.21 0.09 0.00	42.53 0.24 0.00	67.83 0.36 0.00	57.29 0.04 0.00	48.41 -0.12 0.00	35.04 -0.08 0.00	30.43 0.07 0.00	27.82 0.14 0.00	29.60 0.20 0.00	30.96 0.20 0.00	31.17 0.14 0.00	38.21 0.04 0.00	40.38 -0.09 0.00	48.56 -0.08 0.00	50.10 -0.06 0.00	44.98 -0.05 -0.14	41.06 -0.17 -0.44	41.84 -0.16 -0.61	41.72 -0.10 -0.90	39.52 -0.03 -0.39
BROOME___LFGE 323600	49.94 0.36 0.00	38.26 0.19 0.00	39.03 0.13 0.00	39.05 0.14 0.00	37.21 0.09 0.00	42.53 0.24 0.00	67.83 0.36 0.00	57.29 0.04 0.00	48.41 -0.12 0.00	35.04 -0.08 0.00	30.43 0.07 0.00	27.82 0.14 0.00	29.60 0.20 0.00	30.96 0.20 0.00	31.17 0.14 0.00	38.21 0.04 0.00	40.38 -0.09 0.00	48.56 -0.08 0.00	50.10 -0.06 0.00	44.98 -0.05 -0.14	41.06 -0.17 -0.44	41.84 -0.16 -0.61	41.72 -0.10 -0.90	39.52 -0.03 -0.39
BROWNFLS_115KV_TB_3_5 80003	51.54 1.95 0.00	39.53 1.45 0.00	40.38 1.47 0.00	40.33 1.42 0.00	38.39 1.27 0.00	43.66 1.37 0.00	69.84 2.37 0.00	59.32 2.07 0.00	50.23 1.71 0.00	36.47 1.35 0.00	31.49 1.13 0.00	28.54 0.86 0.00	30.11 0.71 0.00	31.57 0.82 0.00	31.97 0.94 0.00	39.38 1.22 0.00	41.63 1.16 0.00	49.79 1.15 0.00	51.37 1.20 0.00	45.78 0.89 0.00	41.16 0.38 0.00	41.98 0.60 0.00	41.49 0.57 0.00	39.58 0.43 0.00
BROWNSV1_27_KV_LOAD 356125	51.44 1.85 0.00	39.53 1.46 0.00	40.34 1.43 0.00	40.41 1.50 0.00	38.70 1.59 0.00	44.25 1.96 0.00	70.74 3.27 0.00	60.05 2.79 0.00	51.01 2.49 0.00	37.02 1.90 0.00	31.95 1.59 0.00	29.06 1.38 0.00	30.96 1.47 -0.09	32.25 1.49 0.00	32.49 1.46 0.00	39.92 1.76 0.00	42.50 2.03 0.00	51.05 2.41 0.00	52.96 2.79 0.00	47.53 2.64 0.00	43.45 2.67 0.00	44.15 2.76 0.00	43.41 2.49 0.00	41.21 2.06 0.00
BURROWS___LYONSDAL 23803	51.31 1.73 0.00	39.34 1.27 0.00	40.19 1.28 0.00	40.19 1.28 0.00	38.28 1.17 0.00	43.57 1.27 0.00	69.76 2.28 0.00	59.23 1.98 0.00	50.04 1.52 0.00	36.25 1.12 0.00	31.21 0.85 0.00	28.26 0.58 0.00	29.85 0.45 0.00	31.34 0.58 0.00	31.76 0.73 0.00	39.06 0.89 0.00	41.41 0.94 0.00	49.75 1.11 0.00	51.46 1.29 0.00	45.69 0.80 0.00	41.02 0.24 0.00	41.77 0.38 0.00	41.20 0.28 0.00	39.29 0.14 0.00
CAITHNESS_CC_1 323624	55.08 1.61 -3.89	59.98 1.12 -20.79	51.55 1.16 -11.48	51.97 1.20 -11.86	48.55 1.47 -9.97	45.90 2.25 -1.36	68.42 3.07 2.12	55.32 2.35 4.29	48.55 2.12 2.10	37.26 1.76 -0.37	42.02 1.31 -10.35	28.72 1.05 0.00	30.46 0.96 -0.09	31.48 0.72 0.00	31.05 0.66 0.63	32.43 0.82 6.56	33.88 1.21 7.80	40.28 1.50 9.86	41.70 1.87 10.34	37.85 1.71 8.75	34.92 2.22 8.08	39.04 2.45 4.79	41.87 2.17 1.22	40.90 1.70 -0.06
CALPINE BETH_PAGE_GT4 24209	61.95 1.99 -10.38	71.28 1.46 -31.75	56.58 1.47 -16.20	57.30 1.54 -16.86	52.87 1.75 -14.01	46.42 2.38 -1.75	70.92 3.45 0.00	60.00 2.75 0.00	51.01 2.48 0.00	37.65 2.05 -0.48	45.18 1.55 -13.26	28.98 1.30 0.00	30.77 1.28 -0.09	31.87 1.11 0.00	32.06 1.03 0.00	39.38 1.21 0.00	41.90 1.43 0.00	50.38 1.74 0.00	52.33 2.17 0.00	46.87 1.98 0.00	43.13 2.34 0.00	43.92 2.53 0.00	43.28 2.36 0.00	41.90 1.94 -0.82
CALPINE_BETH_PAGE_GT_4 323586	61.95 1.99 -10.38	71.29 1.47 -31.75	56.60 1.49 -16.20	57.30 1.53 -16.86	52.88 1.75 -14.01	46.42 2.39 -1.75	70.92 3.45 0.00	59.99 2.74 0.00	51.00 2.48 0.00	37.65 2.05 -0.48	45.18 1.56 -13.26	28.98 1.30 0.00	30.77 1.28 -0.09	31.87 1.11 0.00	32.06 1.03 0.00	39.38 1.21 0.00	41.90 1.43 0.00	50.38 1.73 0.00	52.33 2.17 0.00	46.87 1.98 0.00	43.11 2.33 0.00	43.91 2.52 0.00	43.27 2.35 0.00	41.91 1.94 -0.82
CALPINE_BP_GT1 23823	61.95 1.99 -10.38	71.29 1.47 -31.75	56.60 1.49 -16.20	57.30 1.53 -16.86	52.88 1.75 -14.01	46.42 2.39 -1.75	70.92 3.45 0.00	59.99 2.74 0.00	51.00 2.48 0.00	37.65 2.05 -0.48	45.18 1.56 -13.26	28.98 1.30 0.00	30.77 1.28 -0.09	31.87 1.11 0.00	32.06 1.03 0.00	39.38 1.21 0.00	41.90 1.43 0.00	50.38 1.73 0.00	52.33 2.17 0.00	46.87 1.98 0.00	43.11 2.33 0.00	43.91 2.52 0.00	43.27 2.35 0.00	41.91 1.94 -0.82
CALSPAN___DRP 24200	49.78 0.19 0.00	38.26 0.18 0.00	38.80 -0.10 0.00	38.65 -0.26 0.00	36.36 -0.75 0.00	41.28 -1.01 0.00	64.95 -2.52 0.00	54.31 -2.95 0.00	45.76 -2.77 0.00	33.59 -1.54 0.00	29.48 -0.88 0.00	27.31 -0.37 0.00	29.24 -0.16 0.00	30.45 -0.31 0.00	30.85 -0.18 0.00	37.68 -0.48 0.00	39.12 -1.35 0.00	46.17 -2.47 0.00	47.50 -2.67 0.00	42.43 -2.46 0.00	38.37 -2.42 0.00	39.22 -2.17 0.00	39.53 -1.39 0.00	38.48 -0.67 0.00

CALVERTON___SOLAR 323806	55.29 1.69 -4.02	60.16 1.15 -20.94	51.60 1.17 -11.53	52.03 1.21 -11.91	48.62 1.49 -10.01	45.94 2.29 -1.36	68.57 3.16 2.06	55.54 2.45 4.16	48.69 2.20 2.04	37.28 1.78 -0.37	42.02 1.30 -10.36	28.69 1.01 0.00	30.42 0.93 -0.09	31.45 0.69 0.00	31.05 0.64 0.62	32.63 0.84 6.38	34.15 1.26 7.58	40.58 1.61 9.66	42.02 1.99 10.14	38.13 1.83 8.59	35.16 2.31 7.93	39.23 2.54 4.70	41.97 2.25 1.20	40.97 1.75 -0.07
CANDIGU_WT_PWR 323617	49.83 0.25 0.00	38.16 0.09 0.00	38.61 -0.30 0.00	38.54 -0.37 0.00	36.36 -0.75 0.00	41.49 -0.80 0.00	65.87 -1.60 0.00	55.41 -1.84 0.00	46.72 -1.81 0.00	33.98 -1.15 0.00	29.71 -0.65 0.00	27.25 -0.43 0.00	29.10 -0.30 0.00	30.37 -0.39 0.00	30.55 -0.48 0.00	37.31 -0.86 0.00	39.18 -1.30 0.00	47.10 -1.54 0.00	48.41 -1.76 0.00	43.28 -1.86 -0.25	39.33 -2.24 -0.79	40.29 -2.18 -1.08	40.73 -1.79 -1.60	38.39 -1.45 -0.69
CARR STREET_E_SYR 24060	48.99 -0.60 0.00	37.58 -0.50 0.00	38.38 -0.53 0.00	38.38 -0.53 0.00	36.58 -0.54 0.00	41.72 -0.58 0.00	66.55 -0.93 0.00	56.41 -0.84 0.00	47.73 -0.79 0.00	34.56 -0.56 0.00	29.90 -0.46 0.00	27.30 -0.38 0.00	28.98 -0.43 0.00	30.28 -0.48 0.00	30.52 -0.51 0.00	37.39 -0.78 0.00	39.50 -0.97 0.00	47.57 -1.08 0.00	49.15 -1.02 0.00	43.98 -0.91 0.00	39.95 -0.84 0.00	40.62 -0.77 0.00	40.19 -0.74 0.00	38.57 -0.58 0.00
CARTHAGE___PAPER 23857	52.17 2.58 0.00	39.94 1.86 0.00	40.83 1.92 0.00	40.76 1.85 0.00	38.77 1.66 0.00	44.04 1.74 0.00	70.59 3.12 0.00	60.00 2.75 0.00	50.66 2.13 0.00	36.75 1.62 0.00	31.61 1.25 0.00	28.45 0.77 0.00	29.90 0.50 0.00	31.58 0.82 0.00	32.07 1.04 0.00	39.37 1.20 0.00	41.79 1.32 0.00	49.90 1.26 0.00	51.87 1.70 0.00	45.97 1.08 0.00	41.12 0.33 0.00	41.96 0.57 0.00	41.37 0.44 0.00	39.39 0.24 0.00
CASSADAGA_WT_PWR 323784	48.58 -1.01 0.00	37.61 -0.46 0.00	38.11 -0.80 0.00	38.06 -0.85 0.00	35.25 -1.86 0.00	40.14 -2.15 0.00	62.70 -4.77 0.00	52.04 -5.21 0.00	44.14 -4.39 0.00	32.30 -2.83 0.00	28.60 -1.76 0.00	26.67 -1.02 0.00	28.84 -0.56 0.00	30.33 -0.43 0.00	30.84 -0.19 0.00	37.65 -0.52 0.00	39.30 -1.17 0.00	46.75 -1.90 0.00	47.65 -2.51 0.00	41.07 -3.22 0.60	35.44 -3.46 1.89	35.51 -3.28 2.60	34.17 -2.91 3.84	35.22 -2.27 1.66
CE_DUNWOOD___DRP 24194	50.96 1.37 0.00	39.13 1.06 0.00	39.92 1.02 0.00	40.01 1.10 0.00	38.32 1.20 0.00	43.83 1.54 0.00	70.12 2.65 0.00	59.49 2.24 0.00	50.50 1.97 0.00	36.57 1.44 0.00	31.53 1.17 0.00	28.66 0.97 0.00	30.53 1.04 -0.09	31.79 1.03 0.00	32.03 1.00 0.00	39.38 1.21 0.00	41.95 1.48 0.00	50.47 1.83 0.00	52.32 2.16 0.00	46.96 2.07 0.00	42.94 2.15 0.00	43.62 2.23 0.00	42.89 1.97 0.00	40.72 1.58 0.00
CE_MILLWOOD___DRP 24193	50.85 1.26 0.00	39.04 0.96 0.00	39.83 0.92 0.00	39.91 1.01 0.00	38.23 1.12 0.00	43.73 1.44 0.00	69.99 2.52 0.00	59.38 2.13 0.00	50.39 1.86 0.00	36.49 1.37 0.00	31.46 1.10 0.00	28.60 0.92 0.00	30.47 0.98 -0.09	31.74 0.98 0.00	31.97 0.94 0.00	39.31 1.14 0.00	41.88 1.41 0.00	50.40 1.76 0.00	52.24 2.08 0.00	46.90 2.01 0.00	42.88 2.10 0.00	43.55 2.16 0.00	42.82 1.89 0.00	40.67 1.52 0.00
CE_NYC2_DRP 24202	50.99 1.41 0.00	39.30 1.22 0.00	40.12 1.21 0.00	40.20 1.29 0.00	38.52 1.41 0.00	43.97 1.68 0.00	70.28 2.81 0.00	59.60 2.35 0.00	50.67 2.14 0.00	36.80 1.67 0.00	31.78 1.42 0.00	28.88 1.20 0.00	30.78 1.29 -0.09	32.06 1.30 0.00	32.29 1.26 0.00	39.67 1.50 0.00	42.19 1.72 0.00	50.62 1.98 0.00	52.53 2.36 0.00	47.13 2.24 0.00	43.12 2.34 0.00	43.83 2.45 0.00	43.08 2.15 0.00	40.93 1.78 0.00
CE_NYC_DRP 24195	51.13 1.54 0.00	39.31 1.23 0.00	40.10 1.20 0.00	40.19 1.28 0.00	38.50 1.38 0.00	44.01 1.71 0.00	70.34 2.87 0.00	59.70 2.44 0.00	50.72 2.20 0.00	36.79 1.67 0.00	31.76 1.40 0.00	28.89 1.21 0.00	30.78 1.29 -0.09	32.06 1.30 0.00	32.29 1.26 0.00	39.69 1.52 0.00	42.24 1.77 0.00	50.75 2.11 0.00	52.63 2.46 0.00	47.24 2.35 0.00	43.18 2.39 0.00	43.88 2.50 0.00	43.14 2.21 0.00	40.95 1.81 0.00
CHAFFEE___LFGE 323603	49.87 0.28 0.00	38.32 0.24 0.00	38.86 -0.05 0.00	38.72 -0.19 0.00	36.45 -0.66 0.00	41.39 -0.90 0.00	65.19 -2.28 0.00	54.55 -2.71 0.00	45.98 -2.55 0.00	33.72 -1.41 0.00	29.60 -0.77 0.00	27.41 -0.27 0.00	29.33 -0.07 0.00	30.52 -0.24 0.00	30.90 -0.13 0.00	37.74 -0.42 0.00	39.21 -1.26 0.00	46.33 -2.31 0.00	47.70 -2.47 0.00	42.09 -2.23 0.57	36.83 -2.17 1.78	36.98 -1.96 2.45	36.11 -1.20 3.61	37.04 -0.55 1.56
CHATEAUG_35_KV_LOAD 355732	50.25 0.66 0.00	38.59 0.51 0.00	39.40 0.49 0.00	39.39 0.48 0.00	37.58 0.47 0.00	42.93 0.64 0.00	68.36 0.89 0.00	57.96 0.70 0.00	49.29 0.76 0.00	35.88 0.76 0.00	31.10 0.74 0.00	28.41 0.73 0.00	30.19 0.79 0.00	31.51 0.75 0.00	31.78 0.75 0.00	39.25 1.08 0.00	41.54 1.07 0.00	49.60 0.96 0.00	51.07 0.90 0.00	45.48 0.59 0.00	40.98 0.19 0.00	41.60 0.21 0.00	41.38 0.46 0.00	39.57 0.42 0.00
CHATEAUG_WT_PWR 323614	50.17 0.58 0.00	38.53 0.45 0.00	39.34 0.43 0.00	39.34 0.44 0.00	37.55 0.43 0.00	42.83 0.54 0.00	68.17 0.70 0.00	57.80 0.54 0.00	49.10 0.58 0.00	35.73 0.60 0.00	30.97 0.61 0.00	28.32 0.64 0.00	30.09 0.69 0.00	31.45 0.69 0.00	31.73 0.70 0.00	39.17 1.00 0.00	41.43 0.96 0.00	49.44 0.80 0.00	50.86 0.69 0.00	45.29 0.40 0.00	40.81 0.03 0.00	41.49 0.10 0.00	41.25 0.32 0.00	39.44 0.29 0.00
CHAT_HIGH_FALL_HYD 323578	50.25 0.66 0.00	38.59 0.51 0.00	39.40 0.49 0.00	39.39 0.48 0.00	37.58 0.47 0.00	42.93 0.64 0.00	68.36 0.89 0.00	57.96 0.70 0.00	49.29 0.76 0.00	35.88 0.76 0.00	31.10 0.74 0.00	28.41 0.73 0.00	30.19 0.79 0.00	31.51 0.75 0.00	31.78 0.75 0.00	39.25 1.08 0.00	41.54 1.07 0.00	49.60 0.96 0.00	51.07 0.90 0.00	45.48 0.59 0.00	40.98 0.19 0.00	41.60 0.21 0.00	41.38 0.46 0.00	39.57 0.42 0.00
CHAUTAUQUA___LFGE 323629	49.20 -0.39 0.00	37.90 -0.17 0.00	38.45 -0.46 0.00	38.39 -0.52 0.00	35.87 -1.25 0.00	40.84 -1.45 0.00	64.24 -3.23 0.00	53.52 -3.73 0.00	45.24 -3.29 0.00	33.06 -2.07 0.00	29.13 -1.24 0.00	27.06 -0.62 0.00	29.09 -0.31 0.00	30.46 -0.30 0.00	30.89 -0.14 0.00	37.71 -0.45 0.00	39.28 -1.19 0.00	46.59 -2.05 0.00	47.74 -2.43 0.00	41.66 -2.65 0.58	36.19 -2.77 1.82	36.28 -2.60 2.51	35.16 -2.06 3.70	36.12 -1.42 1.61
CHERRYST_13_KV_LD 356241	51.24 1.66 0.00	39.39 1.31 0.00	40.20 1.29 0.00	40.28 1.38 0.00	38.58 1.47 0.00	44.12 1.83 0.00	70.53 3.05 0.00	59.85 2.60 0.00	50.86 2.33 0.00	36.90 1.77 0.00	31.84 1.48 0.00	28.97 1.29 0.00	30.87 1.37 -0.09	32.14 1.39 0.00	32.38 1.35 0.00	39.79 1.62 0.00	42.36 1.89 0.00	50.90 2.26 0.00	52.77 2.60 0.00	47.35 2.46 0.00	43.30 2.51 0.00	43.99 2.60 0.00	43.26 2.33 0.00	41.06 1.91 0.00

CHESTROR_138KV_BK263 355645	50.82 1.24 0.00	39.00 0.92 0.00	39.77 0.87 0.00	39.85 0.95 0.00	38.17 1.05 0.00	43.67 1.37 0.00	69.98 2.51 0.00	59.37 2.11 0.00	50.35 1.83 0.00	36.38 1.25 0.00	31.33 0.97 0.00	28.46 0.78 0.00	30.35 0.86 -0.08	31.63 0.87 0.00	31.89 0.85 0.00	39.22 1.06 0.00	41.73 1.26 0.00	50.30 1.66 0.00	52.18 2.01 0.00	46.84 1.95 0.00	42.75 1.97 0.00	43.39 2.00 0.00	42.69 1.77 0.00	40.57 1.42 0.00
CH_MIDHUDSON___DRP 24192	50.87 1.29 0.00	39.06 0.98 0.00	39.88 0.97 0.00	39.95 1.04 0.00	38.24 1.13 0.00	43.71 1.42 0.00	69.93 2.46 0.00	59.36 2.11 0.00	50.35 1.83 0.00	36.42 1.29 0.00	31.36 1.00 0.00	28.49 0.81 0.00	30.30 0.83 -0.07	31.59 0.83 0.00	31.87 0.84 0.00	39.26 1.09 0.00	41.88 1.41 0.00	50.42 1.78 0.00	52.21 2.04 0.00	46.87 1.98 0.00	42.87 2.08 0.00	43.52 2.13 0.00	42.81 1.88 0.00	40.62 1.48 0.00
CH_MISC_IPPS 23765	51.22 1.63 0.00	39.31 1.24 0.00	40.12 1.21 0.00	40.18 1.28 0.00	38.47 1.36 0.00	44.00 1.71 0.00	70.44 2.97 0.00	59.82 2.56 0.00	50.73 2.21 0.00	36.68 1.55 0.00	31.58 1.22 0.00	28.68 1.00 0.00	30.52 1.04 -0.08	31.81 1.06 0.00	32.11 1.08 0.00	39.54 1.37 0.00	42.16 1.69 0.00	50.77 2.13 0.00	52.63 2.46 0.00	47.25 2.36 0.00	43.17 2.38 0.00	43.81 2.42 0.00	43.08 2.16 0.00	40.90 1.75 0.00
CH_RES_BVR_FALLS 23983	49.74 0.15 0.00	38.19 0.11 0.00	39.02 0.11 0.00	38.96 0.06 0.00	37.09 -0.03 0.00	42.13 -0.16 0.00	67.19 -0.28 0.00	57.11 -0.15 0.00	48.49 -0.04 0.00	35.23 0.11 0.00	30.45 0.09 0.00	27.81 0.13 0.00	29.55 0.15 0.00	30.89 0.13 0.00	31.14 0.11 0.00	38.31 0.14 0.00	40.55 0.08 0.00	48.62 -0.02 0.00	49.92 -0.24 0.00	44.24 -0.66 0.00	28.20 -0.86 11.73	16.06 -0.92 24.41	40.11 -0.81 0.00	38.35 -0.80 0.00
CH_RES_NIAGARA 23895	48.99 -0.60 0.00	37.75 -0.32 0.00	38.35 -0.56 0.00	38.17 -0.74 0.00	35.90 -1.21 0.00	40.67 -1.62 0.00	63.90 -3.57 0.00	53.30 -3.95 0.00	44.87 -3.66 0.00	33.01 -2.12 0.00	28.96 -1.40 0.00	26.91 -0.77 0.00	28.83 -0.57 0.00	30.01 -0.75 0.00	30.45 -0.58 0.00	37.17 -1.00 0.00	38.41 -2.06 0.00	44.78 -3.87 0.00	46.01 -4.16 0.00	41.20 -3.69 0.00	37.47 -3.31 0.00	38.43 -2.96 0.00	39.06 -1.87 0.00	38.14 -1.01 0.00
CH_RES_SYRACUSE 23985	49.29 -0.30 0.00	37.82 -0.25 0.00	38.62 -0.29 0.00	38.60 -0.31 0.00	36.81 -0.30 0.00	41.99 -0.30 0.00	67.00 -0.47 0.00	56.76 -0.49 0.00	48.04 -0.49 0.00	34.78 -0.35 0.00	30.10 -0.26 0.00	27.46 -0.22 0.00	29.14 -0.26 0.00	30.46 -0.30 0.00	30.69 -0.35 0.00	37.61 -0.56 0.00	39.79 -0.68 0.00	48.00 -0.64 0.00	49.60 -0.56 0.00	44.39 -0.50 0.00	40.28 -0.50 0.00	40.88 -0.51 0.00	40.44 -0.49 0.00	38.79 -0.36 0.00
CLINTON_WT_PWR 323605	50.17 0.58 0.00	38.53 0.45 0.00	39.34 0.43 0.00	39.34 0.44 0.00	37.55 0.43 0.00	42.83 0.54 0.00	68.17 0.70 0.00	57.80 0.54 0.00	49.10 0.58 0.00	35.73 0.60 0.00	30.97 0.61 0.00	28.32 0.64 0.00	30.09 0.69 0.00	31.45 0.69 0.00	31.73 0.70 0.00	39.17 1.00 0.00	41.43 0.96 0.00	49.44 0.80 0.00	50.86 0.69 0.00	45.29 0.40 0.00	40.81 0.03 0.00	41.49 0.10 0.00	41.25 0.32 0.00	39.44 0.29 0.00
CLINTON___LFGE 323618	50.86 1.28 0.00	39.02 0.95 0.00	39.81 0.91 0.00	39.82 0.91 0.00	38.10 0.99 0.00	43.52 1.23 0.00	69.09 1.61 0.00	58.57 1.31 0.00	49.71 1.18 0.00	36.25 1.12 0.00	31.43 1.07 0.00	28.77 1.09 0.00	30.53 1.13 0.00	31.88 1.12 0.00	32.17 1.14 0.00	39.79 1.62 0.00	42.07 1.61 0.00	50.11 1.47 0.00	51.47 1.30 0.00	45.76 0.87 0.00	41.14 0.36 0.00	41.87 0.48 0.00	41.72 0.80 0.00	39.88 0.73 0.00
COBBLENY_34_KV_TB1 80064	49.88 0.29 0.00	38.32 0.24 0.00	38.87 -0.04 0.00	38.71 -0.19 0.00	36.45 -0.67 0.00	41.41 -0.88 0.00	65.19 -2.28 0.00	54.55 -2.71 0.00	45.98 -2.55 0.00	33.73 -1.40 0.00	29.60 -0.76 0.00	27.41 -0.27 0.00	29.34 -0.07 0.00	30.52 -0.24 0.00	30.91 -0.13 0.00	37.75 -0.42 0.00	39.22 -1.25 0.00	46.33 -2.31 0.00	47.71 -2.46 0.00	42.66 -2.23 0.00	38.58 -2.21 0.00	39.41 -1.98 0.00	39.70 -1.22 0.00	38.59 -0.55 0.00
COFFEEN___115KV_TB3 355620	52.33 2.75 0.00	40.02 1.95 0.00	40.92 2.01 0.00	40.82 1.91 0.00	38.82 1.71 0.00	44.10 1.81 0.00	70.71 3.24 0.00	60.12 2.87 0.00	50.72 2.19 0.00	36.76 1.63 0.00	31.64 1.28 0.00	28.33 0.65 0.00	29.79 0.39 0.00	31.56 0.80 0.00	32.05 1.02 0.00	39.23 1.06 0.00	41.70 1.23 0.00	49.73 1.09 0.00	51.96 1.80 0.00	46.09 1.20 0.00	41.26 0.48 0.00	42.07 0.69 0.00	41.46 0.54 0.00	39.46 0.32 0.00
COLDSPRG_115KV_BK1 355956	49.98 0.40 0.00	38.46 0.39 0.00	39.01 0.10 0.00	38.94 0.04 0.00	36.44 -0.67 0.00	41.62 -0.67 0.00	65.41 -2.06 0.00	54.45 -2.81 0.00	46.08 -2.44 0.00	33.67 -1.45 0.00	29.68 -0.68 0.00	27.57 -0.11 0.00	29.65 0.25 0.00	31.05 0.29 0.00	31.47 0.44 0.00	38.33 0.16 0.00	39.97 -0.50 0.00	47.68 -0.96 0.00	48.88 -1.29 0.00	43.23 -1.66 0.00	38.82 -1.96 0.00	39.63 -1.76 0.00	39.56 -1.37 0.00	38.35 -0.80 0.00
COLONIE_LFGE___ 323577	50.55 0.96 0.00	38.78 0.71 0.00	39.68 0.77 0.00	39.71 0.81 0.00	38.00 0.88 0.00	43.34 1.05 0.00	69.29 1.82 0.00	58.96 1.70 0.00	49.76 1.23 0.00	35.78 0.65 0.00	30.73 0.37 0.00	27.90 0.22 0.00	29.49 0.17 0.09	31.02 0.27 0.00	31.37 0.34 0.00	38.82 0.65 0.00	41.53 1.06 0.00	50.15 1.51 0.00	51.61 1.44 0.00	46.27 1.38 0.00	42.34 1.55 0.00	42.94 1.56 0.00	42.28 1.36 0.00	40.15 1.00 0.00
COOPERNY_115KV_TB1 80082	50.60 1.01 0.00	38.82 0.75 0.00	39.62 0.72 0.00	39.68 0.78 0.00	37.96 0.84 0.00	43.38 1.08 0.00	69.39 1.92 0.00	58.86 1.60 0.00	49.91 1.38 0.00	36.07 0.95 0.00	31.10 0.74 0.00	28.29 0.61 0.00	30.11 0.66 -0.05	31.42 0.66 0.00	31.68 0.65 0.00	38.94 0.77 0.00	41.39 0.92 0.00	49.86 1.22 0.00	51.62 1.46 0.00	46.35 1.46 0.00	42.25 1.47 0.00	42.88 1.50 0.00	42.24 1.32 0.00	40.22 1.08 0.00
COPENHAGEN_WT_PWR 323753	51.72 2.13 0.00	39.55 1.48 0.00	40.48 1.57 0.00	40.35 1.45 0.00	38.37 1.25 0.00	43.54 1.25 0.00	69.78 2.31 0.00	59.32 2.07 0.00	50.01 1.49 0.00	36.33 1.20 0.00	31.31 0.95 0.00	28.15 0.48 0.00	29.65 0.24 0.00	31.31 0.55 0.00	31.74 0.70 0.00	38.86 0.69 0.00	41.27 0.80 0.00	49.23 0.59 0.00	51.01 0.84 0.00	45.09 0.21 0.00	40.34 -0.44 0.00	41.19 -0.20 0.00	40.61 -0.31 0.00	38.65 -0.49 0.00
CORNELL_____ 23752	50.39 0.80 0.00	38.62 0.55 0.00	39.41 0.50 0.00	39.38 0.48 0.00	37.54 0.42 0.00	42.86 0.57 0.00	68.44 0.97 0.00	57.93 0.68 0.00	48.93 0.41 0.00	35.34 0.22 0.00	30.50 0.13 0.00	27.88 0.20 0.00	29.71 0.31 0.00	30.96 0.19 0.00	31.07 0.03 0.00	38.21 0.05 0.00	40.43 -0.04 0.00	48.82 0.17 0.00	50.67 0.50 0.00	45.34 0.45 0.00	41.04 0.26 0.00	41.62 0.23 0.00	41.16 0.24 0.00	39.45 0.30 0.00

CORONA__69_KV_TB1 355595	66.55 2.05 -14.91	85.15 1.48 -45.60	63.70 1.52 -23.27	64.73 1.61 -24.21	59.04 1.80 -20.12	47.20 2.40 -2.51	71.02 3.55 0.00	59.95 2.70 0.00	51.03 2.50 0.00	37.88 2.07 -0.68	50.92 1.58 -18.98	29.01 1.33 0.00	30.84 1.34 -0.09	31.99 1.23 0.00	32.18 1.15 0.00	39.56 1.39 0.00	42.16 1.69 0.00	50.66 2.02 0.00	52.62 2.45 0.00	47.15 2.26 0.00	43.33 2.54 0.00	44.07 2.68 -0.01	43.29 2.36 0.00	42.28 1.97 -1.17
CORTLAND__115KV_TB3 80093	50.00 0.41 0.00	38.34 0.26 0.00	39.13 0.22 0.00	39.15 0.24 0.00	37.31 0.19 0.00	42.61 0.32 0.00	68.04 0.57 0.00	57.61 0.36 0.00	48.70 0.18 0.00	35.20 0.07 0.00	30.45 0.08 0.00	27.79 0.11 0.00	29.52 0.12 0.00	30.85 0.09 0.00	31.07 0.03 0.00	38.11 -0.06 0.00	40.34 -0.13 0.00	48.65 0.01 0.00	50.33 0.17 0.00	45.03 0.14 0.00	40.82 0.03 0.00	41.40 0.01 0.00	40.93 0.01 0.00	39.22 0.07 0.00
COXSACKIE__GT 23611	51.52 1.93 0.00	39.52 1.44 0.00	40.37 1.47 0.00	40.41 1.51 0.00	38.66 1.55 0.00	44.69 2.40 0.00	71.50 4.03 0.00	61.17 3.92 0.00	51.75 3.23 0.00	37.00 1.87 0.00	31.51 1.15 0.00	28.22 0.54 0.00	29.82 0.42 0.00	31.28 0.52 0.00	31.93 0.90 0.00	39.00 0.83 0.00	41.94 1.47 0.00	51.02 2.38 0.00	52.88 2.72 0.00	47.35 2.46 0.00	43.18 2.39 0.00	43.74 2.35 0.00	42.99 2.07 0.00	40.79 1.65 0.00
CPV_VALLEY__CC1 323721	50.77 1.18 0.00	38.94 0.87 0.00	39.72 0.81 0.00	39.80 0.89 0.00	38.12 1.01 0.00	43.62 1.33 0.00	69.89 2.42 0.00	59.29 2.04 0.00	50.30 1.77 0.00	36.35 1.23 0.00	31.32 0.96 0.00	28.47 0.79 0.00	30.35 0.86 -0.08	31.62 0.86 0.00	31.87 0.83 0.00	39.18 1.01 0.00	41.70 1.23 0.00	50.25 1.61 0.00	52.13 1.96 0.00	46.79 1.90 0.00	42.70 1.92 0.00	43.34 1.95 0.00	42.64 1.71 0.00	40.52 1.38 0.00
CPV_VALLEY__CC2 323722	50.77 1.18 0.00	38.94 0.87 0.00	39.72 0.81 0.00	39.80 0.89 0.00	38.12 1.01 0.00	43.62 1.33 0.00	69.89 2.42 0.00	59.29 2.04 0.00	50.30 1.77 0.00	36.35 1.23 0.00	31.32 0.96 0.00	28.47 0.79 0.00	30.35 0.86 -0.08	31.62 0.86 0.00	31.87 0.83 0.00	39.18 1.01 0.00	41.70 1.23 0.00	50.25 1.61 0.00	52.13 1.96 0.00	46.79 1.90 0.00	42.70 1.92 0.00	43.34 1.95 0.00	42.64 1.71 0.00	40.52 1.38 0.00
CRESCENT__HYD 24018	50.55 0.96 0.00	38.78 0.71 0.00	39.68 0.77 0.00	39.71 0.81 0.00	38.00 0.88 0.00	43.34 1.05 0.00	69.29 1.82 0.00	58.96 1.70 0.00	49.76 1.23 0.00	35.78 0.65 0.00	30.73 0.37 0.00	27.90 0.22 0.00	29.49 0.17 0.09	31.02 0.27 0.00	31.37 0.34 0.00	38.82 0.65 0.00	41.53 1.06 0.00	50.15 1.51 0.00	51.61 1.44 0.00	46.27 1.38 0.00	42.34 1.55 0.00	42.94 1.56 0.00	42.28 1.36 0.00	40.15 1.00 0.00
CRICKET__VALLEY_CC1 323756	50.18 0.60 0.00	38.55 0.47 0.00	39.36 0.46 0.00	39.44 0.54 0.00	37.78 0.67 0.00	43.17 0.88 0.00	69.08 1.60 0.00	58.66 1.41 0.00	49.72 1.20 0.00	35.91 0.78 0.00	30.89 0.52 0.00	28.05 0.37 0.00	28.68 0.35 1.07	31.13 0.37 0.00	31.38 0.34 0.00	38.70 0.53 0.00	41.36 0.89 0.00	49.87 1.23 0.00	51.57 1.40 0.00	46.32 1.43 0.00	42.40 1.61 0.00	43.03 1.64 0.00	42.31 1.39 0.00	40.11 0.97 0.00
CRICKET__VALLEY_CC2 323757	50.18 0.60 0.00	38.55 0.47 0.00	39.36 0.46 0.00	39.44 0.54 0.00	37.78 0.67 0.00	43.17 0.88 0.00	69.08 1.60 0.00	58.66 1.41 0.00	49.72 1.20 0.00	35.91 0.78 0.00	30.89 0.52 0.00	28.05 0.37 0.00	28.68 0.35 1.07	31.13 0.37 0.00	31.38 0.34 0.00	38.70 0.53 0.00	41.36 0.89 0.00	49.87 1.23 0.00	51.57 1.40 0.00	46.32 1.43 0.00	42.40 1.61 0.00	43.03 1.64 0.00	42.31 1.39 0.00	40.11 0.97 0.00
CRICKET__VALLEY_CC3 323758	50.18 0.60 0.00	38.55 0.47 0.00	39.36 0.46 0.00	39.44 0.54 0.00	37.78 0.67 0.00	43.17 0.88 0.00	69.08 1.60 0.00	58.66 1.41 0.00	49.72 1.20 0.00	35.91 0.78 0.00	30.89 0.52 0.00	28.05 0.37 0.00	28.68 0.35 1.07	31.13 0.37 0.00	31.38 0.34 0.00	38.70 0.53 0.00	41.36 0.89 0.00	49.87 1.23 0.00	51.57 1.40 0.00	46.32 1.43 0.00	42.40 1.61 0.00	43.03 1.64 0.00	42.31 1.39 0.00	40.11 0.97 0.00
CRUCIBLE__METL_DRP 24180	49.29 -0.30 0.00	37.82 -0.25 0.00	38.62 -0.29 0.00	38.60 -0.31 0.00	36.81 -0.30 0.00	41.98 -0.31 0.00	67.00 -0.47 0.00	56.76 -0.50 0.00	48.04 -0.49 0.00	34.78 -0.35 0.00	30.10 -0.26 0.00	27.46 -0.22 0.00	29.14 -0.26 0.00	30.46 -0.30 0.00	30.69 -0.35 0.00	37.61 -0.55 0.00	39.80 -0.68 0.00	48.00 -0.64 0.00	49.60 -0.57 0.00	44.38 -0.51 0.00	40.27 -0.51 0.00	40.87 -0.52 0.00	40.43 -0.49 0.00	38.79 -0.36 0.00
DAHOWA__HYDRO 323763	51.42 1.84 0.00	39.42 1.35 0.00	40.37 1.46 0.00	40.37 1.47 0.00	38.61 1.50 0.00	44.05 1.76 0.00	70.48 3.01 0.00	59.95 2.69 0.00	50.52 1.99 0.00	36.15 1.03 0.00	30.89 0.53 0.00	28.00 0.32 0.00	29.61 0.28 0.07	31.18 0.42 0.00	31.64 0.60 0.00	39.27 1.10 0.00	42.14 1.67 0.00	51.07 2.42 0.00	52.56 2.39 0.00	47.07 2.18 0.00	43.05 2.27 0.00	43.62 2.23 0.00	42.93 2.01 0.00	40.74 1.60 0.00
DANC__LFGE 323619	50.58 0.99 0.00	38.74 0.67 0.00	39.61 0.70 0.00	39.54 0.63 0.00	37.62 0.51 0.00	42.76 0.47 0.00	68.42 0.95 0.00	58.13 0.87 0.00	49.09 0.56 0.00	35.61 0.49 0.00	30.72 0.36 0.00	27.75 0.07 0.00	29.29 -0.11 0.00	30.83 0.07 0.00	31.21 0.18 0.00	38.21 0.05 0.00	40.49 0.02 0.00	48.49 -0.15 0.00	50.21 0.05 0.00	44.61 -0.28 0.00	40.15 -0.63 0.00	40.94 -0.45 0.00	40.40 -0.53 0.00	38.58 -0.57 0.00
DANSKAMMER__1 23586	51.22 1.63 0.00	39.31 1.24 0.00	40.12 1.21 0.00	40.18 1.28 0.00	38.47 1.36 0.00	44.00 1.71 0.00	70.44 2.97 0.00	59.82 2.56 0.00	50.73 2.21 0.00	36.68 1.55 0.00	31.58 1.22 0.00	28.68 1.00 0.00	30.52 1.04 -0.08	31.81 1.06 0.00	32.11 1.08 0.00	39.54 1.37 0.00	42.16 1.69 0.00	50.77 2.13 0.00	52.63 2.46 0.00	47.25 2.36 0.00	43.17 2.38 0.00	43.81 2.42 0.00	43.08 2.16 0.00	40.90 1.75 0.00
DANSKAMMER__2 23589	51.22 1.63 0.00	39.31 1.24 0.00	40.12 1.21 0.00	40.18 1.28 0.00	38.47 1.36 0.00	44.00 1.71 0.00	70.44 2.97 0.00	59.82 2.56 0.00	50.73 2.21 0.00	36.68 1.55 0.00	31.58 1.22 0.00	28.68 1.00 0.00	30.52 1.04 -0.08	31.81 1.06 0.00	32.11 1.08 0.00	39.54 1.37 0.00	42.16 1.69 0.00	50.77 2.13 0.00	52.63 2.46 0.00	47.25 2.36 0.00	43.17 2.38 0.00	43.81 2.42 0.00	43.08 2.16 0.00	40.90 1.75 0.00
DANSKAMMER__3 23590	51.22 1.63 0.00	39.31 1.24 0.00	40.12 1.21 0.00	40.18 1.28 0.00	38.47 1.36 0.00	44.00 1.71 0.00	70.44 2.97 0.00	59.82 2.56 0.00	50.73 2.21 0.00	36.68 1.55 0.00	31.58 1.22 0.00	28.68 1.00 0.00	30.52 1.04 -0.08	31.81 1.06 0.00	32.11 1.08 0.00	39.54 1.37 0.00	42.16 1.69 0.00	50.77 2.13 0.00	52.63 2.46 0.00	47.25 2.36 0.00	43.17 2.38 0.00	43.81 2.42 0.00	43.08 2.16 0.00	40.90 1.75 0.00

DANSKAMMER___4 23591	51.22 1.63 0.00	39.31 1.24 0.00	40.12 1.21 0.00	40.18 1.28 0.00	38.47 1.36 0.00	44.00 1.71 0.00	70.44 2.97 0.00	59.82 2.56 0.00	50.73 2.21 0.00	36.68 1.55 0.00	31.58 1.22 0.00	28.68 1.00 0.00	30.52 1.04 -0.08	31.81 1.06 0.00	32.11 1.08 0.00	39.54 1.37 0.00	42.16 1.69 0.00	50.77 2.13 0.00	52.63 2.46 0.00	47.25 2.36 0.00	43.17 2.38 0.00	43.81 2.42 0.00	43.08 2.16 0.00	40.90 1.75 0.00
DANSKAMMER___DIESEL 23592	51.22 1.63 0.00	39.31 1.24 0.00	40.12 1.21 0.00	40.18 1.28 0.00	38.48 1.36 0.00	44.00 1.71 0.00	70.44 2.97 0.00	59.82 2.57 0.00	50.73 2.21 0.00	36.67 1.55 0.00	31.58 1.22 0.00	28.68 1.00 0.00	30.52 1.04 -0.08	31.81 1.06 0.00	32.11 1.08 0.00	39.54 1.37 0.00	42.16 1.69 0.00	50.78 2.13 0.00	52.63 2.47 0.00	47.25 2.36 0.00	43.18 2.39 0.00	43.81 2.43 0.00	43.10 2.17 0.00	40.90 1.75 0.00
DARBY___SOLAR 323810	51.21 1.62 0.00	39.26 1.18 0.00	40.19 1.29 0.00	40.21 1.30 0.00	38.45 1.34 0.00	43.86 1.56 0.00	70.15 2.68 0.00	59.66 2.40 0.00	50.28 1.76 0.00	36.02 0.89 0.00	30.81 0.45 0.00	27.94 0.25 0.00	29.53 0.20 0.08	31.10 0.34 0.00	31.53 0.50 0.00	39.13 0.97 0.00	41.97 1.49 0.00	50.80 2.16 0.00	52.30 2.13 0.00	46.83 1.94 0.00	42.82 2.04 0.00	43.41 2.02 0.00	42.74 1.82 0.00	40.57 1.42 0.00
DASHVILLE___HYD 23610	50.71 1.12 0.00	38.92 0.85 0.00	39.74 0.83 0.00	39.82 0.91 0.00	38.11 1.00 0.00	43.57 1.27 0.00	69.66 2.19 0.00	59.15 1.89 0.00	50.17 1.65 0.00	36.30 1.17 0.00	31.26 0.90 0.00	28.35 0.67 0.00	30.14 0.69 -0.05	31.40 0.64 0.00	31.68 0.65 0.00	39.07 0.90 0.00	41.67 1.20 0.00	50.16 1.51 0.00	51.94 1.78 0.00	46.68 1.79 0.00	42.69 1.91 0.00	43.34 1.95 0.00	42.62 1.70 0.00	40.47 1.32 0.00
DELAWARE___LFGE 323621	50.54 0.96 0.00	38.78 0.70 0.00	39.63 0.73 0.00	39.65 0.75 0.00	37.87 0.76 0.00	43.22 0.93 0.00	68.99 1.52 0.00	58.49 1.23 0.00	49.57 1.04 0.00	35.79 0.67 0.00	30.86 0.50 0.00	28.15 0.47 0.00	29.97 0.57 0.00	31.36 0.61 0.00	31.62 0.59 0.00	38.84 0.67 0.00	41.19 0.72 0.00	49.60 0.96 0.00	51.16 0.99 0.00	45.82 0.93 0.00	41.67 0.88 0.00	42.27 0.88 0.00	41.73 0.81 0.00	39.84 0.70 0.00
DERFIELD_115KV_TB7 355931	49.69 0.10 0.00	38.15 0.07 0.00	38.99 0.08 0.00	38.98 0.08 0.00	37.23 0.11 0.00	42.42 0.13 0.00	67.68 0.21 0.00	57.48 0.22 0.00	48.67 0.15 0.00	35.18 0.06 0.00	30.36 0.00 0.00	27.65 -0.03 0.00	29.36 -0.04 0.00	30.74 -0.02 0.00	31.03 0.00 0.00	38.17 0.00 0.00	40.54 0.07 0.00	48.77 0.13 0.00	50.27 0.10 0.00	44.98 0.09 0.00	40.91 0.13 0.00	41.52 0.13 0.00	41.01 0.09 0.00	39.19 0.04 0.00
DOGLEVILLE___HYD 23807	52.52 2.93 0.00	40.22 2.15 0.00	41.10 2.19 0.00	41.15 2.24 0.00	39.37 2.26 0.00	44.98 2.69 0.00	71.98 4.51 0.00	61.33 4.08 0.00	51.58 3.05 0.00	36.50 1.37 0.00	31.01 0.65 0.00	28.13 0.45 0.00	29.69 0.29 0.00	31.43 0.67 0.00	31.93 0.90 0.00	39.56 1.40 0.00	42.64 2.16 0.00	51.63 2.98 0.00	53.23 3.06 0.00	47.68 2.79 0.00	43.48 2.70 0.00	44.24 2.85 0.00	43.68 2.76 0.00	41.46 2.31 0.00
DUNKIRK___115KV_TB_200 55889	49.29 -0.30 0.00	37.95 -0.12 0.00	38.51 -0.40 0.00	38.43 -0.48 0.00	35.95 -1.16 0.00	40.97 -1.32 0.00	64.44 -3.04 0.00	53.70 -3.55 0.00	45.37 -3.16 0.00	33.17 -1.96 0.00	29.21 -1.15 0.00	27.12 -0.56 0.00	29.13 -0.27 0.00	30.48 -0.27 0.00	30.91 -0.12 0.00	37.74 -0.43 0.00	39.29 -1.18 0.00	46.58 -2.06 0.00	47.74 -2.42 0.00	42.30 -2.59 0.00	38.07 -2.72 0.00	38.86 -2.53 0.00	38.95 -1.97 0.00	37.83 -1.32 0.00
DUNKIRK___1 23563	49.29 -0.30 0.00	37.95 -0.12 0.00	38.51 -0.40 0.00	38.43 -0.48 0.00	35.95 -1.16 0.00	40.97 -1.32 0.00	64.44 -3.04 0.00	53.70 -3.55 0.00	45.37 -3.16 0.00	33.17 -1.96 0.00	29.21 -1.15 0.00	27.12 -0.56 0.00	29.13 -0.27 0.00	30.48 -0.27 0.00	30.91 -0.12 0.00	37.74 -0.43 0.00	39.29 -1.18 0.00	46.58 -2.06 0.00	47.74 -2.42 0.00	42.30 -2.59 0.00	38.07 -2.72 0.00	38.86 -2.53 0.00	38.95 -1.97 0.00	37.83 -1.32 0.00
DUNKIRK___2 23564	49.29 -0.30 0.00	37.95 -0.12 0.00	38.51 -0.40 0.00	38.43 -0.48 0.00	35.95 -1.16 0.00	40.97 -1.32 0.00	64.44 -3.04 0.00	53.70 -3.55 0.00	45.37 -3.16 0.00	33.17 -1.96 0.00	29.21 -1.15 0.00	27.12 -0.56 0.00	29.13 -0.27 0.00	30.48 -0.27 0.00	30.91 -0.12 0.00	37.74 -0.43 0.00	39.29 -1.18 0.00	46.58 -2.06 0.00	47.74 -2.42 0.00	42.30 -2.59 0.00	38.07 -2.72 0.00	38.86 -2.53 0.00	38.95 -1.97 0.00	37.83 -1.32 0.00
DUNKIRK___3 23565	49.42 -0.17 0.00	38.00 -0.08 0.00	38.56 -0.35 0.00	38.46 -0.45 0.00	36.09 -1.02 0.00	41.11 -1.18 0.00	64.69 -2.78 0.00	53.98 -3.27 0.00	45.57 -2.95 0.00	33.34 -1.79 0.00	29.31 -1.05 0.00	27.19 -0.49 0.00	29.16 -0.24 0.00	30.48 -0.28 0.00	30.88 -0.15 0.00	37.70 -0.47 0.00	39.23 -1.25 0.00	46.48 -2.16 0.00	47.70 -2.47 0.00	42.39 -2.50 0.00	38.21 -2.58 0.00	39.01 -2.38 0.00	39.15 -1.78 0.00	38.02 -1.13 0.00
DUNKIRK___4 23566	49.42 -0.17 0.00	38.00 -0.08 0.00	38.56 -0.35 0.00	38.46 -0.45 0.00	36.09 -1.02 0.00	41.11 -1.18 0.00	64.69 -2.78 0.00	53.98 -3.27 0.00	45.57 -2.95 0.00	33.34 -1.79 0.00	29.31 -1.05 0.00	27.19 -0.49 0.00	29.16 -0.24 0.00	30.48 -0.28 0.00	30.88 -0.15 0.00	37.70 -0.47 0.00	39.23 -1.25 0.00	46.48 -2.16 0.00	47.70 -2.47 0.00	42.39 -2.50 0.00	38.21 -2.58 0.00	39.01 -2.38 0.00	39.15 -1.78 0.00	38.02 -1.13 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.02 1.44 0.00	39.18 1.10 0.00	39.97 1.06 0.00	40.05 1.14 0.00	38.35 1.24 0.00	43.87 1.58 0.00	70.14 2.67 0.00	59.57 2.32 0.00	50.58 2.06 0.00	36.65 1.52 0.00	31.60 1.24 0.00	28.73 1.05 0.00	30.60 1.11 -0.09	31.87 1.11 0.00	32.11 1.08 0.00	39.49 1.32 0.00	42.06 1.59 0.00	50.57 1.93 0.00	52.42 2.26 0.00	47.05 2.16 0.00	43.03 2.25 0.00	43.71 2.33 0.00	42.98 2.06 0.00	40.82 1.67 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.04 1.45 0.00	39.16 1.09 0.00	39.94 1.03 0.00	40.02 1.11 0.00	38.32 1.21 0.00	43.84 1.55 0.00	70.25 2.78 0.00	59.63 2.37 0.00	50.58 2.06 0.00	36.55 1.42 0.00	31.48 1.12 0.00	28.59 0.91 0.00	30.45 0.97 -0.07	31.72 0.96 0.00	31.99 0.95 0.00	39.38 1.21 0.00	41.96 1.49 0.00	50.54 1.90 0.00	52.44 2.27 0.00	47.10 2.21 0.00	42.99 2.21 0.00	43.63 2.25 0.00	42.91 1.99 0.00	40.77 1.62 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.99 1.41 0.00	39.28 1.20 0.00	40.12 1.21 0.00	40.20 1.29 0.00	38.50 1.39 0.00	43.96 1.67 0.00	70.37 2.90 0.00	59.64 2.39 0.00	50.69 2.16 0.00	36.74 1.61 0.00	31.71 1.35 0.00	28.78 1.10 0.00	30.69 1.19 -0.09	31.96 1.20 0.00	32.20 1.17 0.00	39.56 1.39 0.00	42.09 1.62 0.00	50.57 1.93 0.00	52.50 2.34 0.00	47.11 2.22 0.00	43.08 2.30 0.00	43.80 2.41 0.00	43.03 2.10 0.00	40.87 1.72 0.00

E179THST_13_KV_LOAD 356214	51.19 1.61 0.00	39.43 1.36 0.00	40.26 1.36 0.00	40.33 1.43 0.00	38.63 1.52 0.00	44.12 1.83 0.00	70.63 3.16 0.00	59.86 2.60 0.00	50.88 2.36 0.00	36.88 1.75 0.00	31.84 1.48 0.00	28.90 1.22 0.00	30.83 1.33 -0.09	32.10 1.34 0.00	32.33 1.30 0.00	39.74 1.57 0.00	42.27 1.80 0.00	50.79 2.15 0.00	52.74 2.58 0.00	47.31 2.42 0.00	43.27 2.48 0.00	43.98 2.59 0.00	43.20 2.28 0.00	41.04 1.89 0.00
EAST HAMPTON___GT 23717	56.76 3.11 -4.06	61.10 2.03 -20.99	52.19 1.73 -11.55	52.71 1.87 -11.93	49.34 2.20 -10.03	46.86 3.21 -1.36	70.24 4.81 2.04	57.08 3.95 4.12	50.09 3.58 2.02	38.23 2.74 -0.37	42.85 2.12 -10.37	29.45 1.77 0.00	31.21 1.71 -0.09	32.28 1.53 0.00	31.93 1.51 0.61	33.83 1.98 6.32	35.53 2.56 7.50	42.33 3.26 9.57	43.92 3.80 10.04	39.83 3.44 8.50	36.67 3.74 7.85	40.62 3.89 4.65	43.25 3.51 1.18	42.11 2.88 -0.07
EAST RIVER___6 23660	51.16 1.57 0.00	39.35 1.27 0.00	40.13 1.22 0.00	40.22 1.31 0.00	38.53 1.41 0.00	44.05 1.75 0.00	70.38 2.91 0.00	59.74 2.49 0.00	50.80 2.27 0.00	36.87 1.74 0.00	31.83 1.46 0.00	28.95 1.27 0.00	30.85 1.36 -0.09	32.13 1.37 0.00	32.36 1.33 0.00	39.77 1.60 0.00	42.33 1.86 0.00	50.85 2.21 0.00	52.74 2.57 0.00	47.33 2.44 0.00	43.25 2.47 0.00	43.95 2.57 0.00	43.20 2.27 0.00	41.03 1.88 0.00
EAST RIVER___7 23524	51.16 1.57 0.00	39.35 1.27 0.00	40.13 1.22 0.00	40.22 1.31 0.00	38.53 1.41 0.00	44.05 1.75 0.00	70.38 2.91 0.00	59.74 2.49 0.00	50.80 2.27 0.00	36.87 1.74 0.00	31.83 1.46 0.00	28.95 1.27 0.00	30.85 1.36 -0.09	32.13 1.37 0.00	32.36 1.33 0.00	39.77 1.60 0.00	42.33 1.86 0.00	50.85 2.21 0.00	52.74 2.57 0.00	47.33 2.44 0.00	43.25 2.47 0.00	43.95 2.57 0.00	43.20 2.27 0.00	41.03 1.88 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.96 1.37 0.00	39.13 1.06 0.00	39.92 1.02 0.00	40.01 1.10 0.00	38.32 1.20 0.00	43.83 1.54 0.00	70.12 2.65 0.00	59.49 2.24 0.00	50.50 1.97 0.00	36.57 1.44 0.00	31.53 1.17 0.00	28.66 0.97 0.00	30.53 1.04 -0.09	31.79 1.03 0.00	32.03 1.00 0.00	39.38 1.21 0.00	41.95 1.48 0.00	50.47 1.83 0.00	52.32 2.16 0.00	46.96 2.07 0.00	42.94 2.15 0.00	43.62 2.23 0.00	42.89 1.97 0.00	40.72 1.58 0.00
EAST_HAMPTON___DIESEL 23722	56.78 3.13 -4.06	61.10 2.03 -20.99	52.15 1.70 -11.55	52.68 1.84 -11.93	49.33 2.19 -10.03	46.86 3.21 -1.36	70.23 4.80 2.04	57.08 3.95 4.12	50.09 3.59 2.02	38.24 2.74 -0.37	42.85 2.13 -10.37	29.45 1.77 0.00	31.21 1.72 -0.09	32.28 1.53 0.00	31.93 1.51 0.61	33.83 1.98 6.32	35.54 2.58 7.50	42.34 3.26 9.57	43.94 3.82 10.04	39.84 3.45 8.50	36.67 3.74 7.85	40.63 3.90 4.65	43.25 3.51 1.18	42.11 2.89 -0.07
EAST_POINT___SOLAR 323840	50.98 1.39 0.00	39.10 1.03 0.00	39.95 1.04 0.00	39.90 1.00 0.00	38.17 1.05 0.00	43.53 1.24 0.00	69.58 2.11 0.00	58.98 1.72 0.00	49.59 1.07 0.00	35.14 0.02 0.00	29.79 -0.57 0.00	26.99 -0.69 0.00	28.83 -0.53 0.04	30.77 0.01 0.00	31.15 0.12 0.00	38.50 0.33 0.00	41.29 0.82 0.00	49.93 1.29 0.00	51.75 1.59 0.00	46.31 1.42 0.00	41.94 1.16 0.00	42.50 1.12 0.00	42.03 1.11 0.00	40.11 0.97 0.00
EAST_PULASKI___ESR 323781	49.50 -0.08 0.00	37.98 -0.10 0.00	38.78 -0.12 0.00	38.74 -0.16 0.00	36.91 -0.20 0.00	42.03 -0.26 0.00	67.13 -0.34 0.00	56.98 -0.27 0.00	48.20 -0.32 0.00	34.92 -0.20 0.00	30.16 -0.20 0.00	27.35 -0.33 0.00	28.95 -0.45 0.00	30.37 -0.38 0.00	30.70 -0.34 0.00	37.59 -0.58 0.00	39.77 -0.71 0.00	47.83 -0.81 0.00	49.51 -0.65 0.00	44.20 -0.69 0.00	39.99 -0.79 0.00	40.69 -0.69 0.00	40.20 -0.73 0.00	38.51 -0.64 0.00
EAST_RIVER___1 323558	51.12 1.54 0.00	39.30 1.23 0.00	40.11 1.20 0.00	40.19 1.28 0.00	38.50 1.38 0.00	44.01 1.72 0.00	70.34 2.87 0.00	59.69 2.44 0.00	50.72 2.20 0.00	36.80 1.67 0.00	31.76 1.40 0.00	28.89 1.21 0.00	30.78 1.29 -0.09	32.06 1.30 0.00	32.29 1.26 0.00	39.69 1.52 0.00	42.24 1.77 0.00	50.75 2.11 0.00	52.63 2.46 0.00	47.24 2.35 0.00	43.17 2.38 0.00	43.88 2.50 0.00	43.13 2.20 0.00	40.96 1.81 0.00
EAST_RIVER___2 323559	51.16 1.57 0.00	39.35 1.27 0.00	40.13 1.22 0.00	40.22 1.31 0.00	38.53 1.41 0.00	44.05 1.75 0.00	70.38 2.91 0.00	59.74 2.49 0.00	50.80 2.27 0.00	36.87 1.74 0.00	31.83 1.46 0.00	28.95 1.27 0.00	30.85 1.36 -0.09	32.13 1.37 0.00	32.36 1.33 0.00	39.77 1.60 0.00	42.33 1.86 0.00	50.85 2.21 0.00	52.74 2.57 0.00	47.33 2.44 0.00	43.25 2.47 0.00	43.95 2.57 0.00	43.20 2.27 0.00	41.03 1.88 0.00
EAST___DELAWARE_HYD 23607	50.34 0.75 0.00	38.60 0.53 0.00	39.39 0.48 0.00	39.44 0.54 0.00	37.76 0.64 0.00	43.17 0.88 0.00	69.15 1.67 0.00	58.72 1.47 0.00	49.81 1.29 0.00	36.02 0.89 0.00	30.94 0.58 0.00	28.00 0.32 0.00	29.65 0.19 -0.06	30.21 -0.55 0.00	30.49 -0.54 0.00	37.72 -0.45 0.00	40.15 -0.33 0.00	48.48 -0.16 0.00	50.51 0.34 0.00	46.46 1.57 0.00	42.37 1.58 0.00	42.98 1.60 0.00	42.28 1.35 0.00	40.15 1.00 0.00
EIGHT_POINT___WT_PWR 323820	50.31 0.72 0.00	38.48 0.40 0.00	38.72 -0.18 0.00	38.54 -0.37 0.00	36.30 -0.81 0.00	41.28 -1.01 0.00	65.53 -1.94 0.00	55.19 -2.07 0.00	46.44 -2.09 0.00	33.90 -1.22 0.00	29.68 -0.68 0.00	27.27 -0.41 0.00	29.12 -0.28 0.00	30.37 -0.39 0.00	30.49 -0.55 0.00	37.24 -0.93 0.00	39.10 -1.38 0.00	47.01 -1.63 0.00	48.31 -1.86 0.00	42.67 -2.22 0.00	38.05 -2.74 0.00	38.69 -2.69 0.00	38.64 -2.28 0.00	37.24 -1.90 0.00
ELBRIDGE_115KV_TB2 80188	49.06 -0.53 0.00	37.65 -0.42 0.00	38.44 -0.47 0.00	38.39 -0.51 0.00	36.62 -0.49 0.00	41.78 -0.51 0.00	66.67 -0.80 0.00	56.43 -0.83 0.00	47.73 -0.79 0.00	34.60 -0.53 0.00	29.94 -0.42 0.00	27.30 -0.38 0.00	28.99 -0.41 0.00	30.31 -0.44 0.00	30.52 -0.52 0.00	37.42 -0.75 0.00	39.57 -0.90 0.00	47.73 -0.91 0.00	49.32 -0.85 0.00	44.14 -0.75 0.00	40.03 -0.76 0.00	40.63 -0.76 0.00	40.22 -0.70 0.00	38.58 -0.57 0.00
ELEC_TRO_TEK 24086	65.90 1.76 -14.56	83.92 1.30 -44.54	62.97 1.33 -22.73	63.96 1.40 -23.65	58.37 1.60 -19.66	46.89 2.15 -2.45	70.65 3.18 0.00	59.77 2.52 0.00	50.83 2.30 0.00	37.67 1.88 -0.67	50.34 1.43 -18.55	28.87 1.18 0.00	30.68 1.19 -0.09	31.82 1.07 0.00	32.03 0.99 0.00	39.36 1.19 0.00	41.96 1.49 0.00	50.40 1.76 0.00	52.33 2.16 0.00	46.89 2.00 0.00	43.08 2.30 0.00	43.84 2.45 -0.01	43.08 2.15 0.00	42.04 1.75 -1.15
ELLENBURG_WT_PWR 323604	50.17 0.58 0.00	38.53 0.45 0.00	39.34 0.43 0.00	39.34 0.44 0.00	37.55 0.43 0.00	42.83 0.54 0.00	68.17 0.70 0.00	57.80 0.54 0.00	49.10 0.58 0.00	35.73 0.60 0.00	30.97 0.61 0.00	28.32 0.64 0.00	30.09 0.69 0.00	31.45 0.69 0.00	31.73 0.70 0.00	39.17 1.00 0.00	41.43 0.96 0.00	49.44 0.80 0.00	50.86 0.69 0.00	45.29 0.40 0.00	40.81 0.03 0.00	41.49 0.10 0.00	41.25 0.32 0.00	39.44 0.29 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.53 -0.05 0.00	38.11 0.03 0.00	38.68 -0.22 0.00	38.52 -0.39 0.00	36.24 -0.88 0.00	41.14 -1.15 0.00	64.71 -2.76 0.00	54.04 -3.21 0.00	45.55 -2.97 0.00	33.43 -1.70 0.00	29.34 -1.03 0.00	27.22 -0.46 0.00	29.14 -0.26 0.00	30.36 -0.40 0.00	30.78 -0.25 0.00	37.59 -0.58 0.00	39.00 -1.48 0.00	45.93 -2.71 0.00	47.23 -2.93 0.00	42.20 -2.69 0.00	38.22 -2.57 0.00	39.06 -2.33 0.00	39.40 -1.52 0.00	38.37 -0.78 0.00
EMPIRE_CC_1 323656	50.20 0.62 0.00	38.52 0.45 0.00	39.41 0.51 0.00	39.47 0.56 0.00	37.77 0.66 0.00	43.08 0.79 0.00	68.89 1.42 0.00	58.60 1.35 0.00	49.48 0.95 0.00	35.63 0.50 0.00	30.66 0.30 0.00	27.85 0.17 0.00	29.43 0.14 0.12	30.98 0.22 0.00	31.29 0.26 0.00	38.65 0.48 0.00	41.27 0.79 0.00	49.78 1.14 0.00	51.22 1.06 0.00	45.95 1.06 0.00	42.08 1.30 0.00	42.71 1.32 0.00	42.05 1.13 0.00	39.80 0.66 0.00
EMPIRE_CC_2 323658	50.20 0.62 0.00	38.52 0.45 0.00	39.41 0.51 0.00	39.47 0.56 0.00	37.77 0.66 0.00	43.08 0.79 0.00	68.89 1.42 0.00	58.60 1.35 0.00	49.48 0.95 0.00	35.63 0.50 0.00	30.66 0.30 0.00	27.85 0.17 0.00	29.43 0.14 0.12	30.98 0.22 0.00	31.29 0.26 0.00	38.65 0.48 0.00	41.27 0.79 0.00	49.78 1.14 0.00	51.22 1.06 0.00	45.95 1.06 0.00	42.08 1.30 0.00	42.71 1.32 0.00	42.05 1.13 0.00	39.80 0.66 0.00
ENORWICH_115KV_TB1 80156	52.55 2.96 0.00	40.21 2.14 0.00	41.03 2.13 0.00	41.04 2.13 0.00	39.12 2.00 0.00	44.63 2.34 0.00	71.48 4.01 0.00	60.66 3.40 0.00	51.09 2.56 0.00	36.54 1.41 0.00	31.50 1.14 0.00	28.80 1.11 0.00	30.65 1.25 0.00	32.06 1.30 0.00	32.24 1.20 0.00	39.56 1.39 0.00	41.81 1.34 0.00	50.83 2.19 0.00	52.61 2.44 0.00	46.66 1.77 0.00	41.95 1.16 0.00	42.27 0.88 0.00	41.73 0.81 0.00	40.09 0.94 0.00
ERIE_ST__34_KV_TB1-2 80199	49.83 0.24 0.00	38.26 0.18 0.00	38.82 -0.09 0.00	38.67 -0.23 0.00	36.43 -0.68 0.00	41.41 -0.88 0.00	65.19 -2.28 0.00	54.53 -2.73 0.00	45.93 -2.60 0.00	33.69 -1.44 0.00	29.56 -0.80 0.00	27.38 -0.30 0.00	29.30 -0.10 0.00	30.51 -0.25 0.00	30.91 -0.13 0.00	37.73 -0.43 0.00	39.21 -1.26 0.00	46.36 -2.28 0.00	47.72 -2.44 0.00	42.70 -2.19 0.00	38.62 -2.17 0.00	39.47 -1.91 0.00	39.73 -1.19 0.00	38.62 -0.52 0.00
ERIE_WT_PWR 323693	49.79 0.20 0.00	38.26 0.19 0.00	38.80 -0.10 0.00	38.66 -0.25 0.00	36.37 -0.75 0.00	41.27 -1.02 0.00	64.92 -2.55 0.00	54.31 -2.94 0.00	45.75 -2.78 0.00	33.57 -1.55 0.00	29.48 -0.88 0.00	27.32 -0.37 0.00	29.26 -0.14 0.00	30.44 -0.31 0.00	30.84 -0.19 0.00	37.66 -0.50 0.00	39.12 -1.35 0.00	46.18 -2.46 0.00	47.50 -2.67 0.00	41.92 -2.46 0.51	36.80 -2.39 1.60	37.03 -2.16 2.20	36.29 -1.38 3.25	37.05 -0.69 1.41
ESPRGFLD_115KV_TB1 80157	50.43 0.85 0.00	38.68 0.61 0.00	39.52 0.61 0.00	39.48 0.58 0.00	37.66 0.54 0.00	42.98 0.68 0.00	68.59 1.12 0.00	58.06 0.80 0.00	49.22 0.69 0.00	35.63 0.50 0.00	30.80 0.44 0.00	28.07 0.39 0.00	29.98 0.60 0.02	31.38 0.62 0.00	31.58 0.55 0.00	38.72 0.55 0.00	40.93 0.46 0.00	49.22 0.58 0.00	50.74 0.58 0.00	45.34 0.45 0.00	40.99 0.20 0.00	41.52 0.13 0.00	41.11 0.19 0.00	39.39 0.24 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	50.29 0.70 0.00	38.55 0.48 0.00	39.34 0.43 0.00	39.31 0.40 0.00	37.48 0.37 0.00	42.80 0.50 0.00	68.34 0.87 0.00	57.84 0.59 0.00	48.87 0.34 0.00	35.29 0.16 0.00	30.46 0.10 0.00	27.85 0.17 0.00	29.66 0.25 0.00	30.93 0.17 0.00	31.06 0.03 0.00	38.17 0.00 0.00	40.38 -0.09 0.00	48.76 0.12 0.00	50.56 0.40 0.00	45.25 0.36 0.00	40.96 0.18 0.00	41.54 0.15 0.00	41.08 0.16 0.00	39.37 0.23 0.00
ETNA____115KV_TB2 80207	50.29 0.70 0.00	38.55 0.48 0.00	39.34 0.43 0.00	39.31 0.40 0.00	37.48 0.37 0.00	42.80 0.50 0.00	68.34 0.87 0.00	57.84 0.59 0.00	48.87 0.34 0.00	35.29 0.16 0.00	30.46 0.10 0.00	27.85 0.17 0.00	29.66 0.25 0.00	30.93 0.17 0.00	31.06 0.03 0.00	38.17 0.00 0.00	40.38 -0.09 0.00	48.76 0.12 0.00	50.56 0.40 0.00	45.25 0.36 0.00	40.96 0.18 0.00	41.54 0.15 0.00	41.08 0.16 0.00	39.37 0.23 0.00
EUCLID___115KV_TB2 356179	48.82 -0.77 0.00	37.47 -0.61 0.00	38.25 -0.66 0.00	38.25 -0.66 0.00	36.45 -0.66 0.00	41.56 -0.73 0.00	66.27 -1.20 0.00	56.19 -1.06 0.00	47.55 -0.97 0.00	34.44 -0.68 0.00	29.80 -0.57 0.00	27.20 -0.49 0.00	28.86 -0.54 0.00	30.17 -0.59 0.00	30.42 -0.61 0.00	37.29 -0.88 0.00	39.44 -1.04 0.00	47.47 -1.17 0.00	49.04 -1.13 0.00	43.90 -0.99 0.00	39.87 -0.92 0.00	40.46 -0.92 0.00	40.05 -0.88 0.00	38.44 -0.71 0.00
E_CANADA_CAP_HY 24051	50.05 0.47 0.00	38.41 0.34 0.00	39.26 0.35 0.00	39.20 0.30 0.00	37.42 0.30 0.00	42.64 0.35 0.00	68.10 0.62 0.00	57.67 0.41 0.00	48.81 0.29 0.00	35.23 0.10 0.00	30.35 -0.01 0.00	27.58 -0.10 0.00	29.42 0.06 0.04	30.88 0.12 0.00	31.14 0.11 0.00	38.32 0.15 0.00	40.67 0.20 0.00	48.93 0.29 0.00	50.45 0.28 0.00	45.09 0.20 0.00	40.78 -0.01 0.00	41.34 -0.05 0.00	40.98 0.06 0.00	39.22 0.07 0.00
E_CANADA_MHWK_HY 24050	52.51 2.93 0.00	40.22 2.15 0.00	41.10 2.19 0.00	41.14 2.24 0.00	39.37 2.26 0.00	44.98 2.70 0.00	71.98 4.51 0.00	61.33 4.08 0.00	51.58 3.05 0.00	36.50 1.37 0.00	31.01 0.65 0.00	28.13 0.45 0.00	29.69 0.29 0.00	31.43 0.67 0.00	31.93 0.90 0.00	39.56 1.39 0.00	42.63 2.16 0.00	51.63 2.98 0.00	53.23 3.06 0.00	47.68 2.79 0.00	43.48 2.70 0.00	44.24 2.85 0.00	43.68 2.76 0.00	41.46 2.31 0.00
E_FISHKILL___LBMP 23776	50.61 1.03 0.00	38.86 0.79 0.00	39.69 0.78 0.00	39.77 0.86 0.00	38.08 0.97 0.00	43.53 1.24 0.00	69.60 2.12 0.00	59.06 1.81 0.00	50.10 1.58 0.00	36.27 1.14 0.00	31.25 0.89 0.00	28.39 0.72 0.00	30.24 0.75 -0.10	31.51 0.76 0.00	31.76 0.73 0.00	39.09 0.92 0.00	41.68 1.21 0.00	50.14 1.49 0.00	51.90 1.74 0.00	46.59 1.70 0.00	42.64 1.85 0.00	43.31 1.92 0.00	42.60 1.68 0.00	40.44 1.29 0.00
FALCON___SEABRD_CC1 323796	50.64 1.06 0.00	38.84 0.77 0.00	39.64 0.73 0.00	39.66 0.75 0.00	37.97 0.86 0.00	43.37 1.07 0.00	68.67 1.20 0.00	58.17 0.91 0.00	49.31 0.79 0.00	36.03 0.90 0.00	31.25 0.89 0.00	28.61 0.93 0.00	30.39 0.99 0.00	31.78 1.02 0.00	32.05 1.02 0.00	39.68 1.52 0.00	42.02 1.55 0.00	49.76 1.12 0.00	51.01 0.85 0.00	45.33 0.44 0.00	40.73 -0.05 0.00	41.55 0.16 0.00	41.46 0.54 0.00	39.64 0.49 0.00
FALCON___SEABRD_CC2 323797	50.64 1.06 0.00	38.84 0.77 0.00	39.64 0.73 0.00	39.66 0.75 0.00	37.97 0.86 0.00	43.37 1.07 0.00	68.67 1.20 0.00	58.17 0.91 0.00	49.31 0.79 0.00	36.03 0.90 0.00	31.25 0.89 0.00	28.61 0.93 0.00	30.39 0.99 0.00	31.78 1.02 0.00	32.05 1.02 0.00	39.68 1.52 0.00	42.02 1.55 0.00	49.76 1.12 0.00	51.01 0.85 0.00	45.33 0.44 0.00	40.73 -0.05 0.00	41.55 0.16 0.00	41.46 0.54 0.00	39.64 0.49 0.00

FAR ROCKAWAY___4 23548	65.50 2.41 -13.51	81.14 1.73 -41.33	61.79 1.79 -21.09	62.72 1.87 -21.95	57.41 2.05 -18.24	47.27 2.70 -2.27	71.49 4.02 0.00	60.35 3.10 0.00	51.36 2.84 0.00	38.06 2.31 -0.62	49.36 1.79 -17.20	29.21 1.52 0.00	31.04 1.55 -0.09	32.20 1.44 0.00	32.40 1.36 0.00	39.82 1.66 0.00	42.46 1.99 0.00	51.03 2.39 0.00	52.99 2.82 0.00	47.48 2.59 0.00	43.63 2.85 0.00	44.39 2.99 0.00	43.61 2.68 0.00	42.45 2.24 -1.06
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.13 1.54 0.00	39.31 1.23 0.00	40.11 1.20 0.00	40.19 1.28 0.00	38.50 1.38 0.00	44.01 1.71 0.00	70.34 2.87 0.00	59.69 2.44 0.00	50.72 2.20 0.00	36.79 1.67 0.00	31.75 1.39 0.00	28.88 1.20 0.00	30.77 1.27 -0.09	32.04 1.28 0.00	32.28 1.25 0.00	39.68 1.51 0.00	42.23 1.76 0.00	50.74 2.10 0.00	52.62 2.45 0.00	47.22 2.33 0.00	43.18 2.39 0.00	43.87 2.48 0.00	43.14 2.21 0.00	40.95 1.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.13 1.55 0.00	39.31 1.23 0.00	40.11 1.20 0.00	40.20 1.30 0.00	38.50 1.39 0.00	44.02 1.73 0.00	70.35 2.88 0.00	59.71 2.45 0.00	50.72 2.20 0.00	36.79 1.67 0.00	31.75 1.39 0.00	28.88 1.20 0.00	30.77 1.27 -0.09	32.04 1.28 0.00	32.28 1.25 0.00	39.68 1.51 0.00	42.23 1.76 0.00	50.74 2.10 0.00	52.62 2.46 0.00	47.23 2.34 0.00	43.19 2.40 0.00	43.88 2.50 0.00	43.14 2.21 0.00	40.95 1.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.09 1.50 0.00	39.27 1.20 0.00	40.09 1.18 0.00	40.17 1.26 0.00	38.48 1.36 0.00	44.00 1.70 0.00	70.33 2.86 0.00	59.66 2.41 0.00	50.70 2.17 0.00	36.78 1.65 0.00	31.74 1.38 0.00	28.86 1.18 0.00	30.76 1.26 -0.09	32.03 1.27 0.00	32.27 1.23 0.00	39.65 1.48 0.00	42.20 1.73 0.00	50.71 2.07 0.00	52.58 2.42 0.00	47.20 2.31 0.00	43.15 2.36 0.00	43.85 2.46 0.00	43.11 2.18 0.00	40.94 1.80 0.00
FARRAGUT___LBMP 323566	51.07 1.48 0.00	39.26 1.18 0.00	40.07 1.16 0.00	40.15 1.24 0.00	38.46 1.35 0.00	43.97 1.68 0.00	70.28 2.80 0.00	59.63 2.37 0.00	50.67 2.14 0.00	36.75 1.63 0.00	31.71 1.35 0.00	28.84 1.16 0.00	30.73 1.24 -0.09	32.01 1.25 0.00	32.25 1.21 0.00	39.63 1.46 0.00	42.18 1.71 0.00	50.67 2.03 0.00	52.55 2.38 0.00	47.16 2.27 0.00	43.13 2.34 0.00	43.82 2.43 0.00	43.10 2.17 0.00	40.91 1.76 0.00
FENNER___WINDPWR 24204	50.57 0.98 0.00	38.78 0.71 0.00	39.62 0.71 0.00	39.65 0.75 0.00	37.78 0.67 0.00	43.09 0.80 0.00	68.91 1.44 0.00	58.45 1.20 0.00	49.37 0.85 0.00	35.67 0.54 0.00	30.76 0.40 0.00	28.03 0.35 0.00	29.72 0.32 0.00	31.11 0.35 0.00	31.44 0.40 0.00	38.63 0.46 0.00	40.91 0.44 0.00	49.25 0.61 0.00	50.97 0.81 0.00	45.46 0.57 0.00	41.12 0.33 0.00	41.70 0.31 0.00	41.18 0.26 0.00	39.39 0.24 0.00
FIBERTEK___ENERGY 23856	49.29 -0.30 0.00	37.82 -0.25 0.00	38.62 -0.29 0.00	38.60 -0.31 0.00	36.81 -0.30 0.00	41.98 -0.31 0.00	67.00 -0.47 0.00	56.76 -0.50 0.00	48.04 -0.49 0.00	34.78 -0.35 0.00	30.10 -0.26 0.00	27.46 -0.22 0.00	29.14 -0.26 0.00	30.46 -0.30 0.00	30.69 -0.35 0.00	37.61 -0.55 0.00	39.80 -0.68 0.00	48.00 -0.64 0.00	49.60 -0.57 0.00	44.38 -0.51 0.00	40.27 -0.51 0.00	40.87 -0.52 0.00	40.43 -0.49 0.00	38.79 -0.36 0.00
FITZPATRICK___ 23598	48.14 -1.44 0.00	36.96 -1.11 0.00	37.75 -1.16 0.00	37.74 -1.17 0.00	35.99 -1.13 0.00	41.01 -1.28 0.00	65.40 -2.07 0.00	55.46 -1.79 0.00	46.96 -1.57 0.00	34.00 -1.12 0.00	29.41 -0.95 0.00	26.83 -0.85 0.00	28.49 -0.92 0.00	29.78 -0.97 0.00	30.01 -1.02 0.00	36.80 -1.37 0.00	38.95 -1.52 0.00	46.87 -1.77 0.00	48.38 -1.78 0.00	43.31 -1.58 0.00	39.33 -1.45 0.00	39.90 -1.49 0.00	39.50 -1.43 0.00	37.93 -1.22 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.28 1.70 0.00	39.36 1.28 0.00	40.17 1.26 0.00	40.25 1.34 0.00	38.54 1.42 0.00	44.06 1.77 0.00	70.54 3.07 0.00	59.89 2.63 0.00	50.79 2.27 0.00	36.73 1.61 0.00	31.62 1.26 0.00	28.72 1.04 0.00	30.56 1.08 -0.08	31.87 1.11 0.00	32.16 1.12 0.00	39.60 1.44 0.00	42.23 1.76 0.00	50.87 2.22 0.00	52.70 2.53 0.00	47.32 2.43 0.00	43.24 2.45 0.00	43.88 2.50 0.00	43.15 2.22 0.00	40.96 1.81 0.00
FORT ORANGE___ 23900	49.84 0.25 0.00	38.26 0.19 0.00	39.12 0.21 0.00	39.18 0.27 0.00	37.47 0.36 0.00	42.52 0.23 0.00	67.99 0.52 0.00	57.90 0.64 0.00	48.99 0.46 0.00	35.29 0.17 0.00	30.37 0.01 0.00	27.60 -0.08 0.00	29.20 -0.14 0.06	30.67 -0.09 0.00	31.04 0.01 0.00	38.29 0.12 0.00	40.86 0.39 0.00	49.33 0.69 0.00	50.91 0.74 0.00	45.65 0.76 0.00	41.74 0.95 0.00	42.34 0.95 0.00	41.69 0.76 0.00	39.58 0.43 0.00
FORT_DRUM_COGEN 23780	52.07 2.49 0.00	39.83 1.76 0.00	40.73 1.82 0.00	40.63 1.73 0.00	38.65 1.53 0.00	43.89 1.60 0.00	70.35 2.87 0.00	59.80 2.55 0.00	50.45 1.92 0.00	36.60 1.47 0.00	31.50 1.14 0.00	28.29 0.61 0.00	29.77 0.37 0.00	31.48 0.72 0.00	31.95 0.91 0.00	39.13 0.96 0.00	41.56 1.08 0.00	49.61 0.97 0.00	51.61 1.44 0.00	45.74 0.85 0.00	40.93 0.15 0.00	41.76 0.37 0.00	41.17 0.24 0.00	39.20 0.05 0.00
FOX_HILLS___ESR 323835	51.05 1.46 0.00	39.42 1.35 0.00	40.20 1.30 0.00	40.27 1.37 0.00	38.64 1.52 0.00	44.05 1.76 0.00	70.45 2.98 0.00	59.72 2.46 0.00	50.73 2.21 0.00	36.83 1.70 0.00	31.74 1.38 0.00	28.83 1.15 0.00	30.75 1.25 -0.09	32.01 1.25 0.00	32.24 1.21 0.00	39.62 1.45 0.00	42.07 1.60 0.00	50.50 1.86 0.00	52.46 2.30 0.00	47.08 2.19 0.00	43.06 2.28 0.00	43.81 2.42 0.00	43.02 2.10 0.00	40.93 1.79 0.00
FPL_FAR_ROCK_GT1 24212	65.50 2.40 -13.51	81.11 1.71 -41.33	61.78 1.78 -21.09	62.72 1.87 -21.95	57.40 2.05 -18.24	47.27 2.70 -2.27	71.49 4.02 0.00	60.35 3.10 0.00	51.36 2.84 0.00	38.06 2.32 -0.62	49.36 1.79 -17.20	29.21 1.52 0.00	31.04 1.55 -0.09	32.20 1.44 0.00	32.40 1.36 0.00	39.82 1.66 0.00	42.46 1.99 0.00	51.03 2.39 0.00	52.99 2.82 0.00	47.48 2.59 0.00	43.62 2.84 0.00	44.38 2.99 0.00	43.58 2.66 0.00	42.46 2.24 -1.06
FPL_FAR_ROCK_GT2 23815	65.50 2.40 -13.51	81.11 1.71 -41.33	61.78 1.78 -21.09	62.72 1.87 -21.95	57.40 2.05 -18.24	47.27 2.70 -2.27	71.49 4.02 0.00	60.35 3.10 0.00	51.36 2.84 0.00	38.06 2.32 -0.62	49.36 1.79 -17.20	29.21 1.52 0.00	31.04 1.55 -0.09	32.20 1.44 0.00	32.40 1.36 0.00	39.82 1.66 0.00	42.46 1.99 0.00	51.03 2.39 0.00	52.99 2.82 0.00	47.48 2.59 0.00	43.62 2.84 0.00	44.38 2.99 0.00	43.58 2.66 0.00	42.46 2.24 -1.06
FRANKLIN_FALL_HYD 24054	51.07 1.48 0.00	39.22 1.14 0.00	40.02 1.11 0.00	40.01 1.10 0.00	38.15 1.04 0.00	43.56 1.27 0.00	69.47 2.00 0.00	58.95 1.69 0.00	50.17 1.64 0.00	36.53 1.41 0.00	31.67 1.30 0.00	28.91 1.23 0.00	30.69 1.29 0.00	32.00 1.24 0.00	32.25 1.21 0.00	39.82 1.65 0.00	42.14 1.67 0.00	50.32 1.68 0.00	51.79 1.63 0.00	46.20 1.31 0.00	41.65 0.86 0.00	42.28 0.89 0.00	42.00 1.08 0.00	40.12 0.97 0.00



FREPORT_EQUUS_GT1 23764	62.86 2.07 -11.20	73.83 1.49 -34.27	57.92 1.53 -17.49	58.70 1.59 -18.20	54.04 1.80 -15.12	46.53 2.36 -1.88	70.83 3.35 0.00	59.88 2.63 0.00	50.98 2.45 0.00	37.71 2.07 -0.51	46.24 1.58 -14.30	29.01 1.33 0.00	30.80 1.31 -0.09	31.92 1.16 0.00	32.12 1.09 0.00	39.47 1.30 0.00	42.08 1.61 0.00	50.60 1.96 0.00	52.58 2.42 0.00	47.11 2.22 0.00	43.32 2.53 0.00	44.09 2.70 0.00	43.35 2.43 0.00	42.04 2.01 -0.88
FREEPORT___CT2 23818	62.86 2.07 -11.20	73.83 1.49 -34.27	57.92 1.53 -17.49	58.70 1.59 -18.20	54.04 1.80 -15.12	46.53 2.36 -1.88	70.83 3.35 0.00	59.88 2.63 0.00	50.98 2.45 0.00	37.71 2.07 -0.51	46.24 1.58 -14.30	29.01 1.33 0.00	30.80 1.31 -0.09	31.92 1.16 0.00	32.12 1.09 0.00	39.47 1.30 0.00	42.08 1.61 0.00	50.60 1.96 0.00	52.58 2.42 0.00	47.11 2.22 0.00	43.32 2.53 0.00	44.09 2.70 0.00	43.35 2.43 0.00	42.04 2.01 -0.88
FRESHKLS_33_KV_LOAD 356253	51.07 1.48 0.00	39.52 1.45 0.00	40.33 1.42 0.00	40.39 1.49 0.00	38.80 1.69 0.00	44.20 1.91 0.00	70.65 3.18 0.00	59.83 2.58 0.00	50.76 2.24 0.00	36.86 1.74 0.00	31.75 1.38 0.00	28.82 1.14 0.00	30.74 1.25 -0.09	32.00 1.23 0.00	32.25 1.21 0.00	39.63 1.46 0.00	42.05 1.58 0.00	50.49 1.85 0.00	52.45 2.29 0.00	47.07 2.18 0.00	43.05 2.26 0.00	43.78 2.40 0.00	42.99 2.07 0.00	40.94 1.79 0.00
FULTON COGEN____ 23766	48.65 -0.94 0.00	37.34 -0.73 0.00	38.12 -0.79 0.00	38.12 -0.78 0.00	36.33 -0.78 0.00	41.43 -0.86 0.00	66.05 -1.42 0.00	56.03 -1.22 0.00	47.45 -1.08 0.00	34.35 -0.78 0.00	29.71 -0.65 0.00	27.06 -0.62 0.00	28.73 -0.68 0.00	30.04 -0.71 0.00	30.29 -0.75 0.00	37.09 -1.08 0.00	39.25 -1.22 0.00	47.31 -1.34 0.00	48.91 -1.26 0.00	43.77 -1.12 0.00	39.75 -1.03 0.00	40.33 -1.05 0.00	39.90 -1.03 0.00	38.30 -0.85 0.00
FULTON___LFGFE 323630	50.87 1.29 0.00	39.03 0.96 0.00	39.88 0.97 0.00	39.84 0.94 0.00	38.07 0.96 0.00	43.40 1.11 0.00	69.36 1.89 0.00	58.88 1.63 0.00	49.74 1.22 0.00	35.67 0.54 0.00	30.56 0.19 0.00	27.69 0.01 0.00	29.41 0.05 0.04	30.97 0.21 0.00	31.31 0.28 0.00	38.71 0.55 0.00	41.36 0.89 0.00	49.98 1.34 0.00	51.60 1.44 0.00	46.19 1.29 0.00	41.89 1.11 0.00	42.47 1.08 0.00	41.97 1.05 0.00	40.05 0.90 0.00
G.F.CEMENT___DRP 24184	51.64 2.05 0.00	39.55 1.48 0.00	40.52 1.62 0.00	40.53 1.62 0.00	38.76 1.65 0.00	44.21 1.92 0.00	70.72 3.25 0.00	60.18 2.92 0.00	50.67 2.14 0.00	36.22 1.10 0.00	30.91 0.55 0.00	28.02 0.34 0.00	29.62 0.29 0.07	31.25 0.49 0.00	31.73 0.69 0.00	39.39 1.22 0.00	42.33 1.86 0.00	51.30 2.66 0.00	52.75 2.59 0.00	47.23 2.34 0.00	43.21 2.42 0.00	43.76 2.38 0.00	43.05 2.13 0.00	40.82 1.67 0.00
GARDENVILLE___LBMP 24039	49.72 0.13 0.00	38.21 0.13 0.00	38.71 -0.19 0.00	38.56 -0.35 0.00	36.28 -0.84 0.00	41.16 -1.13 0.00	64.73 -2.74 0.00	54.15 -3.11 0.00	45.65 -2.88 0.00	33.50 -1.63 0.00	29.40 -0.96 0.00	27.23 -0.45 0.00	29.15 -0.26 0.00	30.35 -0.41 0.00	30.73 -0.30 0.00	37.51 -0.66 0.00	38.99 -1.48 0.00	46.08 -2.57 0.00	47.40 -2.77 0.00	42.30 -2.59 0.00	38.21 -2.58 0.00	39.04 -2.34 0.00	39.35 -1.58 0.00	38.29 -0.86 0.00
GARDNVLA_35_KV_LD 355827	49.93 0.34 0.00	38.37 0.29 0.00	38.90 -0.01 0.00	38.74 -0.16 0.00	36.45 -0.66 0.00	41.38 -0.92 0.00																		

GILBOA____ 23599	50.11 0.52 0.00	38.47 0.40 0.00	39.44 0.53 0.00	39.49 0.58 0.00	37.74 0.62 0.00	42.92 0.63 0.00	68.45 0.98 0.00	58.11 0.86 0.00	49.30 0.77 0.00	35.62 0.50 0.00	30.72 0.35 0.00	27.95 0.28 0.00	29.70 0.28 -0.02	31.06 0.31 0.00	31.34 0.31 0.00	38.56 0.40 0.00	41.04 0.56 0.00	49.37 0.73 0.00	50.81 0.65 0.00	45.63 0.74 0.00	41.73 0.94 0.00	42.36 0.97 0.00	41.76 0.84 0.00	39.77 0.62 0.00
GINNA____ 23603	47.26 -2.33 0.00	36.29 -1.78 0.00	36.99 -1.92 0.00	36.90 -2.01 0.00	35.04 -2.08 0.00	39.87 -2.42 0.00	63.41 -4.06 0.00	53.65 -3.60 0.00	45.30 -3.22 0.00	32.96 -2.17 0.00	28.62 -1.75 0.00	26.23 -1.45 0.00	27.92 -1.49 0.00	29.15 -1.61 0.00	29.34 -1.69 0.00	35.97 -2.20 0.00	37.92 -2.55 0.00	45.50 -3.14 0.00	46.98 -3.18 0.00	41.88 -2.88 0.14	37.70 -2.66 0.43	38.11 -2.68 0.59	37.64 -2.41 0.87	36.72 -2.05 0.38
GLEN PARK____ 23778	52.27 2.68 0.00	39.97 1.90 0.00	40.87 1.96 0.00	40.78 1.87 0.00	38.78 1.66 0.00	44.05 1.75 0.00	70.62 3.15 0.00	60.03 2.78 0.00	50.64 2.11 0.00	36.72 1.60 0.00	31.61 1.25 0.00	28.32 0.64 0.00	29.78 0.38 0.00	31.53 0.78 0.00	32.02 0.98 0.00	39.20 1.03 0.00	41.66 1.19 0.00	49.70 1.06 0.00	51.87 1.70 0.00	46.00 1.11 0.00	41.18 0.39 0.00	41.99 0.61 0.00	41.38 0.46 0.00	39.41 0.26 0.00
GLENDALE_27_KV_LOAD 356172	51.19 1.60 0.00	39.41 1.34 0.00	40.24 1.33 0.00	40.32 1.41 0.00	38.63 1.52 0.00	44.10 1.81 0.00	70.49 3.02 0.00	59.81 2.55 0.00	50.85 2.33 0.00	36.93 1.80 0.00	31.89 1.53 0.00	28.99 1.31 0.00	30.90 1.41 -0.09	32.18 1.42 0.00	32.42 1.38 0.00	39.82 1.66 0.00	42.35 1.88 0.00	50.82 2.18 0.00	52.74 2.57 0.00	47.31 2.42 0.00	43.29 2.50 0.00	44.00 2.61 0.00	43.23 2.31 0.00	41.07 1.92 0.00
GLENWOOD_IC_1_G5 23712	65.65 1.84 -14.23	82.98 1.39 -43.52	62.50 1.39 -22.21	63.48 1.46 -23.11	57.93 1.61 -19.20	46.76 2.08 -2.39	70.75 3.28 0.00	59.92 2.67 0.00	50.90 2.38 0.00	37.65 1.87 -0.65	49.98 1.49 -18.13	28.93 1.25 0.00	30.77 1.28 -0.09	31.99 1.23 0.00	32.20 1.16 0.00	39.58 1.41 0.00	42.18 1.70 0.00	50.69 2.05 0.00	52.62 2.45 0.00	47.15 2.26 0.00	43.24 2.45 0.00	43.96 2.57 -0.01	43.22 2.30 0.00	42.15 1.88 -1.12
GLENWOOD_IC_2_G1 23688	51.79 1.60 -0.60	41.14 1.23 -1.84	41.07 1.22 -0.94	41.17 1.29 -0.98	39.35 1.42 -0.81	44.23 1.84 -0.10	70.40 2.93 0.00	59.68 2.43 0.00	50.70 2.17 0.00	36.82 1.67 -0.03	32.46 1.33 -0.77	28.80 1.12 0.00	30.65 1.15 -0.09	31.87 1.11 0.00	32.08 1.05 0.00	39.45 1.29 0.00	42.04 1.57 0.00	50.53 1.89 0.00	52.41 2.25 0.00	47.01 2.11 0.00	43.05 2.26 0.00	43.77 2.39 0.00	43.03 2.11 0.00	40.91 1.72 -0.05
GLENWOOD_IC_3_G1 23689	51.79 1.60 -0.60	41.14 1.23 -1.84	41.07 1.22 -0.94	41.17 1.29 -0.98	39.35 1.42 -0.81	44.23 1.84 -0.10	70.40 2.93 0.00	59.68 2.43 0.00	50.70 2.17 0.00	36.82 1.67 -0.03	32.46 1.33 -0.77	28.80 1.12 0.00	30.65 1.15 -0.09	31.87 1.11 0.00	32.08 1.05 0.00	39.45 1.29 0.00	42.04 1.57 0.00	50.53 1.89 0.00	52.41 2.25 0.00	47.01 2.11 0.00	43.05 2.26 0.00	43.77 2.39 0.00	43.03 2.11 0.00	40.91 1.72 -0.05
GLENWOOD____4 23550	65.65 1.84 -14.23	82.98 1.39 -43.52	62.50 1.39 -22.21	63.48 1.46 -23.11	57.93 1.61 -19.20	46.76 2.08 -2.39	70.75 3.28 0.00	59.92 2.67 0.00	50.90 2.38 0.00	37.65 1.87 -0.65	49.98 1.49 -18.13	28.93 1.25 0.00	30.77 1.28 -0.09	31.99 1.23 0.00	32.20 1.16 0.00	39.58 1.41 0.00	42.18 1.70 0.00	50.69 2.05 0.00	52.62 2.45 0.00	47.15 2.26 0.00	43.24 2.45 0.00	43.96 2.57 -0.01	43.22 2.30 0.00	42.15 1.88 -1.12
GLENWOOD____5 23614	65.65 1.84 -14.23	82.98 1.39 -43.52	62.50 1.39 -22.21	63.48 1.46 -23.11	57.93 1.61 -19.20	46.76 2.08 -2.39	70.75 3.28 0.00	59.92 2.67 0.00	50.90 2.38 0.00	37.65 1.87 -0.65	49.98 1.49 -18.13	28.93 1.25 0.00	30.77 1.28 -0.09	31.99 1.23 0.00	32.20 1.16 0.00	39.58 1.41 0.00	42.18 1.70 0.00	50.69 2.05 0.00	52.62 2.45 0.00	47.15 2.26 0.00	43.24 2.45 0.00	43.96 2.57 -0.01	43.22 2.30 0.00	42.15 1.88 -1.12
GLOBAL GREEN_PORT_GT1 23814	56.62 2.97 -4.06	61.04 1.97 -20.99	52.22 1.76 -11.55	52.72 1.88 -11.93	49.33 2.19 -10.03	46.82 3.17 -1.36	70.14 4.70 2.04	56.98 3.85 4.12	49.99 3.48 2.02	38.16 2.66 -0.37	42.78 2.05 -10.37	29.38 1.70 0.00	31.13 1.64 -0.09	32.20 1.44 0.00	31.85 1.43 0.61	33.72 1.86 6.31	35.41 2.44 7.50	42.18 3.10 9.56	43.77 3.64 10.03	39.68 3.29 8.50	36.52 3.59 7.85	40.49 3.76 4.65	43.14 3.40 1.18	42.00 2.78 -0.08
GLOBE____DSASP 323697	48.93 -0.66 0.00	37.69 -0.38 0.00	38.31 -0.60 0.00	38.11 -0.80 0.00	35.85 -1.26 0.00	40.62 -1.68 0.00	63.82 -3.65 0.00	53.23 -4.03 0.00	44.81 -3.71 0.00	32.96 -2.16 0.00	28.92 -1.44 0.00	26.88 -0.80 0.00	28.79 -0.61 0.00	29.97 -0.79 0.00	30.41 -0.62 0.00	37.12 -1.05 0.00	38.35 -2.12 0.00	44.70 -3.94 0.00	45.91 -4.26 0.00	41.13 -3.76 0.00	37.40 -3.39 0.00	38.37 -3.02 0.00	39.01 -1.92 0.00	38.08 -1.07 0.00
GOETHSLN____LBMP 323567	50.82 1.23 0.00	39.07 0.99 0.00	39.87 0.96 0.00	39.95 1.05 0.00	38.27 1.15 0.00	43.75 1.46 0.00	69.98 2.51 0.00	59.38 2.13 0.00	50.48 1.95 0.00	36.60 1.48 0.00	31.59 1.23 0.00	28.72 1.04 0.00	30.62 1.13 -0.09	31.89 1.13 0.00	32.12 1.09 0.00	39.46 1.29 0.00	42.01 1.54 0.00	50.49 1.84 0.00	52.39 2.22 0.00	47.01 2.12 0.00	42.97 2.19 0.00	43.66 2.27 0.00	42.92 2.00 0.00	40.76 1.61 0.00
GOLAH____69_KV_TB 1_2 80279	50.19 0.60 0.00	38.61 0.54 0.00	39.27 0.36 0.00	39.17 0.26 0.00	37.09 -0.02 0.00	42.31 0.01 0.00	66.91 -0.56 0.00	56.19 -1.06 0.00	47.42 -1.11 0.00	34.54 -0.58 0.00	30.03 -0.33 0.00	27.54 -0.14 0.00	29.35 -0.05 0.00	30.61 -0.15 0.00	30.93 -0.11 0.00	37.81 -0.35 0.00	39.66 -0.81 0.00	47.50 -1.15 0.00	49.18 -0.98 0.00	44.02 -0.87 0.00	39.90 -0.88 0.00	40.58 -0.81 0.00	40.53 -0.39 0.00	39.17 0.03 0.00
GOODYEAR_LAKE_HYD 323669	50.83 1.25 0.00	38.98 0.91 0.00	39.83 0.93 0.00	39.84 0.93 0.00	38.02 0.91 0.00	43.41 1.12 0.00	69.31 1.84 0.00	58.73 1.47 0.00	49.78 1.25 0.00	35.96 0.83 0.00	31.03 0.67 0.00	28.30 0.62 0.00	30.17 0.77 0.00	31.59 0.83 0.00	31.83 0.80 0.00	39.04 0.87 0.00	41.36 0.89 0.00	49.81 1.17 0.00	51.37 1.21 0.00	45.98 1.09 0.00	41.71 0.93 0.00	42.28 0.89 0.00	41.76 0.84 0.00	39.91 0.76 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	49.98 0.39 0.00	38.29 0.21 0.00	39.06 0.15 0.00	39.08 0.18 0.00	37.22 0.11 0.00	42.58 0.29 0.00	67.88 0.41 0.00	57.31 0.06 0.00	48.44 -0.09 0.00	35.07 -0.06 0.00	30.44 0.08 0.00	27.85 0.17 0.00	29.63 0.23 0.00	30.99 0.23 0.00	31.21 0.17 0.00	38.24 0.07 0.00	40.40 -0.07 0.00	48.59 -0.05 0.00	50.11 -0.06 0.00	44.86 -0.02 0.00	40.61 -0.17 0.00	41.23 -0.15 0.00	40.83 -0.09 0.00	39.14 -0.01 0.00

GOUDEY___7 23579	49.98 0.39 0.00	38.29 0.21 0.00	39.06 0.15 0.00	39.08 0.18 0.00	37.22 0.11 0.00	42.58 0.29 0.00	67.88 0.41 0.00	57.31 0.06 0.00	48.44 -0.09 0.00	35.07 -0.06 0.00	30.44 0.08 0.00	27.85 0.17 0.00	29.63 0.23 0.00	30.99 0.23 0.00	31.21 0.17 0.00	38.24 0.07 0.00	40.40 -0.07 0.00	48.59 -0.05 0.00	50.11 -0.06 0.00	44.86 -0.02 0.00	40.61 -0.17 0.00	41.23 -0.15 0.00	40.83 -0.09 0.00	39.14 -0.01 0.00
GOUDEY___8 23580	49.98 0.39 0.00	38.29 0.21 0.00	39.06 0.15 0.00	39.08 0.18 0.00	37.22 0.11 0.00	42.58 0.29 0.00	67.88 0.41 0.00	57.31 0.06 0.00	48.44 -0.09 0.00	35.07 -0.06 0.00	30.44 0.08 0.00	27.85 0.17 0.00	29.63 0.23 0.00	30.99 0.23 0.00	31.21 0.17 0.00	38.24 0.07 0.00	40.40 -0.07 0.00	48.59 -0.05 0.00	50.11 -0.06 0.00	44.86 -0.02 0.00	40.61 -0.17 0.00	41.23 -0.15 0.00	40.83 -0.09 0.00	39.14 -0.01 0.00
GOWANUS_GT1_1 24077	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.77 2.51 0.00	50.80 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.19 2.40 0.00	43.93 2.54 0.00	43.16 2.23 0.00	41.04 1.89 0.00
GOWANUS_GT1_2 24078	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.77 2.51 0.00	50.80 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.19 2.40 0.00	43.93 2.54 0.00	43.16 2.23 0.00	41.04 1.89 0.00
GOWANUS_GT1_3 24079	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.77 2.51 0.00	50.80 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.19 2.40 0.00	43.93 2.54 0.00	43.16 2.23 0.00	41.04 1.89 0.00
GOWANUS_GT1_4 24080	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.77 2.51 0.00	50.80 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.19 2.40 0.00	43.93 2.54 0.00	43.16 2.23 0.00	41.04 1.89 0.00
GOWANUS_GT1_5 24084	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.77 2.51 0.00	50.80 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.19 2.40 0.00	43.93 2.54 0.00	43.16 2.23 0.00	41.04 1.89 0.00
GOWANUS_GT1_6 24111	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.77 2.51 0.00	50.80 2.28 0.00															

GOWANUS_GT2_6 24119	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.74 2.49 0.00	50.81 2.28 0.00	36.88 1.75 0.00	31.81 1.44 0.00	28.90 1.22 0.00	30.82 1.32 -0.09	32.08 1.33 0.00	32.32 1.29 0.00	39.71 1.55 0.00	42.20 1.73 0.00	50.64 2.00 0.00	52.60 2.44 0.00	47.20 2.31 0.00	43.16 2.37 0.00	43.91 2.52 0.00	43.12 2.19 0.00	41.02 1.87 0.00
GOWANUS_GT2_7 24120	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.74 2.49 0.00	50.81 2.28 0.00	36.88 1.75 0.00	31.81 1.44 0.00	28.90 1.22 0.00	30.82 1.32 -0.09	32.08 1.33 0.00	32.32 1.29 0.00	39.71 1.55 0.00	42.20 1.73 0.00	50.64 2.00 0.00	52.60 2.44 0.00	47.20 2.31 0.00	43.16 2.37 0.00	43.91 2.52 0.00	43.12 2.19 0.00	41.02 1.87 0.00
GOWANUS_GT2_8 24121	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.74 2.49 0.00	50.81 2.28 0.00	36.88 1.75 0.00	31.81 1.44 0.00	28.90 1.22 0.00	30.82 1.32 -0.09	32.08 1.33 0.00	32.32 1.29 0.00	39.71 1.55 0.00	42.20 1.73 0.00	50.64 2.00 0.00	52.60 2.44 0.00	47.20 2.31 0.00	43.16 2.37 0.00	43.91 2.52 0.00	43.12 2.19 0.00	41.02 1.87 0.00
GOWANUS_GT3_1 24122	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
GOWANUS_GT3_2 24123	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
GOWANUS_GT3_3 24124	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
GOWANUS_GT3_4 24125	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
GOWANUS_GT3_5 24126	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.														

GOWANUS_GT4_5 24134	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.80 2.28 0.00	36.88 1.75 0.00	31.81 1.45 0.00	28.90 1.22 0.00	30.82 1.32 -0.09	32.08 1.33 0.00	32.32 1.29 0.00	39.71 1.54 0.00	42.20 1.73 0.00	50.64 2.00 0.00	52.60 2.44 0.00	47.20 2.31 0.00	43.18 2.39 0.00	43.92 2.54 0.00	43.15 2.22 0.00	41.02 1.87 0.00
GOWANUS_GT4_6 24135	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.80 2.28 0.00	36.88 1.75 0.00	31.81 1.45 0.00	28.90 1.22 0.00	30.82 1.32 -0.09	32.08 1.33 0.00	32.32 1.29 0.00	39.71 1.54 0.00	42.20 1.73 0.00	50.64 2.00 0.00	52.60 2.44 0.00	47.20 2.31 0.00	43.18 2.39 0.00	43.92 2.54 0.00	43.15 2.22 0.00	41.02 1.87 0.00
GOWANUS_GT4_7 24136	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.80 2.28 0.00	36.88 1.75 0.00	31.81 1.45 0.00	28.90 1.22 0.00	30.82 1.32 -0.09	32.08 1.33 0.00	32.32 1.29 0.00	39.71 1.54 0.00	42.20 1.73 0.00	50.64 2.00 0.00	52.60 2.44 0.00	47.20 2.31 0.00	43.18 2.39 0.00	43.92 2.54 0.00	43.15 2.22 0.00	41.02 1.87 0.00
GOWANUS_GT4_8 24137	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.80 2.28 0.00	36.88 1.75 0.00	31.81 1.45 0.00	28.90 1.22 0.00	30.82 1.32 -0.09	32.08 1.33 0.00	32.32 1.29 0.00	39.71 1.54 0.00	42.20 1.73 0.00	50.64 2.00 0.00	52.60 2.44 0.00	47.20 2.31 0.00	43.18 2.39 0.00	43.92 2.54 0.00	43.15 2.22 0.00	41.02 1.87 0.00
GREATVR_69_KV_BK1 356245	57.30 2.24 -5.47	62.73 1.55 -23.10	52.87 1.55 -12.41	53.34 1.58 -12.85	49.75 1.88 -10.76	46.51 2.79 -1.42	69.82 3.86 1.51	57.19 3.00 3.06	49.72 2.70 1.50	37.79 2.28 -0.39	42.94 1.74 -10.84	29.14 1.46 0.00	30.93 1.43 -0.09	31.95 1.19 0.00	31.63 1.05 0.46	34.69 1.21 4.69	36.53 1.63 5.58	43.60 2.03 7.07	45.27 2.52 7.41	40.89 2.28 6.28	37.66 2.68 5.80	40.86 2.91 3.44	42.61 2.56 0.87	41.49 2.09 -0.25
GREENBSH_115KV_TB3 55895	49.54 -0.05 0.00	38.04 -0.03 0.00	38.91 0.00 0.00	38.96 0.05 0.00	37.29 0.17 0.00	42.47 0.18 0.00	67.90 0.43 0.00	57.82 0.56 0.00	48.92 0.39 0.00	35.26 0.13 0.00	30.36 0.00 0.00	27.58 -0.10 0.00	29.19 -0.15 0.06	30.67 -0.09 0.00	30.99 -0.04 0.00	38.18 0.01 0.00	40.71 0.23 0.00	49.10 0.45 0.00	50.59 0.43 0.00	45.37 0.47 0.00	41.49 0.71 0.00	42.10 0.72 0.00	41.46 0.54 0.00	39.38 0.23 0.00
GREENDGE_115KV_TB5 80291	49.72 0.13 0.00	38.31 0.23 0.00	39.01 0.10 0.00	38.97 0.06 0.00	36.98 -0.13 0.00	42.10 -0.19 0.00	66.77 -0.71 0.00	56.41 -0.84 0.00	47.64 -0.89 0.00	34.78 -0.35 0.00	30.23 -0.13 0.00	27.73 0.05 0.00	29.42 0.02 0.00	30.68 -0.07 0.00	30.85 -0.19 0.00	37.73 -0.44 0.00	39.65 -0.82 0.00	47.69 -0.95 0.00	49.38 -0.78 0.00	44.14 -0.75 0.00	39.80 -0.98 0.00	40.49 -0.90 0.00	40.18 -0.74 0.00	38.71 -0.44 0.00
GREENIDGE___3 23582	49.72 0.13 0.00	38.31 0.23 0.00	39.01 0.10 0.00	38.97 0.06 0.00	36.98 -0.13 0.00	42.10 -0.19 0.00	66.77 -0.71 0.00	56.41 -0.84 0.00	47.64 -0.89 0.00	34.78 -0.35 0.00	30.23 -0.13 0.00	27.73 0.05 0.00	29.42 0.02 0.00	30.68 -0.07 0.00	30.85 -0.19 0.00	37.73 -0.44 0.00	39.65 -0.82 0.00	47.69 -0.95 0.00	49.38 -0.78 0.00	44.14 -0.75 0.00	39.80 -0.98 0.00	40.49 -0.90 0.00	40.18 -0.74 0.00	38.71 -0.44 0.00
GREENIDGE___4 23583	49.72 0.14 0.00	38.31 0.23 0.00	39.00 0.09 0.00	38.97 0.06 0.00	36.98 -0.13 0.00	42.10 -0.19 0.00	66.77 -0.71 0.00	56.41 -0.84 0.00	47.64 -0.89 0.00	34.78 -0.35 0.00	30.22 -0.14 0.00	27.73 0.05 0.00	29.42 0.02 0.00	30.68 -0.07 0.00	30.84 -0.19 0.00	37.72 -0.44 0.00	39.65 -0.82 0.00	47.69 -0.95 0.00	49.38 -0.78 0.00	44.33 -0.75 -0.19	40.41 -0.97 -0.60	41.32 -0.89 -0.82	41.42 -0.72 -1.21	39.24 -0.44 -0.53
GREENLWN_69_KV_BK 3 55738	62.64 1.17 -11.88	67.79 0.90 -28.82	53.80 0.92 -13.97	54.48 0.97 -14.61	50.41 1.25 -12.04	45.67 1.98 -1.40	71.87 2.60 -1.79	62.89 2.02 -3.62	52.14 1.84 -1.77	37.13 1.62 -0.39	42.26 1.21 -10.69	28.70 1.02 0.00	30.44 0.95 -0.09	31.41 0.65 0.00	32.11 0.54 -0.54	44.37 0.65 -5.54	48.03 0.97 -6.59	58.15 1.16 -8.34	60.46 1.55 -8.75	53.73 1.43 -7.41	49.50 1.87 -6.85	47.49 2.05 -4.06	43.70 1.74 -1.03	41.64 1.34 -1.15
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.77 2.51 0.00	50.80 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.19 2.40 0.00	43.93 2.54 0.00	43.16 2.23 0.00	41.04 1.89 0.00
GRISSOM___SOLAR 323813	50.99 1.41 0.00	39.11 1.04 0.00	39.98 1.07 0.00	39.94 1.04 0.00	38.16 1.05 0.00	43.52 1.23 0.00	69.54 2.07 0.00	59.07 1.81 0.00	49.90 1.38 0.00	35.77 0.65 0.00	30.66 0.30 0.00	27.75 0.07 0.00	29.46 0.10 0.04	31.00 0.24 0.00	31.36 0.33 0.00	38.81 0.64 0.00	41.46 0.99 0.00	50.14 1.50 0.00	51.75 1.59 0.00	46.34 1.45 0.00	42.08 1.30 0.00	42.67 1.28 0.00	42.16 1.24 0.00	40.18 1.03 0.00
GROVEVILLE___HYD 323602	51.28 1.70 0.00	39.36 1.28 0.00	40.17 1.26 0.00	40.25 1.34 0.00	38.54 1.42 0.00	44.06 1.77 0.00	70.54 3.07 0.00	59.89 2.63 0.00	50.79 2.27 0.00	36.73 1.61 0.00	31.62 1.26 0.00	28.72 1.04 0.00	30.56 1.08 -0.08	31.87 1.11 0.00	32.16 1.12 0.00	39.60 1.44 0.00	42.23 1.76 0.00	50.87 2.22 0.00	52.70 2.53 0.00	47.32 2.43 0.00	43.24 2.45 0.00	43.88 2.50 0.00	43.15 2.22 0.00	40.96 1.81 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	49.29 -0.30 0.00	37.82 -0.25 0.00	38.62 -0.29 0.00	38.60 -0.31 0.00	36.81 -0.30 0.00	41.98 -0.31 0.00	67.00 -0.47 0.00	56.76 -0.50 0.00	48.04 -0.49 0.00	34.78 -0.35 0.00	30.10 -0.26 0.00	27.46 -0.22 0.00	29.14 -0.26 0.00	30.46 -0.30 0.00	30.69 -0.35 0.00	37.61 -0.55 0.00	39.80 -0.68 0.00	48.00 -0.64 0.00	49.60 -0.57 0.00	44.38 -0.51 0.00	40.27 -0.51 0.00	40.87 -0.52 0.00	40.43 -0.49 0.00	38.79 -0.36 0.00
HAMLTNNY_34_KV_TB 80303	49.43 -0.15 0.00	37.93 -0.15 0.00	38.71 -0.20 0.00	38.66 -0.24 0.00	36.87 -0.24 0.00	42.06 -0.23 0.00	67.10 -0.37 0.00	56.79 -0.46 0.00	48.02 -0.50 0.00	34.80 -0.32 0.00	30.14 -0.23 0.00	27.50 -0.18 0.00	29.17 -0.23 0.00	30.50 -0.26 0.00	30.68 -0.36 0.00	37.62 -0.55 0.00	39.74 -0.73 0.00	48.02 -0.62 0.00	49.69 -0.48 0.00	44.46 -0.43 0.00	40.30 -0.49 0.00	40.90 -0.48 0.00	40.51 -0.41 0.00	38.86 -0.29 0.00

HAMPSHIRE___PAPER_HYD 323593	51.54 1.95 0.00	39.53 1.45 0.00	40.37 1.47 0.00	40.33 1.42 0.00	38.39 1.27 0.00	43.66 1.37 0.00	69.84 2.37 0.00	59.32 2.07 0.00	50.23 1.71 0.00	36.47 1.34 0.00	31.48 1.12 0.00	28.54 0.86 0.00	30.11 0.71 0.00	31.57 0.82 0.00	31.98 0.94 0.00	39.38 1.21 0.00	41.63 1.16 0.00	49.79 1.15 0.00	51.37 1.20 0.00	45.78 0.89 0.00	41.16 0.37 0.00	41.98 0.60 0.00	41.50 0.57 0.00	39.58 0.43 0.00
HARDSCRABBLE_WT_PWR 323673	51.95 2.36 0.00	39.81 1.73 0.00	40.68 1.77 0.00	40.72 1.81 0.00	38.93 1.82 0.00	44.47 2.18 0.00	71.11 3.64 0.00	60.53 3.28 0.00	50.97 2.45 0.00	36.24 1.12 0.00	30.91 0.55 0.00	28.06 0.37 0.00	29.66 0.26 0.00	31.32 0.57 0.00	31.78 0.74 0.00	39.33 1.16 0.00	42.21 1.74 0.00	50.98 2.34 0.00	52.45 2.29 0.00	46.95 2.06 0.00	42.75 1.96 0.00	43.52 2.13 0.00	43.06 2.14 0.00	40.93 1.78 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.17 1.58 0.00	39.24 1.17 0.00	40.01 1.10 0.00	40.09 1.18 0.00	38.39 1.28 0.00	43.97 1.68 0.00	70.50 3.02 0.00	59.83 2.58 0.00	50.74 2.21 0.00	36.64 1.52 0.00	31.55 1.19 0.00	28.68 0.99 0.00	30.58 1.10 -0.08	31.88 1.12 0.00	32.15 1.12 0.00	39.53 1.36 0.00	42.08 1.61 0.00	50.71 2.07 0.00	52.63 2.46 0.00	47.24 2.35 0.00	43.11 2.32 0.00	43.75 2.36 0.00	43.02 2.09 0.00	40.84 1.70 0.00
HARSNRAD_115KV_TB1 81005	49.41 -0.17 0.00	38.06 -0.01 0.00	38.63 -0.28 0.00	38.44 -0.47 0.00	36.20 -0.92 0.00	40.99 -1.30 0.00	64.31 -3.16 0.00	53.67 -3.58 0.00	45.25 -3.28 0.00	33.22 -1.90 0.00	29.12 -1.24 0.00	27.01 -0.67 0.00	28.90 -0.50 0.00	30.08 -0.68 0.00	30.49 -0.54 0.00	37.17 -0.99 0.00	38.53 -1.94 0.00	45.31 -3.33 0.00	46.72 -3.44 0.00	41.80 -3.09 0.00	37.90 -2.88 0.00	38.76 -2.63 0.00	39.20 -1.73 0.00	38.27 -0.88 0.00
HARZA MOOSE___RIVER 24016	51.31 1.73 0.00	39.34 1.27 0.00	40.19 1.28 0.00	40.19 1.28 0.00	38.28 1.17 0.00	43.57 1.27 0.00	69.76 2.28 0.00	59.23 1.98 0.00	50.04 1.52 0.00	36.25 1.12 0.00	31.21 0.85 0.00	28.26 0.58 0.00	29.85 0.45 0.00	31.34 0.58 0.00	31.76 0.73 0.00	39.06 0.89 0.00	41.41 0.94 0.00	49.75 1.11 0.00	51.46 1.29 0.00	45.69 0.80 0.00	41.02 0.24 0.00	41.77 0.38 0.00	41.20 0.28 0.00	39.29 0.14 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	48.96 -0.63 0.00	37.56 -0.51 0.00	38.35 -0.56 0.00	38.35 -0.55 0.00	36.56 -0.56 0.00	41.69 -0.60 0.00	66.52 -0.95 0.00	56.38 -0.88 0.00	47.71 -0.82 0.00	34.54 -0.58 0.00	29.89 -0.47 0.00	27.29 -0.39 0.00	28.96 -0.44 0.00	30.26 -0.50 0.00	30.51 -0.52 0.00	37.39 -0.78 0.00	39.52 -0.95 0.00	47.62 -1.02 0.00	49.20 -0.97 0.00	44.03 -0.86 0.00	39.98 -0.81 0.00	40.59 -0.79 0.00	40.16 -0.76 0.00	38.56 -0.59 0.00
HELLGATE_13_KV_LD 55870	51.26 1.68 0.00	39.50 1.43 0.00	40.34 1.43 0.00	40.40 1.49 0.00	38.71 1.60 0.00	44.20 1.90 0.00	70.66 3.19 0.00	59.94 2.68 0.00	50.96 2.43 0.00	37.01 1.89 0.00	31.97 1.61 0.00	29.05 1.38 0.00	30.97 1.47 -0.09	32.25 1.49 0.00	32.48 1.45 0.00	39.91 1.74 0.00	42.44 1.97 0.00	50.92 2.28 0.00	52.86 2.69 0.00	47.42 2.53 0.00	43.39 2.60 0.00	44.10 2.71 0.00	43.33 2.40 0.00	41.15 2.00 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.26 1.68 0.00	39.50 1.43 0.00	40.34 1.43 0.00	40.40 1.49 0.00	38.71 1.60 0.00	44.20 1.90 0.00	70.66 3.19 0.00	59.94 2.68 0.00	50.96 2.43 0.00	37.01 1.89 0.00	31.97 1.61 0.00	29.05 1.38 0.00	30.97 1.47 -0.09	32.25 1.49 0.00	32.48 1.45 0.00	39.91 1.74 0.00	42.44 1.97 0.00	50.92 2.28 0.00	52.86 2.69 0.00	47.42 2.53 0.00	43.39 2.60 0.00	44.10 2.71 0.00	43.33 2.40 0.00	41.15 2.00 0.00
HEMPSTEAD____ 23647	63.61 1.70 -12.33	77.06 1.26 -37.72	59.43 1.27 -19.25	60.27 1.33 -20.03	55.29 1.53 -16.64	46.42 2.06 -2.07	70.54 3.07 0.00	59.69 2.44 0.00	50.75 2.23 0.00	37.51 1.81 -0.57	47.49 1.40 -15.73	28.82 1.14 0.00	30.64 1.14 -0.09	31.78 1.03 0.00	31.98 0.95 0.00	39.30 1.13 0.00	41.89 1.42 0.00	50.36 1.71 0.00	52.32 2.15 0.00	46.84 1.95 0.00	43.03 2.24 0.00	43.78 2.39 0.00	43.05 2.12 0.00	41.84 1.72 -0.97
HICKLING___1 23621	50.15 0.56 0.00	38.38 0.30 0.00	39.00 0.09 0.00	39.00 0.09 0.00	36.99 -0.12 0.00	42.37 0.08 0.00	67.42 -0.05 0.00	56.70 -0.55 0.00	47.80 -0.72 0.00	34.72 -0.41 0.00	30.34 -0.02 0.00	27.85 0.17 0.00	29.62 0.22 0.00	30.92 0.16 0.00	31.14 0.11 0.00	38.08 -0.09 0.00	40.04 -0.43 0.00	48.19 -0.45 0.00	49.61 -0.56 0.00	44.32 -0.57 0.00	39.83 -0.95 0.00	40.49 -0.89 0.00	40.24 -0.68 0.00	38.67 -0.47 0.00
HICKLING___2 23622	50.15 0.56 0.00	38.38 0.30 0.00	39.00 0.09 0.00	39.00 0.09 0.00	36.99 -0.12 0.00	42.37 0.08 0.00	67.42 -0.05 0.00	56.70 -0.55 0.00	47.80 -0.72 0.00	34.72 -0.41 0.00	30.34 -0.02 0.00	27.85 0.17 0.00	29.62 0.22 0.00	30.92 0.16 0.00	31.14 0.11 0.00	38.08 -0.09 0.00	40.04 -0.43 0.00	48.19 -0.45 0.00	49.61 -0.56 0.00	44.32 -0.57 0.00	39.83 -0.95 0.00	40.49 -0.89 0.00	40.24 -0.68 0.00	38.67 -0.47 0.00
HIGH FALLS___HY 23754	51.42 1.84 0.00	39.45 1.37 0.00	40.23 1.33 0.00	40.30 1.40 0.00	38.58 1.47 0.00	44.08 1.78 0.00	70.61 3.14 0.00	59.92 2.67 0.00	50.85 2.32 0.00	36.81 1.68 0.00	31.66 1.30 0.00	28.65 0.96 0.00	30.43 0.97 -0.06	31.54 0.78 0.00	31.81 0.77 0.00	39.39 1.22 0.00	41.94 1.47 0.00	50.54 1.90 0.00	52.56 2.40 0.00	47.51 2.62 0.00	43.36 2.57 0.00	43.99 2.60 0.00	43.25 2.33 0.00	41.07 1.92 0.00
HIGH_RIVER___SOLAR 323847	50.84 1.25 0.00	39.00 0.92 0.00	39.86 0.95 0.00	39.84 0.94 0.00	38.06 0.94 0.00	43.39 1.10 0.00	69.34 1.87 0.00	58.85 1.60 0.00	49.59 1.07 0.00	35.48 0.35 0.00	30.43 0.07 0.00	27.62 -0.06 0.00	29.31 -0.04 0.05	30.75 0.00 0.00	31.12 0.09 0.00	38.44 0.27 0.00	41.19 0.72 0.00	49.89 1.25 0.00	51.56 1.40 0.00	46.17 1.28 0.00	41.95 1.17 0.00	42.52 1.14 0.00	42.02 1.09 0.00	40.07 0.92 0.00
HILLBURN___GT 23639	50.91 1.32 0.00	39.06 0.98 0.00	39.82 0.91 0.00	39.90 1.00 0.00	38.24 1.13 0.00	43.81 1.52 0.00	70.26 2.78 0.00	59.61 2.36 0.00	50.59 2.06 0.00	36.53 1.41 0.00	31.47 1.11 0.00	28.63 0.95 0.00	30.53 1.04 -0.08	31.79 1.04 0.00	32.03 1.00 0.00	39.35 1.18 0.00	41.89 1.41 0.00	50.48 1.83 0.00	52.39 2.23 0.00	47.03 2.14 0.00	42.92 2.14 0.00	43.57 2.18 0.00	42.85 1.92 0.00	40.70 1.55 0.00
HILLSIDE_115KV_TB1 80332	49.51 -0.08 0.00	37.88 -0.20 0.00	38.55 -0.36 0.00	38.57 -0.34 0.00	36.65 -0.46 0.00	42.07 -0.22 0.00	66.98 -0.49 0.00	56.31 -0.95 0.00	47.49 -1.04 0.00	34.48 -0.65 0.00	30.13 -0.24 0.00	27.62 -0.06 0.00	29.37 -0.03 0.00	30.71 -0.05 0.00	30.93 -0.10 0.00	37.81 -0.36 0.00	39.79 -0.68 0.00	47.80 -0.84 0.00	49.19 -0.97 0.00	44.04 -0.85 0.00	39.63 -1.16 0.00	40.28 -1.11 0.00	39.99 -0.94 0.00	38.38 -0.77 0.00

HISHELDN_WT_PWR 323625	49.63 0.05 0.00	38.11 0.03 0.00	38.50 -0.41 0.00	38.38 -0.53 0.00	36.10 -1.01 0.00	40.86 -1.43 0.00	64.39 -3.08 0.00	54.03 -3.23 0.00	45.57 -2.96 0.00	33.40 -1.73 0.00	29.36 -1.00 0.00	27.08 -0.60 0.00	28.93 -0.48 0.00	30.13 -0.63 0.00	30.42 -0.62 0.00	37.17 -1.00 0.00	38.77 -1.70 0.00	46.13 -2.52 0.00	47.42 -2.74 0.00	42.00 -2.69 0.20	37.35 -2.80 0.63	37.87 -2.65 0.87	37.70 -1.95 1.28	37.30 -1.30 0.55
HOLTSVILLE_IC_1 23690	54.96 1.60 -3.77	59.86 1.12 -20.67	51.51 1.16 -11.44	51.93 1.21 -11.81	48.52 1.47 -9.93	45.90 2.25 -1.36	68.36 3.06 2.17	55.20 2.34 4.39	48.49 2.11 2.15	37.27 1.77 -0.37	42.03 1.34 -10.33	28.75 1.07 0.00	30.49 0.99 -0.09	31.51 0.75 0.00	31.05 0.66 0.65	32.28 0.83 6.73	33.69 1.21 8.00	39.99 1.47 10.12	41.37 1.82 10.61	37.56 1.66 8.99	34.66 2.18 8.30	38.89 2.42 4.92	41.80 2.13 1.25	40.87 1.69 -0.04
HOLTSVILLE_IC_10 23699	56.04 1.77 -4.68	61.03 1.23 -21.72	52.00 1.29 -11.81	52.45 1.33 -12.21	48.95 1.59 -10.24	46.07 2.41 -1.37	69.01 3.30 1.76	56.21 2.51 3.56	49.05 2.27 1.74	37.40 1.89 -0.38	42.25 1.43 -10.46	28.84 1.16 0.00	30.58 1.09 -0.09	31.60 0.85 0.00	31.27 0.77 0.53	33.66 0.95 5.46	35.33 1.34 6.48	42.06 1.64 8.22	43.52 1.98 8.63	39.39 1.81 7.31	36.37 2.34 6.75	39.97 2.58 4.00	42.21 2.30 1.02	41.13 1.82 -0.16
HOLTSVILLE_IC_2 23691	54.96 1.60 -3.77	59.86 1.12 -20.67	51.51 1.16 -11.44	51.93 1.21 -11.81	48.52 1.47 -9.93	45.90 2.25 -1.36	68.36 3.06 2.17	55.20 2.34 4.39	48.49 2.11 2.15	37.27 1.77 -0.37	42.03 1.34 -10.33	28.75 1.07 0.00	30.49 0.99 -0.09	31.51 0.75 0.00	31.05 0.66 0.65	32.28 0.83 6.73	33.69 1.21 8.00	39.99 1.47 10.12	41.37 1.82 10.61	37.56 1.66 8.99	34.66 2.18 8.30	38.89 2.42 4.92	41.80 2.13 1.25	40.87 1.69 -0.04
HOLTSVILLE_IC_3 23692	54.96 1.60 -3.77	59.86 1.12 -20.67	51.51 1.16 -11.44	51.93 1.21 -11.81	48.52 1.47 -9.93	45.90 2.25 -1.36	68.36 3.06 2.17	55.20 2.34 4.39	48.49 2.11 2.15	37.27 1.77 -0.37	42.03 1.34 -10.33	28.75 1.07 0.00	30.49 0.99 -0.09	31.51 0.75 0.00	31.05 0.66 0.65	32.28 0.83 6.73	33.69 1.21 8.00	39.99 1.47 10.12	41.37 1.82 10.61	37.56 1.66 8.99	34.66 2.18 8.30	38.89 2.42 4.92	41.80 2.13 1.25	40.87 1.69 -0.04
HOLTSVILLE_IC_4 23693	54.96 1.60 -3.77	59.86 1.12 -20.67	51.51 1.16 -11.44	51.93 1.21 -11.81	48.52 1.47 -9.93	45.90 2.25 -1.36	68.36 3.06 2.17	55.20 2.34 4.39	48.49 2.11 2.15	37.27 1.77 -0.37	42.03 1.34 -10.33	28.75 1.07 0.00	30.49 0.99 -0.09	31.51 0.75 0.00	31.05 0.66 0.65	32.28 0.83 6.73	33.69 1.21 8.00	39.99 1.47 10.12	41.37 1.82 10.61	37.56 1.66 8.99	34.66 2.18 8.30	38.89 2.42 4.92	41.80 2.13 1.25	40.87 1.69 -0.04
HOLTSVILLE_IC_5 23694	54.96 1.60 -3.77	59.86 1.12 -20.67	51.51 1.16 -11.44	51.93 1.21 -11.81	48.52 1.47 -9.93	45.90 2.25 -1.36	68.36 3.06 2.17	55.20 2.34 4.39	48.49 2.11 2.15	37.27 1.77 -0.37	42.03 1.34 -10.33	28.75 1.07 0.00	30.49 0.99 -0.09	31.51 0.75 0.00	31.05 0.66 0.65	32.28 0.83 6.73	33.69 1.21 8.00	39.99 1.47 10.12	41.37 1.82 10.61	37.56 1.66 8.99	34.66 2.18 8.30	38.89 2.42 4.92	41.80 2.13 1.25	40.87 1.69 -0.04
HOLTSVILLE_IC_6 23695	56.04 1.77 -4.68	61.03 1.23 -21.72	52.00 1.29 -11.81	52.45 1.33 -12.21	48.95 1.59 -10.24	46.07 2.41 -1.37	69.01 3.30 1.76	56.21 2.51 3.56	49.05 2.27 1.74	37.40 1.89 -0.38	42.25 1.43 -10.46	28.84 1.16 0.00	30.58 1.09 -0.09	31.60 0.85 0.00	31.27 0.77 0.53	33.66 0.95 5.46	35.33 1.34 6.48	42.06 1.64 8.22	43.52 1.98 8.63	39.39 1.81 7.31	36.37 2.34 6.75	39.97 2.58 4.00	42.21 2.30 1.02	41.13 1.82 -0.16
HOLTSVILLE_IC_7 23696	56.04 1.77 -4.68	61.03 1.23 -21.72	52.00 1.29 -11.81	52.45 1.33 -12.21	48.95 1.59 -10.24	46.07 2.41 -1.37	69.01 3.30 1.76	56.21 2.51 3.56	49.05 2.27 1.74	37.40 1.89 -0.38	42.25 1.43 -10.46	28.84 1.16 0.00	30.58 1.09 -0.09	31.60 0.85 0.00	31.27 0.77 0.53	33.66 0.95 5.46	35.33 1.34 6.48	42.06 1.64 8.22	43.52 1.98 8.63	39.39 1.81 7.31	36.37 2.34 6.75	39.97 2.58 4.00	42.21 2.30 1.02	41.13 1.82 -0.16
HOLTSVILLE_IC_8 23697	56.04 1.77 -4.68	61.03 1.23 -21.72	52.00 1.29 -11.81	52.45 1.33 -12.21	48.95 1.59 -10.24	46.07 2.41 -1.37	69.01 3.30 1.76	56.21 2.51 3.56	49.05 2.27 1.74	37.40 1.89 -0.38	42.25 1.43 -10.46	28.84 1.16 0.00	30.58 1.09 -0.09	31.60 0.85 0.00	31.27 0.77 0.53	33.66 0.95 5.46	35.33 1.34 6.48	42.06 1.64 8.22	43.52 1.98 8.63	39.39 1.81 7.31	36.37 2.34 6.75	39.97 2.58 4.00	42.21 2.30 1.02	41.13 1.82 -0.16
HOLTSVILLE_IC_9 23698	56.04 1.77 -4.68	61.03 1.23 -21.72	52.00 1.29 -11.81	52.45 1.33 -12.21	48.95 1.59 -10.24	46.07 2.41 -1.37	69.01 3.30 1.76	56.21 2.51 3.56	49.05 2.27 1.74	37.40 1.89 -0.38	42.25 1.43 -10.46	28.84 1.16 0.00	30.58 1.09 -0.09	31.60 0.85 0.00	31.27 0.77 0.53	33.66 0.95 5.46	35.33 1.34 6.48	42.06 1.64 8.22	43.52 1.98 8.63	39.39 1.81 7.31	36.37 2.34 6.75	39.97 2.58 4.00	42.21 2.30 1.02	41.13 1.82 -0.16
HOMER_HL_115KV_TB2 355744	49.94 0.35 0.00	38.26 0.18 0.00	38.81 -0.09 0.00	38.81 -0.10 0.00	36.63 -0.48 0.00	41.89 -0.41 0.00	66.11 -1.36 0.00	55.10 -2.15 0.00	46.45 -2.07 0.00	33.91 -1.22 0.00	29.80 -0.56 0.00	27.64 -0.04 0.00	29.65 0.24 0.00	30.99 0.23 0.00	31.33 0.29 0.00	38.06 -0.11 0.00	39.66 -0.81 0.00	47.40 -1.24 0.00	48.72 -1.44 0.00	43.48 -1.41 0.00	39.14 -1.64 0.00	39.96 -1.43 0.00	39.92 -1.01 0.00	38.66 -0.49 0.00
HOWARD_WT_PWR 323690	50.29 0.70 0.00	38.47 0.39 0.00	38.70 -0.21 0.00	38.53 -0.38 0.00	36.29 -0.83 0.00	41.28 -1.01 0.00	65.53 -1.94 0.00	55.18 -2.08 0.00	46.43 -2.10 0.00	33.91 -1.22 0.00	29.67 -0.69 0.00	27.29 -0.40 0.00	29.14 -0.26 0.00	30.39 -0.37 0.00	30.51 -0.52 0.00	37.26 -0.91 0.00	39.10 -1.36 0.00	47.01 -1.63 0.00	48.30 -1.87 0.00	42.66 -2.24 0.00	38.03 -2.75 0.00	38.69 -2.70 0.00	38.64 -2.28 0.00	37.25 -1.90 0.00
HQ_GEN_CEDARS 23644	50.57 0.98 0.00	38.87 0.79 0.00	39.70 0.79 0.00	39.65 0.74 0.00	37.77 0.65 0.00	43.01 0.72 0.00	68.59 1.12 0.00	58.17 0.92 0.00	49.43 0.91 0.00	35.90 0.78 0.00	31.12 0.76 0.00	28.43 0.75 0.00	30.20 0.79 0.00	31.55 0.79 0.00	31.85 0.82 0.00	39.28 1.11 0.00	41.54 1.07 0.00	49.67 1.03 0.00	51.18 1.02 0.00	45.72 0.83 0.00	41.38 0.60 0.00	41.99 0.60 0.00	41.64 0.71 0.00	39.83 0.69 0.00
HQ_GEN_CEDARS_PROXY 323590	50.57 0.98 0.00	38.87 0.79 0.00	39.70 0.79 0.00	39.64 0.74 0.00	37.77 0.65 0.00	43.01 0.72 0.00	69.92 1.11 -1.34	58.17 0.92 0.00	49.30 0.91 0.13	33.74 0.78 2.16	28.84 0.76 2.29	28.43 0.75 0.00	30.20 0.79 0.00	31.55 0.79 0.00	31.85 0.81 0.00	39.28 1.11 0.00	41.54 1.07 0.00	49.68 1.04 0.00	51.18 1.01 0.00	45.72 0.83 0.00	41.38 0.59 0.00	41.99 0.60 0.00	41.64 0.71 0.00	39.84 0.69 0.00

HQ_GEN_IMPORT 323601	49.93 0.35 0.00	38.37 0.29 0.00	39.20 0.30 0.00	39.18 0.27 0.00	37.34 0.23 0.00	49.43 0.24 -6.90	67.83 0.34 -0.02	57.54 0.28 0.00	48.05 0.33 0.81	34.47 0.30 0.96	30.69 0.33 0.00	28.01 0.33 0.00	29.77 0.37 0.00	31.14 0.38 0.00	31.42 0.39 0.00	38.69 0.52 0.00	40.96 0.48 0.00	49.08 0.44 0.00	50.61 0.44 0.00	45.23 0.34 0.00	40.98 0.20 0.00	41.59 0.20 0.00	41.19 0.27 0.00	39.43 0.28 0.00
HQ_GEN_WHEEL 23651	49.93 0.35 0.00	38.37 0.29 0.00	39.20 0.30 0.00	39.18 0.27 0.00	37.34 0.23 0.00	49.43 0.24 -6.90	67.83 0.34 -0.02	57.54 0.28 0.00	48.05 0.33 0.81	34.47 0.30 0.96	30.69 0.33 0.00	28.01 0.33 0.00	29.77 0.37 0.00	31.14 0.38 0.00	31.42 0.39 0.00	38.69 0.52 0.00	40.96 0.48 0.00	49.08 0.44 0.00	50.61 0.44 0.00	45.23 0.34 0.00	40.98 0.20 0.00	41.59 0.20 0.00	41.19 0.27 0.00	39.43 0.28 0.00
HUDSON AVE_GT_3 23810	51.14 1.55 0.00	39.31 1.23 0.00	40.12 1.21 0.00	40.21 1.30 0.00	38.50 1.39 0.00	44.02 1.73 0.00	70.37 2.90 0.00	59.71 2.46 0.00	50.74 2.22 0.00	36.81 1.69 0.00	31.77 1.41 0.00	28.89 1.21 0.00	30.78 1.29 -0.09	32.06 1.30 0.00	32.30 1.27 0.00	39.70 1.53 0.00	42.25 1.78 0.00	50.76 2.12 0.00	52.65 2.48 0.00	47.25 2.35 0.00	43.20 2.42 0.00	43.89 2.51 0.00	43.16 2.23 0.00	40.98 1.83 0.00
HUDSON AVE_GT_4 23540	51.14 1.55 0.00	39.31 1.23 0.00	40.12 1.21 0.00	40.21 1.30 0.00	38.50 1.39 0.00	44.02 1.73 0.00	70.37 2.90 0.00	59.71 2.46 0.00	50.74 2.22 0.00	36.81 1.69 0.00	31.77 1.41 0.00	28.89 1.21 0.00	30.78 1.29 -0.09	32.06 1.30 0.00	32.30 1.27 0.00	39.70 1.53 0.00	42.25 1.78 0.00	50.76 2.12 0.00	52.65 2.48 0.00	47.25 2.35 0.00	43.20 2.42 0.00	43.89 2.51 0.00	43.16 2.23 0.00	40.98 1.83 0.00
HUDSON AVE_GT_5 23657	51.14 1.55 0.00	39.31 1.23 0.00	40.12 1.21 0.00	40.21 1.30 0.00	38.50 1.39 0.00	44.02 1.73 0.00	70.37 2.90 0.00	59.71 2.46 0.00	50.74 2.22 0.00	36.81 1.69 0.00	31.77 1.41 0.00	28.89 1.21 0.00	30.78 1.29 -0.09	32.06 1.30 0.00	32.30 1.27 0.00	39.70 1.53 0.00	42.25 1.78 0.00	50.76 2.12 0.00	52.65 2.48 0.00	47.25 2.35 0.00	43.20 2.42 0.00	43.89 2.51 0.00	43.16 2.23 0.00	40.98 1.83 0.00
HUDSON_AVE_10 24168	50.91 1.32 0.00	37.30 1.05 1.82	28.53 1.00 11.37	28.53 1.08 11.45	37.54 1.19 0.77	43.78 1.50 0.02	69.49 2.53 0.51	59.40 2.15 0.00	50.48 1.96 0.00	36.62 1.49 0.00	31.60 1.25 0.00	28.75 1.07 0.00	30.61 1.12 -0.09	31.88 1.12 0.00	32.12 1.09 0.00	39.49 1.33 0.00	42.02 1.55 0.00	50.51 1.87 0.00	52.40 2.23 0.00	47.04 2.15 0.00	43.00 2.22 0.00	43.69 2.30 0.00	42.94 2.02 0.00	40.76 1.61 0.00
HUDSON___115KV_TB 4 355613	50.58 0.99 0.00	38.82 0.74 0.00	39.69 0.78 0.00	39.72 0.82 0.00	38.04 0.93 0.00	44.27 1.98 0.00	70.81 3.33 0.00	60.41 3.16 0.00	51.13 2.61 0.00	36.59 1.46 0.00	31.27 0.91 0.00	28.10 0.43 0.00	29.70 0.31 0.01	31.15 0.39 0.00	31.63 0.60 0.00	38.55 0.39 0.00	41.31 0.84 0.00	50.00 1.36 0.00	51.70 1.53 0.00	46.35 1.47 0.00	42.35 1.56 0.00	42.94 1.55 0.00	42.25 1.33 0.00	40.12 0.97 0.00
HUNTER MOUNT___DRP 323613	50.73 1.14 0.00	38.93 0.85 0.00	39.81 0.90 0.00	39.84 0.93 0.00	38.12 1.01 0.00	44.06 1.77 0.00	70.45 2.98 0.00	60.13 2.88 0.00	50.88 2.35 0.00	36.45 1.32 0.00	31.16 0.80 0.00	28.02 0.34 0.00	29.63 0.22 0.00	31.07 0.31 0.00	31.59 0.56 0.00	38.64 0.47 0.00	41.42 0.95 0.00	50.20 1.55 0.00	51.89 1.72 0.00	46.49 1.61 0.00	42.45 1.67 0.00	43.04 1.65 0.00	42.34 1.42 0.00	40.20 1.05 0.00
HUNTINGTON_RES_REC 323705	60.08 1.34 -9.16	65.06 0.98 -26.00	52.99 1.02 -13.07	53.57 1.05 -13.62	49.73 1.32 -11.29	45.78 2.10 -1.38	70.72 2.77 -0.48	60.36 2.13 -0.97	50.94 1.94 -0.48	37.19 1.68 -0.38	42.14 1.26 -10.52	28.70 1.02 0.00	30.44 0.94 -0.09	31.41 0.65 0.00	31.73 0.55 -0.14	40.33 0.68 -1.48	43.30 1.07 -1.77	52.17 1.30 -2.23	54.14 1.63 -2.34	48.38 1.51 -1.98	44.63 2.02 -1.83	44.71 2.24 -1.09	43.12 1.92 -0.28	41.42 1.49 -0.78
HUNTLEY___63 23557	49.69 0.11 0.00	38.27 0.20 0.00	38.83 -0.07 0.00	38.65 -0.25 0.00	36.38 -0.74 0.00	41.23 -1.06 0.00	64.81 -2.66 0.00	54.11 -3.14 0.00	45.60 -2.92 0.00	33.50 -1.63 0.00	29.37 -1.00 0.00	27.24 -0.44 0.00	29.17 -0.24 0.00	30.36 -0.40 0.00	30.78 -0.26 0.00	37.57 -0.60 0.00	38.93 -1.54 0.00	45.71 -2.93 0.00	47.03 -3.13 0.00	42.09 -2.80 0.00	38.19 -2.60 0.00	39.06 -2.33 0.00	39.54 -1.39 0.00	38.54 -0.60 0.00
HUNTLEY___64 23558	49.69 0.11 0.00	38.27 0.20 0.00	38.83 -0.07 0.00	38.65 -0.25 0.00	36.38 -0.74 0.00	41.23 -1.06 0.00	64.81 -2.66 0.00	54.11 -3.14 0.00	45.60 -2.92 0.00	33.50 -1.63 0.00	29.37 -1.00 0.00	27.24 -0.44 0.00	29.17 -0.24 0.00	30.36 -0.40 0.00	30.78 -0.26 0.00	37.57 -0.60 0.00	38.93 -1.54 0.00	45.71 -2.93 0.00	47.03 -3.13 0.00	42.09 -2.80 0.00	38.19 -2.60 0.00	39.06 -2.33 0.00	39.54 -1.39 0.00	38.54 -0.60 0.00
HUNTLEY___65 23559	49.69 0.11 0.00	38.27 0.20 0.00	38.83 -0.07 0.00	38.65 -0.25 0.00	36.38 -0.74 0.00	41.23 -1.06 0.00	64.81 -2.66 0.00	54.11 -3.14 0.00	45.60 -2.92 0.00	33.50 -1.63 0.00	29.37 -1.00 0.00	27.24 -0.44 0.00	29.17 -0.24 0.00	30.36 -0.40 0.00	30.78 -0.26 0.00	37.57 -0.60 0.00	38.93 -1.54 0.00	45.71 -2.93 0.00	47.03 -3.13 0.00	42.09 -2.80 0.00	38.19 -2.60 0.00	39.06 -2.33 0.00	39.54 -1.39 0.00	38.54 -0.60 0.00
HUNTLEY___66 23560	49.69 0.11 0.00	38.27 0.20 0.00	38.83 -0.07 0.00	38.65 -0.25 0.00	36.38 -0.74 0.00	41.23 -1.06 0.00	64.81 -2.66 0.00	54.11 -3.14 0.00	45.60 -2.92 0.00	33.50 -1.63 0.00	29.37 -1.00 0.00	27.24 -0.44 0.00	29.17 -0.24 0.00	30.36 -0.40 0.00	30.78 -0.26 0.00	37.57 -0.60 0.00	38.93 -1.54 0.00	45.71 -2.93 0.00	47.03 -3.13 0.00	42.09 -2.80 0.00	38.19 -2.60 0.00	39.06 -2.33 0.00	39.54 -1.39 0.00	38.54 -0.60 0.00
HUNTLEY___67 23561	49.34 -0.25 0.00	37.97 -0.10 0.00	38.56 -0.35 0.00	38.39 -0.51 0.00	36.12 -1.00 0.00	40.98 -1.32 0.00	64.42 -3.05 0.00	53.80 -3.45 0.00	45.33 -3.20 0.00	33.28 -1.85 0.00	29.20 -1.17 0.00	27.10 -0.58 0.00	29.02 -0.38 0.00	30.23 -0.53 0.00	30.65 -0.38 0.00	37.43 -0.74 0.00	38.79 -1.69 0.00	45.59 -3.05 0.00	46.92 -3.25 0.00	41.94 -2.95 0.00	38.02 -2.77 0.00	38.88 -2.50 0.00	39.26 -1.66 0.00	38.27 -0.88 0.00
HUNTLEY___68 23562	49.34 -0.25 0.00	37.97 -0.10 0.00	38.56 -0.35 0.00	38.39 -0.51 0.00	36.12 -1.00 0.00	40.98 -1.32 0.00	64.42 -3.05 0.00	53.80 -3.45 0.00	45.33 -3.20 0.00	33.28 -1.85 0.00	29.20 -1.17 0.00	27.10 -0.58 0.00	29.02 -0.38 0.00	30.23 -0.53 0.00	30.65 -0.38 0.00	37.43 -0.74 0.00	38.79 -1.69 0.00	45.59 -3.05 0.00	46.92 -3.25 0.00	41.94 -2.95 0.00	38.02 -2.77 0.00	38.88 -2.50 0.00	39.26 -1.66 0.00	38.27 -0.88 0.00



HYLAND___LFGE 323620	52.20 2.61 0.00	39.97 1.90 0.00	40.48 1.57 0.00	40.36 1.45 0.00	38.14 1.03 0.00	43.43 1.14 0.00	69.09 1.62 0.00	58.40 1.15 0.00	49.32 0.79 0.00	35.83 0.71 0.00	31.03 0.67 0.00	27.89 0.21 0.00	29.69 0.28 0.00	30.96 0.20 0.00	31.17 0.14 0.00	38.16 -0.01 0.00	40.19 -0.28 0.00	48.43 -0.21 0.00	51.17 1.00 0.00	45.79 0.90 0.00	41.17 0.39 0.00	41.79 0.40 0.00	41.67 0.74 0.00	40.13 0.98 0.00
INDECK___CORINTH 23802	50.89 1.30 0.00	39.00 0.93 0.00	39.99 1.08 0.00	39.99 1.09 0.00	38.24 1.13 0.00	43.55 1.26 0.00	69.66 2.19 0.00	59.27 2.01 0.00	49.95 1.43 0.00	35.79 0.67 0.00	30.57 0.21 0.00	27.70 0.03 0.00	29.29 -0.04 0.07	30.89 0.13 0.00	31.35 0.32 0.00	38.89 0.72 0.00	41.71 1.24 0.00	50.54 1.89 0.00	51.99 1.83 0.00	46.54 1.65 0.00	42.54 1.76 0.00	43.10 1.71 0.00	42.45 1.53 0.00	40.28 1.13 0.00
INDECK___ILION 23567	50.88 1.30 0.00	39.02 0.94 0.00	39.88 0.97 0.00	39.90 0.99 0.00	38.13 1.01 0.00	43.50 1.21 0.00	69.50 2.03 0.00	59.09 1.84 0.00	49.90 1.38 0.00	35.76 0.63 0.00	30.66 0.30 0.00	27.88 0.20 0.00	29.54 0.13 0.00	31.06 0.30 0.00	31.43 0.40 0.00	38.78 0.62 0.00	41.43 0.96 0.00	49.97 1.33 0.00	51.49 1.33 0.00	46.09 1.20 0.00	41.94 1.16 0.00	42.62 1.23 0.00	42.11 1.19 0.00	40.13 0.98 0.00
INDECK___OLEAN 23982	49.93 0.34 0.00	38.25 0.18 0.00	38.82 -0.09 0.00	38.81 -0.10 0.00	36.63 -0.48 0.00	41.88 -0.41 0.00	66.12 -1.35 0.00	55.10 -2.15 0.00	46.46 -2.07 0.00	33.89 -1.24 0.00	29.80 -0.56 0.00	27.64 -0.04 0.00	29.65 0.24 0.00	30.99 0.23 0.00	31.32 0.29 0.00	38.06 -0.11 0.00	39.66 -0.81 0.00	47.40 -1.24 0.00	48.72 -1.45 0.00	42.82 -1.40 0.67	37.09 -1.61 2.08	37.12 -1.41 2.87	35.71 -0.99 4.23	36.83 -0.48 1.83
INDECK___OSWEGO 23783	48.51 -1.08 0.00	37.23 -0.85 0.00	38.03 -0.88 0.00	38.02 -0.89 0.00	36.24 -0.87 0.00	41.30 -0.99 0.00	65.89 -1.58 0.00	55.90 -1.35 0.00	47.31 -1.21 0.00	34.26 -0.86 0.00	29.63 -0.74 0.00	26.97 -0.71 0.00	28.62 -0.78 0.00	29.95 -0.81 0.00	30.19 -0.84 0.00	36.99 -1.18 0.00	39.17 -1.31 0.00	47.16 -1.48 0.00	48.73 -1.43 0.00	43.59 -1.30 0.00	39.57 -1.21 0.00	40.16 -1.22 0.00	39.71 -1.21 0.00	38.13 -1.02 0.00
INDECK___YERKES 23781	49.73 0.14 0.00	38.29 0.21 0.00	38.85 -0.05 0.00	38.68 -0.23 0.00	36.41 -0.71 0.00	41.25 -1.04 0.00	64.84 -2.64 0.00	54.16 -3.10 0.00	45.64 -2.89 0.00	33.50 -1.63 0.00	29.39 -0.97 0.00	27.27 -0.41 0.00	29.20 -0.21 0.00	30.38 -0.38 0.00	30.80 -0.24 0.00	37.59 -0.58 0.00	38.96 -1.51 0.00	45.74 -2.90 0.00	47.06 -3.11 0.00	41.67 -2.76 0.46	36.82 -2.54 1.42	37.15 -2.28 1.96	36.69 -1.34 2.89	37.33 -0.56 1.25
INDIAN POINT_GT_1 24139	50.82 1.24 0.00	39.01 0.94 0.00	39.79 0.89 0.00	39.89 0.99 0.00	38.20 1.09 0.00	43.71 1.42 0.00	69.97 2.50 0.00	59.37 2.12 0.00	50.38 1.86 0.00	36.46 1.34 0.00	31.44 1.08 0.00	28.58 0.90 0.00	30.45 0.96 -0.09	31.71 0.96 0.00	31.94 0.91 0.00	39.28 1.12 0.00	41.86 1.39 0.00	50.38 1.74 0.00	52.24 2.07 0.00	46.89 2.00 0.00	42.85 2.07 0.00	43.51 2.13 0.00	42.81 1.88 0.00	40.64 1.49 0.00
INDIAN POINT_GT_2 23659	50.82 1.24 0.00	39.01 0.94 0.00	39.79 0.89 0.00	39.89 0.99 0.00	38.20 1.09 0.00	43.71 1.42 0.00	69.97 2.50 0.00	59.37 2.12 0.00	50.38 1.86 0.00	36.46 1.34 0.00	31.44 1.08 0.00	28.58 0.90 0.00	30.45 0.96 -0.09	31.71 0.96 0.00	31.94 0.91 0.00	39.28 1.12 0.00	41.86 1.39 0.00	50.38 1.74 0.00	52.24 2.07 0.00	46.89 2.00 0.00	42.85 2.07 0.00	43.51 2.13 0.00	42.81 1.88 0.00	40.64 1.49 0.00
INDIAN POINT_GT_3 24019	50.82 1.24 0.00	39.01 0.94 0.00	39.79 0.89 0.00	39.89 0.99 0.00	38.20 1.09 0.00	43.71 1.42 0.00	69.97 2.50 0.00	59.37 2.12 0.00	50.38 1.86 0.00	36.46 1.34 0.00	31.44 1.08 0.00	28.58 0.90 0.00	30.45 0.96 -0.09	31.71 0.96 0.00	31.94 0.91 0.00	39.28 1.12 0.00	41.86 1.39 0.00	50.38 1.74 0.00	52.24 2.07 0.00	46.89 2.00 0.00	42.85 2.07 0.00	43.51 2.13 0.00	42.81 1.88 0.00	40.64 1.49 0.00
INDIAN POINT___2 23530	50.82 1.23 0.00	39.01 0.93 0.00	39.78 0.87 0.00	39.87 0.96 0.00	38.20 1.09 0.00	43.71 1.42 0.00	70.00 2.53 0.00	59.39 2.13 0.00	50.40 1.87 0.00	36.46 1.33 0.00	31.42 1.06 0.00	28.57 0.89 0.00	30.45 0.96 -0.09	31.71 0.95 0.00	31.94 0.91 0.00	39.26 1.10 0.00	41.82 1.35 0.00	50.35 1.71 0.00	52.23 2.06 0.00	46.88 1.99 0.00	42.83 2.05 0.00	43.49 2.11 0.00	42.77 1.85 0.00	40.63 1.48 0.00
INDIAN POINT___3 23531	50.80 1.21 0.00	38.99 0.92 0.00	39.78 0.87 0.00	39.86 0.95 0.00	38.18 1.06 0.00	43.69 1.39 0.00	69.94 2.47 0.00	59.35 2.09 0.00	50.36 1.83 0.00	36.44 1.32 0.00	31.42 1.06 0.00	28.56 0.88 0.00	30.44 0.95 -0.09	31.70 0.94 0.00	31.94 0.90 0.00	39.26 1.10 0.00	41.83 1.35 0.00	50.35 1.71 0.00	52.21 2.04 0.00	46.87 1.98 0.00	42.82 2.04 0.00	43.50 2.11 0.00	42.77 1.85 0.00	40.62 1.48 0.00
INGHAM_C_115KV_TB7 356103	52.52 2.93 0.00	40.22 2.15 0.00	41.10 2.19 0.00	41.15 2.24 0.00	39.37 2.26 0.00	44.98 2.69 0.00	71.98 4.51 0.00	61.33 4.08 0.00	51.58 3.05 0.00	36.50 1.37 0.00	31.01 0.65 0.00	28.13 0.45 0.00	29.69 0.29 0.00	31.43 0.67 0.00	31.93 0.90 0.00	39.56 1.40 0.00	42.64 2.16 0.00	51.63 2.98 0.00	53.23 3.06 0.00	47.68 2.79 0.00	43.48 2.70 0.00	44.24 2.85 0.00	43.68 2.76 0.00	41.46 2.31 0.00
IP CORINTH___1 23988	51.19 1.60 0.00	39.23 1.15 0.00	40.20 1.29 0.00	40.20 1.30 0.00	38.45 1.34 0.00	43.81 1.51 0.00	70.06 2.59 0.00	59.61 2.35 0.00	50.23 1.71 0.00	35.99 0.86 0.00	30.73 0.37 0.00	27.85 0.17 0.00	29.46 0.12 0.07	31.06 0.30 0.00	31.52 0.49 0.00	39.10 0.93 0.00	41.95 1.48 0.00	50.82 2.18 0.00	52.29 2.12 0.00	46.80 1.92 0.00	42.78 2.00 0.00	43.33 1.95 0.00	42.67 1.75 0.00	40.48 1.33 0.00
IP___TICONDEROGA 23804	54.21 4.63 0.00	41.37 3.30 0.00	42.37 3.46 0.00	42.37 3.47 0.00	40.54 3.43 0.00	46.43 4.14 0.00	74.43 6.96 0.00	63.38 6.13 0.00	52.83 4.30 0.00	37.22 2.10 0.00	31.55 1.19 0.00	28.62 0.94 0.00	30.35 1.01 0.07	32.28 1.52 0.00	32.81 1.78 0.00	41.04 2.87 0.00	44.51 4.04 0.00	54.11 5.47 0.00	55.37 5.21 0.00	49.61 4.72 0.00	45.56 4.78 0.00	46.09 4.70 0.00	45.13 4.20 0.00	42.54 3.40 0.00
ISLIP_RES_REC 323679	56.36 1.93 -4.85	61.43 1.35 -22.01	52.24 1.40 -11.93	52.68 1.43 -12.35	49.16 1.69 -10.35	46.21 2.53 -1.38	69.26 3.50 1.71	56.49 2.69 3.45	49.26 2.43 1.69	37.51 2.00 -0.38	42.42 1.52 -10.54	28.91 1.23 0.00	30.66 1.17 -0.09	31.68 0.92 0.00	31.37 0.85 0.51	33.92 1.04 5.29	35.65 1.46 6.29	42.48 1.81 7.98	43.97 2.17 8.36	39.79 1.98 7.08	36.73 2.49 6.54	40.24 2.73 3.88	42.38 2.44 0.98	41.27 1.94 -0.18

JAMAICA__27_KV_LOAD 355505	50.97 1.38 0.00	37.34 1.09 1.82	28.47 0.94 11.37	28.48 1.03 11.45	37.48 1.13 0.77	43.73 1.45 0.02	69.48 2.53 0.51	59.40 2.15 0.00	50.48 1.96 0.00	36.63 1.51 0.00	31.61 1.25 0.00	28.75 1.07 0.00	30.59 1.10 -0.09	31.86 1.10 0.00	32.09 1.06 0.00	39.46 1.29 0.00	42.00 1.54 0.00	50.51 1.87 0.00	52.42 2.25 0.00	47.07 2.18 0.00	43.01 2.23 0.00	43.69 2.30 0.00	42.93 2.00 0.00	40.71 1.57 0.00
JANIS__SOLAR 323808	51.50 1.91 0.00	39.45 1.37 0.00	40.23 1.33 0.00	40.23 1.33 0.00	38.34 1.22 0.00	43.75 1.46 0.00	70.00 2.53 0.00	59.33 2.07 0.00	49.93 1.41 0.00	35.68 0.55 0.00	30.75 0.39 0.00	28.11 0.42 0.00	30.01 0.61 0.00	31.35 0.59 0.00	31.39 0.36 0.00	38.60 0.43 0.00	40.84 0.37 0.00	49.54 0.90 0.00	51.66 1.50 0.00	46.22 1.20 -0.13	42.01 0.81 -0.41	42.60 0.64 -0.57	42.39 0.63 -0.84	40.23 0.71 -0.36
JARVIS____ 23743	49.69 0.10 0.00	38.15 0.07 0.00	38.99 0.08 0.00	38.98 0.08 0.00	37.23 0.11 0.00	42.42 0.13 0.00	67.68 0.21 0.00	57.48 0.22 0.00	48.67 0.15 0.00	35.18 0.06 0.00	30.36 0.00 0.00	27.65 -0.03 0.00	29.36 -0.04 0.00	30.74 -0.02 0.00	31.03 0.00 0.00	38.17 0.00 0.00	40.54 0.07 0.00	48.77 0.13 0.00	50.27 0.10 0.00	44.98 0.09 0.00	40.91 0.13 0.00	41.52 0.13 0.00	41.01 0.09 0.00	39.19 0.04 0.00
JENNISON____1 23625	51.61 2.02 0.00	39.52 1.45 0.00	40.31 1.40 0.00	40.34 1.43 0.00	38.45 1.34 0.00	43.94 1.64 0.00	70.25 2.78 0.00	59.50 2.24 0.00	50.21 1.68 0.00	36.12 0.99 0.00	31.24 0.88 0.00	28.49 0.81 0.00	30.32 0.92 0.00	31.76 1.01 0.00	31.93 0.90 0.00	39.10 0.93 0.00	41.39 0.92 0.00	50.04 1.40 0.00	51.54 1.37 0.00	45.56 0.67 0.00	40.91 0.12 0.00	41.34 -0.05 0.00	40.99 0.06 0.00	39.47 0.33 0.00
JENNISON____2 23626	51.61 2.02 0.00	39.52 1.45 0.00	40.31 1.40 0.00	40.34 1.43 0.00	38.45 1.34 0.00	43.94 1.64 0.00	70.25 2.78 0.00	59.50 2.24 0.00	50.21 1.68 0.00	36.12 0.99 0.00	31.24 0.88 0.00	28.49 0.81 0.00	30.32 0.92 0.00	31.76 1.01 0.00	31.93 0.90 0.00	39.10 0.93 0.00	41.39 0.92 0.00	50.04 1.40 0.00	51.54 1.37 0.00	45.56 0.67 0.00	40.91 0.12 0.00	41.34 -0.05 0.00	40.99 0.06 0.00	39.47 0.33 0.00
JERICOHO_RISE_WT_PWR 323719	50.20 0.61 0.00	38.55 0.47 0.00	39.36 0.46 0.00	39.35 0.45 0.00	37.55 0.43 0.00	42.84 0.54 0.00	68.20 0.72 0.00	57.83 0.58 0.00	49.17 0.64 0.00	35.80 0.67 0.00	31.04 0.68 0.00	28.37 0.69 0.00	30.16 0.76 0.00	31.51 0.75 0.00	31.78 0.74 0.00	39.23 1.06 0.00	41.50 1.03 0.00	49.52 0.88 0.00	50.96 0.79 0.00	45.37 0.48 0.00	40.88 0.10 0.00	41.53 0.14 0.00	41.28 0.36 0.00	39.47 0.32 0.00
KATONAH__115KV_46KV_TB4 355592	51.02 1.44 0.00	39.18 1.10 0.00	39.98 1.07 0.00	40.06 1.15 0.00	38.36 1.25 0.00	43.87 1.58 0.00	70.20 2.73 0.00	59.58 2.33 0.00	50.58 2.05 0.00	36.63 1.50 0.00	31.57 1.21 0.00	28.70 1.02 0.00	30.57 1.07 -0.09	31.83 1.07 0.00	32.08 1.04 0.00	39.47 1.30 0.00	42.05 1.59 0.00	50.59 1.95 0.00	52.41 2.25 0.00	47.05 2.16 0.00	43.03 2.24 0.00	43.69 2.31 0.00	42.97 2.05 0.00	40.78 1.63 0.00
KCE_NY_1 323755	51.30 1.72 0.00	39.32 1.24 0.00	40.28 1.37 0.00	40.26 1.35 0.00	38.49 1.37 0.00	43.91 1.62 0.00	70.21 2.74 0.00	59.71 2.45 0.00	50.38 1.86 0.00	36.17 1.04 0.00	30.97 0.61 0.00	28.12 0.44 0.00	29.76 0.42 0.07	31.30 0.54 0.00	31.74 0.71 0.00	39.30 1.13 0.00	42.06 1.59 0.00	50.88 2.24 0.00	52.41 2.25 0.00	46.84 1.95 0.00	42.82 2.04 0.00	43.43 2.05 0.00	42.78 1.85 0.00	40.65 1.50 0.00
KCE_NY_6_ESR 323823	49.79 0.20 0.00	38.26 0.19 0.00	38.80 -0.10 0.00	38.66 -0.25 0.00	36.37 -0.75 0.00	41.27 -1.02 0.00	64.92 -2.55 0.00	54.31 -2.94 0.00	45.75 -2.78 0.00	33.57 -1.55 0.00	29.48 -0.88 0.00	27.32 -0.37 0.00	29.26 -0.14 0.00	30.44 -0.31 0.00	30.84 -0.19 0.00	37.66 -0.50 0.00	39.12 -1.35 0.00	46.18 -2.46 0.00	47.50 -2.67 0.00	41.92 -2.46 0.51	36.80 -2.39 1.60	37.03 -2.16 2.20	36.29 -1.38 3.25	37.05 -0.69 1.41
KEDC_PORT_JEFF_GT2 24210	56.03 1.63 -4.82	60.95 1.10 -21.77	51.91 1.20 -11.80	52.37 1.25 -12.21	48.87 1.52 -10.24	45.98 2.32 -1.37	68.89 3.10 1.68	56.16 2.29 3.39	48.93 2.07 1.66	37.29 1.79 -0.37	42.15 1.37 -10.41	28.78 1.10 0.00	30.53 1.04 -0.09	31.55 0.79 0.00	31.25 0.72 0.50	33.86 0.88 5.19	35.53 1.23 6.17	42.22 1.40 7.82	43.42 1.46 8.21	39.32 1.37 6.95	36.51 2.14 6.42	40.02 2.44 3.81	42.16 2.21 0.97	41.06 1.73 -0.18
KEDC_PORT_JEFF_GT3 24211	56.03 1.63 -4.82	60.95 1.10 -21.77	51.91 1.20 -11.80	52.37 1.25 -12.21	48.87 1.52 -10.24	45.98 2.32 -1.37	68.89 3.10 1.68	56.16 2.29 3.39	48.93 2.07 1.66	37.29 1.79 -0.37	42.15 1.37 -10.41	28.78 1.10 0.00	30.53 1.04 -0.09	31.55 0.79 0.00	31.25 0.72 0.50	33.86 0.88 5.19	35.53 1.23 6.17	42.22 1.40 7.82	43.42 1.46 8.21	39.32 1.37 6.95	36.51 2.14 6.42	40.02 2.44 3.81	42.16 2.21 0.97	41.06 1.73 -0.18
KEDC_GLWD_GT4 24219	65.65 1.84 -14.23	82.99 1.40 -43.52	62.51 1.40 -22.21	63.48 1.47 -23.11	57.93 1.61 -19.20	46.77 2.08 -2.39	70.73 3.26 0.00	59.92 2.66 0.00	50.90 2.38 0.00	37.65 1.87 -0.65	49.98 1.49 -18.13	28.93 1.25 0.00	30.77 1.28 -0.09	31.99 1.23 0.00	32.20 1.16 0.00	39.58 1.41 0.00	42.18 1.71 0.00	50.69 2.05 0.00	52.61 2.45 0.00	47.15 2.26 0.00	43.23 2.44 0.00	43.96 2.57 -0.01	43.21 2.28 0.00	42.15 1.88 -1.12
KEDC_GLWD_GT5 24220	65.65 1.84 -14.23	82.99 1.40 -43.52	62.51 1.40 -22.21	63.48 1.47 -23.11	57.93 1.61 -19.20	46.77 2.08 -2.39	70.73 3.26 0.00	59.92 2.66 0.00	50.90 2.38 0.00	37.65 1.87 -0.65	49.98 1.49 -18.13	28.93 1.25 0.00	30.77 1.28 -0.09	31.99 1.23 0.00	32.20 1.16 0.00	39.58 1.41 0.00	42.18 1.71 0.00	50.69 2.05 0.00	52.61 2.45 0.00	47.15 2.26 0.00	43.23 2.44 0.00	43.96 2.57 -0.01	43.21 2.28 0.00	42.15 1.88 -1.12
KENSICO____ 23655	50.96 1.37 0.00	39.13 1.06 0.00	39.92 1.02 0.00	40.01 1.10 0.00	38.32 1.20 0.00	43.83 1.54 0.00	70.12 2.65 0.00	59.49 2.24 0.00	50.50 1.97 0.00	36.57 1.44 0.00	31.53 1.17 0.00	28.66 0.97 0.00	30.53 1.04 -0.09	31.79 1.03 0.00	32.03 1.00 0.00	39.38 1.21 0.00	41.95 1.48 0.00	50.47 1.83 0.00	52.32 2.16 0.00	46.96 2.07 0.00	42.94 2.15 0.00	43.62 2.23 0.00	42.89 1.97 0.00	40.72 1.58 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.31 1.73 0.00	39.36 1.28 0.00	40.15 1.24 0.00	40.22 1.32 0.00	38.49 1.38 0.00	44.01 1.71 0.00	70.48 3.01 0.00	59.84 2.59 0.00	50.77 2.25 0.00	36.72 1.59 0.00	31.57 1.20 0.00	28.55 0.87 0.00	30.33 0.86 -0.06	31.39 0.63 0.00	31.69 0.66 0.00	39.21 1.04 0.00	41.75 1.28 0.00	50.36 1.72 0.00	52.36 2.19 0.00	47.38 2.49 0.00	43.24 2.45 0.00	43.87 2.48 0.00	43.14 2.21 0.00	40.95 1.80 0.00

KIAC_JFK_GT1 23816	50.82 1.23 0.00	37.22 0.97 1.82	28.36 0.82 11.37	28.37 0.91 11.45	37.37 1.02 0.77	43.60 1.32 0.02	69.28 2.32 0.51	59.20 1.95 0.00	50.33 1.80 0.00	36.51 1.39 0.00	31.52 1.16 0.00	28.67 0.99 0.00	30.51 1.01 -0.09	31.76 1.01 0.00	32.00 0.97 0.00	39.34 1.17 0.00	41.88 1.41 0.00	50.35 1.71 0.00	52.24 2.08 0.00	46.91 2.02 0.00	42.88 2.09 0.00	43.54 2.15 0.00	42.79 1.87 0.00	40.59 1.45 0.00
KIAC_JFK_GT2 23817	50.82 1.23 0.00	37.22 0.97 1.82	28.36 0.82 11.37	28.37 0.91 11.45	37.37 1.02 0.77	43.60 1.32 0.02	69.28 2.32 0.51	59.20 1.95 0.00	50.33 1.80 0.00	36.51 1.39 0.00	31.52 1.16 0.00	28.67 0.99 0.00	30.51 1.01 -0.09	31.76 1.01 0.00	32.00 0.97 0.00	39.34 1.17 0.00	41.88 1.41 0.00	50.35 1.71 0.00	52.24 2.08 0.00	46.91 2.02 0.00	42.88 2.09 0.00	43.54 2.15 0.00	42.79 1.87 0.00	40.59 1.45 0.00
KIAC_JFK____ 323774	50.82 1.23 0.00	37.22 0.97 1.82	28.36 0.83 11.37	28.36 0.91 11.45	37.38 1.02 0.77	43.60 1.32 0.02	69.27 2.32 0.51	59.21 1.95 0.00	50.33 1.80 0.00	36.51 1.39 0.00	31.52 1.16 0.00	28.67 0.99 0.00	30.51 1.01 -0.09	31.76 1.01 0.00	32.00 0.97 0.00	39.34 1.17 0.00	41.88 1.41 0.00	50.35 1.71 0.00	52.25 2.08 0.00	46.91 2.02 0.00	42.87 2.08 0.00	43.54 2.15 0.00	42.78 1.85 0.00	40.59 1.45 0.00
KINTIGH__24_KV_GSU 356498	49.41 -0.18 0.00	38.01 -0.06 0.00	38.65 -0.26 0.00	38.50 -0.41 0.00	36.31 -0.81 0.00	41.23 -1.07 0.00	64.96 -2.51 0.00	54.38 -2.87 0.00	45.82 -2.71 0.00	33.55 -1.58 0.00	29.38 -0.99 0.00	27.22 -0.46 0.00	29.13 -0.28 0.00	30.36 -0.40 0.00	30.74 -0.29 0.00	37.55 -0.62 0.00	39.01 -1.46 0.00	46.01 -2.63 0.00	47.39 -2.78 0.00	42.00 -2.50 0.39	37.26 -2.30 1.22	37.61 -2.10 1.68	37.11 -1.34 2.48	37.41 -0.66 1.07
KINTIGH____ 23543	49.38 -0.21 0.00	37.99 -0.08 0.00	38.62 -0.29 0.00	38.47 -0.44 0.00	36.29 -0.83 0.00	41.20 -1.09 0.00	64.93 -2.55 0.00	54.34 -2.92 0.00	45.79 -2.73 0.00	33.54 -1.59 0.00	29.36 -1.00 0.00	27.20 -0.48 0.00	29.10 -0.30 0.00	30.33 -0.43 0.00	30.72 -0.31 0.00	37.54 -0.63 0.00	38.98 -1.48 0.00	45.97 -2.67 0.00	47.35 -2.82 0.00	42.36 -2.53 0.00	38.42 -2.36 0.00	39.24 -2.14 0.00	39.53 -1.39 0.00	38.45 -0.69 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	50.86 1.28 0.00	39.02 0.95 0.00	39.81 0.91 0.00	39.82 0.91 0.00	38.10 0.99 0.00	43.52 1.23 0.00	69.09 1.62 0.00	58.57 1.31 0.00	49.71 1.18 0.00	36.25 1.12 0.00	31.44 1.08 0.00	28.77 1.09 0.00	30.53 1.13 0.00	31.88 1.12 0.00	32.17 1.14 0.00	39.79 1.62 0.00	42.08 1.61 0.00	50.11 1.47 0.00	51.47 1.30 0.00	45.76 0.87 0.00	41.14 0.36 0.00	41.87 0.48 0.00	41.72 0.80 0.00	39.88 0.73 0.00
LACHUTE____HYDRO 323717	54.22 4.63 0.00	41.37 3.30 0.00	42.37 3.46 0.00	42.37 3.47 0.00	40.54 3.43 0.00	46.42 4.13 0.00	74.42 6.96 0.00	63.38 6.13 0.00	52.82 4.30 0.00	37.22 2.10 0.00	31.55 1.19 0.00	28.62 0.94 0.00	30.35 1.01 0.07	32.28 1.52 0.00	32.81 1.78 0.00	41.04 2.87 0.00	44.51 4.04 0.00	54.11 5.47 0.00	55.37 5.21 0.00	49.61 4.72 0.00	45.56 4.78 0.00	46.09 4.70 0.00	45.12 4.20 0.00	42.54 3.40 0.00
LAWRNCV_115KV_TB1 80681	51.17 1.58 0.00	39.29 1.21 0.00	40.14 1.23 0.00	40.08 1.17 0.00	38.18 1.06 0.00	43.47 1.18 0.00	69.39 1.91 0.00	58.89 1.63 0.00	50.03 1.50 0.00	36.34 1.21 0.00	31.48 1.12 0.00	28.69 1.00 0.00	30.36 0.96 0.00	31.71 0.95 0.00	32.06 1.03 0.00	39.55 1.39 0.00	41.84 1.37 0.00	49.98 1.34 0.00	51.38 1.21 0.00	46.02 1.13 0.00	41.63 0.84 0.00	42.28 0.90 0.00	41.90 0.98 0.00	40.05 0.90 0.00
LEDERLE____ 23769	51.12 1.53 0.00	39.24 1.17 0.00	40.01 1.10 0.00	40.09 1.19 0.00	38.43 1.31 0.00	44.16 1.87 0.00	70.84 3.37 0.00	60.13 2.87 0.00	51.01 2.48 0.00	36.76 1.63 0.00	31.65 1.29 0.00	28.78 1.10 0.00	30.70 1.21 -0.09	31.98 1.22 0.00	32.23 1.19 0.00	39.60 1.43 0.00	42.06 1.60 0.00	50.68 2.05 0.00	52.59 2.42 0.00	47.20 2.31 0.00	43.10 2.31 0.00	43.75 2.36 0.00	43.02 2.09 0.00	40.85 1.70 0.00
LIGHTHSE_115KV_TB6 355974	49.77 0.19 0.00	38.16 0.08 0.00	38.98 0.07 0.00	38.95 0.04 0.00	37.09 -0.03 0.00	42.22 -0.07 0.00	67.46 -0.02 0.00	57.26 0.01 0.00	48.41 -0.11 0.00	35.09 -0.04 0.00	30.30 -0.06 0.00	27.46 -0.22 0.00	29.05 -0.35 0.00	30.50 -0.26 0.00	30.83 -0.20 0.00	37.76 -0.41 0.00	39.93 -0.54 0.00	47.96 -0.68 0.00	49.67 -0.50 0.00	44.29 -0.60 0.00	40.05 -0.74 0.00	40.80 -0.59 0.00	40.29 -0.63 0.00	38.58 -0.57 0.00
LINDEN COGEN____ 23786	50.80 1.22 0.00	39.05 0.98 0.00	39.86 0.95 0.00	39.94 1.04 0.00	38.25 1.14 0.00	43.74 1.45 0.00	69.95 2.48 0.00	59.36 2.10 0.00	50.45 1.92 0.00	36.59 1.46 0.00	31.58 1.22 0.00	28.72 1.04 0.00	30.61 1.12 -0.09	31.87 1.11 0.00	32.11 1.07 0.00	39.45 1.28 0.00	41.98 1.51 0.00	50.46 1.82 0.00	52.36 2.20 0.00	46.99 2.10 0.00	42.94 2.15 0.00	43.63 2.25 0.00	42.89 1.97 0.00	40.73 1.59 0.00
LINDHRST_69_KV_BK1 356055	60.65 2.31 -8.75	68.18 1.66 -28.45	55.25 1.67 -14.68	55.87 1.70 -15.26	51.78 1.96 -12.70	46.60 2.70 -1.61	70.94 3.87 0.40	59.52 3.08 0.81	50.89 2.76 0.40	37.84 2.27 -0.44	44.29 1.73 -12.20	29.13 1.45 0.00	30.92 1.42 -0.09	31.99 1.23 0.00	32.02 1.11 0.12	38.25 1.32 1.24	40.67 1.68 1.48	48.82 2.06 1.88	50.76 2.56 1.97	45.55 2.33 1.67	41.97 2.72 1.54	43.44 2.97 0.91	43.34 2.65 0.23	41.96 2.17 -0.64
LIPA_MISC_IPP 23656	55.20 1.61 -4.00	60.08 1.09 -20.92	51.56 1.12 -11.52	52.00 1.19 -11.91	48.57 1.45 -10.01	45.90 2.24 -1.36	68.50 3.10 2.07	55.45 2.38 4.18	48.60 2.13 2.05	37.24 1.74 -0.37	42.00 1.28 -10.36	28.69 1.01 0.00	30.42 0.92 -0.09	31.45 0.69 0.00	31.04 0.63 0.62	32.57 0.81 6.41	34.07 1.21 7.62	40.45 1.53 9.72	41.86 1.90 10.20	37.99 1.74 8.64	35.05 2.24 7.98	39.13 2.47 4.73	41.91 2.19 1.20	40.91 1.70 -0.07
LISF____SOLAR 323691	55.45 1.71 -4.15	60.33 1.17 -21.09	51.70 1.21 -11.59	52.13 1.25 -11.97	48.69 1.51 -10.06	45.98 2.32 -1.36	68.67 3.19 2.00	55.68 2.47 4.05	48.75 2.20 1.98	37.28 1.78 -0.37	42.03 1.29 -10.38	28.69 1.01 0.00	30.42 0.92 -0.09	31.45 0.69 0.00	31.07 0.64 0.60	32.80 0.83 6.19	34.38 1.27 7.36	40.87 1.61 9.38	42.31 1.99 9.85	38.38 1.83 8.34	35.40 2.31 7.70	39.37 2.55 4.57	42.02 2.26 1.16	41.00 1.77 -0.09
LITTLE FALLS____HYD 24013	52.52 2.93 0.00	40.22 2.15 0.00	41.10 2.19 0.00	41.15 2.24 0.00	39.37 2.26 0.00	44.98 2.69 0.00	71.98 4.51 0.00	61.33 4.08 0.00	51.58 3.05 0.00	36.50 1.37 0.00	31.01 0.65 0.00	28.13 0.45 0.00	29.69 0.29 0.00	31.43 0.67 0.00	31.93 0.90 0.00	39.56 1.40 0.00	42.64 2.16 0.00	51.63 2.98 0.00	53.23 3.06 0.00	47.68 2.79 0.00	43.48 2.70 0.00	44.24 2.85 0.00	43.68 2.76 0.00	41.46 2.31 0.00

LITTLRIV_115KV_TB1 356100	51.84 2.25 0.00	39.81 1.74 0.00	40.65 1.74 0.00	40.59 1.69 0.00	38.66 1.54 0.00	44.02 1.73 0.00	70.32 2.85 0.00	59.70 2.44 0.00	50.70 2.18 0.00	36.80 1.68 0.00	31.90 1.54 0.00	28.99 1.31 0.00	30.56 1.15 0.00	31.83 1.07 0.00	32.25 1.22 0.00	39.87 1.70 0.00	42.23 1.76 0.00	50.74 2.10 0.00	52.20 2.04 0.00	46.77 1.87 0.00	42.27 1.48 0.00	42.90 1.52 0.00	42.50 1.57 0.00	40.60 1.46 0.00
LI_NEWBRDGE___DRP 323616	58.71 1.61 -7.52	62.27 1.19 -23.01	51.87 1.22 -11.74	52.40 1.28 -12.22	48.77 1.51 -10.15	45.65 2.10 -1.27	70.51 3.04 0.00	59.66 2.40 0.00	50.69 2.17 0.00	37.26 1.78 -0.35	41.35 1.34 -9.65	28.74 1.06 0.00	30.54 1.04 -0.09	31.64 0.88 0.00	31.82 0.79 0.00	39.09 0.93 0.00	41.71 1.24 0.00	50.09 1.45 0.00	51.98 1.82 0.00	46.58 1.69 0.00	42.86 2.07 0.00	43.63 2.24 0.00	42.88 1.96 0.00	41.31 1.56 -0.60
LOCKPORT_115KV_TB60_63_64 80432	49.43 -0.16 0.00	38.09 0.01 0.00	38.65 -0.26 0.00	38.46 -0.45 0.00	36.22 -0.89 0.00	41.01 -1.28 0.00	64.33 -3.14 0.00	53.67 -3.58 0.00	45.26 -3.26 0.00	33.24 -1.89 0.00	29.11 -1.25 0.00	27.00 -0.68 0.00	28.89 -0.51 0.00	30.06 -0.70 0.00	30.46 -0.57 0.00	37.13 -1.04 0.00	38.49 -1.98 0.00	45.30 -3.34 0.00	46.73 -3.44 0.00	41.80 -3.09 0.00	37.93 -2.86 0.00	38.77 -2.62 0.00	39.20 -1.72 0.00	38.28 -0.87 0.00
LOCKPORT___CC1 323769	49.40 -0.18 0.00	38.06 -0.02 0.00	38.62 -0.28 0.00	38.44 -0.47 0.00	36.19 -0.92 0.00	40.98 -1.31 0.00	64.32 -3.16 0.00	53.67 -3.58 0.00	45.24 -3.29 0.00	33.20 -1.92 0.00	29.12 -1.25 0.00	27.01 -0.67 0.00	28.90 -0.50 0.00	30.08 -0.67 0.00	30.48 -0.55 0.00	37.17 -1.00 0.00	38.52 -1.95 0.00	45.31 -3.33 0.00	46.72 -3.45 0.00	41.40 -3.10 0.40	36.70 -2.84 1.25	37.07 -2.60 1.71	36.70 -1.70 2.53	37.19 -0.87 1.09
LOCKPORT___CC2 323770	49.40 -0.18 0.00	38.06 -0.02 0.00	38.62 -0.28 0.00	38.44 -0.47 0.00	36.19 -0.92 0.00	40.98 -1.31 0.00	64.32 -3.16 0.00	53.67 -3.58 0.00	45.24 -3.29 0.00	33.20 -1.92 0.00	29.12 -1.25 0.00	27.01 -0.67 0.00	28.90 -0.50 0.00	30.08 -0.67 0.00	30.48 -0.55 0.00	37.17 -1.00 0.00	38.52 -1.95 0.00	45.31 -3.33 0.00	46.72 -3.45 0.00	41.40 -3.10 0.40	36.70 -2.84 1.25	37.07 -2.60 1.71	36.70 -1.70 2.53	37.19 -0.87 1.09
LOCKPORT___CC3 323771	49.40 -0.18 0.00	38.06 -0.02 0.00	38.62 -0.28 0.00	38.44 -0.47 0.00	36.19 -0.92 0.00	40.98 -1.31 0.00	64.32 -3.16 0.00	53.67 -3.58 0.00	45.24 -3.29 0.00	33.20 -1.92 0.00	29.12 -1.25 0.00	27.01 -0.67 0.00	28.90 -0.50 0.00	30.08 -0.67 0.00	30.48 -0.55 0.00	37.17 -1.00 0.00	38.52 -1.95 0.00	45.31 -3.33 0.00	46.72 -3.45 0.00	41.40 -3.10 0.40	36.70 -2.84 1.25	37.07 -2.60 1.71	36.70 -1.70 2.53	37.19 -0.87 1.09
LOCUSVLY_69_KV_BK2 55797	64.94 1.84 -13.51	78.90 1.40 -39.43	60.24 1.39 -19.94	61.14 1.47 -20.76	56.00 1.65 -17.23	46.64 2.22 -2.12	71.26 3.34 -0.45	60.87 2.70 -0.91	51.40 2.43 -0.45	37.65 1.95 -0.58	47.98 1.52 -16.10	28.97 1.29 0.00	30.78 1.28 -0.09	31.92 1.16 0.00	32.25 1.09 -0.13	40.87 1.31 -1.40	43.75 1.62 -1.66	52.70 1.95 -2.11	54.72 2.35 -2.21	48.94 2.18 -1.87	44.96 2.44 -1.73	44.99 2.58 -1.03	43.49 2.30 -0.26	42.14 1.87 -1.12
LONG_LAKE_PHOENIX 24014	48.65 -0.94 0.00	37.34 -0.73 0.00	38.12 -0.79 0.00	38.12 -0.78 0.00	36.33 -0.78 0.00	41.43 -0.86 0.00	66.05 -1.42 0.00	56.03 -1.22 0.00	47.45 -1.08 0.00	34.35 -0.78 0.00	29.71 -0.65 0.00	27.06 -0.62 0.00	28.73 -0.68 0.00	30.04 -0.71 0.00	30.29 -0.75 0.00	37.09 -1.08 0.00	39.25 -1.22 0.00	47.31 -1.34 0.00	48.91 -1.26 0.00	43.77 -1.12 0.00	39.75 -1.03 0.00	40.33 -1.05 0.00	39.90 -1.03 0.00	38.30 -0.85 0.00
LOVETT___3 23632	50.80 1.22 0.00	38.99 0.91 0.00	39.76 0.86 0.00	39.85 0.95 0.00	38.17 1.06 0.00	43.65 1.35 0.00	69.90 2.43 0.00	59.32 2.07 0.00	50.33 1.80 0.00	36.42 1.29 0.00	31.39 1.03 0.00	28.55 0.87 0.00	30.42 0.93 -0.09	31.68 0.93 0.00	31.91 0.88 0.00	39.23 1.06 0.00	41.82 1.35 0.00	50.35 1.71 0.00	52.22 2.06 0.00	46.88 1.99 0.00	42.82 2.04 0.00	43.49 2.10 0.00	42.77 1.85 0.00	40.62 1.47 0.00
LOVETT___4 23642	50.80 1.22 0.00	38.99 0.91 0.00	39.76 0.86 0.00	39.85 0.95 0.00	38.17 1.06 0.00	43.65 1.35 0.00	69.90 2.43 0.00	59.32 2.07 0.00	50.33 1.80 0.00	36.42 1.29 0.00	31.39 1.03 0.00	28.55 0.87 0.00	30.42 0.93 -0.09	31.68 0.93 0.00	31.91 0.88 0.00	39.23 1.06 0.00	41.82 1.35 0.00	50.35 1.71 0.00	52.22 2.06 0.00	46.88 1.99 0.00	42.82 2.04 0.00	43.49 2.10 0.00	42.77 1.85 0.00	40.62 1.47 0.00
LOVETT___5 23593	50.80 1.22 0.00	38.99 0.91 0.00	39.76 0.86 0.00	39.85 0.95 0.00	38.17 1.06 0.00	43.65 1.35 0.00	69.90 2.43 0.00	59.32 2.07 0.00	50.33 1.80 0.00	36.42 1.29 0.00	31.39 1.03 0.00	28.55 0.87 0.00	30.42 0.93 -0.09	31.68 0.93 0.00	31.91 0.88 0.00	39.23 1.06 0.00	41.82 1.35 0.00	50.35 1.71 0.00	52.22 2.06 0.00	46.88 1.99 0.00	42.82 2.04 0.00	43.49 2.10 0.00	42.77 1.85 0.00	40.62 1.47 0.00
LOWER RAQUET___HYD 24057	51.35 1.76 0.00	39.44 1.36 0.00	40.27 1.36 0.00	40.22 1.32 0.00	38.31 1.19 0.00	43.62 1.33 0.00	69.64 2.17 0.00	59.12 1.87 0.00	50.21 1.69 0.00	36.48 1.35 0.00	31.60 1.24 0.00	28.76 1.08 0.00	30.42 1.02 0.00	31.75 0.99 0.00	32.12 1.09 0.00	39.66 1.49 0.00	41.94 1.47 0.00	50.08 1.44 0.00	51.44 1.27 0.00	46.11 1.22 0.00	41.71 0.92 0.00	42.39 1.00 0.00	41.99 1.07 0.00	40.12 0.97 0.00
LOWER___HUDSON 24059	50.55 0.96 0.00	38.78 0.71 0.00	39.68 0.77 0.00	39.71 0.81 0.00	38.00 0.88 0.00	43.34 1.05 0.00	69.29 1.82 0.00	58.96 1.70 0.00	49.76 1.23 0.00	35.78 0.65 0.00	30.73 0.37 0.00	27.90 0.22 0.00	29.49 0.17 0.09	31.02 0.27 0.00	31.37 0.34 0.00	38.82 0.65 0.00	41.53 1.06 0.00	50.15 1.51 0.00	51.61 1.44 0.00	46.27 1.38 0.00	42.34 1.55 0.00	42.94 1.56 0.00	42.28 1.36 0.00	40.15 1.00 0.00
LOWVILLE_115KV_TB2 356335	51.69 2.10 0.00	39.61 1.53 0.00	40.47 1.56 0.00	40.44 1.53 0.00	38.50 1.39 0.00	43.76 1.47 0.00	70.11 2.64 0.00	59.58 2.33 0.00	50.29 1.77 0.00	36.47 1.35 0.00	31.37 1.01 0.00	28.38 0.70 0.00	29.88 0.47 0.00	31.40 0.65 0.00	31.85 0.82 0.00	39.17 1.00 0.00	41.51 1.04 0.00	49.80 1.16 0.00	51.53 1.37 0.00	45.59 0.70 0.00	40.66 -0.13 0.00	41.51 0.12 0.00	40.92 -0.01 0.00	38.98 -0.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	51.26 1.67 0.00	39.32 1.24 0.00	40.23 1.33 0.00	40.24 1.33 0.00	38.49 1.37 0.00	43.89 1.60 0.00	70.19 2.72 0.00	59.66 2.41 0.00	50.36 1.84 0.00	36.15 1.02 0.00	30.98 0.62 0.00	28.11 0.43 0.00	29.73 0.40 0.07	31.29 0.53 0.00	31.71 0.68 0.00	39.28 1.11 0.00	42.03 1.56 0.00	50.82 2.18 0.00	52.34 2.17 0.00	46.85 1.96 0.00	42.81 2.03 0.00	43.41 2.02 0.00	42.76 1.83 0.00	40.63 1.48 0.00

LUTHERNY_35_KV_BK2 355980	51.30 1.72 0.00	39.32 1.24 0.00	40.28 1.38 0.00	40.26 1.36 0.00	38.49 1.37 0.00	43.91 1.62 0.00	70.21 2.74 0.00	59.71 2.46 0.00	50.38 1.86 0.00	36.17 1.04 0.00	30.98 0.61 0.00	28.12 0.44 0.00	29.75 0.42 0.07	31.30 0.54 0.00	31.74 0.71 0.00	39.30 1.13 0.00	42.06 1.59 0.00	50.88 2.24 0.00	52.41 2.25 0.00	46.84 1.95 0.00	42.84 2.05 0.00	43.43 2.05 0.00	42.78 1.86 0.00	40.65 1.50 0.00
LWR___OSWEGATCHIE_HYD 23850	51.54 1.95 0.00	39.53 1.45 0.00	40.38 1.47 0.00	40.33 1.42 0.00	38.39 1.27 0.00	43.66 1.37 0.00	69.84 2.37 0.00	59.32 2.07 0.00	50.23 1.71 0.00	36.47 1.35 0.00	31.49 1.13 0.00	28.54 0.86 0.00	30.11 0.71 0.00	31.57 0.82 0.00	31.97 0.94 0.00	39.38 1.22 0.00	41.63 1.16 0.00	49.79 1.15 0.00	51.37 1.20 0.00	45.78 0.89 0.00	41.16 0.38 0.00	41.98 0.60 0.00	41.49 0.57 0.00	39.58 0.43 0.00
LYONS_FALL_HYD 23570	51.31 1.73 0.00	39.34 1.27 0.00	40.19 1.28 0.00	40.18 1.28 0.00	38.28 1.17 0.00	43.57 1.27 0.00	69.76 2.28 0.00	59.23 1.98 0.00	50.05 1.52 0.00	36.25 1.12 0.00	31.21 0.85 0.00	28.26 0.58 0.00	29.85 0.45 0.00	31.34 0.58 0.00	31.76 0.73 0.00	39.06 0.89 0.00	41.41 0.94 0.00	49.75 1.11 0.00	51.45 1.29 0.00	45.69 0.80 0.00	41.02 0.24 0.00	41.77 0.39 0.00	41.21 0.28 0.00	39.29 0.14 0.00
MADISON___COUNTY_LFGE 323628	50.92 1.34 0.00	39.05 0.97 0.00	39.90 0.99 0.00	39.94 1.04 0.00	38.09 0.97 0.00	43.43 1.14 0.00	69.48 2.01 0.00	58.92 1.67 0.00	49.78 1.26 0.00	35.97 0.84 0.00	30.96 0.60 0.00	28.16 0.48 0.00	29.85 0.45 0.00	31.27 0.51 0.00	31.64 0.61 0.00	38.90 0.73 0.00	41.22 0.74 0.00	49.63 0.99 0.00	51.40 1.23 0.00	45.87 0.98 0.00	41.52 0.73 0.00	42.11 0.72 0.00	41.59 0.66 0.00	39.73 0.59 0.00
MALONE___115KV_TB1 356076	51.07 1.48 0.00	39.22 1.14 0.00	40.02 1.11 0.00	40.01 1.10 0.00	38.15 1.04 0.00	43.56 1.27 0.00	69.47 2.00 0.00	58.95 1.69 0.00	50.17 1.64 0.00	36.53 1.41 0.00	31.67 1.30 0.00	28.91 1.23 0.00	30.69 1.29 0.00	32.00 1.24 0.00	32.25 1.21 0.00	39.82 1.65 0.00	42.14 1.67 0.00	50.32 1.68 0.00	51.79 1.63 0.00	46.20 1.31 0.00	41.65 0.86 0.00	42.28 0.89 0.00	42.00 1.08 0.00	40.12 0.97 0.00
MAPLEWOD_115KV_TB3 80458	50.23 0.64 0.00	38.55 0.47 0.00	39.42 0.51 0.00	39.46 0.56 0.00	37.75 0.64 0.00	43.03 0.74 0.00	68.82 1.35 0.00	58.57 1.32 0.00	49.52 0.99 0.00	35.66 0.53 0.00	30.67 0.31 0.00	27.85 0.17 0.00	29.46 0.13 0.07	30.97 0.21 0.00	31.32 0.29 0.00	38.68 0.51 0.00	41.26 0.79 0.00	49.78 1.14 0.00	51.29 1.12 0.00	45.99 1.10 0.00	42.04 1.25 0.00	42.66 1.27 0.00	42.01 1.09 0.00	39.89 0.74 0.00
MAPLE_RIDGE_WT_1 323574	49.70 0.12 0.00	38.17 0.09 0.00	39.00 0.09 0.00	38.92 0.02 0.00	37.05 -0.07 0.00	42.06 -0.23 0.00	67.08 -0.39 0.00	57.05 -0.21 0.00	48.43 -0.10 0.00	35.18 0.06 0.00	30.39 0.03 0.00	27.74 0.06 0.00	29.47 0.07 0.00	30.83 0.07 0.00	31.04 0.01 0.00	38.19 0.02 0.00	40.44 -0.03 0.00	48.51 -0.13 0.00	49.76 -0.40 0.00	44.01 -0.88 0.00	27.96 -1.09 11.73	15.81 -1.17 24.41	39.86 -1.06 0.00	38.10 -1.04 0.00
MAPLE_RIDGE_WT_2 323611	49.70 0.12 0.00	38.17 0.09 0.00	39.00 0.09 0.00	38.92 0.02 0.00	37.05 -0.07 0.00	42.06 -0.23 0.00	67.08 -0.39 0.00	57.05 -0.21 0.00	48.43 -0.10 0.00	35.18 0.06 0.00	30.39 0.03 0.00	27.74 0.06 0.00	29.47 0.07 0.00	30.83 0.07 0.00	31.04 0.01 0.00	38.19 0.02 0.00	40.44 -0.03 0.00	48.51 -0.13 0.00	49.76 -0.40 0.00	44.01 -0.88 0.00	27.96 -1.09 11.73	15.81 -1.17 24.41	39.86 -1.06 0.00	38.10 -1.04 0.00
MARBLE_RIVER_WT_PWR 323696	50.52 0.93 0.00	38.75 0.67 0.00	39.53 0.62 0.00	39.57 0.67 0.00	37.94 0.83 0.00	43.40 1.11 0.00	68.82 1.35 0.00	58.32 1.07 0.00	49.46 0.93 0.00	36.07 0.95 0.00	31.29 0.93 0.00	28.64 0.96 0.00	30.43 1.03 0.00	31.82 1.06 0.00	32.09 1.06 0.00	39.73 1.56 0.00	42.07 1.60 0.00	49.88 1.25 0.00	51.05 0.89 0.00	45.27 0.38 0.00	40.56 -0.22 0.00	41.36 -0.02 0.00	41.37 0.45 0.00	39.56 0.41 0.00
MARSHVLE_115KV_TB1 80742	50.28 0.69 0.00	38.58 0.50 0.00	39.42 0.51 0.00	39.38 0.47 0.00	37.60 0.48 0.00	42.85 0.56 0.00	68.45 0.98 0.00	57.99 0.74 0.00	49.04 0.51 0.00	35.29 0.17 0.00	30.34 -0.03 0.00	27.55 -0.13 0.00	29.38 0.02 0.04	30.89 0.13 0.00	31.17 0.14 0.00	38.41 0.24 0.00	40.84 0.37 0.00	49.20 0.56 0.00	50.76 0.59 0.00	45.37 0.48 0.00	41.06 0.28 0.00	41.62 0.23 0.00	41.24 0.31 0.00	39.43 0.28 0.00
MARSH_HILL_WT_PWR 323713	50.31 0.72 0.00	38.48 0.40 0.00	38.72 -0.18 0.00	38.54 -0.37 0.00	36.30 -0.81 0.00	41.28 -1.01 0.00	65.53 -1.94 0.00	55.19 -2.07 0.00	46.44 -2.09 0.00	33.90 -1.22 0.00	29.68 -0.68 0.00	27.27 -0.41 0.00	29.12 -0.28 0.00	30.37 -0.39 0.00	30.49 -0.55 0.00	37.24 -0.93 0.00	39.10 -1.38 0.00	47.01 -1.63 0.00	48.31 -1.86 0.00	42.67 -2.22 0.00	38.05 -2.74 0.00	38.69 -2.69 0.00	38.64 -2.28 0.00	37.24 -1.90 0.00
MCINTYRE_115KV_TB2 80467	51.91 2.32 0.00	39.88 1.81 0.00	40.73 1.82 0.00	40.66 1.75 0.00	38.71 1.60 0.00	44.08 1.79 0.00	70.42 2.95 0.00	59.78 2.52 0.00	50.78 2.26 0.00	36.86 1.73 0.00	31.97 1.61 0.00	29.04 1.36 0.00	30.59 1.19 0.00	31.85 1.09 0.00	32.28 1.25 0.00	39.94 1.77 0.00	42.28 1.81 0.00	50.99 2.35 0.00	52.53 2.36 0.00	47.00 2.11 0.00	42.47 1.69 0.00	43.09 1.70 0.00	42.67 1.75 0.00	40.80 1.65 0.00
MECO_____69_KV_BK1 80468	51.35 1.76 0.00	39.37 1.30 0.00	40.23 1.32 0.00	40.19 1.29 0.00	38.41 1.29 0.00	43.79 1.50 0.00	70.02 2.55 0.00	59.43 2.17 0.00	50.15 1.63 0.00	35.82 0.70 0.00	30.49 0.12 0.00	27.66 -0.02 0.00	29.35 -0.01 0.04	30.91 0.15 0.00	31.33 0.30 0.00	38.88 0.71 0.00	41.68 1.21 0.00	50.46 1.82 0.00	52.14 1.97 0.00	46.68 1.79 0.00	42.33 1.54 0.00	42.87 1.48 0.00	42.37 1.45 0.00	40.40 1.26 0.00
MENANDS___115KV_TB5 355628	49.91 0.32 0.00	38.32 0.24 0.00	39.18 0.27 0.00	39.24 0.33 0.00	37.54 0.43 0.00	42.79 0.49 0.00	68.43 0.96 0.00	58.24 0.99 0.00	49.25 0.73 0.00	35.48 0.36 0.00	30.54 0.18 0.00	27.74 0.06 0.00	29.35 0.02 0.07	30.85 0.09 0.00	31.19 0.16 0.00	38.47 0.30 0.00	41.03 0.56 0.00	49.48 0.84 0.00	50.96 0.80 0.00	45.70 0.81 0.00	41.81 1.03 0.00	42.43 1.04 0.00	41.78 0.86 0.00	39.65 0.51 0.00
MG INDUSTRY___DRP 24185	50.13 0.54 0.00	38.47 0.40 0.00	39.36 0.46 0.00	39.40 0.49 0.00	37.67 0.55 0.00	42.94 0.64 0.00	68.54 1.07 0.00	58.32 1.07 0.00	49.34 0.82 0.00	35.51 0.38 0.00	30.54 0.17 0.00	27.69 0.01 0.00	29.34 -0.04 0.03	30.81 0.06 0.00	31.22 0.19 0.00	38.44 0.28 0.00	40.97 0.50 0.00	49.46 0.82 0.00	50.98 0.82 0.00	45.72 0.82 0.00	41.77 0.99 0.00	42.39 1.01 0.00	41.78 0.86 0.00	39.75 0.60 0.00

MID___OSWEGATCHIE_HYD 23849	51.54 1.95 0.00	39.53 1.45 0.00	40.38 1.47 0.00	40.33 1.42 0.00	38.39 1.27 0.00	43.66 1.37 0.00	69.84 2.37 0.00	59.32 2.07 0.00	50.23 1.71 0.00	36.47 1.35 0.00	31.49 1.13 0.00	28.54 0.86 0.00	30.11 0.71 0.00	31.57 0.82 0.00	31.97 0.94 0.00	39.38 1.22 0.00	41.63 1.16 0.00	49.79 1.15 0.00	51.37 1.20 0.00	45.78 0.89 0.00	41.16 0.38 0.00	41.98 0.60 0.00	41.49 0.57 0.00	39.58 0.43 0.00
MID___RAQUETTE_HYD 23851	51.35 1.77 0.00	39.44 1.36 0.00	40.27 1.37 0.00	40.22 1.32 0.00	38.31 1.19 0.00	43.62 1.33 0.00	69.65 2.17 0.00	59.12 1.87 0.00	50.21 1.69 0.00	36.48 1.35 0.00	31.60 1.24 0.00	28.76 1.08 0.00	30.42 1.02 0.00	31.75 0.99 0.00	32.12 1.09 0.00	39.66 1.49 0.00	41.94 1.47 0.00	50.08 1.44 0.00	51.44 1.27 0.00	46.11 1.22 0.00	41.71 0.92 0.00	42.39 1.00 0.00	41.99 1.07 0.00	40.12 0.97 0.00
MILLIKEN___1 23584	50.30 0.71 0.00	38.57 0.50 0.00	39.37 0.46 0.00	39.31 0.41 0.00	37.51 0.39 0.00	42.82 0.53 0.00	68.39 0.91 0.00	57.85 0.59 0.00	48.87 0.35 0.00	35.33 0.20 0.00	30.50 0.13 0.00	27.87 0.19 0.00	29.67 0.27 0.00	30.95 0.19 0.00	31.08 0.05 0.00	38.19 0.02 0.00	40.38 -0.09 0.00	48.80 0.15 0.00	50.60 0.43 0.00	45.28 0.39 0.00	40.99 0.21 0.00	41.57 0.18 0.00	41.13 0.20 0.00	39.41 0.26 0.00
MILLIKEN___2 23585	50.30 0.71 0.00	38.57 0.50 0.00	39.37 0.46 0.00	39.31 0.41 0.00	37.51 0.39 0.00	42.82 0.53 0.00	68.39 0.91 0.00	57.85 0.59 0.00	48.87 0.35 0.00	35.33 0.20 0.00	30.50 0.13 0.00	27.87 0.19 0.00	29.67 0.27 0.00	30.95 0.19 0.00	31.08 0.05 0.00	38.19 0.02 0.00	40.38 -0.09 0.00	48.80 0.15 0.00	50.60 0.43 0.00	45.28 0.39 0.00	40.99 0.21 0.00	41.57 0.18 0.00	41.13 0.20 0.00	39.41 0.26 0.00
MILLIKEN___DIESEL 23629	50.30 0.71 0.00	38.57 0.50 0.00	39.37 0.46 0.00	39.31 0.41 0.00	37.51 0.39 0.00	42.82 0.53 0.00	68.39 0.91 0.00	57.85 0.59 0.00	48.87 0.35 0.00	35.33 0.20 0.00	30.50 0.13 0.00	27.87 0.19 0.00	29.67 0.27 0.00	30.95 0.19 0.00	31.08 0.05 0.00	38.19 0.02 0.00	40.38 -0.09 0.00	48.80 0.15 0.00	50.60 0.43 0.00	45.28 0.39 0.00	40.99 0.21 0.00	41.57 0.18 0.00	41.13 0.20 0.00	39.41 0.26 0.00
MILLSEAT___LFGE 323607	50.15 0.56 0.00	38.59 0.51 0.00	39.18 0.27 0.00	39.02 0.11 0.00	36.79 -0.32 0.00	41.73 -0.56 0.00	65.72 -1.76 0.00	55.00 -2.25 0.00	46.40 -2.13 0.00	33.91 -1.22 0.00	29.64 -0.72 0.00	27.30 -0.38 0.00	29.12 -0.29 0.00	30.27 -0.49 0.00	30.62 -0.41 0.00	37.32 -0.85 0.00	38.92 -1.55 0.00	46.40 -2.25 0.00	48.02 -2.14 0.00	42.62 -1.91 0.36	37.88 -1.79 1.12	38.22 -1.62 1.54	37.79 -0.87 2.27	37.96 -0.21 0.99
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.85 1.26 0.00	39.04 0.96 0.00	39.83 0.92 0.00	39.91 1.01 0.00	38.23 1.12 0.00	43.73 1.44 0.00	69.99 2.52 0.00	59.38 2.13 0.00	50.39 1.86 0.00	36.49 1.37 0.00	31.46 1.10 0.00	28.60 0.92 0.00	30.47 0.98 -0.09	31.74 0.98 0.00	31.97 0.94 0.00	39.31 1.14 0.00	41.88 1.41 0.00	50.40 1.76 0.00	52.24 2.08 0.00	46.90 2.01 0.00	42.88 2.10 0.00	43.55 2.16 0.00	42.82 1.89 0.00	40.67 1.52 0.00
MILLWOOD_13_KV_LOAD 356217	50.97 1.38 0.00	39.13 1.06 0.00	39.91 1.01 0.00	40.00 1.10 0.00	38.32 1.20 0.00	43.83 1.54 0.00	70.14 2.67 0.00	59.53 2.27 0.00	50.51 1.99 0.00	36.58 1.45 0.00	31.54 1.18 0.00	28.67 0.99 0.00	30.53 1.04 -0.09	31.81 1.05 0.00	32.04 1.00 0.00	39.41 1.24 0.00	41.99 1.52 0.00	50.52 1.88 0.00	52.38 2.21 0.00	47.02 2.13 0.00	42.97 2.19 0.00	43.64 2.25 0.00	42.93 2.01 0.00	40.75 1.60 0.00
MODEL_CITY_ENERGY 24167	49.03 -0.56 0.00	37.82 -0.26 0.00	38.38 -0.53 0.00	38.19 -0.72 0.00	35.96 -1.16 0.00	40.68 -1.61 0.00	63.75 -3.72 0.00	53.12 -4.13 0.00	44.80 -3.72 0.00	32.90 -2.22 0.00	28.86 -1.50 0.00	26.79 -0.89 0.00	28.68 -0.73 0.00	29.84 -0.92 0.00	30.25 -0.78 0.00	36.86 -1.31 0.00	38.16 -2.32 0.00	44.82 -3.82 0.00	46.19 -3.97 0.00	40.89 -3.57 0.43	36.20 -3.24 1.34	36.52 -3.02 1.84	36.15 -2.06 2.71	36.78 -1.19 1.18
MODERN_LFGE___ 323580	49.03 -0.56 0.00	37.82 -0.26 0.00	38.38 -0.53 0.00	38.19 -0.72 0.00	35.96 -1.16 0.00	40.68 -1.61 0.00	63.75 -3.72 0.00	53.12 -4.13 0.00	44.80 -3.72 0.00	32.90 -2.22 0.00	28.86 -1.50 0.00	26.79 -0.89 0.00	28.68 -0.73 0.00	29.84 -0.92 0.00	30.25 -0.78 0.00	36.86 -1.31 0.00	38.16 -2.32 0.00	44.82 -3.82 0.00	46.19 -3.97 0.00	40.89 -3.57 0.43	36.20 -3.24 1.34	36.52 -3.02 1.84	36.15 -2.06 2.71	36.78 -1.19 1.18
MOHAWK_PAPER___DRP 24187	50.23 0.64 0.00	38.55 0.47 0.00	39.42 0.51 0.00	39.46 0.56 0.00	37.75 0.64 0.00	43.03 0.74 0.00	68.82 1.35 0.00	58.57 1.32 0.00	49.52 0.99 0.00	35.66 0.53 0.00	30.67 0.31 0.00	27.85 0.17 0.00	29.46 0.13 0.07	30.97 0.21 0.00	31.32 0.29 0.00	38.68 0.51 0.00	41.26 0.79 0.00	49.78 1.14 0.00	51.29 1.12 0.00	45.99 1.10 0.00	42.04 1.25 0.00	42.66 1.27 0.00	42.01 1.09 0.00	39.89 0.74 0.00
MOHICAN___35_KV_115KV_LD 80490	51.64 2.05 0.00	39.55 1.48 0.00	40.52 1.62 0.00	40.53 1.62 0.00	38.76 1.65 0.00	44.21 1.92 0.00	70.72 3.25 0.00	60.18 2.92 0.00	50.67 2.14 0.00	36.22 1.10 0.00	30.91 0.55 0.00	28.02 0.34 0.00	29.62 0.29 0.07	31.25 0.49 0.00	31.73 0.69 0.00	39.39 1.22 0.00	42.33 1.86 0.00	51.30 2.66 0.00	52.75 2.59 0.00	47.23 2.34 0.00	43.21 2.42 0.00	43.76 2.38 0.00	43.05 2.13 0.00	40.82 1.67 0.00
MONGAUP___HYD 23641	51.44 1.85 0.00	39.44 1.37 0.00	40.23 1.32 0.00	40.29 1.39 0.00	38.56 1.44 0.00	44.14 1.85 0.00	70.71 3.24 0.00	60.03 2.77 0.00	50.87 2.34 0.00	36.66 1.53 0.00	31.40 1.04 0.00	28.38 0.70 0.00	30.23 0.75 -0.08	31.56 0.80 0.00	32.01 0.98 0.00	39.45 1.28 0.00	41.87 1.40 0.00	50.63 1.99 0.00	52.79 2.62 0.00	47.44 2.55 0.00	43.26 2.47 0.00	43.88 2.49 0.00	43.15 2.22 0.00	41.01 1.86 0.00
MONTAUK___DIESEL 23721	56.75 3.10 -4.06	61.08 2.01 -20.99	52.16 1.70 -11.55	52.71 1.87 -11.93	49.34 2.20 -10.03	46.86 3.21 -1.36	70.24 4.81 2.04	57.08 3.95 4.12	50.09 3.58 2.02	38.23 2.74 -0.37	42.84 2.11 -10.37	29.45 1.77 0.00	31.21 1.71 -0.09	32.28 1.53 0.00	31.93 1.51 0.61	33.83 1.98 6.32	35.53 2.56 7.50	42.33 3.26 9.57	43.92 3.80 10.04	39.84 3.45 8.50	36.68 3.74 7.85	40.63 3.90 4.65	43.26 3.52 1.18	42.10 2.87 -0.07
MOONROAD_115KV_HARTFLD_TB1-2 355988	48.58 -1.01 0.00	37.61 -0.46 0.00	38.11 -0.79 0.00	38.06 -0.85 0.00	35.25 -1.86 0.00	40.15 -2.14 0.00	62.69 -4.78 0.00	52.03 -5.23 0.00	44.14 -4.39 0.00	32.31 -2.81 0.00	28.61 -1.75 0.00	26.66 -1.02 0.00	28.84 -0.56 0.00	30.33 -0.43 0.00	30.85 -0.18 0.00	37.65 -0.51 0.00	39.30 -1.17 0.00	46.75 -1.89 0.00	47.65 -2.52 0.00	41.67 -3.22 0.00	37.29 -3.49 0.00	38.08 -3.30 0.00	37.99 -2.93 0.00	36.87 -2.28 0.00

MORRIS_RIDGE___SOLAR 323848	49.81 0.23 0.00	38.18 0.10 0.00	38.56 -0.35 0.00	38.48 -0.43 0.00	36.25 -0.86 0.00	41.18 -1.11 0.00	65.16 -2.31 0.00	54.78 -2.47 0.00	46.21 -2.32 0.00	33.71 -1.42 0.00	29.51 -0.85 0.00	27.07 -0.61 0.00	28.86 -0.54 0.00	30.10 -0.65 0.00	30.27 -0.76 0.00	36.97 -1.20 0.00	38.79 -1.68 0.00	46.64 -2.01 0.00	48.03 -2.14 0.00	42.68 -2.21 0.00	38.29 -2.50 0.00	38.97 -2.41 0.00	39.04 -1.88 0.00	37.73 -1.42 0.00
MORTIMER_115KV_TB3 55949	49.68 0.09 0.00	38.16 0.09 0.00	38.86 -0.05 0.00	38.76 -0.15 0.00	36.74 -0.37 0.00	41.82 -0.47 0.00	66.35 -1.12 0.00	56.00 -1.26 0.00	47.28 -1.24 0.00	34.44 -0.68 0.00	29.93 -0.42 0.00	27.48 -0.20 0.00	29.29 -0.11 0.00	30.57 -0.19 0.00	30.84 -0.19 0.00	37.77 -0.40 0.00	39.68 -0.80 0.00	47.45 -1.19 0.00	49.04 -1.12 0.00	43.88 -1.01 0.00	39.79 -1.00 0.00	40.45 -0.93 0.00	40.35 -0.57 0.00	38.95 -0.20 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.06 1.48 0.00	39.25 1.17 0.00	40.07 1.16 0.00	40.15 1.24 0.00	38.45 1.34 0.00	43.97 1.67 0.00	70.28 2.80 0.00	59.63 2.37 0.00	50.65 2.12 0.00	36.73 1.60 0.00	31.69 1.33 0.00	28.81 1.13 0.00	30.70 1.21 -0.09	31.97 1.21 0.00	32.21 1.17 0.00	39.59 1.42 0.00	42.15 1.68 0.00	50.65 2.01 0.00	52.51 2.35 0.00	47.13 2.24 0.00	43.10 2.31 0.00	43.80 2.41 0.00	43.05 2.13 0.00	40.88 1.74 0.00
MUNSVILLE_WIND_PWR 323609	52.82 3.24 0.00	40.43 2.36 0.00	41.24 2.33 0.00	41.24 2.34 0.00	39.32 2.21 0.00	44.84 2.55 0.00	71.89 4.41 0.00	61.03 3.77 0.00	51.38 2.85 0.00	36.71 1.58 0.00	31.65 1.29 0.00	28.93 1.26 0.00	30.78 1.38 0.00	32.19 1.43 0.00	32.38 1.35 0.00	39.76 1.60 0.00	42.01 1.54 0.00	51.14 2.50 0.00	52.88 2.71 0.00	47.01 2.00 -0.12	42.53 1.35 -0.39	42.94 1.01 -0.54	42.63 0.91 -0.79	40.51 1.02 -0.34
N SALMON___HYD 24042	51.07 1.48 0.00	39.22 1.14 0.00	40.02 1.11 0.00	40.01 1.10 0.00	38.15 1.04 0.00	43.56 1.27 0.00	69.47 2.00 0.00	58.95 1.69 0.00	50.17 1.64 0.00	36.53 1.41 0.00	31.66 1.30 0.00	28.91 1.23 0.00	30.69 1.29 0.00	32.00 1.24 0.00	32.25 1.21 0.00	39.82 1.65 0.00	42.14 1.67 0.00	50.32 1.68 0.00	51.79 1.63 0.00	46.20 1.31 0.00	41.65 0.86 0.00	42.28 0.89 0.00	42.00 1.07 0.00	40.12 0.97 0.00
N.AKRON___115KV_KNAPP 355671	50.00 0.41 0.00	38.49 0.42 0.00	39.07 0.16 0.00	38.89 -0.01 0.00	36.66 -0.46 0.00	41.56 -0.74 0.00	65.33 -2.14 0.00	54.63 -2.62 0.00	46.08 -2.45 0.00	33.75 -1.38 0.00	29.50 -0.86 0.00	27.25 -0.43 0.00	29.10 -0.31 0.00	30.26 -0.50 0.00	30.63 -0.41 0.00	37.34 -0.83 0.00	38.89 -1.58 0.00	46.08 -2.56 0.00	47.64 -2.52 0.00	42.62 -2.27 0.00	38.66 -2.12 0.00	39.46 -1.93 0.00	39.80 -1.12 0.00	38.77 -0.38 0.00
N.E_GEN_SANDY PD 24062	51.92 0.71 -1.62	38.60 0.53 0.00	39.48 0.57 0.00	39.54 0.64 0.00	37.86 0.74 0.00	50.13 0.94 -6.90	67.97 1.69 1.20	60.00 1.57 -1.18	47.36 1.15 2.32	34.81 0.65 0.96	30.77 0.41 0.00	27.94 0.26 0.00	28.81 0.23 0.83	31.05 0.30 0.00	30.47 0.31 0.88	37.95 0.58 0.81	42.10 0.97 -0.66	50.03 1.35 -0.04	50.32 1.33 1.18	46.15 1.32 0.07	43.38 1.57 -1.02	43.00 1.61 0.00	42.47 1.38 -0.16	39.43 0.97 0.69
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.86 1.27 0.00	39.01 0.94 0.00	39.78 0.87 0.00	39.88 0.97 0.00	38.20 1.09 0.00	43.72 1.43 0.00	70.08 2.61 0.00	59.45 2.20 0.00	50.45 1.92 0.00	36.50 1.38 0.00	31.46 1.10 0.00	28.61 0.93 0.00	30.50 1.02 -0.09	31.78 1.02 0.00	32.01 0.97 0.00	39.34 1.17 0.00	41.88 1.41 0.00	50.45 1.81 0.00	52.34 2.18 0.00	46.98 2.09 0.00	42.91 2.12 0.00	43.56 2.17 0.00	42.85 1.93 0.00	40.69 1.54 0.00
N.QUEENS_27_KV_LOAD 356247	50.94 1.35 0.00	37.39 1.14 1.82	28.62 1.08 11.36	28.62 1.16 11.44	37.61 1.26 0.76	43.83 1.55 0.01	69.70 2.74 0.52	59.55 2.31 0.01	50.65 2.12 0.00	36.73 1.60 0.00	31.72 1.36 0.00	28.77 1.09 0.00	30.69 1.19 -0.09	31.94 1.18 0.00	32.17 1.14 0.00	39.54 1.37 0.00	42.06 1.59 0.00	50.53 1.89 0.00	52.47 2.30 0.00	47.08 2.19 0.00	43.05 2.27 0.00	43.77 2.39 0.00	43.00 2.08 0.00	40.85 1.70 0.00
N.TROY___115KV_TB1 355778	50.55 0.96 0.00	38.78 0.71 0.00	39.68 0.77 0.00	39.71 0.80 0.00	38.00 0.88 0.00	43.34 1.05 0.00	69.29 1.82 0.00	58.96 1.70 0.00	49.76 1.23 0.00	35.78 0.65 0.00	30.73 0.37 0.00	27.90 0.22 0.00	29.49 0.17 0.09	31.02 0.26 0.00	31.38 0.34 0.00	38.82 0.65 0.00	41.53 1.06 0.00	50.15 1.51 0.00	51.61 1.44 0.00	46.27 1.38 0.00	42.34 1.55 0.00	42.94 1.56 0.00	42.29 1.36 0.00	40.15 1.00 0.00
NARROWS_GT1_1 24228	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT1_2 24229	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT1_3 24230	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT1_4 24231	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT1_5 24232	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00

NARROWS_GT1_6 24233	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT1_7 24234	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT1_8 24235	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT2_1 24236	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT2_2 24237	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT2_3 24238	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT2_4 24239	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT2_5 24240	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT2_6 24241	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT2_7 24242	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NARROWS_GT2_8 24243	51.16 1.57 0.00	39.44 1.36 0.00	40.21 1.30 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.76 0.00	70.46 2.99 0.00	59.75 2.50 0.00	50.81 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.17 2.38 0.00	43.91 2.53 0.00	43.13 2.21 0.00	41.03 1.88 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	50.73 1.14 0.00	38.93 0.85 0.00	39.81 0.90 0.00	39.84 0.93 0.00	38.12 1.01 0.00	44.06 1.77 0.00	70.45 2.98 0.00	60.13 2.88 0.00	50.88 2.35 0.00	36.45 1.32 0.00	31.16 0.80 0.00	28.02 0.34 0.00	29.63 0.22 0.00	31.07 0.31 0.00	31.59 0.56 0.00	38.64 0.47 0.00	41.42 0.95 0.00	50.20 1.55 0.00	51.89 1.72 0.00	46.49 1.61 0.00	42.45 1.67 0.00	43.04 1.65 0.00	42.34 1.42 0.00	40.20 1.05 0.00
NCHELSEA_115KV_TR2 355582	51.23 1.64 0.00	39.31 1.24 0.00	40.13 1.22 0.00	40.20 1.29 0.00	38.49 1.38 0.00	44.00 1.71 0.00	70.44 2.97 0.00	59.82 2.57 0.00	50.74 2.21 0.00	36.69 1.56 0.00	31.59 1.23 0.00	28.69 1.01 0.00	30.53 1.05 -0.08	31.82 1.06 0.00	32.11 1.08 0.00	39.55 1.39 0.00	42.16 1.69 0.00	50.79 2.14 0.00	52.63 2.47 0.00	47.26 2.37 0.00	43.18 2.40 0.00	43.83 2.44 0.00	43.10 2.17 0.00	40.90 1.75 0.00
NEG CAPITAL___MECHNVIL 23645	51.31 1.72 0.00	39.35 1.28 0.00	40.27 1.36 0.00	40.28 1.37 0.00	38.52 1.41 0.00	43.93 1.64 0.00	70.26 2.79 0.00	59.76 2.51 0.00	50.44 1.91 0.00	36.21 1.09 0.00	31.04 0.68 0.00	28.16 0.48 0.00	29.78 0.45 0.08	31.35 0.59 0.00	31.77 0.73 0.00	39.34 1.17 0.00	42.12 1.65 0.00	50.91 2.27 0.00	52.43 2.27 0.00	46.93 2.04 0.00	42.90 2.11 0.00	43.49 2.11 0.00	42.83 1.91 0.00	40.67 1.52 0.00
NEG CENTRAL_HIGH_ACRES 23767	48.56 -1.02 0.00	37.29 -0.78 0.00	38.00 -0.90 0.00	37.93 -0.98 0.00	36.00 -1.12 0.00	40.98 -1.32 0.00	65.15 -2.32 0.00	55.07 -2.19 0.00	46.56 -1.97 0.00	33.84 -1.29 0.00	29.38 -0.98 0.00	26.95 -0.73 0.00	28.68 -0.72 0.00	29.94 -0.82 0.00	30.16 -0.87 0.00	36.94 -1.23 0.00	38.89 -1.58 0.00	46.70 -1.94 0.00	48.25 -1.92 0.00	43.02 -1.75 0.12	38.76 -1.64 0.38	39.21 -1.65 0.53	38.76 -1.38 0.78	37.77 -1.05 0.34



NEG CENTRAL___DRP 24199	49.71 0.13 0.00	38.19 0.12 0.00	38.94 0.03 0.00	38.89 -0.02 0.00	37.01 -0.10 0.00	42.20 -0.09 0.00	67.20 -0.27 0.00	56.80 -0.45 0.00	47.99 -0.54 0.00	34.86 -0.26 0.00	30.23 -0.13 0.00	27.65 -0.03 0.00	29.35 -0.05 0.00	30.65 -0.11 0.00	30.84 -0.19 0.00	37.76 -0.41 0.00	39.79 -0.68 0.00	48.04 -0.60 0.00	49.72 -0.45 0.00	44.48 -0.41 0.00	40.24 -0.55 0.00	40.85 -0.54 0.00	40.50 -0.42 0.00	38.90 -0.24 0.00
NEG CENTRAL___INDECK 23768	51.46 1.87 0.00	39.42 1.35 0.00	39.94 1.03 0.00	39.81 0.91 0.00	37.64 0.52 0.00	42.85 0.56 0.00	68.10 0.62 0.00	57.55 0.29 0.00	48.58 0.06 0.00	35.36 0.23 0.00	30.74 0.37 0.00	27.87 0.19 0.00	29.69 0.28 0.00	30.96 0.20 0.00	31.17 0.14 0.00	38.16 -0.01 0.00	40.19 -0.28 0.00	48.39 -0.25 0.00	50.49 0.33 0.00	45.09 0.20 0.00	40.53 -0.26 0.00	41.16 -0.22 0.00	41.08 0.15 0.00	39.58 0.43 0.00
NEG CENTRAL___SENECA 23627	49.86 0.27 0.00	38.33 0.26 0.00	39.04 0.13 0.00	39.00 0.09 0.00	37.05 -0.06 0.00	42.25 -0.04 0.00	67.16 -0.31 0.00	56.75 -0.50 0.00	47.93 -0.60 0.00	34.88 -0.25 0.00	30.28 -0.08 0.00	27.74 0.06 0.00	29.45 0.05 0.00	30.73 -0.03 0.00	30.91 -0.12 0.00	37.81 -0.36 0.00	39.80 -0.67 0.00	48.00 -0.64 0.00	49.70 -0.46 0.00	44.45 -0.44 0.00	40.16 -0.62 0.00	40.79 -0.60 0.00	40.46 -0.46 0.00	38.92 -0.23 0.00
NEG CENTRAL___STATE_STREET 24147	49.81 0.23 0.00	38.24 0.17 0.00	39.04 0.14 0.00	38.89 -0.02 0.00	37.16 0.04 0.00	42.40 0.11 0.00	67.69 0.22 0.00	57.12 -0.13 0.00	48.26 -0.27 0.00	35.05 -0.08 0.00	30.33 -0.03 0.00	27.63 -0.05 0.00	29.36 -0.04 0.00	30.70 -0.05 0.00	30.89 -0.15 0.00	37.89 -0.28 0.00	40.01 -0.46 0.00	48.38 -0.26 0.00	50.02 -0.15 0.00	44.78 -0.11 0.00	40.48 -0.31 0.00	41.15 -0.24 0.00	40.78 -0.14 0.00	39.06 -0.09 0.00
NEG MILLWOOD___DRP 24198	51.27 1.68 0.00	39.35 1.28 0.00	40.17 1.26 0.00	40.24 1.34 0.00	38.53 1.41 0.00	44.04 1.75 0.00	70.50 3.02 0.00	59.88 2.62 0.00	50.81 2.29 0.00	36.77 1.65 0.00	31.68 1.32 0.00	28.79 1.11 0.00	30.63 1.15 -0.08	31.92 1.16 0.00	32.19 1.15 0.00	39.62 1.45 0.00	42.24 1.77 0.00	50.85 2.21 0.00	52.68 2.52 0.00	47.29 2.40 0.00	43.24 2.45 0.00	43.88 2.50 0.00	43.15 2.22 0.00	40.95 1.80 0.00
NEG NORTH_FLCN_SEA 23793	50.64 1.06 0.00	38.84 0.77 0.00	39.64 0.73 0.00	39.66 0.75 0.00	37.97 0.86 0.00	43.37 1.07 0.00	68.67 1.20 0.00	58.17 0.91 0.00	49.31 0.79 0.00	36.03 0.90 0.00	31.25 0.89 0.00	28.61 0.93 0.00	30.39 0.99 0.00	31.78 1.02 0.00	32.05 1.02 0.00	39.68 1.52 0.00	42.02 1.55 0.00	49.76 1.12 0.00	51.01 0.85 0.00	45.33 0.44 0.00	40.73 -0.05 0.00	41.55 0.16 0.00	41.46 0.54 0.00	39.64 0.49 0.00
NEG NORTH_KES_CHATEGAY 23792	50.25 0.66 0.00	38.59 0.51 0.00	39.40 0.49 0.00	39.39 0.48 0.00	37.58 0.47 0.00	42.93 0.64 0.00	68.36 0.89 0.00	57.96 0.70 0.00	49.29 0.76 0.00	35.88 0.76 0.00	31.10 0.74 0.00	28.41 0.73 0.00	30.19 0.79 0.00	31.51 0.75 0.00	31.78 0.75 0.00	39.25 1.08 0.00	41.54 1.07 0.00	49.60 0.96 0.00	51.07 0.90 0.00	45.48 0.59 0.00	40.98 0.19 0.00	41.60 0.21 0.00	41.38 0.46 0.00	39.57 0.42 0.00
NEG NORTH___ALICE_FALLS 23915	50.86 1.28 0.00	39.02 0.95 0.00	39.81 0.91 0.00	39.82 0.91 0.00	38.10 0.99 0.00	43.52 1.23 0.00	69.09 1.62 0.00	58.57 1.31 0.00	49.71 1.18 0.00	36.25 1.12 0.00	31.44 1.08 0.00	28.77 1.09 0.00	30.53 1.13 0.00	31.88 1.12 0.00	32.17 1.14 0.00	39.79 1.62 0.00	42.08 1.61 0.00	50.11 1.47 0.00	51.47 1.30 0.00	45.76 0.87 0.00	41.14 0.36 0.00	41.87 0.48 0.00	41.72 0.80 0.00	39.88 0.73 0.00
NEG NORTH___LWR_SARANAC 23913	50.86 1.28 0.00	39.02 0.95 0.00	39.81 0.91 0.00	39.82 0.91 0.00	38.10 0.99 0.00	43.52 1.23 0.00	69.09 1.62 0.00	58.57 1.31 0.00	49.71 1.18 0.00	36.25 1.12 0.00	31.44 1.08 0.00	28.77 1.09 0.00	30.53 1.13 0.00	31.88 1.12 0.00	32.17 1.14 0.00	39.79 1.62 0.00	42.08 1.61 0.00	50.11 1.47 0.00	51.47 1.30 0.00	45.76 0.87 0.00	41.14 0.36 0.00	41.87 0.48 0.00	41.72 0.80 0.00	39.88 0.73 0.00
NEG NORTH___PLATTSBURG 23628	50.86 1.28 0.00	39.02 0.95 0.00	39.81 0.91 0.00	39.82 0.91 0.00	38.10 0.99 0.00	43.52 1.23 0.00	69.09 1.61 0.00	58.57 1.31 0.00	49.71 1.18 0.00	36.25 1.12 0.00	31.43 1.07 0.00	28.77 1.09 0.00	30.53 1.13 0.00	31.88 1.12 0.00	32.17 1.14 0.00	39.79 1.62 0.00	42.07 1.61 0.00	50.11 1.47 0.00	51.47 1.30 0.00	45.76 0.87 0.00	41.14 0.36 0.00	41.87 0.48 0.00	41.72 0.80 0.00	39.88 0.73 0.00
NEG WEST_LEA_LOCKPORT 23791	49.41 -0.17 0.00	38.06 -0.01 0.00	38.63 -0.28 0.00	38.44 -0.47 0.00	36.20 -0.92 0.00	40.99 -1.30 0.00	64.31 -3.16 0.00	53.67 -3.58 0.00	45.25 -3.28 0.00	33.22 -1.90 0.00	29.12 -1.24 0.00	27.01 -0.67 0.00	28.90 -0.50 0.00	30.08 -0.68 0.00	30.49 -0.54 0.00	37.17 -0.99 0.00	38.53 -1.94 0.00	45.31 -3.33 0.00	46.72 -3.44 0.00	41.80 -3.09 0.00	37.90 -2.88 0.00	38.76 -2.63 0.00	39.20 -1.73 0.00	38.27 -0.88 0.00
NEG WEST___LANCASTR 23811	49.40 -0.19 0.00	37.92 -0.16 0.00	38.49 -0.41 0.00	38.37 -0.54 0.00	36.17 -0.94 0.00	41.19 -1.11 0.00	64.90 -2.57 0.00	54.27 -2.98 0.00	45.64 -2.89 0.00	33.47 -1.66 0.00	29.38 -0.98 0.00	27.22 -0.46 0.00	29.13 -0.28 0.00	30.37 -0.39 0.00	30.75 -0.29 0.00	37.52 -0.65 0.00	39.00 -1.47 0.00	46.14 -2.50 0.00	47.47 -2.70 0.00	42.49 -2.40 0.00	38.40 -2.38 0.00	39.28 -2.11 0.00	39.47 -1.45 0.00	38.35 -0.80 0.00
NEG_PENN_ALLEGHNY 23528	50.10 0.51 0.00	38.38 0.30 0.00	39.15 0.24 0.00	39.17 0.26 0.00	37.31 0.20 0.00	42.66 0.37 0.00	68.06 0.59 0.00	57.47 0.22 0.00	48.58 0.05 0.00	35.15 0.02 0.00	30.54 0.18 0.00	27.91 0.23 0.00	29.70 0.29 0.00	31.05 0.29 0.00	31.27 0.23 0.00	38.34 0.17 0.00	40.51 0.04 0.00	48.74 0.10 0.00	50.26 0.09 0.00	45.12 0.09 -0.14	41.17 -0.05 -0.44	41.94 -0.04 -0.60	41.83 0.02 -0.89	39.62 0.09 -0.38
NEG___GEN_MONROE 24207	50.19 0.60 0.00	38.61 0.54 0.00	39.27 0.36 0.00	39.17 0.26 0.00	37.09 -0.02 0.00	42.31 0.01 0.00	66.91 -0.56 0.00	56.19 -1.06 0.00	47.42 -1.11 0.00	34.54 -0.58 0.00	30.03 -0.33 0.00	27.54 -0.14 0.00	29.35 -0.05 0.00	30.61 -0.15 0.00	30.93 -0.11 0.00	37.81 -0.35 0.00	39.66 -0.81 0.00	47.50 -1.15 0.00	49.18 -0.98 0.00	44.02 -0.87 0.00	39.90 -0.88 0.00	40.58 -0.81 0.00	40.53 -0.39 0.00	39.17 0.03 0.00
NEPA___ENERGY 23901	49.40 -0.19 0.00	37.89 -0.18 0.00	38.47 -0.44 0.00	38.43 -0.48 0.00	36.21 -0.91 0.00	41.42 -0.87 0.00	65.49 -1.99 0.00	54.61 -2.65 0.00	46.03 -2.50 0.00	33.57 -1.56 0.00	29.53 -0.83 0.00	27.36 -0.32 0.00	29.29 -0.11 0.00	30.64 -0.12 0.00	31.00 -0.04 0.00	37.80 -0.37 0.00	39.39 -1.08 0.00	46.83 -1.81 0.00	48.06 -2.11 0.00	42.84 -2.05 0.00	38.50 -2.28 0.00	39.26 -2.13 0.00	39.30 -1.63 0.00	38.06 -1.09 0.00

NEVERSINK___HYD 23608	50.70 1.12 0.00	38.90 0.82 0.00	39.67 0.76 0.00	39.73 0.83 0.00	38.03 0.91 0.00	43.48 1.19 0.00	69.66 2.18 0.00	59.12 1.87 0.00	50.16 1.63 0.00	36.27 1.15 0.00	31.17 0.81 0.00	28.20 0.52 0.00	29.86 0.40 -0.06	30.33 -0.43 0.00	30.61 -0.42 0.00	37.87 -0.30 0.00	40.29 -0.17 0.00	48.66 0.01 0.00	50.70 0.53 0.00	46.78 1.89 0.00	42.65 1.86 0.00	43.26 1.88 0.00	42.57 1.64 0.00	40.44 1.29 0.00
NEWKRMKL_115KV_TB1 55635	49.61 0.02 0.00	38.11 0.04 0.00	38.96 0.05 0.00	39.02 0.11 0.00	37.35 0.23 0.00	42.53 0.24 0.00	68.02 0.55 0.00	57.94 0.69 0.00	49.03 0.50 0.00	35.33 0.20 0.00	30.41 0.05 0.00	27.64 -0.04 0.00	29.23 -0.11 0.06	30.73 -0.03 0.00	31.08 0.05 0.00	38.29 0.12 0.00	40.81 0.34 0.00	49.23 0.58 0.00	50.72 0.55 0.00	45.48 0.59 0.00	41.58 0.80 0.00	42.19 0.80 0.00	41.54 0.62 0.00	39.45 0.30 0.00
NEWTON___FALLS_HYD 23847	51.54 1.95 0.00	39.53 1.45 0.00	40.38 1.47 0.00	40.33 1.42 0.00	38.39 1.27 0.00	43.66 1.37 0.00	69.84 2.37 0.00	59.32 2.07 0.00	50.23 1.71 0.00	36.47 1.35 0.00	31.49 1.13 0.00	28.54 0.86 0.00	30.11 0.71 0.00	31.57 0.82 0.00	31.97 0.94 0.00	39.38 1.22 0.00	41.63 1.16 0.00	49.79 1.15 0.00	51.37 1.20 0.00	45.78 0.89 0.00	41.16 0.38 0.00	41.98 0.60 0.00	41.49 0.57 0.00	39.58 0.43 0.00
NGRID_A1_DSASP 323792	48.98 -0.60 0.00	37.75 -0.33 0.00	38.35 -0.55 0.00	38.17 -0.74 0.00	35.91 -1.21 0.00	40.65 -1.64 0.00	63.91 -3.56 0.00	53.31 -3.95 0.00	44.87 -3.66 0.00	32.99 -2.14 0.00	28.96 -1.40 0.00	26.92 -0.76 0.00	28.83 -0.57 0.00	30.01 -0.75 0.00	30.44 -0.59 0.00	37.16 -1.01 0.00	38.41 -2.06 0.00	44.78 -3.86 0.00	46.00 -4.17 0.00	40.75 -3.68 0.46	36.08 -3.28 1.43	36.49 -2.93 1.97	36.19 -1.84 2.90	36.89 -1.00 1.26
NGRID_A2_DSASP 323793	48.98 -0.60 0.00	37.75 -0.33 0.00	38.35 -0.55 0.00	38.17 -0.74 0.00	35.91 -1.21 0.00	40.65 -1.64 0.00	63.91 -3.56 0.00	53.31 -3.95 0.00	44.87 -3.66 0.00	32.99 -2.14 0.00	28.96 -1.40 0.00	26.92 -0.76 0.00	28.83 -0.57 0.00	30.01 -0.75 0.00	30.44 -0.59 0.00	37.16 -1.01 0.00	38.41 -2.06 0.00	44.78 -3.86 0.00	46.00 -4.17 0.00	40.75 -3.68 0.46	36.08 -3.28 1.43	36.49 -2.93 1.97	36.19 -1.84 2.90	36.89 -1.00 1.26
NGRID_A4_DSASP 323807	48.98 -0.60 0.00	37.75 -0.33 0.00	38.35 -0.55 0.00	38.17 -0.74 0.00	35.91 -1.21 0.00	40.65 -1.64 0.00	63.91 -3.56 0.00	53.31 -3.95 0.00	44.87 -3.66 0.00	32.99 -2.14 0.00	28.96 -1.40 0.00	26.92 -0.76 0.00	28.83 -0.57 0.00	30.01 -0.75 0.00	30.44 -0.59 0.00	37.16 -1.01 0.00	38.41 -2.06 0.00	44.78 -3.86 0.00	46.00 -4.17 0.00	40.75 -3.68 0.46	36.08 -3.28 1.43	36.49 -2.93 1.97	36.19 -1.84 2.90	36.89 -1.00 1.26
NIAGARA_115E_LBMP 323715	48.82 -0.77 0.00	37.67 -0.40 0.00	38.23 -0.68 0.00	38.04 -0.87 0.00	35.82 -1.30 0.00	40.51 -1.78 0.00	63.43 -4.04 0.00	52.79 -4.46 0.00	44.52 -4.01 0.00	32.73 -2.40 0.00	28.71 -1.65 0.00	26.67 -1.01 0.00	28.56 -0.84 0.00	29.72 -1.04 0.00	30.14 -0.89 0.00	36.71 -1.46 0.00	37.96 -2.51 0.00	44.53 -4.11 0.00	45.88 -4.29 0.00	40.60 -3.85 0.44	35.91 -3.49 1.38	36.23 -3.26 1.90	35.83 -2.29 2.80	36.56 -1.37 1.22
NIAGARA_115W_LBMP 323714	48.92 -0.66 0.00	37.70 -0.37 0.00	38.31 -0.60 0.00	38.11 -0.79 0.00	35.85 -1.26 0.00	40.60 -1.69 0.00	63.83 -3.65 0.00	53.22 -4.03 0.00	44.80 -3.73 0.00	32.93 -2.19 0.00	28.92 -1.44 0.00	26.88 -0.80 0.00	28.79 -0.61 0.00	29.97 -0.79 0.00	30.40 -0.63 0.00	37.11 -1.05 0.00	38.35 -2.12 0.00	44.70 -3.94 0.00	45.91 -4.26 0.00	40.67 -3.76 0.46	36.01 -3.35 1.43	36.42 -3.00 1.96	36.14 -1.89 2.90	36.84 -1.05 1.26
NIAGARA_230_LBMP 323716	49.03 -0.56 0.00	37.76 -0.31 0.00	38.37 -0.54 0.00	38.18 -0.72 0.00	35.94 -1.17 0.00	40.73 -1.56 0.00	64.04 -3.43 0.00	53.44 -3.81 0.00	44.99 -3.54 0.00	33.04 -2.08 0.00	29.00 -1.36 0.00	26.93 -0.75 0.00	28.85 -0.56 0.00	30.04 -0.72 0.00	30.46 -0.57 0.00	37.19 -0.98 0.00	38.47 -2.00 0.00	45.09 -3.55 0.00	46.42 -3.75 0.00	41.09 -3.34 0.45	36.35 -3.01 1.42	36.69 -2.75 1.95	36.22 -1.82 2.88	36.89 -1.01 1.25
NIAGARA___115KV_198_GIBSON 55903	48.93 -0.66 0.00	37.69 -0.38 0.00	38.31 -0.60 0.00	38.11 -0.80 0.00	35.85 -1.26 0.00	40.62 -1.68 0.00	63.82 -3.65 0.00	53.23 -4.03 0.00	44.81 -3.71 0.00	32.96 -2.16 0.00	28.92 -1.44 0.00	26.88 -0.80 0.00	28.79 -0.61 0.00	29.97 -0.79 0.00	30.41 -0.62 0.00	37.12 -1.05 0.00	38.35 -2.12 0.00	44.70 -3.94 0.00	45.91 -4.26 0.00	41.13 -3.76 0.00	37.40 -3.39 0.00	38.37 -3.02 0.00	39.01 -1.92 0.00	38.08 -1.07 0.00
NIAGARA____ 23760	49.03 -0.56 0.00	37.76 -0.31 0.00	38.37 -0.54 0.00	38.18 -0.72 0.00	35.94 -1.17 0.00	40.73 -1.56 0.00	64.04 -3.43 0.00	53.44 -3.81 0.00	44.99 -3.54 0.00	33.04 -2.08 0.00	29.00 -1.36 0.00	26.93 -0.75 0.00	28.85 -0.56 0.00	30.04 -0.72 0.00	30.46 -0.57 0.00	37.19 -0.98 0.00	38.47 -2.00 0.00	45.09 -3.55 0.00	46.42 -3.75 0.00	41.10 -3.34 0.45	36.36 -3.01 1.41	36.70 -2.75 1.93	36.27 -1.82 2.84	36.91 -1.01 1.22
NINE_MILE_1 23575	48.14 -1.45 0.00	36.96 -1.11 0.00	37.74 -1.17 0.00	37.74 -1.17 0.00	35.98 -1.13 0.00	41.01 -1.28 0.00	65.40 -2.07 0.00	55.46 -1.80 0.00	46.95 -1.58 0.00	34.00 -1.12 0.00	29.40 -0.96 0.00	26.83 -0.85 0.00	28.48 -0.92 0.00	29.78 -0.97 0.00	30.01 -1.02 0.00	36.80 -1.37 0.00	38.94 -1.53 0.00	46.86 -1.78 0.00	48.38 -1.78 0.00	43.31 -1.58 0.00	39.33 -1.46 0.00	39.90 -1.49 0.00	39.50 -1.43 0.00	37.93 -1.22 0.00
NINE_MILE_2 23744	48.14 -1.44 0.00	36.96 -1.11 0.00	37.75 -1.15 0.00	37.74 -1.17 0.00	35.99 -1.13 0.00	41.01 -1.28 0.00	65.40 -2.07 0.00	55.46 -1.79 0.00	46.96 -1.57 0.00	34.00 -1.12 0.00	29.41 -0.95 0.00	26.83 -0.85 0.00	28.49 -0.91 0.00	29.78 -0.97 0.00	30.01 -1.02 0.00	36.80 -1.37 0.00	38.95 -1.53 0.00	46.87 -1.77 0.00	48.38 -1.78 0.00	43.31 -1.58 0.00	39.33 -1.45 0.00	39.90 -1.49 0.00	39.50 -1.43 0.00	37.93 -1.22 0.00
NM_CAPITAL___DRP 24208	49.78 0.20 0.00	38.23 0.16 0.00	39.09 0.18 0.00	39.14 0.23 0.00	37.46 0.34 0.00	42.68 0.39 0.00	68.24 0.77 0.00	58.11 0.86 0.00	49.14 0.61 0.00	35.41 0.28 0.00	30.48 0.12 0.00	27.69 0.01 0.00	29.29 -0.05 0.07	30.79 0.03 0.00	31.13 0.10 0.00	38.37 0.20 0.00	40.92 0.45 0.00	49.34 0.71 0.00	50.84 0.67 0.00	45.58 0.70 0.00	41.70 0.92 0.00	42.32 0.93 0.00	41.67 0.75 0.00	39.55 0.41 0.00
NM_CENTRAL___DRP 24181	49.03 -0.55 0.00	37.62 -0.46 0.00	38.41 -0.49 0.00	38.42 -0.49 0.00	36.61 -0.50 0.00	41.75 -0.54 0.00	66.60 -0.87 0.00	56.47 -0.79 0.00	47.78 -0.75 0.00	34.60 -0.52 0.00	29.94 -0.43 0.00	27.33 -0.36 0.00	29.00 -0.40 0.00	30.30 -0.45 0.00	30.55 -0.48 0.00	37.44 -0.72 0.00	39.58 -0.89 0.00	47.67 -0.97 0.00	49.26 -0.90 0.00	44.09 -0.80 0.00	40.03 -0.76 0.00	40.65 -0.74 0.00	40.21 -0.71 0.00	38.60 -0.55 0.00

NM_FRONTIER___DRP 24179	48.93 -0.66 0.00	37.69 -0.38 0.00	38.31 -0.60 0.00	38.11 -0.80 0.00	35.85 -1.26 0.00	40.62 -1.68 0.00	63.82 -3.65 0.00	53.23 -4.03 0.00	44.81 -3.71 0.00	32.96 -2.16 0.00	28.92 -1.44 0.00	26.88 -0.80 0.00	28.79 -0.61 0.00	29.97 -0.79 0.00	30.41 -0.62 0.00	37.12 -1.05 0.00	38.35 -2.12 0.00	44.70 -3.94 0.00	45.91 -4.26 0.00	41.13 -3.76 0.00	37.40 -3.39 0.00	38.37 -3.02 0.00	39.01 -1.92 0.00	38.08 -1.07 0.00
NM_ST_REGIS___HYD 24053	51.32 1.74 0.00	39.41 1.33 0.00	40.25 1.34 0.00	40.20 1.29 0.00	38.30 1.18 0.00	43.65 1.35 0.00	69.65 2.17 0.00	59.12 1.87 0.00	50.25 1.72 0.00	36.53 1.40 0.00	31.65 1.29 0.00	28.83 1.15 0.00	30.52 1.12 0.00	31.84 1.08 0.00	32.17 1.14 0.00	39.73 1.56 0.00	42.03 1.56 0.00	50.19 1.55 0.00	51.59 1.42 0.00	46.17 1.28 0.00	41.72 0.94 0.00	42.38 0.99 0.00	42.03 1.11 0.00	40.15 1.00 0.00
NORTHPORT___1 23551	50.64 1.24 0.18	55.84 0.93 -16.83	50.15 0.95 -10.29	50.40 0.96 -10.54	47.35 1.25 -8.98	45.68 2.04 -1.34	65.99 2.65 4.14	50.97 2.09 8.37	46.28 1.86 4.10	37.13 1.64 -0.37	41.85 1.24 -10.25	28.73 1.06 0.00	30.45 0.96 -0.09	31.38 0.62 0.00	30.30 0.51 1.24	25.99 0.64 12.82	26.23 1.00 15.24	30.55 1.20 19.30	31.54 1.62 20.24	29.21 1.46 17.14	26.87 1.92 15.83	34.12 2.12 9.38	40.31 1.77 2.38	40.04 1.40 0.51
NORTHPORT___2 23552	50.64 1.24 0.18	55.84 0.93 -16.83	50.15 0.95 -10.29	50.40 0.96 -10.54	47.35 1.25 -8.98	45.68 2.04 -1.34	65.99 2.65 4.14	50.97 2.09 8.37	46.28 1.86 4.10	37.13 1.64 -0.37	41.85 1.24 -10.25	28.73 1.06 0.00	30.45 0.96 -0.09	31.38 0.62 0.00	30.30 0.51 1.24	25.99 0.64 12.82	26.23 1.00 15.24	30.55 1.20 19.30	31.54 1.62 20.24	29.21 1.46 17.14	26.87 1.92 15.83	34.12 2.12 9.38	40.31 1.77 2.38	40.04 1.40 0.51
NORTHPORT___3 23553	41.88 1.10 8.80	47.83 0.87 -8.89	47.83 0.88 -8.04	47.83 0.91 -8.01	45.43 1.20 -7.12	45.61 1.97 -1.35	61.48 2.53 8.52	41.98 1.96 17.24	41.86 1.78 8.44	37.08 1.58 -0.37	41.85 1.19 -10.30	28.69 1.01 0.00	30.42 0.92 -0.09	31.35 0.59 0.00	28.96 0.48 2.55	12.35 0.58 26.40	10.01 0.92 31.38	10.01 1.11 39.74	10.01 1.51 41.67	10.98 1.37 35.28	10.01 1.82 32.59	24.07 2.01 19.33	37.70 1.69 4.91	38.74 1.30 1.71
NORTHPORT___4 23650	41.88 1.10 8.80	47.83 0.87 -8.89	47.83 0.88 -8.04	47.83 0.91 -8.01	45.43 1.20 -7.12	45.61 1.97 -1.35	61.48 2.53 8.52	41.98 1.96 17.24	41.86 1.78 8.44	37.08 1.58 -0.37	41.85 1.19 -10.30	28.69 1.01 0.00	30.42 0.92 -0.09	31.35 0.59 0.00	28.96 0.48 2.55	12.35 0.58 26.40	10.01 0.92 31.38	10.01 1.11 39.74	10.01 1.51 41.67	10.98 1.37 35.28	10.01 1.82 32.59	24.07 2.01 19.33	37.70 1.69 4.91	38.74 1.30 1.71
NORTHPORT___IC 23718	50.63 1.23 0.18	55.81 0.91 -16.83	50.12 0.92 -10.29	50.40 0.96 -10.54	47.34 1.25 -8.98	45.68 2.04 -1.34	66.00 2.67 4.14	50.96 2.08 8.37	46.28 1.86 4.10	37.12 1.63 -0.37	41.84 1.23 -10.25	28.73 1.06 0.00	30.45 0.96 -0.09	31.38 0.62 0.00	30.30 0.51 1.24	25.99 0.64 12.82	26.23 1.00 15.24	30.55 1.20 19.30	31.55 1.62 20.24	29.21 1.46 17.14	26.88 1.93 15.83	34.13 2.13 9.38	40.32 1.78 2.38	40.03 1.39 0.51
NORTH___COUNTRY_ESR 323785	50.20 0.61 0.00	38.55 0.47 0.00	39.36 0.46 0.00	39.35 0.45 0.00	37.55 0.43 0.00	42.84 0.54 0.00	68.20 0.72 0.00	57.83 0.58 0.00	49.17 0.64 0.00	35.80 0.67 0.00	31.04 0.68 0.00	28.37 0.69 0.00	30.16 0.76 0.00	31.51 0.75 0.00	31.78 0.74 0.00	39.23 1.06 0.00	41.50 1.03 0.00	49.52 0.88 0.00	50.96 0.79 0.00	45.37 0.48 0.00	40.88 0.10 0.00	41.53 0.14 0.00	41.28 0.36 0.00	39.47 0.32 0.00
NPX_GEN_1385_PROXY 323591	50.70 1.30 0.18	55.63 0.72 -16.83	49.99 0.80 -10.29	50.02 0.58 -10.54	47.01 0.91 -8.98	45.53 1.90 -1.34	67.58 2.91 2.80	51.50 2.62 8.37	46.15 1.86 4.24	34.44 1.11 1.79	33.67 0.69 -2.62	28.32 0.64 0.00	29.97 0.48 -0.09	30.87 0.12 0.00	29.91 0.12 1.24	25.80 0.45 12.82	26.47 1.24 15.24	30.91 1.56 19.30	32.20 2.27 20.24	29.46 1.71 17.14	27.35 2.39 15.83	34.78 2.78 9.38	40.38 1.84 2.38	40.36 1.72 0.51
NPX_GEN_CSC 323557	55.00 1.39 -4.03	59.95 0.92 -20.95	51.39 0.95 -11.53	51.82 0.99 -11.92	48.41 1.28 -10.01	45.69 2.04 -1.36	69.53 2.77 0.72	55.21 2.11 4.15	48.27 1.91 2.17	34.93 1.59 1.79	39.57 1.14 -8.08	28.56 0.87 0.00	30.27 0.78 -0.09	31.30 0.54 0.00	30.89 0.48 0.62	32.43 0.63 6.36	33.94 1.03 7.56	40.32 1.31 9.63	41.75 1.69 10.11	37.87 1.55 8.56	34.94 2.06 7.91	38.99 2.29 4.69	41.73 2.00 1.19	40.74 1.53 -0.07
NSINS_S_GLNS_FALLS 23858	51.51 1.92 0.00	39.46 1.39 0.00	40.43 1.52 0.00	40.44 1.53 0.00	38.67 1.56 0.00	44.08 1.79 0.00	70.52 3.05 0.00	59.99 2.73 0.00	50.54 2.01 0.00	36.16 1.04 0.00	30.88 0.52 0.00	27.99 0.31 0.00	29.59 0.26 0.07	31.21 0.45 0.00	31.70 0.66 0.00	39.32 1.16 0.00	42.23 1.76 0.00	51.16 2.52 0.00	52.62 2.45 0.00	47.12 2.23 0.00	43.09 2.30 0.00	43.64 2.25 0.00	42.95 2.03 0.00	40.72 1.57 0.00
NUCOR_STEEL___DRP 24197	49.76 0.18 0.00	38.19 0.12 0.00	39.00 0.10 0.00	38.84 -0.06 0.00	37.12 0.01 0.00	42.37 0.08 0.00	67.65 0.18 0.00	57.07 -0.19 0.00	48.22 -0.30 0.00	35.02 -0.10 0.00	30.31 -0.05 0.00	27.59 -0.08 0.00	29.33 -0.07 0.00	30.68 -0.07 0.00	30.87 -0.16 0.00	37.86 -0.30 0.00	40.01 -0.46 0.00	48.38 -0.26 0.00	49.98 -0.18 0.00	44.76 -0.13 0.00	40.46 -0.33 0.00	41.13 -0.26 0.00	40.76 -0.16 0.00	39.03 -0.12 0.00
NUMBER_THREE_WT_PWR 323818	51.68 2.09 0.00	39.60 1.52 0.00	40.46 1.55 0.00	40.42 1.52 0.00	38.48 1.37 0.00	43.74 1.45 0.00	70.08 2.60 0.00	59.54 2.28 0.00	50.28 1.75 0.00	36.46 1.34 0.00	31.36 1.00 0.00	28.37 0.69 0.00	29.87 0.47 0.00	31.40 0.65 0.00	31.85 0.81 0.00	39.16 0.99 0.00	41.49 1.02 0.00	49.76 1.12 0.00	51.49 1.32 0.00	45.53 0.64 0.00	40.59 -0.20 0.00	41.44 0.05 0.00	40.85 -0.08 0.00	38.91 -0.23 0.00
NYISO_LBMP_REFERENCE 24008	49.59 0.00 0.00	38.07 0.00 0.00	38.91 0.00 0.00	38.91 0.00 0.00	37.11 0.00 0.00	42.29 0.00 0.00	67.47 0.00 0.00	57.25 0.00 0.00	48.53 0.00 0.00	35.13 0.00 0.00	30.36 0.00 0.00	27.68 0.00 0.00	29.40 0.00 0.00	30.76 0.00 0.00	31.03 0.00 0.00	38.17 0.00 0.00	40.47 0.00 0.00	48.64 0.00 0.00	50.17 0.00 0.00	44.89 0.00 0.00	40.79 0.00 0.00	41.39 0.00 0.00	40.92 0.00 0.00	39.15 0.00 0.00
NYPA_BRENTWD____GT 24164	56.35 1.93 -4.83	61.72 1.38 -22.27	52.38 1.38 -12.09	52.79 1.38 -12.51	49.28 1.68 -10.49	46.29 2.59 -1.41	69.18 3.49 1.78	56.36 2.72 3.61	49.19 2.44 1.77	37.61 2.10 -0.39	42.68 1.62 -10.70	29.03 1.35 0.00	30.80 1.30 -0.09	31.78 1.02 0.00	31.38 0.88 0.54	33.67 1.03 5.53	35.30 1.40 6.57	42.09 1.77 8.32	43.69 2.25 8.73	39.53 2.03 7.39	36.37 2.41 6.83	39.99 2.65 4.05	42.16 2.26 1.03	41.18 1.86 -0.17

NYPA_GOWANUS____GT5 24156	51.16	39.44	40.21	40.28	38.60	44.05	70.46	59.75	50.81	36.89	31.81	28.91	30.82	32.09	32.33	39.73	42.21	50.64	52.60	47.19	43.17	43.91	43.13	41.03
	1.57	1.36	1.30	1.37	1.49	1.76	2.99	2.50	2.28	1.77	1.45	1.23	1.33	1.34	1.30	1.56	1.74	2.00	2.44	2.30	2.38	2.53	2.21	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT6 24157	51.16	39.44	40.21	40.28	38.60	44.05	70.46	59.75	50.81	36.89	31.81	28.91	30.82	32.09	32.33	39.73	42.21	50.64	52.60	47.19	43.17	43.91	43.13	41.03
	1.57	1.36	1.30	1.37	1.49	1.76	2.99	2.50	2.28	1.77	1.45	1.23	1.33	1.34	1.30	1.56	1.74	2.00	2.44	2.30	2.38	2.53	2.21	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	50.86	35.72	21.26	22.89	36.92	43.80	69.15	59.43	50.56	36.69	31.67	28.74	30.65	31.91	32.14	39.50	42.01	50.42	52.37	46.98	42.94	43.69	42.93	40.80
	1.28	1.12	1.07	1.14	1.26	1.52	2.66	2.19	2.03	1.56	1.31	1.06	1.16	1.15	1.11	1.33	1.54	1.78	2.20	2.09	2.16	2.31	2.01	1.66
	0.00	3.47	18.71	17.16	1.46	0.02	0.98	0.01	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	50.86	35.72	21.26	22.89	36.92	43.80	69.15	59.43	50.56	36.69	31.67	28.74	30.65	31.91	32.14	39.50	42.01	50.42	52.37	46.98	42.94	43.69	42.93	40.80
	1.28	1.12	1.07	1.14	1.26	1.52	2.66	2.19	2.03	1.56	1.31	1.06	1.16	1.15	1.11	1.33	1.54	1.78	2.20	2.09	2.16	2.31	2.01	1.66
	0.00	3.47	18.71	17.16	1.46	0.02	0.98	0.01	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	51.10	39.37	40.19	40.26	38.57	44.03	70.42	59.71	50.76	36.86	31.81	28.91	30.82	32.09	32.33	39.72	42.22	50.63	52.56	47.17	43.14	43.89	43.12	40.99
	1.51	1.30	1.28	1.35	1.46	1.74	2.95	2.46	2.23	1.74	1.45	1.23	1.33	1.33	1.29	1.56	1.75	1.99	2.40	2.28	2.35	2.50	2.19	1.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	51.05	39.43	40.21	40.28	38.63	44.05	70.45	59.71	50.73	36.83	31.74	28.83	30.75	32.01	32.24	39.62	42.08	50.50	52.46	47.08	43.04	43.79	42.99	40.94
	1.47	1.35	1.30	1.37	1.52	1.76	2.98	2.45	2.20	1.71	1.38	1.15	1.25	1.25	1.21	1.46	1.61	1.86	2.30	2.19	2.25	2.40	2.07	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	51.04	39.33	40.16	40.24	38.55	44.01	70.35	59.66	50.71	36.84	31.81	28.91	30.81	32.08	32.32	39.71	42.23	50.67	52.57	47.17	43.14	43.86	43.11	40.96
	1.45	1.26	1.25	1.33	1.43	1.72	2.87	2.40	2.18	1.71	1.44	1.23	1.32	1.32	1.29	1.54	1.76	2.03	2.40	2.28	2.35	2.47	2.18	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	51.04	39.33	40.16	40.24	38.55	44.01	70.35	59.66	50.71	36.84	31.81	28.91	30.81	32.08	32.32	39.71	42.23	50.67	52.57	47.17	43.14	43.86	43.11	40.96
	1.45	1.26	1.25	1.33	1.43	1.72	2.87	2.40	2.18	1.71	1.44	1.23	1.32	1.32	1.29	1.54	1.76	2.03	2.40	2.28	2.35	2.47	2.18	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	50.98	39.30	40.13	40.20	38.52	43.97	70.28	59.59	50.67	36.81	31.78	28.88	30.79	32.05	32.29	39.68	42.19	50.61	52.52	47.12	43.11	43.82	43.07	40.93
	1.39	1.22	1.22	1.30	1.41	1.68	2.81	2.33	2.14	1.68	1.42	1.21	1.29	1.29	1.26	1.51	1.72	1.96	2.36	2.23	2.33	2.44	2.14	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	50.98	39.30	40.13	40.20	38.52	43.97	70.28	59.59	50.67	36.81	31.78	28.88	30.79	32.05	32.29	39.68	42.19	50.61	52.52	47.12	43.11	43.82	43.07	40.93
	1.39	1.22	1.22	1.30	1.41	1.68	2.81	2.33	2.14	1.68	1.42	1.21	1.29	1.29	1.26	1.51	1.72	1.96	2.36	2.23	2.33	2.44	2.14	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	54.96	59.86	51.51	51.93	48.52	45.90	68.36	55.20	48.49	37.27	42.03	28.75	30.49	31.51	31.05	32.28	33.69	39.99	41.37	37.56	34.66	38.89	41.80	40.87
	1.60	1.12	1.16	1.21	1.47	2.25	3.06	2.34	2.11	1.77	1.34	1.07	0.99	0.75	0.66	0.83	1.21	1.47	1.82	1.66	2.18	2.42	2.13	1.69
	-3.77	-20.67	-11.44	-11.81	-9.93	-1.36	2.17	4.39	2.15	-0.37	-10.33	0.00	-0.09	0.00	0.65	6.73	8.00	10.12	10.61	8.99	8.30	4.92	1.25	-0.04
NYPA____HELLGATE_GT1 24158	50.92	39.02	35.96	34.33	38.30	43.82	70.16	59.54	50.62	36.69	31.67	28.74	30.65	31.91	32.14	39.50	42.02	50.50	52.44	47.04	43.01	43.73	42.94	40.80
	1.33	1.12	1.07	1.14	1.26	1.53	2.73	2.29	2.09	1.56	1.31	1.06	1.16	1.15	1.11	1.33	1.55	1.86	2.28	2.15	2.23	2.34	2.02	1.66
	0.00	0.17	4.01	5.71	0.07	0.00	0.05	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	50.92	39.02	35.96	34.33	38.30	43.82	70.16	59.54	50.62	36.69	31.67	28.74	30.65	31.91	32.14	39.50	42.02	50.50	52.44	47.04	43.01	43.73	42.94	40.80
	1.33	1.12	1.07	1.14	1.26	1.53	2.73	2.29	2.09	1.56	1.31	1.06	1.16	1.15	1.11	1.33	1.55	1.86	2.28	2.15	2.23	2.34	2.02	1.66
	0.00	0.17	4.01	5.71	0.07	0.00	0.05	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	49.43	38.08	38.66	38.47	36.22	41.00	64.33	53.66	45.26	33.21	29.11	26.99	28.89	30.06	30.46	37.12	38.49	45.30	46.73	41.40	36.72	37.07	36.70	37.19
	-0.16	0.01	-0.25	-0.44	-0.89	-1.29	-3.14	-3.59	-3.27	-1.91	-1.25	-0.68	-0.51	-0.69	-0.58	-1.05	-1.99	-3.35	-3.43	-3.09	-2.82	-2.60	-1.69	-0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	1.25	1.71	2.53	1.09
OAK ORCHARD____HYD 24046	49.68	38.16	38.86	38.76	36.75	41.82	66.35	56.00	47.28	34.43	29.93	27.48	29.29	30.57	30.84	37.76	39.67	47.45	49.04	43.69	39.20	39.64	39.14	38.43
	0.09	0.09	-0.05	-0.15	-0.37	-0.48	-1.12	-1.26	-1.25	-0.69	-0.43	-0.20	-0.11	-0.19	-0.19	-0.40	-0.80	-1.19	-1.12	-1.01	-0.98	-0.92	-0.56	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.60	0.83	1.22	0.53

OAKDALE___35_KV_LOAD 356122	49.85 0.26 0.00	38.20 0.12 0.00	38.97 0.06 0.00	39.00 0.09 0.00	37.14 0.03 0.00	42.48 0.18 0.00	67.72 0.25 0.00	57.20 -0.05 0.00	48.34 -0.18 0.00	35.00 -0.13 0.00	30.40 0.04 0.00	27.79 0.11 0.00	29.56 0.16 0.00	30.91 0.15 0.00	31.14 0.11 0.00	38.16 -0.01 0.00	40.32 -0.15 0.00	48.49 -0.15 0.00	50.00 -0.16 0.00	44.77 -0.12 0.00	40.55 -0.23 0.00	41.16 -0.22 0.00	40.77 -0.15 0.00	39.07 -0.08 0.00
OCC_CHEM___DRP 24175	48.99 -0.60 0.00	37.75 -0.32 0.00	38.35 -0.56 0.00	38.17 -0.74 0.00	35.90 -1.21 0.00	40.67 -1.62 0.00	63.90 -3.57 0.00	53.30 -3.95 0.00	44.87 -3.66 0.00	33.01 -2.12 0.00	28.96 -1.40 0.00	26.91 -0.77 0.00	28.83 -0.57 0.00	30.01 -0.75 0.00	30.45 -0.58 0.00	37.17 -1.00 0.00	38.41 -2.06 0.00	44.78 -3.87 0.00	46.01 -4.16 0.00	41.20 -3.69 0.00	37.47 -3.31 0.00	38.43 -2.96 0.00	39.06 -1.87 0.00	38.14 -1.01 0.00
OH_GEN_PROXY 24063	49.02 -0.57 0.00	37.74 -0.33 0.00	38.35 -0.56 0.00	38.17 -0.74 0.00	35.95 -1.16 0.00	40.78 -1.52 0.00	65.51 -3.30 -1.34	53.58 -3.67 0.00	44.97 -3.43 0.13	30.93 -2.03 2.16	26.76 -1.32 2.29	26.97 -0.71 0.00	28.87 -0.53 0.00	30.08 -0.67 0.00	30.50 -0.54 0.00	37.25 -0.91 0.00	38.55 -1.92 0.00	45.26 -3.38 0.00	46.58 -3.58 0.00	41.22 -3.19 0.49	36.35 -2.91 1.53	36.62 -2.66 2.10	36.04 -1.79 3.10	36.80 -1.01 1.34
OLIN_CORP_DRP 24177	48.89 -0.69 0.00	37.71 -0.36 0.00	38.28 -0.63 0.00	38.09 -0.82 0.00	35.86 -1.26 0.00	40.60 -1.70 0.00	63.56 -3.91 0.00	52.93 -4.32 0.00	44.63 -3.90 0.00	32.82 -2.31 0.00	28.77 -1.59 0.00	26.73 -0.95 0.00	28.62 -0.78 0.00	29.79 -0.97 0.00	30.21 -0.82 0.00	36.81 -1.36 0.00	38.07 -2.40 0.00	44.64 -4.00 0.00	46.00 -4.17 0.00	41.15 -3.74 0.00	37.36 -3.43 0.00	38.20 -3.18 0.00	38.70 -2.23 0.00	37.85 -1.30 0.00
OLIN_CORP_DSASP 323712	48.98 -0.60 0.00	37.75 -0.33 0.00	38.35 -0.55 0.00	38.17 -0.74 0.00	35.91 -1.21 0.00	40.65 -1.64 0.00	63.91 -3.56 0.00	53.31 -3.95 0.00	44.87 -3.66 0.00	32.99 -2.14 0.00	28.96 -1.40 0.00	26.92 -0.76 0.00	28.83 -0.57 0.00	30.01 -0.75 0.00	30.44 -0.59 0.00	37.16 -1.01 0.00	38.41 -2.06 0.00	44.78 -3.86 0.00	46.00 -4.17 0.00	40.75 -3.68 0.46	36.08 -3.28 1.43	36.49 -2.93 1.97	36.19 -1.84 2.90	36.89 -1.00 1.26
ONEIDA_HERK_LFGE 323681	51.12 1.53 0.00	39.19 1.12 0.00	40.03 1.13 0.00	40.04 1.13 0.00	38.16 1.05 0.00	43.47 1.18 0.00	69.56 2.09 0.00	59.06 1.80 0.00	49.91 1.39 0.00	36.13 1.01 0.00	31.14 0.78 0.00	28.21 0.52 0.00	29.85 0.45 0.00	31.31 0.55 0.00	31.70 0.67 0.00	39.00 0.84 0.00	41.36 0.89 0.00	49.74 1.09 0.00	51.43 1.26 0.00	45.75 0.87 0.00	41.24 0.45 0.00	41.94 0.56 0.00	41.37 0.45 0.00	39.47 0.32 0.00
ONEIDA___115KV_TB4 55905	50.92 1.34 0.00	39.05 0.97 0.00	39.90 0.99 0.00	39.94 1.04 0.00	38.09 0.97 0.00	43.43 1.14 0.00	69.48 2.01 0.00	58.92 1.67 0.00	49.78 1.26 0.00	35.97 0.84 0.00	30.96 0.60 0.00	28.16 0.48 0.00	29.85 0.45 0.00	31.27 0.51 0.00	31.64 0.61 0.00	38.90 0.73 0.00	41.22 0.74 0.00	49.63 0.99 0.00	51.40 1.23 0.00	45.87 0.98 0.00	41.52 0.73 0.00	42.11 0.72 0.00	41.59 0.66 0.00	39.73 0.59 0.00
ONONDAGA_REF_OCCRA 23987	49.35 -0.23 0.00	37.86 -0.22 0.00	38.66 -0.25 0.00	38.65 -0.25 0.00	36.84 -0.28 0.00	42.04 -0.25 0.00	67.08 -0.39 0.00	56.85 -0.40 0.00	48.10 -0.43 0.00	34.82 -0.31 0.00	30.13 -0.23 0.00	27.50 -0.18 0.00	29.18 -0.22 0.00	30.49 -0.27 0.00	30.73 -0.30 0.00	37.66 -0.50 0.00	39.83 -0.65 0.00	48.02 -0.62 0.00	49.66 -0.51 0.00	44.44 -0.45 0.00	40.34 -0.45 0.00	40.94 -0.45 0.00	40.48 -0.44 0.00	38.84 -0.30 0.00
ONONDAGA___COGEN 23986	49.29 -0.30 0.00	37.82 -0.25 0.00	38.62 -0.29 0.00	38.60 -0.31 0.00	36.81 -0.30 0.00	41.98 -0.31 0.00	67.00 -0.47 0.00	56.76 -0.50 0.00	48.04 -0.49 0.00	34.78 -0.35 0.00	30.10 -0.26 0.00	27.46 -0.22 0.00	29.14 -0.26 0.00	30.46 -0.30 0.00	30.69 -0.35 0.00	37.61 -0.55 0.00	39.80 -0.68 0.00	48.00 -0.64 0.00	49.60 -0.57 0.00	44.38 -0.51 0.00	40.27 -0.51 0.00	40.87 -0.52 0.00	40.43 -0.49 0.00	38.79 -0.36 0.00
ONTARIO___LFGE 23819	49.86 0.28 0.00	38.33 0.25 0.00	39.03 0.13 0.00	39.00 0.09 0.00	37.05 -0.06 0.00	42.25 -0.04 0.00	67.16 -0.31 0.00	56.75 -0.51 0.00	47.93 -0.60 0.00	34.87 -0.25 0.00	30.28 -0.08 0.00	27.74 0.06 0.00	29.45 0.05 0.00	30.73 -0.03 0.00	30.91 -0.13 0.00	37.81 -0.36 0.00	39.80 -0.67 0.00	48.00 -0.64 0.00	49.70 -0.46 0.00	44.46 -0.43 0.00	40.16 -0.62 0.00	40.80 -0.58 0.00	40.47 -0.45 0.00	38.92 -0.23 0.00
ORANGEVILLE_WT_PWR 323706	49.67 0.08 0.00	38.11 0.03 0.00	38.47 -0.44 0.00	38.35 -0.56 0.00	36.09 -1.02 0.00	40.84 -1.46 0.00	64.41 -3.06 0.00	54.11 -3.15 0.00	45.67 -2.86 0.00	33.45 -1.68 0.00	29.38 -0.98 0.00	27.05 -0.63 0.00	28.88 -0.52 0.00	30.09 -0.66 0.00	30.34 -0.69 0.00	37.08 -1.09 0.00	38.76 -1.72 0.00	46.25 -2.39 0.00	47.56 -2.60 0.00	42.14 -2.62 0.13	37.58 -2.79 0.42	38.14 -2.67 0.58	38.07 -2.00 0.85	37.38 -1.40 0.37
ORANGEVILLE___ESR 323794	49.67 0.08 0.00	38.11 0.03 0.00	38.47 -0.44 0.00	38.35 -0.56 0.00	36.09 -1.02 0.00	40.84 -1.46 0.00	64.41 -3.06 0.00	54.11 -3.15 0.00	45.67 -2.86 0.00	33.45 -1.68 0.00	29.38 -0.98 0.00	27.05 -0.63 0.00	28.88 -0.52 0.00	30.09 -0.66 0.00	30.34 -0.69 0.00	37.08 -1.09 0.00	38.76 -1.72 0.00	46.25 -2.39 0.00	47.56 -2.60 0.00	42.14 -2.62 0.13	37.58 -2.79 0.42	38.14 -2.67 0.58	38.07 -2.00 0.85	37.38 -1.40 0.37
OSWEGATCHIE___HYD 24044	51.54 1.95 0.00	39.53 1.45 0.00	40.37 1.47 0.00	40.33 1.42 0.00	38.39 1.27 0.00	43.66 1.37 0.00	69.84 2.37 0.00	59.32 2.07 0.00	50.23 1.71 0.00	36.47 1.34 0.00	31.48 1.12 0.00	28.54 0.86 0.00	30.11 0.71 0.00	31.57 0.82 0.00	31.98 0.94 0.00	39.38 1.21 0.00	41.63 1.16 0.00	49.79 1.15 0.00	51.37 1.20 0.00	45.78 0.89 0.00	41.16 0.37 0.00	41.98 0.60 0.00	41.50 0.57 0.00	39.58 0.43 0.00
OSWEGO___5 23606	48.51 -1.07 0.00	37.24 -0.84 0.00	38.04 -0.87 0.00	38.02 -0.89 0.00	36.25 -0.87 0.00	41.31 -0.98 0.00	65.88 -1.59 0.00	55.86 -1.39 0.00	47.30 -1.23 0.00	34.25 -0.88 0.00	29.63 -0.74 0.00	27.03 -0.65 0.00	28.71 -0.70 0.00	30.01 -0.75 0.00	30.24 -0.79 0.00	37.08 -1.09 0.00	39.24 -1.23 0.00	47.23 -1.41 0.00	48.77 -1.39 0.00	43.64 -1.25 0.00	39.63 -1.16 0.00	40.21 -1.18 0.00	39.80 -1.13 0.00	38.20 -0.94 0.00
OSWEGO___6 23613	48.51 -1.07 0.00	37.24 -0.84 0.00	38.04 -0.87 0.00	38.02 -0.89 0.00	36.25 -0.87 0.00	41.31 -0.98 0.00	65.88 -1.59 0.00	55.86 -1.39 0.00	47.30 -1.23 0.00	34.25 -0.88 0.00	29.63 -0.74 0.00	27.03 -0.65 0.00	28.71 -0.70 0.00	30.01 -0.75 0.00	30.24 -0.79 0.00	37.08 -1.09 0.00	39.24 -1.23 0.00	47.23 -1.41 0.00	48.77 -1.39 0.00	43.64 -1.25 0.00	39.63 -1.16 0.00	40.21 -1.18 0.00	39.80 -1.13 0.00	38.20 -0.94 0.00

OUTOKUMPU-AB___DRP 24206	49.69 0.11 0.00	38.27 0.20 0.00	38.83 -0.07 0.00	38.65 -0.25 0.00	36.38 -0.74 0.00	41.23 -1.06 0.00	64.81 -2.66 0.00	54.11 -3.14 0.00	45.60 -2.92 0.00	33.50 -1.63 0.00	29.37 -1.00 0.00	27.24 -0.44 0.00	29.17 -0.24 0.00	30.36 -0.40 0.00	30.78 -0.26 0.00	37.57 -0.60 0.00	38.93 -1.54 0.00	45.71 -2.93 0.00	47.03 -3.13 0.00	42.09 -2.80 0.00	38.19 -2.60 0.00	39.06 -2.33 0.00	39.54 -1.39 0.00	38.54 -0.60 0.00
OXBOW___BTM 323836	49.30 -0.29 0.00	37.97 -0.10 0.00	38.56 -0.35 0.00	38.36 -0.55 0.00	36.10 -1.02 0.00	40.90 -1.39 0.00	64.29 -3.18 0.00	53.66 -3.59 0.00	45.21 -3.32 0.00	33.20 -1.92 0.00	29.14 -1.22 0.00	27.07 -0.61 0.00	28.98 -0.42 0.00	30.16 -0.59 0.00	30.59 -0.44 0.00	37.34 -0.83 0.00	38.66 -1.82 0.00	45.22 -3.42 0.00	46.49 -3.67 0.00	41.17 -3.26 0.46	36.43 -2.94 1.42	36.79 -2.63 1.96	36.41 -1.62 2.90	37.08 -0.82 1.26
OXBOW___ 24026	49.30 -0.28 0.00	37.97 -0.11 0.00	38.56 -0.35 0.00	38.36 -0.55 0.00	36.10 -1.01 0.00	40.91 -1.38 0.00	64.29 -3.18 0.00	53.67 -3.58 0.00	45.20 -3.32 0.00	33.23 -1.90 0.00	29.15 -1.21 0.00	27.07 -0.61 0.00	28.98 -0.42 0.00	30.16 -0.59 0.00	30.60 -0.44 0.00	37.34 -0.82 0.00	38.65 -1.82 0.00	45.22 -3.42 0.00	46.50 -3.66 0.00	41.63 -3.26 0.00	37.81 -2.97 0.00	38.73 -2.66 0.00	39.27 -1.65 0.00	38.32 -0.83 0.00
OXY_CHEM_DSASP 323612	48.99 -0.60 0.00	37.75 -0.32 0.00	38.35 -0.56 0.00	38.17 -0.74 0.00	35.90 -1.21 0.00	40.67 -1.62 0.00	63.90 -3.57 0.00	53.30 -3.95 0.00	44.87 -3.66 0.00	33.01 -2.12 0.00	28.96 -1.40 0.00	26.91 -0.77 0.00	28.83 -0.57 0.00	30.01 -0.75 0.00	30.45 -0.58 0.00	37.17 -1.00 0.00	38.41 -2.06 0.00	44.78 -3.87 0.00	46.01 -4.16 0.00	41.20 -3.69 0.00	37.47 -3.31 0.00	38.43 -2.96 0.00	39.06 -1.87 0.00	38.14 -1.01 0.00
OZONE_PARK_ESR 323760	51.45 1.86 0.00	39.54 1.46 0.00	40.34 1.43 0.00	40.41 1.50 0.00	38.70 1.59 0.00	44.25 1.96 0.00	70.76 3.29 0.00	60.05 2.79 0.00	51.03 2.50 0.00	37.03 1.90 0.00	31.94 1.58 0.00	29.05 1.38 0.00	30.95 1.45 -0.09	32.24 1.48 0.00	32.49 1.46 0.00	39.91 1.74 0.00	42.49 2.02 0.00	51.06 2.42 0.00	52.96 2.80 0.00	47.55 2.66 0.00	43.47 2.68 0.00	44.16 2.78 0.00	43.42 2.50 0.00	41.22 2.07 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	48.99 -0.60 0.00	37.75 -0.32 0.00	38.35 -0.56 0.00	38.17 -0.74 0.00	35.90 -1.21 0.00	40.67 -1.62 0.00	63.90 -3.57 0.00	53.30 -3.95 0.00	44.87 -3.66 0.00	33.01 -2.12 0.00	28.96 -1.40 0.00	26.91 -0.77 0.00	28.83 -0.57 0.00	30.01 -0.75 0.00	30.45 -0.58 0.00	37.17 -1.00 0.00	38.41 -2.06 0.00	44.78 -3.87 0.00	46.01 -4.16 0.00	41.20 -3.69 0.00	37.47 -3.31 0.00	38.43 -2.96 0.00	39.06 -1.87 0.00	38.14 -1.01 0.00
PACKARD___115KV_DUPONT_184 80571	48.98 -0.60 0.00	37.75 -0.33 0.00	38.35 -0.55 0.00	38.17 -0.74 0.00	35.91 -1.21 0.00	40.65 -1.64 0.00	63.91 -3.56 0.00	53.31 -3.95 0.00	44.87 -3.66 0.00	32.99 -2.14 0.00	28.96 -1.40 0.00	26.92 -0.76 0.00	28.83 -0.57 0.00	30.01 -0.75 0.00	30.44 -0.59 0.00	37.16 -1.01 0.00	38.41 -2.06 0.00	44.78 -3.86 0.00	46.00 -4.17 0.00	40.75 -3.68 0.46	36.08 -3.28 1.43	36.49 -2.93 1.97	36.19 -1.84 2.90	36.89 -1.00 1.26
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.99 1.41 0.00	39.27 1.20 0.00	40.08 1.17 0.00	40.16 1.25 0.00	38.47 1.36 0.00	43.92 1.63 0.00	70.32 2.85 0.00	59.62 2.37 0.00	50.69 2.16 0.00	36.73 1.61 0.00	31.70 1.34 0.00	28.78 1.10 0.00	30.69 1.19 -0.09	31.95 1.19 0.00	32.18 1.14 0.00	39.55 1.39 0.00	42.08 1.61 0.00	50.56 1.92 0.00	52.50 2.34 0.00	47.11 2.22 0.00	43.08 2.29 0.00	43.78 2.39 0.00	43.02 2.09 0.00	40.87 1.72 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.00 2.42 0.00	40.05 1.98 0.00	40.87 1.96 0.00	40.96 2.05 0.00	39.28 2.16 0.00	44.85 2.55 0.00	71.86 4.39 0.00	60.86 3.61 0.00	51.69 3.16 0.00	37.44 2.32 0.00	32.31 1.95 0.00	29.33 1.65 0.00	31.27 1.77 -0.09	32.55 1.79 0.00	32.76 1.73 0.00	40.25 2.08 0.00	42.82 2.35 0.00	51.42 2.78 0.00	53.42 3.26 0.00	47.93 3.04 0.00	43.79 3.01 0.00	44.52 3.13 0.00	43.76 2.84 0.00	41.59 2.44 0.00
PATROON___115KV_TB1 80586	49.77 0.18 0.00	38.23 0.15 0.00	39.08 0.17 0.00	39.13 0.23 0.00	37.45 0.34 0.00	42.66 0.37 0.00	68.24 0.77 0.00	58.12 0.87 0.00	49.17 0.65 0.00	35.43 0.30 0.00	30.50 0.14 0.00	27.70 0.03 0.00	29.31 -0.03 0.06	30.82 0.06 0.00	31.18 0.14 0.00	38.41 0.24 0.00	40.95 0.48 0.00	49.39 0.75 0.00	50.90 0.73 0.00	45.63 0.74 0.00	41.72 0.94 0.00	42.33 0.94 0.00	41.67 0.75 0.00	39.57 0.42 0.00
PATTRSNVILLE___SOLAR 323815	50.65 1.06 0.00	38.86 0.78 0.00	39.73 0.82 0.00	39.73 0.82 0.00	37.96 0.85 0.00	43.28 0.99 0.00	69.14 1.67 0.00	58.71 1.46 0.00	49.61 1.08 0.00	35.66 0.54 0.00	30.63 0.27 0.00	27.82 0.14 0.00	29.50 0.15 0.05	30.96 0.20 0.00	31.31 0.28 0.00	38.66 0.49 0.00	41.28 0.80 0.00	49.85 1.21 0.00	51.45 1.29 0.00	46.08 1.19 0.00	41.96 1.17 0.00	42.55 1.17 0.00	42.00 1.08 0.00	40.02 0.87 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	49.64 0.06 0.00	38.11 0.04 0.00	38.68 -0.23 0.00	38.56 -0.35 0.00	36.32 -0.79 0.00	41.30 -0.99 0.00	65.03 -2.44 0.00	54.37 -2.88 0.00	45.77 -2.76 0.00	33.58 -1.55 0.00	29.47 -0.89 0.00	27.30 -0.38 0.00	29.22 -0.18 0.00	30.43 -0.33 0.00	30.83 -0.21 0.00	37.63 -0.54 0.00	39.10 -1.37 0.00	46.22 -2.42 0.00	47.58 -2.59 0.00	42.57 -2.32 0.00	38.49 -2.29 0.00	39.35 -2.03 0.00	39.60 -1.33 0.00	38.50 -0.65 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.27 1.68 0.00	39.35 1.28 0.00	40.17 1.26 0.00	40.24 1.34 0.00	38.53 1.41 0.00	44.04 1.75 0.00	70.50 3.02 0.00	59.88 2.62 0.00	50.81 2.29 0.00	36.77 1.65 0.00	31.68 1.32 0.00	28.79 1.11 0.00	30.63 1.15 -0.08	31.92 1.16 0.00	32.19 1.15 0.00	39.62 1.45 0.00	42.24 1.77 0.00	50.85 2.21 0.00	52.68 2.52 0.00	47.29 2.40 0.00	43.24 2.45 0.00	43.88 2.50 0.00	43.15 2.22 0.00	40.95 1.80 0.00
PEEKSKILL___ 23653	50.83 1.24 0.00	39.02 0.94 0.00	39.80 0.90 0.00	39.89 0.99 0.00	38.21 1.09 0.00	43.71 1.42 0.00	69.97 2.50 0.00	59.38 2.12 0.00	50.38 1.86 0.00	36.46 1.34 0.00	31.44 1.08 0.00	28.58 0.90 0.00	30.45 0.96 -0.09	31.71 0.96 0.00	31.94 0.91 0.00	39.28 1.12 0.00	41.86 1.38 0.00	50.38 1.73 0.00	52.24 2.07 0.00	46.89 2.00 0.00	42.84 2.06 0.00	43.50 2.12 0.00	42.80 1.87 0.00	40.63 1.48 0.00
PGE MADISON___WINDPWR 24146	52.82 3.24 0.00	40.44 2.36 0.00	41.24 2.33 0.00	41.24 2.34 0.00	39.32 2.21 0.00	44.84 2.55 0.00	71.89 4.42 0.00	61.03 3.77 0.00	51.38 2.85 0.00	36.71 1.59 0.00	31.64 1.28 0.00	28.94 1.26 0.00	30.78 1.38 0.00	32.19 1.43 0.00	32.38 1.35 0.00	39.76 1.60 0.00	42.01 1.54 0.00	51.14 2.50 0.00	52.88 2.72 0.00	46.89 2.00 0.00	42.13 1.35 0.00	42.39 1.01 0.00	41.83 0.91 0.00	40.17 1.03 0.00

PIERCEFIELD___HYD 23852	51.35 1.77 0.00	39.44 1.36 0.00	40.27 1.37 0.00	40.22 1.32 0.00	38.31 1.19 0.00	43.62 1.33 0.00	69.65 2.17 0.00	59.12 1.87 0.00	50.21 1.69 0.00	36.48 1.35 0.00	31.60 1.24 0.00	28.76 1.08 0.00	30.42 1.02 0.00	31.75 0.99 0.00	32.12 1.09 0.00	39.66 1.49 0.00	41.94 1.47 0.00	50.08 1.44 0.00	51.44 1.27 0.00	46.11 1.22 0.00	41.71 0.92 0.00	42.39 1.00 0.00	41.99 1.07 0.00	40.12 0.97 0.00
PINELAWN_CC_1 323563	59.95 1.88 -8.48	66.87 1.37 -27.43	54.44 1.39 -14.14	55.02 1.42 -14.70	51.02 1.67 -12.24	46.23 2.39 -1.54	70.50 3.38 0.35	59.24 2.70 0.72	50.59 2.42 0.35	37.51 1.96 -0.42	43.57 1.46 -11.74	28.88 1.20 0.00	30.64 1.15 -0.09	31.68 0.92 0.00	31.58 0.66 0.10	37.73 0.66 1.10	40.11 0.94 1.30	48.01 1.02 1.65	49.89 1.46 1.73	44.78 1.36 1.47	41.47 2.04 1.36	43.18 2.60 0.80	42.98 2.26 0.20	41.61 1.83 -0.63
PJM_GEN_HTTP_PROXY 323702	51.05 1.46 0.00	39.23 1.16 0.00	40.05 1.14 0.00	40.13 1.22 0.00	38.43 1.32 0.00	50.85 1.66 -6.90	70.28 2.79 -0.02	59.60 2.35 0.00	49.83 2.11 0.81	35.77 1.60 0.96	31.69 1.32 0.00	28.81 1.13 0.00	30.71 1.21 -0.09	31.98 1.22 0.00	32.22 1.18 0.00	39.59 1.43 0.00	42.15 1.67 0.00	50.65 2.00 0.00	52.51 2.35 0.00	47.13 2.24 0.00	43.08 2.30 0.00	43.78 2.40 0.00	43.04 2.12 0.00	40.88 1.73 0.00
PJM_GEN_KEystone 24065	49.89 0.31 0.00	38.26 0.19 0.00	34.07 0.05 4.89	33.00 0.10 6.00	31.71 0.04 5.44	25.02 0.23 17.50	74.38 0.33 -6.58	332.17 -0.12 -275.03	9.68 -0.20 38.65	24.64 -0.08 10.40	30.44 0.08 0.00	27.90 0.23 0.00	29.81 0.35 -0.05	31.08 0.32 0.00	31.35 0.32 0.00	38.37 0.20 0.00	40.48 0.01 0.00	48.51 -0.13 0.00	50.14 -0.02 0.00	47.03 0.06 -2.08	37.13 0.04 3.69	39.60 0.14 1.92	38.30 0.22 2.84	38.17 0.25 1.23
PJM_GEN_NEPTUNE_PROXY 323594	58.72 1.62 -7.52	62.30 1.22 -23.01	51.88 1.24 -11.74	52.40 1.28 -12.22	48.77 1.51 -10.15	52.56 2.10 -8.17	70.53 3.04 -0.02	59.65 2.40 0.00	49.88 2.16 0.81	36.30 1.78 0.61	41.36 1.35 -9.65	28.73 1.05 0.00	30.53 1.03 -0.09	31.63 0.87 0.00	31.81 0.77 0.00	39.08 0.91 0.00	41.68 1.21 0.00	50.06 1.42 0.00	51.95 1.79 0.00	46.54 1.65 0.00	42.83 2.05 0.00	43.60 2.21 0.00	42.84 1.92 0.00	41.29 1.55 -0.60
PJM_GEN_VFT_PROXY 323633	50.80 1.22 0.00	39.05 0.98 0.00	39.86 0.95 0.00	39.94 1.04 0.00	38.25 1.14 0.00	50.64 1.45 -6.90	69.97 2.48 -0.02	59.36 2.10 0.00	49.64 1.92 0.81	35.63 1.46 0.96	31.58 1.22 0.00	28.72 1.04 0.00	30.61 1.12 -0.09	31.87 1.11 0.00	32.11 1.07 0.00	39.45 1.28 0.00	41.98 1.51 0.00	50.46 1.82 0.00	52.36 2.20 0.00	46.99 2.10 0.00	42.94 2.15 0.00	43.63 2.25 0.00	42.89 1.97 0.00	40.73 1.59 0.00
PLATSBURG_115KV_PMLD1 355749	50.71 1.12 0.00	38.90 0.83 0.00	39.70 0.79 0.00	39.72 0.81 0.00	38.03 0.92 0.00	43.45 1.15 0.00	68.86 1.39 0.00	58.35 1.10 0.00	49.46 0.93 0.00	36.09 0.96 0.00	31.30 0.94 0.00	28.66 0.98 0.00	30.44 1.03 0.00	31.82 1.06 0.00	32.10 1.07 0.00	39.75 1.58 0.00	42.09 1.62 0.00	49.92 1.28 0.00	51.17 1.00 0.00	45.47 0.58 0.00	40.85 0.06 0.00	41.61 0.22 0.00	41.52 0.60 0.00	39.70 0.55 0.00
PLEASANTVLY___LBMP 24000	50.56 0.97 0.00	38.83 0.75 0.00	39.64 0.74 0.00	39.73 0.82 0.00	38.04 0.93 0.00	43.48 1.19 0.00	69.52 2.05 0.00	59.01 1.76 0.00	50.04 1.52 0.00	36.21 1.08 0.00	31.20 0.84 0.00	28.35 0.67 0.00	30.20 0.70 -0.10	31.47 0.71 0.00	31.72 0.68 0.00	39.04 0.88 0.00	41.64 1.17 0.00	50.10 1.46 0.00	51.85 1.69 0.00	46.55 1.66 0.00	42.60 1.81 0.00	43.26 1.87 0.00	42.56 1.63 0.00	40.39 1.24 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.95 1.36 0.00	39.12 1.05 0.00	39.96 1.05 0.00	40.04 1.13 0.00	38.34 1.23 0.00	43.86 1.57 0.00	70.12 2.64 0.00	59.49 2.24 0.00	50.50 1.97 0.00	36.57 1.44 0.00	31.52 1.16 0.00	28.66 0.97 0.00	30.51 1.02 -0.09	31.79 1.03 0.00	32.04 1.01 0.00	39.41 1.24 0.00	41.98 1.52 0.00	50.50 1.86 0.00	52.33 2.16 0.00	46.97 2.08 0.00	42.97 2.18 0.00	43.64 2.25 0.00	42.93 2.01 0.00	40.75 1.60 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.95 1.36 0.00	39.12 1.05 0.00	39.96 1.05 0.00	40.04 1.13 0.00	38.34 1.23 0.00	43.86 1.57 0.00	70.12 2.64 0.00	59.49 2.24 0.00	50.50 1.97 0.00	36.57 1.44 0.00	31.52 1.16 0.00	28.66 0.97 0.00	30.51 1.02 -0.09	31.79 1.03 0.00	32.04 1.01 0.00	39.41 1.24 0.00	41.98 1.52 0.00	50.50 1.86 0.00	52.33 2.16 0.00	46.97 2.08 0.00	42.97 2.18 0.00	43.64 2.25 0.00	42.93 2.01 0.00	40.75 1.60 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.03 1.44 0.00	39.16 1.09 0.00	39.98 1.07 0.00	40.05 1.15 0.00	38.35 1.24 0.00	43.83 1.54 0.00	70.11 2.64 0.00	59.53 2.27 0.00	50.50 1.98 0.00	36.52 1.39 0.00	31.44 1.07 0.00	28.55 0.86 0.00	30.26 0.86 0.00	31.62 0.86 0.00	31.91 0.88 0.00	39.33 1.16 0.00	41.99 1.52 0.00	50.58 1.94 0.00	52.38 2.22 0.00	47.05 2.15 0.00	43.00 2.22 0.00	43.64 2.26 0.00	42.93 2.00 0.00	40.73 1.58 0.00
POLETTI_____ 23519	50.32 0.73 0.00	36.92 0.67 1.82	28.14 0.60 11.36	28.14 0.67 11.44	37.17 0.81 0.76	43.30 1.02 0.01	68.88 1.93 0.52	58.87 1.62 0.01	50.07 1.54 0.00	36.30 1.18 0.00	31.35 0.99 0.00	28.45 0.77 0.00	30.31 0.82 -0.09	31.56 0.80 0.00	31.78 0.75 0.00	39.06 0.89 0.00	41.56 1.09 0.00	49.94 1.29 0.00	51.87 1.70 0.00	46.53 1.64 0.00	42.56 1.77 0.00	43.27 1.89 0.00	42.51 1.58 0.00	40.37 1.22 0.00
POMONA___ESR 323819	50.86 1.27 0.00	39.01 0.94 0.00	39.79 0.88 0.00	39.88 0.98 0.00	38.20 1.09 0.00	43.72 1.43 0.00	70.08 2.61 0.00	59.45 2.19 0.00	50.45 1.92 0.00	36.51 1.38 0.00	31.46 1.10 0.00	28.61 0.93 0.00	30.50 1.02 -0.09	31.78 1.02 0.00	32.01 0.97 0.00	39.34 1.17 0.00	41.89 1.41 0.00	50.46 1.81 0.00	52.34 2.18 0.00	46.98 2.09 0.00	42.90 2.11 0.00	43.56 2.17 0.00	42.84 1.91 0.00	40.69 1.54 0.00
PORT_JEFF_3 23555	55.16 1.52 -4.04	60.06 1.03 -20.95	51.59 1.15 -11.53	52.03 1.21 -11.91	48.60 1.47 -10.01	45.90 2.25 -1.36	68.40 2.98 2.04	55.28 2.16 4.13	48.46 1.96 2.02	37.23 1.73 -0.37	42.05 1.34 -10.35	28.75 1.07 0.00	30.49 0.99 -0.09	31.51 0.75 0.00	31.09 0.67 0.61	32.67 0.83 6.33	34.10 1.14 7.52	40.41 1.29 9.52	41.70 1.52 9.98	37.85 1.41 8.45	35.01 2.03 7.81	39.10 2.34 4.63	41.89 2.15 1.18	40.89 1.66 -0.08
PORT_JEFF_4 23616	55.16 1.52 -4.04	60.06 1.03 -20.95	51.59 1.15 -11.53	52.03 1.21 -11.91	48.60 1.47 -10.01	45.90 2.25 -1.36	68.40 2.98 2.04	55.28 2.16 4.13	48.46 1.96 2.02	37.23 1.73 -0.37	42.05 1.34 -10.35	28.75 1.07 0.00	30.49 0.99 -0.09	31.51 0.75 0.00	31.09 0.67 0.61	32.67 0.83 6.33	34.10 1.14 7.52	40.41 1.29 9.52	41.70 1.52 9.98	37.85 1.41 8.45	35.01 2.03 7.81	39.10 2.34 4.63	41.89 2.15 1.18	40.89 1.66 -0.08

PORT_JEFF_IC 23713	56.01 1.61 -4.82	60.93 1.08 -21.77	51.89 1.18 -11.80	52.37 1.26 -12.21	48.87 1.51 -10.24	45.97 2.31 -1.37	68.89 3.10 1.68	56.15 2.29 3.39	48.93 2.07 1.66	37.29 1.79 -0.37	42.14 1.37 -10.41	28.78 1.10 0.00	30.54 1.04 -0.09	31.55 0.79 0.00	31.25 0.72 0.50	33.86 0.88 5.19	35.53 1.23 6.17	42.22 1.40 7.82	43.42 1.46 8.21	39.32 1.38 6.95	36.52 2.15 6.42	40.02 2.44 3.81	42.18 2.22 0.97	41.05 1.72 -0.18
PPL PILGRIM_ST_GT1 24216	56.35 1.93 -4.83	61.72 1.38 -22.27	52.38 1.38 -12.09	52.79 1.38 -12.51	49.28 1.68 -10.49	46.29 2.59 -1.41	69.18 3.49 1.78	56.36 2.72 3.61	49.19 2.44 1.77	37.61 2.10 -0.39	42.68 1.62 -10.70	29.03 1.35 0.00	30.80 1.30 -0.09	31.78 1.02 0.00	31.38 0.88 0.54	33.67 1.03 5.53	35.30 1.40 6.57	42.09 1.77 8.32	43.69 2.25 8.73	39.53 2.03 7.39	36.37 2.41 6.83	39.99 2.65 4.05	42.16 2.26 1.03	41.18 1.86 -0.17
PPL PILGRIM_ST_GT2 24217	56.35 1.93 -4.83	61.72 1.38 -22.27	52.38 1.38 -12.09	52.79 1.38 -12.51	49.28 1.68 -10.49	46.29 2.59 -1.41	69.18 3.49 1.78	56.36 2.72 3.61	49.19 2.44 1.77	37.61 2.10 -0.39	42.68 1.62 -10.70	29.03 1.35 0.00	30.80 1.30 -0.09	31.78 1.02 0.00	31.38 0.88 0.54	33.67 1.03 5.53	35.30 1.40 6.57	42.09 1.77 8.32	43.69 2.25 8.73	39.53 2.03 7.39	36.37 2.41 6.83	39.99 2.65 4.05	42.16 2.26 1.03	41.18 1.86 -0.17
PPL_SHRM_GT3 24213	55.25 1.38 -4.29	60.21 0.91 -21.23	51.47 0.93 -11.63	51.90 0.98 -12.02	48.47 1.26 -10.09	45.69 2.04 -1.36	68.28 2.74 1.93	55.44 2.10 3.91	48.52 1.91 1.92	37.06 1.56 -0.37	41.85 1.10 -10.39	28.52 0.84 0.00	30.24 0.74 -0.09	31.26 0.50 0.00	30.90 0.45 0.58	32.77 0.59 5.99	34.36 1.01 7.12	40.89 1.30 9.05	42.40 1.73 9.50	38.43 1.58 8.04	35.43 2.08 7.43	39.28 2.30 4.40	41.82 2.01 1.12	40.77 1.52 -0.11
PPL_SHRM_GT4 24214	55.25 1.38 -4.29	60.21 0.91 -21.23	51.47 0.93 -11.63	51.90 0.98 -12.02	48.47 1.26 -10.09	45.69 2.04 -1.36	68.28 2.74 1.93	55.44 2.10 3.91	48.52 1.91 1.92	37.06 1.56 -0.37	41.85 1.10 -10.39	28.52 0.84 0.00	30.24 0.74 -0.09	31.26 0.50 0.00	30.90 0.45 0.58	32.77 0.59 5.99	34.36 1.01 7.12	40.89 1.30 9.05	42.40 1.73 9.50	38.43 1.58 8.04	35.43 2.08 7.43	39.28 2.30 4.40	41.82 2.01 1.12	40.77 1.52 -0.11
PROJECT___ORANGE 1 24174	49.04 -0.55 0.00	37.62 -0.46 0.00	38.42 -0.49 0.00	38.42 -0.49 0.00	36.61 -0.50 0.00	41.76 -0.53 0.00	66.61 -0.86 0.00	56.47 -0.78 0.00	47.78 -0.74 0.00	34.60 -0.52 0.00	29.94 -0.43 0.00	27.33 -0.34 0.00	29.01 -0.39 0.00	30.31 -0.44 0.00	30.56 -0.47 0.00	37.46 -0.71 0.00	39.59 -0.88 0.00	47.69 -0.95 0.00	49.29 -0.88 0.00	44.11 -0.79 0.00	40.04 -0.74 0.00	40.66 -0.73 0.00	40.22 -0.70 0.00	38.61 -0.53 0.00
PROJECT___ORANGE 2 24166	49.04 -0.55 0.00	37.62 -0.46 0.00	38.42 -0.49 0.00	38.42 -0.49 0.00	36.61 -0.50 0.00	41.76 -0.53 0.00	66.61 -0.86 0.00	56.47 -0.78 0.00	47.78 -0.74 0.00	34.60 -0.52 0.00	29.94 -0.43 0.00	27.33 -0.34 0.00	29.01 -0.39 0.00	30.31 -0.44 0.00	30.56 -0.47 0.00	37.46 -0.71 0.00	39.59 -0.88 0.00	47.69 -0.95 0.00	49.29 -0.88 0.00	44.11 -0.79 0.00	40.04 -0.74 0.00	40.66 -0.73 0.00	40.22 -0.70 0.00	38.61 -0.53 0.00
PUCKETT___SOLAR 323809	50.59 1.00 0.00	38.74 0.67 0.00	39.52 0.61 0.00	39.55 0.64 0.00	37.69 0.57 0.00	43.07 0.78 0.00	68.77 1.30 0.00	58.14 0.88 0.00	49.03 0.50 0.00	35.28 0.16 0.00	30.50 0.14 0.00	27.86 0.18 0.00	29.77 0.37 0.00	31.20 0.44 0.00	31.28 0.25 0.00	38.36 0.19 0.00	40.61 0.14 0.00	48.99 0.35 0.00	50.66 0.49 0.00	45.32 0.30 -0.13	41.22 0.01 -0.42	41.95 -0.02 -0.58	41.82 0.04 -0.86	39.69 0.17 -0.37
PYRITES___HYD 24023	52.00 2.42 0.00	39.93 1.86 0.00	40.79 1.88 0.00	40.73 1.82 0.00	38.77 1.66 0.00	44.16 1.87 0.00	70.56 3.09 0.00	59.90 2.65 0.00	50.87 2.34 0.00	36.91 1.78 0.00	32.01 1.65 0.00	29.06 1.38 0.00	30.59 1.18 0.00	31.84 1.09 0.00	32.29 1.26 0.00	39.96 1.79 0.00	42.32 1.85 0.00	50.96 2.32 0.00	52.46 2.30 0.00	46.98 2.09 0.00	42.46 1.68 0.00	43.08 1.70 0.00	42.68 1.75 0.00	40.77 1.62 0.00
QUAKERRD_115KV_BK1 80622	48.42 -1.17 0.00	37.19 -0.89 0.00	37.90 -1.01 0.00	37.81 -1.09 0.00	35.91 -1.20 0.00	40.88 -1.41 0.00	64.96 -2.52 0.00	54.90 -2.35 0.00	46.39 -2.13 0.00	33.75 -1.38 0.00	29.29 -1.07 0.00	26.87 -0.82 0.00	28.60 -0.80 0.00	29.86 -0.90 0.00	30.09 -0.94 0.00	36.87 -1.29 0.00	38.82 -1.65 0.00	46.54 -2.11 0.00	48.07 -2.10 0.00	43.00 -1.89 0.00	38.99 -1.79 0.00	39.62 -1.77 0.00	39.44 -1.49 0.00	38.01 -1.14 0.00
QUENSBRY_115KV_TB8 356137	51.58 1.99 0.00	39.50 1.43 0.00	40.47 1.56 0.00	40.48 1.57 0.00	38.72 1.60 0.00	44.15 1.86 0.00	70.62 3.15 0.00	60.08 2.83 0.00	50.58 2.06 0.00	36.17 1.05 0.00	30.84 0.48 0.00	27.96 0.28 0.00	29.57 0.24 0.07	31.20 0.45 0.00	31.68 0.64 0.00	39.33 1.17 0.00	42.28 1.81 0.00	51.25 2.61 0.00	52.69 2.53 0.00	47.17 2.28 0.00	43.14 2.35 0.00	43.69 2.30 0.00	42.99 2.06 0.00	40.74 1.59 0.00
RAMAPO___LBMP 323565	50.73 1.14 0.00	38.92 0.84 0.00	39.69 0.78 0.00	39.78 0.87 0.00	38.10 0.99 0.00	43.62 1.33 0.00	69.92 2.44 0.00	59.32 2.07 0.00	50.33 1.80 0.00	36.37 1.25 0.00	31.34 0.98 0.00	28.50 0.82 0.00	30.39 0.90 -0.09	31.65 0.89 0.00	31.88 0.84 0.00	39.17 1.01 0.00	41.72 1.25 0.00	50.27 1.63 0.00	52.17 2.00 0.00	46.83 1.94 0.00	42.76 1.98 0.00	43.40 2.01 0.00	42.69 1.76 0.00	40.55 1.40 0.00
RANKINE____ 23646	49.78 0.19 0.00	38.26 0.18 0.00	38.80 -0.10 0.00	38.65 -0.26 0.00	36.36 -0.75 0.00	41.28 -1.01 0.00	64.95 -2.52 0.00	54.31 -2.95 0.00	45.76 -2.77 0.00	33.59 -1.54 0.00	29.48 -0.88 0.00	27.31 -0.37 0.00	29.24 -0.16 0.00	30.45 -0.31 0.00	30.85 -0.18 0.00	37.68 -0.48 0.00	39.12 -1.35 0.00	46.17 -2.47 0.00	47.50 -2.67 0.00	42.43 -2.46 0.00	38.37 -2.42 0.00	39.22 -2.17 0.00	39.53 -1.39 0.00	38.48 -0.67 0.00
RAVENSWOOD_GT2_1 24244	51.05 1.47 0.00	39.26 1.18 0.00	40.07 1.17 0.00	40.16 1.25 0.00	38.47 1.35 0.00	43.98 1.68 0.00	70.28 2.80 0.00	59.63 2.37 0.00	50.66 2.13 0.00	36.74 1.61 0.00	31.71 1.35 0.00	28.83 1.15 0.00	30.72 1.22 -0.09	31.99 1.23 0.00	32.23 1.19 0.00	39.61 1.44 0.00	42.16 1.69 0.00	50.65 2.01 0.00	52.53 2.37 0.00	47.15 2.26 0.00	43.11 2.33 0.00	43.81 2.42 0.00	43.07 2.15 0.00	40.90 1.75 0.00
RAVENSWOOD_GT2_2 24245	51.05 1.47 0.00	39.26 1.18 0.00	40.07 1.17 0.00	40.16 1.25 0.00	38.47 1.35 0.00	43.98 1.68 0.00	70.28 2.80 0.00	59.63 2.37 0.00	50.66 2.13 0.00	36.74 1.61 0.00	31.71 1.35 0.00	28.83 1.15 0.00	30.72 1.22 -0.09	31.99 1.23 0.00	32.23 1.19 0.00	39.61 1.44 0.00	42.16 1.69 0.00	50.65 2.01 0.00	52.53 2.37 0.00	47.15 2.26 0.00	43.11 2.33 0.00	43.81 2.42 0.00	43.07 2.15 0.00	40.90 1.75 0.00



RAVENSWOOD_GT2_3 24246	51.08 1.49 0.00	39.27 1.20 0.00	40.09 1.18 0.00	40.17 1.27 0.00	38.48 1.36 0.00	43.99 1.70 0.00	70.32 2.85 0.00	59.65 2.39 0.00	50.68 2.16 0.00	36.76 1.63 0.00	31.72 1.36 0.00	28.85 1.17 0.00	30.74 1.24 -0.09	32.01 1.25 0.00	32.25 1.21 0.00	39.63 1.47 0.00	42.18 1.71 0.00	50.69 2.05 0.00	52.56 2.39 0.00	47.17 2.29 0.00	43.14 2.35 0.00	43.83 2.44 0.00	43.10 2.17 0.00	40.92 1.77 0.00
RAVENSWOOD_GT2_4 24247	51.08 1.49 0.00	39.27 1.20 0.00	40.09 1.18 0.00	40.17 1.27 0.00	38.48 1.36 0.00	43.99 1.70 0.00	70.32 2.85 0.00	59.65 2.39 0.00	50.68 2.16 0.00	36.76 1.63 0.00	31.72 1.36 0.00	28.85 1.17 0.00	30.74 1.24 -0.09	32.01 1.25 0.00	32.25 1.21 0.00	39.63 1.47 0.00	42.18 1.71 0.00	50.69 2.05 0.00	52.56 2.39 0.00	47.17 2.29 0.00	43.14 2.35 0.00	43.83 2.44 0.00	43.10 2.17 0.00	40.92 1.77 0.00
RAVENSWOOD_GT3_1 24248	51.06 1.47 0.00	39.26 1.19 0.00	40.08 1.18 0.00	40.17 1.26 0.00	38.47 1.35 0.00	43.98 1.68 0.00	70.28 2.81 0.00	59.63 2.37 0.00	50.66 2.14 0.00	36.75 1.63 0.00	31.71 1.35 0.00	28.83 1.15 0.00	30.72 1.23 -0.09	31.99 1.23 0.00	32.23 1.20 0.00	39.61 1.45 0.00	42.17 1.70 0.00	50.66 2.01 0.00	52.54 2.37 0.00	47.15 2.26 0.00	43.12 2.34 0.00	43.81 2.43 0.00	43.08 2.15 0.00	40.90 1.75 0.00
RAVENSWOOD_GT3_2 24249	51.06 1.47 0.00	39.26 1.19 0.00	40.08 1.18 0.00	40.17 1.26 0.00	38.47 1.35 0.00	43.98 1.68 0.00	70.28 2.81 0.00	59.63 2.37 0.00	50.66 2.14 0.00	36.75 1.63 0.00	31.71 1.35 0.00	28.83 1.15 0.00	30.72 1.23 -0.09	31.99 1.23 0.00	32.23 1.20 0.00	39.61 1.45 0.00	42.17 1.70 0.00	50.66 2.01 0.00	52.54 2.37 0.00	47.15 2.26 0.00	43.12 2.34 0.00	43.81 2.43 0.00	43.08 2.15 0.00	40.90 1.75 0.00
RAVENSWOOD_GT3_3 24250	51.13 1.55 0.00	39.31 1.23 0.00	40.13 1.22 0.00	40.21 1.30 0.00	38.51 1.40 0.00	44.03 1.74 0.00	70.38 2.91 0.00	59.71 2.46 0.00	50.73 2.21 0.00	36.80 1.67 0.00	31.75 1.39 0.00	28.88 1.20 0.00	30.77 1.27 -0.09	32.04 1.28 0.00	32.28 1.25 0.00	39.68 1.51 0.00	42.23 1.76 0.00	50.74 2.10 0.00	52.62 2.45 0.00	47.22 2.33 0.00	43.18 2.39 0.00	43.88 2.49 0.00	43.14 2.21 0.00	40.95 1.81 0.00
RAVENSWOOD_GT3_4 24251	51.13 1.55 0.00	39.31 1.23 0.00	40.13 1.22 0.00	40.21 1.30 0.00	38.51 1.40 0.00	44.03 1.74 0.00	70.38 2.91 0.00	59.71 2.46 0.00	50.73 2.21 0.00	36.80 1.67 0.00	31.75 1.39 0.00	28.88 1.20 0.00	30.77 1.27 -0.09	32.04 1.28 0.00	32.28 1.25 0.00	39.68 1.51 0.00	42.23 1.76 0.00	50.74 2.10 0.00	52.62 2.45 0.00	47.22 2.33 0.00	43.18 2.39 0.00	43.88 2.49 0.00	43.14 2.21 0.00	40.95 1.81 0.00
RAVENSWOOD_GT_1 23729	51.04 1.46 0.00	39.33 1.26 0.00	40.15 1.25 0.00	40.24 1.33 0.00	38.56 1.44 0.00	44.01 1.72 0.00	70.35 2.87 0.00	59.66 2.41 0.00	50.71 2.19 0.00	36.83 1.71 0.00	31.80 1.44 0.00	28.91 1.23 0.00	30.81 1.32 -0.09	32.08 1.32 0.00	32.32 1.28 0.00	39.71 1.54 0.00	42.23 1.76 0.00	50.66 2.02 0.00	52.56 2.40 0.00	47.17 2.28 0.00	43.16 2.37 0.00	43.87 2.49 0.00	43.12 2.19 0.00	40.96 1.82 0.00
RAVENSWOOD_GT_10 24258	51.07 1.48 0.00	39.27 1.20 0.00	40.08 1.18 0.00	40.17 1.26 0.00	38.47 1.35 0.00	43.98 1.69 0.00	70.29 2.82 0.00	59.64 2.39 0.00	50.67 2.14 0.00	36.75 1.63 0.00	31.71 1.35 0.00	28.83 1.15 0.00	30.72 1.23 -0.09	31.99 1.23 0.00	32.23 1.20 0.00	39.61 1.45 0.00	42.17 1.70 0.00	50.67 2.02 0.00	52.55 2.38 0.00	47.15 2.27 0.00	43.12 2.34 0.00	43.82 2.43 0.00	43.09 2.16 0.00	40.90 1.75 0.00
RAVENSWOOD_GT_11 24259	51.07 1.48 0.00	39.27 1.20 0.00	40.08 1.18 0.00	40.17 1.26 0.00	38.47 1.35 0.00	43.98 1.69 0.00	70.29 2.82 0.00	59.64 2.39 0.00	50.67 2.14 0.00	36.75 1.63 0.00	31.71 1.35 0.00	28.83 1.15 0.00	30.72 1.23 -0.09	31.99 1.23 0.00	32.23 1.20 0.00	39.61 1.45 0.00	42.17 1.70 0.00	50.67 2.02 0.00	52.55 2.38 0.00	47.15 2.27 0.00	43.12 2.34 0.00	43.82 2.43 0.00	43.09 2.16 0.00	40.90 1.75 0.00
RAVENSWOOD_GT_4 24252	50.99 1.40 0.00	39.24 1.16 0.00	40.06 1.15 0.00	40.14 1.24 0.00	38.46 1.34 0.00	43.94 1.65 0.00	70.22 2.75 0.00	59.57 2.32 0.00	50.62 2.10 0.00	36.74 1.61 0.00	31.72 1.36 0.00	28.83 1.15 0.00	30.73 1.23 -0.09	31.99 1.24 0.00	32.23 1.20 0.00	39.61 1.45 0.00	42.14 1.67 0.00	50.60 1.96 0.00	52.50 2.33 0.00	47.11 2.22 0.00	43.09 2.30 0.00	43.78 2.40 0.00	43.04 2.12 0.00	40.88 1.73 0.00
RAVENSWOOD_GT_5 24254	50.99 1.40 0.00	39.24 1.16 0.00	40.06 1.15 0.00	40.14 1.24 0.00	38.46 1.34 0.00	43.94 1.65 0.00	70.22 2.75 0.00	59.57 2.32 0.00	50.62 2.10 0.00	36.74 1.61 0.00	31.72 1.36 0.00	28.83 1.15 0.00	30.73 1.23 -0.09	31.99 1.24 0.00	32.23 1.20 0.00	39.61 1.45 0.00	42.14 1.67 0.00	50.60 1.96 0.00	52.50 2.33 0.00	47.11 2.22 0.00	43.09 2.30 0.00	43.78 2.40 0.00	43.04 2.12 0.00	40.88 1.73 0.00
RAVENSWOOD_GT_6 24253	50.99 1.40 0.00	39.24 1.16 0.00	40.06 1.15 0.00	40.14 1.24 0.00	38.46 1.34 0.00	43.94 1.65 0.00	70.22 2.75 0.00	59.57 2.32 0.00	50.62 2.10 0.00	36.74 1.61 0.00	31.72 1.36 0.00	28.83 1.15 0.00	30.73 1.23 -0.09	31.99 1.24 0.00	32.23 1.20 0.00	39.61 1.45 0.00	42.14 1.67 0.00	50.60 1.96 0.00	52.50 2.33 0.00	47.11 2.22 0.00	43.09 2.30 0.00	43.78 2.40 0.00	43.04 2.12 0.00	40.88 1.73 0.00
RAVENSWOOD_GT_7 24255	50.99 1.40 0.00	39.24 1.16 0.00	40.06 1.15 0.00	40.14 1.24 0.00	38.46 1.34 0.00	43.94 1.65 0.00	70.22 2.75 0.00	59.57 2.32 0.00	50.62 2.10 0.00	36.74 1.61 0.00	31.72 1.36 0.00	28.83 1.15 0.00	30.73 1.23 -0.09	31.99 1.24 0.00	32.23 1.20 0.00	39.61 1.45 0.00	42.14 1.67 0.00	50.60 1.96 0.00	52.50 2.33 0.00	47.11 2.22 0.00	43.09 2.30 0.00	43.78 2.40 0.00	43.04 2.12 0.00	40.88 1.73 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.07 1.48 0.00	39.27 1.20 0.00	40.08 1.18 0.00	40.17 1.26 0.00	38.47 1.35 0.00	43.98 1.69 0.00	70.29 2.82 0.00	59.64 2.39 0.00	50.67 2.14 0.00	36.75 1.63 0.00	31.71 1.35 0.00	28.83 1.15 0.00	30.72 1.23 -0.09	31.99 1.23 0.00	32.23 1.20 0.00	39.61 1.45 0.00	42.17 1.70 0.00	50.67 2.02 0.00	52.55 2.38 0.00	47.15 2.27 0.00	43.12 2.34 0.00	43.82 2.43 0.00	43.09 2.16 0.00	40.90 1.75 0.00
RAVENSWOOD_GT_9 24257	51.07 1.48 0.00	39.27 1.20 0.00	40.08 1.18 0.00	40.17 1.26 0.00	38.47 1.35 0.00	43.98 1.69 0.00	70.29 2.82 0.00	59.64 2.39 0.00	50.67 2.14 0.00	36.75 1.63 0.00	31.71 1.35 0.00	28.83 1.15 0.00	30.72 1.23 -0.09	31.99 1.23 0.00	32.23 1.20 0.00	39.61 1.45 0.00	42.17 1.70 0.00	50.67 2.02 0.00	52.55 2.38 0.00	47.15 2.27 0.00	43.12 2.34 0.00	43.82 2.43 0.00	43.09 2.16 0.00	40.90 1.75 0.00

RAVENSWOOD___1 23533	50.94 1.35 0.00	39.25 1.18 0.00	40.07 1.16 0.00	40.16 1.25 0.00	38.47 1.36 0.00	43.92 1.63 0.00	70.19 2.72 0.00	59.54 2.28 0.00	50.61 2.09 0.00	36.76 1.63 0.00	31.74 1.38 0.00	28.85 1.17 0.00	30.75 1.26 -0.09	32.02 1.26 0.00	32.26 1.22 0.00	39.63 1.47 0.00	42.14 1.67 0.00	50.58 1.94 0.00	52.47 2.30 0.00	47.08 2.19 0.00	43.06 2.27 0.00	43.77 2.39 0.00	43.01 2.09 0.00	40.88 1.73 0.00
RAVENSWOOD___2 23534	50.54 0.96 0.00	39.01 0.93 0.00	39.85 0.94 0.00	39.96 1.05 0.00	38.35 1.24 0.00	43.64 1.35 0.00	69.67 2.20 0.00	59.11 1.85 0.00	50.25 1.73 0.00	36.56 1.43 0.00	31.69 1.33 0.00	28.81 1.13 0.00	30.70 1.21 -0.09	31.98 1.22 0.00	32.21 1.18 0.00	39.57 1.40 0.00	42.00 1.53 0.00	50.24 1.60 0.00	52.09 1.93 0.00	46.74 1.85 0.00	42.75 1.97 0.00	43.46 2.08 0.00	42.70 1.78 0.00	40.60 1.46 0.00
RAVENSWOOD___3 23535	51.07 1.48 0.00	39.26 1.19 0.00	40.08 1.18 0.00	40.17 1.26 0.00	38.47 1.35 0.00	43.97 1.68 0.00	70.28 2.81 0.00	59.62 2.37 0.00	50.66 2.14 0.00	36.75 1.63 0.00	31.71 1.35 0.00	28.83 1.15 0.00	30.72 1.23 -0.09	32.00 1.23 0.00	32.23 1.20 0.00	39.62 1.45 0.00	42.17 1.70 0.00	50.66 2.02 0.00	52.54 2.37 0.00	47.15 2.26 0.00	43.11 2.32 0.00	43.81 2.42 0.00	43.07 2.15 0.00	40.91 1.76 0.00
RAVENSWOOD___4 23820	50.94 1.35 0.00	39.25 1.18 0.00	40.07 1.16 0.00	40.16 1.25 0.00	38.47 1.36 0.00	43.92 1.63 0.00	70.19 2.72 0.00	59.54 2.28 0.00	50.61 2.09 0.00	36.76 1.63 0.00	31.74 1.38 0.00	28.85 1.17 0.00	30.75 1.26 -0.09	32.02 1.26 0.00	32.26 1.22 0.00	39.63 1.47 0.00	42.14 1.67 0.00	50.58 1.94 0.00	52.47 2.30 0.00	47.08 2.19 0.00	43.06 2.27 0.00	43.77 2.39 0.00	43.01 2.09 0.00	40.88 1.73 0.00
RCPL_TRUST___DRP 24196	51.08 1.49 0.00	39.27 1.20 0.00	40.07 1.16 0.00	40.16 1.25 0.00	38.46 1.35 0.00	43.98 1.69 0.00	70.28 2.81 0.00	59.65 2.40 0.00	50.67 2.15 0.00	36.75 1.63 0.00	31.71 1.35 0.00	28.84 1.16 0.00	30.73 1.24 -0.09	32.00 1.24 0.00	32.25 1.21 0.00	39.63 1.46 0.00	42.18 1.71 0.00	50.69 2.05 0.00	52.55 2.39 0.00	47.16 2.27 0.00	43.13 2.34 0.00	43.82 2.43 0.00	43.10 2.17 0.00	40.91 1.76 0.00
RED___ROCHESTER 323720	49.91 0.33 0.00	38.32 0.25 0.00	39.02 0.11 0.00	38.92 0.02 0.00	36.90 -0.21 0.00	42.00 -0.29 0.00	66.68 -0.79 0.00	56.29 -0.96 0.00	47.55 -0.98 0.00	34.63 -0.50 0.00	30.11 -0.25 0.00	27.64 -0.04 0.00	29.46 0.06 0.00	30.75 -0.01 0.00	31.01 -0.02 0.00	37.97 -0.19 0.00	39.93 -0.55 0.00	47.79 -0.85 0.00	49.38 -0.78 0.00	43.99 -0.71 0.19	39.48 -0.71 0.60	39.89 -0.67 0.82	39.37 -0.33 1.22	38.63 0.01 0.53
REGAN___SOLAR 323812	51.25 1.66 0.00	39.30 1.22 0.00	40.16 1.25 0.00	40.12 1.22 0.00	38.34 1.23 0.00	43.72 1.43 0.00	69.89 2.42 0.00	59.33 2.07 0.00	50.02 1.49 0.00	35.61 0.49 0.00	30.19 -0.17 0.00	27.43 -0.24 0.00	29.06 -0.30 0.04	30.73 -0.03 0.00	31.17 0.14 0.00	38.71 0.54 0.00	41.59 1.12 0.00	50.35 1.71 0.00	52.05 1.88 0.00	46.60 1.71 0.00	42.31 1.52 0.00	42.84 1.46 0.00	42.33 1.41 0.00	40.36 1.21 0.00
RENSSELAER___COGEN 23796	49.54 -0.04 0.00	38.04 -0.03 0.00	38.90 -0.01 0.00	38.96 0.05 0.00	37.29 0.17 0.00	42.48 0.18 0.00	67.90 0.43 0.00	57.81 0.56 0.00	48.92 0.39 0.00	35.27 0.14 0.00	30.36 0.00 0.00	27.58 -0.10 0.00	29.19 -0.15 0.06	30.67 -0.09 0.00	31.00 -0.04 0.00	38.18 0.01 0.00	40.71 0.23 0.00	49.10 0.45 0.00	50.59 0.43 0.00	45.36 0.47 0.00	41.49 0.70 0.00	42.10 0.72 0.00	41.46 0.53 0.00	39.37 0.23 0.00
REPUBLIC_115KV_BARTNBK 55605	54.79 5.20 0.00	41.78 3.71 0.00	42.79 3.89 0.00	42.80 3.89 0.00	40.94 3.83 0.00	46.87 4.58 0.00	75.18 7.71 0.00	64.05 6.79 0.00	53.39 4.87 0.00	37.61 2.48 0.00	31.87 1.50 0.00	28.91 1.23 0.00	30.65 1.32 0.07	32.63 1.87 0.00	33.20 2.17 0.00	41.51 3.34 0.00	45.03 4.56 0.00	54.77 6.13 0.00	56.04 5.87 0.00	50.20 5.31 0.00	46.09 5.30 0.00	46.61 5.23 0.00	45.62 4.70 0.00	43.00 3.85 0.00
REVERE_CPPR_DRP 24186	51.46 1.87 0.00	39.46 1.39 0.00	40.30 1.39 0.00	40.34 1.43 0.00	38.44 1.33 0.00	43.83 1.54 0.00	70.16 2.69 0.00	59.50 2.24 0.00	50.25 1.73 0.00	36.34 1.21 0.00	31.29 0.93 0.00	28.36 0.68 0.00	30.03 0.63 0.00	31.51 0.75 0.00	31.93 0.90 0.00	39.27 1.11 0.00	41.61 1.13 0.00	50.08 1.44 0.00	51.91 1.74 0.00	46.24 1.35 0.00	41.77 0.99 0.00	42.41 1.02 0.00	41.85 0.93 0.00	39.96 0.81 0.00
REYNLDPA_13_KV_LD 356490	50.45 0.87 0.00	38.77 0.69 0.00	39.60 0.70 0.00	39.57 0.66 0.00	37.70 0.58 0.00	42.95 0.65 0.00	68.40 0.93 0.00	58.04 0.79 0.00	49.32 0.80 0.00	35.81 0.69 0.00	31.06 0.69 0.00	28.39 0.71 0.00	30.19 0.78 0.00	31.54 0.79 0.00	31.84 0.81 0.00	39.25 1.08 0.00	41.50 1.03 0.00	49.62 0.98 0.00	51.13 0.97 0.00	45.67 0.78 0.00	41.33 0.55 0.00	41.94 0.56 0.00	41.58 0.66 0.00	39.83 0.68 0.00
REYNOLDS_115KV_TB3 80639	49.96 0.37 0.00	38.35 0.27 0.00	39.23 0.33 0.00	39.28 0.38 0.00	37.59 0.48 0.00	42.85 0.56 0.00	68.51 1.04 0.00	58.32 1.06 0.00	49.30 0.77 0.00	35.51 0.38 0.00	30.56 0.20 0.00	27.76 0.08 0.00	29.36 0.03 0.07	30.87 0.11 0.00	31.20 0.17 0.00	38.49 0.33 0.00	41.07 0.60 0.00	49.54 0.90 0.00	51.01 0.84 0.00	45.74 0.85 0.00	41.87 1.08 0.00	42.48 1.10 0.00	41.84 0.91 0.00	39.69 0.55 0.00
RIVERBAY____ 323610	52.00 2.42 0.00	40.05 1.98 0.00	40.87 1.96 0.00	40.96 2.05 0.00	39.28 2.16 0.00	44.85 2.55 0.00	71.86 4.39 0.00	60.86 3.61 0.00	51.69 3.16 0.00	37.44 2.32 0.00	32.31 1.95 0.00	29.33 1.65 0.00	31.27 1.77 -0.09	32.55 1.79 0.00	32.76 1.73 0.00	40.25 2.08 0.00	42.82 2.35 0.00	51.42 2.78 0.00	53.42 3.26 0.00	47.93 3.04 0.00	43.79 3.01 0.00	44.52 3.13 0.00	43.76 2.84 0.00	41.59 2.44 0.00
RIVERSDE_115KV_TB3 55908	49.78 0.20 0.00	38.23 0.16 0.00	39.09 0.18 0.00	39.14 0.23 0.00	37.46 0.34 0.00	42.68 0.39 0.00	68.24 0.77 0.00	58.11 0.86 0.00	49.14 0.61 0.00	35.41 0.28 0.00	30.48 0.12 0.00	27.69 0.01 0.00	29.29 -0.05 0.07	30.79 0.03 0.00	31.13 0.10 0.00	38.37 0.20 0.00	40.92 0.45 0.00	49.34 0.71 0.00	50.84 0.67 0.00	45.58 0.70 0.00	41.70 0.92 0.00	42.32 0.93 0.00	41.67 0.75 0.00	39.55 0.41 0.00
ROARING___BROOK_WT_PWR 323790	49.70 0.12 0.00	38.17 0.09 0.00	39.00 0.09 0.00	38.92 0.02 0.00	37.05 -0.07 0.00	42.06 -0.23 0.00	67.08 -0.39 0.00	57.05 -0.21 0.00	48.43 -0.10 0.00	35.18 0.06 0.00	30.39 0.03 0.00	27.74 0.06 0.00	29.47 0.07 0.00	30.83 0.07 0.00	31.04 0.01 0.00	38.19 0.02 0.00	40.44 -0.03 0.00	48.51 -0.13 0.00	49.76 -0.40 0.00	44.01 -0.88 0.00	27.96 -1.09 11.73	15.81 -1.17 24.41	39.86 -1.06 0.00	38.10 -1.04 0.00

ROCHESRG_115KV_T4 355643	49.50 -0.09 0.00	38.01 -0.06 0.00	38.72 -0.19 0.00	38.62 -0.29 0.00	36.62 -0.50 0.00	41.68 -0.62 0.00	66.14 -1.34 0.00	55.80 -1.46 0.00	47.11 -1.42 0.00	34.32 -0.81 0.00	29.84 -0.52 0.00	27.40 -0.29 0.00	29.19 -0.21 0.00	30.47 -0.29 0.00	30.75 -0.29 0.00	37.66 -0.51 0.00	39.55 -0.92 0.00	47.28 -1.36 0.00	48.83 -1.33 0.00	43.70 -1.20 0.00	39.63 -1.16 0.00	40.30 -1.09 0.00	40.19 -0.73 0.00	38.80 -0.35 0.00
ROCHESTER_9_IC 23652	49.74 0.15 0.00	38.20 0.13 0.00	38.89 -0.02 0.00	38.79 -0.11 0.00	36.78 -0.33 0.00	41.87 -0.42 0.00	66.45 -1.02 0.00	56.08 -1.18 0.00	47.35 -1.17 0.00	34.49 -0.63 0.00	29.99 -0.37 0.00	27.53 -0.15 0.00	29.34 -0.07 0.00	30.62 -0.14 0.00	30.89 -0.15 0.00	37.82 -0.34 0.00	39.76 -0.72 0.00	47.55 -1.10 0.00	49.12 -1.04 0.00	43.96 -0.93 0.00	39.85 -0.93 0.00	40.52 -0.87 0.00	40.40 -0.52 0.00	39.00 -0.15 0.00
ROCKVIEW_13_KV_LD 356306	51.17 1.58 0.00	39.29 1.21 0.00	40.07 1.16 0.00	40.15 1.25 0.00	38.46 1.35 0.00	44.00 1.70 0.00	70.34 2.87 0.00	59.75 2.49 0.00	50.74 2.22 0.00	36.76 1.63 0.00	31.70 1.34 0.00	28.83 1.15 0.00	30.71 1.21 -0.09	31.98 1.22 0.00	32.22 1.18 0.00	39.61 1.44 0.00	42.18 1.71 0.00	50.71 2.07 0.00	52.57 2.41 0.00	47.19 2.30 0.00	43.15 2.37 0.00	43.83 2.45 0.00	43.13 2.21 0.00	40.94 1.80 0.00
ROME____115KV_TB2 80656	51.46 1.87 0.00	39.46 1.39 0.00	40.30 1.39 0.00	40.34 1.43 0.00	38.44 1.33 0.00	43.83 1.54 0.00	70.16 2.69 0.00	59.50 2.24 0.00	50.25 1.73 0.00	36.34 1.21 0.00	31.29 0.93 0.00	28.36 0.68 0.00	30.03 0.63 0.00	31.51 0.75 0.00	31.93 0.90 0.00	39.27 1.11 0.00	41.61 1.13 0.00	50.08 1.44 0.00	51.91 1.74 0.00	46.24 1.35 0.00	41.77 0.99 0.00	42.41 1.02 0.00	41.85 0.93 0.00	39.96 0.81 0.00
ROSETON___1 23587	50.56 0.97 0.00	38.83 0.75 0.00	39.65 0.75 0.00	39.72 0.81 0.00	38.03 0.91 0.00	43.46 1.17 0.00	69.47 1.99 0.00	58.95 1.69 0.00	50.00 1.48 0.00	36.21 1.08 0.00	31.20 0.84 0.00	28.35 0.67 0.00	30.19 0.70 -0.09	31.47 0.71 0.00	31.71 0.68 0.00	39.04 0.87 0.00	41.61 1.14 0.00	50.00 1.36 0.00	51.75 1.58 0.00	46.46 1.57 0.00	42.54 1.76 0.00	43.22 1.84 0.00	42.52 1.60 0.00	40.38 1.23 0.00
ROSETON___2 23588	50.56 0.97 0.00	38.83 0.75 0.00	39.65 0.75 0.00	39.72 0.81 0.00	38.03 0.91 0.00	43.46 1.17 0.00	69.47 1.99 0.00	58.95 1.69 0.00	50.00 1.48 0.00	36.21 1.08 0.00	31.20 0.84 0.00	28.35 0.67 0.00	30.19 0.70 -0.09	31.47 0.71 0.00	31.71 0.68 0.00	39.04 0.87 0.00	41.61 1.14 0.00	50.00 1.36 0.00	51.75 1.58 0.00	46.46 1.57 0.00	42.54 1.76 0.00	43.22 1.84 0.00	42.52 1.60 0.00	40.38 1.23 0.00
ROTRDAM_115KV_TB3 80664	50.45 0.86 0.00	38.71 0.64 0.00	39.60 0.69 0.00	39.61 0.70 0.00	37.87 0.75 0.00	43.18 0.89 0.00	68.95 1.47 0.00	58.57 1.32 0.00	49.55 1.02 0.00	35.73 0.60 0.00	30.74 0.38 0.00	27.94 0.26 0.00	29.59 0.23 0.05	31.05 0.29 0.00	31.39 0.36 0.00	38.74 0.57 0.00	41.28 0.81 0.00	49.78 1.14 0.00	51.33 1.17 0.00	45.99 1.10 0.00	41.98 1.19 0.00	42.58 1.19 0.00	41.99 1.07 0.00	39.97 0.82 0.00
RUSSELL___1 23602	49.91 0.33 0.00	38.32 0.25 0.00	39.02 0.11 0.00	38.92 0.02 0.00	36.90 -0.21 0.00	42.01 -0.28 0.00	66.68 -0.79 0.00	56.29 -0.96 0.00	47.55 -0.98 0.00	34.63 -0.49 0.00	30.11 -0.25 0.00	27.64 -0.04 0.00	29.46 0.06 0.00	30.75 -0.01 0.00	31.01 -0.02 0.00	37.98 -0.19 0.00	39.93 -0.55 0.00	47.79 -0.85 0.00	49.38 -0.78 0.00	44.18 -0.70 0.00	40.05 -0.73 0.00	40.71 -0.68 0.00	40.58 -0.35 0.00	39.16 0.01 0.00
RUSSELL___2 23532	49.91 0.33 0.00	38.32 0.25 0.00	39.02 0.11 0.00	38.92 0.02 0.00	36.90 -0.21 0.00	42.01 -0.28 0.00	66.68 -0.79 0.00	56.29 -0.96 0.00	47.55 -0.98 0.00	34.63 -0.49 0.00	30.11 -0.25 0.00	27.64 -0.04 0.00	29.46 0.06 0.00	30.75 -0.01 0.00	31.01 -0.02 0.00	37.98 -0.19 0.00	39.93 -0.55 0.00	47.79 -0.85 0.00	49.38 -0.78 0.00	44.18 -0.70 0.00	40.05 -0.73 0.00	40.71 -0.68 0.00	40.58 -0.35 0.00	39.16 0.01 0.00
RUSSELL___3 23549	49.91 0.33 0.00	38.32 0.25 0.00	39.02 0.11 0.00	38.92 0.02 0.00	36.90 -0.21 0.00	42.01 -0.28 0.00	66.68 -0.79 0.00	56.29 -0.96 0.00	47.55 -0.98 0.00	34.63 -0.49 0.00	30.11 -0.25 0.00	27.64 -0.04 0.00	29.46 0.06 0.00	30.75 -0.01 0.00	31.01 -0.02 0.00	37.98 -0.19 0.00	39.93 -0.55 0.00	47.79 -0.85 0.00	49.38 -0.78 0.00	44.18 -0.70 0.00	40.05 -0.73 0.00	40.71 -0.68 0.00	40.58 -0.35 0.00	39.16 0.01 0.00
RUSSELL___4 23556	49.91 0.33 0.00	38.32 0.25 0.00	39.02 0.11 0.00	38.92 0.02 0.00	36.90 -0.21 0.00	42.01 -0.28 0.00	66.68 -0.79 0.00	56.29 -0.96 0.00	47.55 -0.98 0.00	34.63 -0.49 0.00	30.11 -0.25 0.00	27.64 -0.04 0.00	29.46 0.06 0.00	30.75 -0.01 0.00	31.01 -0.02 0.00	37.98 -0.19 0.00	39.93 -0.55 0.00	47.79 -0.85 0.00	49.38 -0.78 0.00	44.18 -0.70 0.00	40.05 -0.73 0.00	40.71 -0.68 0.00	40.58 -0.35 0.00	39.16 0.01 0.00
RUSSELL___STATION 23914	49.91 0.33 0.00	38.32 0.25 0.00	39.02 0.11 0.00	38.92 0.02 0.00	36.90 -0.21 0.00	42.01 -0.28 0.00	66.68 -0.79 0.00	56.29 -0.96 0.00	47.55 -0.98 0.00	34.63 -0.49 0.00	30.11 -0.25 0.00	27.64 -0.04 0.00	29.46 0.06 0.00	30.75 -0.01 0.00	31.01 -0.02 0.00	37.98 -0.19 0.00	39.93 -0.55 0.00	47.79 -0.85 0.00	49.38 -0.78 0.00	44.18 -0.70 0.00	40.05 -0.73 0.00	40.71 -0.68 0.00	40.58 -0.35 0.00	39.16 0.01 0.00
S SALMON___HYD 24043	49.77 0.19 0.00	38.16 0.08 0.00	38.98 0.07 0.00	38.95 0.04 0.00	37.09 -0.02 0.00	42.22 -0.07 0.00	67.46 -0.02 0.00	57.26 0.01 0.00	48.41 -0.11 0.00	35.09 -0.04 0.00	30.30 -0.06 0.00	27.46 -0.22 0.00	29.05 -0.35 0.00	30.50 -0.26 0.00	30.83 -0.20 0.00	37.76 -0.41 0.00	39.93 -0.55 0.00	47.97 -0.67 0.00	49.67 -0.49 0.00	44.29 -0.60 0.00	40.05 -0.74 0.00	40.80 -0.59 0.00	40.29 -0.63 0.00	38.58 -0.56 0.00
S.PERRY__115KV_TB1 80734	51.46 1.87 0.00	39.42 1.35 0.00	39.94 1.04 0.00	39.81 0.91 0.00	37.63 0.52 0.00	42.86 0.57 0.00	68.09 0.62 0.00	57.54 0.28 0.00	48.59 0.07 0.00	35.36 0.24 0.00	30.73 0.37 0.00	27.87 0.19 0.00	29.68 0.28 0.00	30.96 0.20 0.00	31.18 0.14 0.00	38.16 -0.01 0.00	40.19 -0.28 0.00	48.39 -0.25 0.00	50.49 0.33 0.00	45.08 0.19 0.00	40.51 -0.28 0.00	41.15 -0.24 0.00	41.06 0.13 0.00	39.58 0.43 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.47 -0.12 0.00	38.06 -0.01 0.00	38.64 -0.26 0.00	38.47 -0.43 0.00	36.20 -0.92 0.00	41.07 -1.23 0.00	64.58 -2.89 0.00	53.94 -3.31 0.00	45.44 -3.09 0.00	33.36 -1.77 0.00	29.27 -1.09 0.00	27.16 -0.52 0.00	29.10 -0.30 0.00	30.30 -0.46 0.00	30.73 -0.30 0.00	37.52 -0.64 0.00	38.90 -1.57 0.00	45.74 -2.90 0.00	47.06 -3.11 0.00	42.08 -2.81 0.00	38.13 -2.66 0.00	38.99 -2.39 0.00	39.38 -1.55 0.00	38.37 -0.78 0.00

SAWYER___23_KV_LOAD 55526	49.47 -0.12 0.00	38.06 -0.01 0.00	38.64 -0.26 0.00	38.47 -0.43 0.00	36.20 -0.92 0.00	41.07 -1.23 0.00	64.58 -2.89 0.00	53.94 -3.31 0.00	45.44 -3.09 0.00	33.36 -1.77 0.00	29.27 -1.09 0.00	27.16 -0.52 0.00	29.10 -0.30 0.00	30.30 -0.46 0.00	30.73 -0.30 0.00	37.52 -0.64 0.00	38.90 -1.57 0.00	45.74 -2.90 0.00	47.06 -3.11 0.00	42.08 -2.81 0.00	38.13 -2.66 0.00	38.99 -2.39 0.00	39.38 -1.55 0.00	38.37 -0.78 0.00
SELKIRK___I 23801	50.13 0.54 0.00	38.48 0.40 0.00	39.36 0.46 0.00	39.40 0.49 0.00	37.67 0.55 0.00	42.93 0.64 0.00	68.54 1.07 0.00	58.32 1.07 0.00	49.34 0.82 0.00	35.51 0.39 0.00	30.54 0.18 0.00	27.69 0.01 0.00	29.34 -0.04 0.03	30.81 0.06 0.00	31.22 0.19 0.00	38.44 0.28 0.00	40.97 0.50 0.00	49.46 0.82 0.00	50.98 0.82 0.00	45.71 0.82 0.00	41.77 0.99 0.00	42.39 1.01 0.00	41.78 0.86 0.00	39.74 0.59 0.00
SELKIRK___II 23799	49.80 0.22 0.00	38.23 0.16 0.00	39.10 0.19 0.00	39.16 0.25 0.00	37.45 0.34 0.00	42.72 0.43 0.00	68.24 0.77 0.00	58.06 0.80 0.00	49.15 0.62 0.00	35.45 0.32 0.00	30.52 0.16 0.00	27.73 0.05 0.00	29.38 0.02 0.04	30.82 0.06 0.00	31.14 0.11 0.00	38.34 0.17 0.00	40.85 0.38 0.00	49.23 0.59 0.00	50.76 0.59 0.00	45.52 0.63 0.00	41.60 0.81 0.00	42.22 0.83 0.00	41.59 0.67 0.00	39.54 0.39 0.00
SENECA OSWGO___HYD 24041	48.65 -0.94 0.00	37.34 -0.73 0.00	38.13 -0.79 0.00	38.12 -0.78 0.00	36.33 -0.78 0.00	41.43 -0.87 0.00	66.05 -1.42 0.00	56.03 -1.22 0.00	47.45 -1.08 0.00	34.35 -0.78 0.00	29.71 -0.65 0.00	27.06 -0.62 0.00	28.73 -0.68 0.00	30.04 -0.71 0.00	30.29 -0.75 0.00	37.08 -1.08 0.00	39.25 -1.22 0.00	47.31 -1.34 0.00	48.91 -1.26 0.00	43.77 -1.12 0.00	39.75 -1.03 0.00	40.33 -1.05 0.00	39.90 -1.02 0.00	38.30 -0.85 0.00
SENECA___115KV_TB3 355854	49.84 0.26 0.00	38.31 0.24 0.00	38.86 -0.05 0.00	38.70 -0.20 0.00	36.41 -0.70 0.00	41.33 -0.96 0.00	65.03 -2.44 0.00	54.38 -2.87 0.00	45.81 -2.72 0.00	33.61 -1.51 0.00	29.52 -0.84 0.00	27.36 -0.33 0.00	29.29 -0.11 0.00	30.48 -0.27 0.00	30.88 -0.15 0.00	37.72 -0.44 0.00	39.18 -1.29 0.00	46.24 -2.40 0.00	47.56 -2.61 0.00	41.99 -2.39 0.51	36.86 -2.33 1.60	37.10 -2.09 2.20	36.37 -1.30 3.25	37.12 -0.62 1.41
SENECA___ENERGY 23797	49.56 -0.02 0.00	38.07 0.00 0.00	38.81 -0.10 0.00	38.76 -0.15 0.00	36.88 -0.23 0.00	42.07 -0.23 0.00	66.97 -0.50 0.00	56.58 -0.67 0.00	47.80 -0.73 0.00	34.73 -0.39 0.00	30.11 -0.25 0.00	27.55 -0.13 0.00	29.27 -0.13 0.00	30.58 -0.18 0.00	30.77 -0.26 0.00	37.68 -0.48 0.00	39.71 -0.76 0.00	47.92 -0.72 0.00	49.55 -0.62 0.00	44.33 -0.56 0.00	40.11 -0.68 0.00	40.71 -0.68 0.00	40.38 -0.54 0.00	38.79 -0.36 0.00
SHOEMAKER___GT 23640	50.85 1.27 0.00	39.01 0.94 0.00	39.81 0.90 0.00	39.87 0.97 0.00	38.17 1.06 0.00	43.66 1.37 0.00	69.92 2.45 0.00	59.33 2.08 0.00	50.30 1.78 0.00	36.33 1.21 0.00	31.27 0.91 0.00	28.38 0.70 0.00	30.25 0.77 -0.08	31.54 0.79 0.00	31.85 0.81 0.00	39.18 1.02 0.00	41.67 1.20 0.00	50.24 1.60 0.00	52.14 1.97 0.00	46.81 1.92 0.00	42.70 1.92 0.00	43.33 1.95 0.00	42.63 1.71 0.00	40.54 1.39 0.00
SHOEMAKR_138KV_BK 111 55601	50.82 1.23 0.00	38.98 0.91 0.00	39.78 0.87 0.00	39.85 0.94 0.00	38.15 1.03 0.00	43.64 1.35 0.00	69.89 2.42 0.00	59.30 2.05 0.00	50.28 1.76 0.00	36.32 1.19 0.00	31.27 0.91 0.00	28.40 0.72 0.00	30.26 0.78 -0.08	31.56 0.80 0.00	31.84 0.81 0.00	39.17 1.01 0.00	41.67 1.19 0.00	50.23 1.59 0.00	52.10 1.93 0.00	46.77 1.88 0.00	42.67 1.89 0.00	43.31 1.92 0.00	42.62 1.70 0.00	40.51 1.37 0.00
SHOREHAM_IC_1 23715	55.25 1.38 -4.29	60.21 0.91 -21.23	51.47 0.93 -11.63	51.90 0.98 -12.02	48.47 1.26 -10.09	45.69 2.04 -1.36	68.28 2.74 1.93	55.44 2.10 3.91	48.52 1.91 1.92	37.06 1.56 -0.37	41.85 1.10 -10.39	28.52 0.84 0.00	30.24 0.74 -0.09	31.26 0.50 0.00	30.90 0.45 0.58	32.77 0.59 5.99	34.36 1.01 7.12	40.89 1.30 9.05	42.40 1.73 9.50	38.43 1.58 8.04	35.43 2.08 7.43	39.28 2.30 4.40	41.82 2.01 1.12	40.77 1.52 -0.11
SHOREHAM_IC_2 23716	55.24 1.36 -4.29	60.19 0.88 -21.23	51.44 0.91 -11.63	51.90 0.97 -12.02	48.47 1.26 -10.09	45.68 2.03 -1.36	68.28 2.74 1.93	55.44 2.10 3.91	48.51 1.90 1.92	37.06 1.56 -0.37	41.85 1.10 -10.39	28.52 0.84 0.00	30.24 0.74 -0.09	31.26 0.50 0.00	30.90 0.45 0.58	32.77 0.59 5.99	34.36 1.01 7.12	40.89 1.30 9.05	42.40 1.73 9.50	38.43 1.58 8.04	35.44 2.08 7.43	39.29 2.30 4.40	41.82 2.02 1.12	40.77 1.51 -0.11
SISSONVILLE____ 23735	51.35 1.77 0.00	39.44 1.36 0.00	40.27 1.37 0.00	40.22 1.32 0.00	38.31 1.19 0.00	43.62 1.33 0.00	69.65 2.17 0.00	59.12 1.87 0.00	50.21 1.69 0.00	36.48 1.35 0.00	31.60 1.24 0.00	28.76 1.08 0.00	30.42 1.02 0.00	31.75 0.99 0.00	32.12 1.09 0.00	39.66 1.49 0.00	41.94 1.47 0.00	50.08 1.44 0.00	51.44 1.27 0.00	46.11 1.22 0.00	41.71 0.92 0.00	42.39 1.00 0.00	41.99 1.07 0.00	40.12 0.97 0.00
SITHE_IND_GS1 24169	48.14 -1.44 0.00	36.96 -1.11 0.00	37.76 -1.15 0.00	37.74 -1.16 0.00	35.99 -1.13 0.00	41.01 -1.28 0.00	65.40 -2.07 0.00	55.46 -1.79 0.00	46.96 -1.57 0.00	34.00 -1.12 0.00	29.41 -0.95 0.00	26.83 -0.85 0.00	28.50 -0.91 0.00	29.79 -0.97 0.00	30.01 -1.03 0.00	36.79 -1.38 0.00	38.92 -1.55 0.00	46.84 -1.80 0.00	48.37 -1.80 0.00	43.28 -1.61 0.00	39.30 -1.48 0.00	39.87 -1.52 0.00	39.46 -1.46 0.00	37.93 -1.22 0.00
SITHE_IND_GS2 24170	48.14 -1.44 0.00	36.96 -1.11 0.00	37.76 -1.15 0.00	37.74 -1.16 0.00	35.99 -1.13 0.00	41.01 -1.28 0.00	65.40 -2.07 0.00	55.46 -1.79 0.00	46.96 -1.57 0.00	34.00 -1.12 0.00	29.41 -0.95 0.00	26.83 -0.85 0.00	28.50 -0.91 0.00	29.79 -0.97 0.00	30.01 -1.03 0.00	36.79 -1.38 0.00	38.92 -1.55 0.00	46.84 -1.80 0.00	48.37 -1.80 0.00	43.28 -1.61 0.00	39.30 -1.48 0.00	39.87 -1.52 0.00	39.46 -1.46 0.00	37.93 -1.22 0.00
SITHE_IND_GS3 24171	48.14 -1.44 0.00	36.96 -1.11 0.00	37.76 -1.15 0.00	37.74 -1.16 0.00	35.99 -1.13 0.00	41.01 -1.28 0.00	65.40 -2.07 0.00	55.46 -1.79 0.00	46.96 -1.57 0.00	34.00 -1.12 0.00	29.41 -0.95 0.00	26.83 -0.85 0.00	28.50 -0.91 0.00	29.79 -0.97 0.00	30.01 -1.03 0.00	36.79 -1.38 0.00	38.92 -1.55 0.00	46.84 -1.80 0.00	48.37 -1.80 0.00	43.28 -1.61 0.00	39.30 -1.48 0.00	39.87 -1.52 0.00	39.46 -1.46 0.00	37.93 -1.22 0.00
SITHE_IND_GS4 24172	48.14 -1.44 0.00	36.96 -1.11 0.00	37.76 -1.15 0.00	37.74 -1.16 0.00	35.99 -1.13 0.00	41.01 -1.28 0.00	65.40 -2.07 0.00	55.46 -1.79 0.00	46.96 -1.57 0.00	34.00 -1.12 0.00	29.41 -0.95 0.00	26.83 -0.85 0.00	28.50 -0.91 0.00	29.79 -0.97 0.00	30.01 -1.03 0.00	36.79 -1.38 0.00	38.92 -1.55 0.00	46.84 -1.80 0.00	48.37 -1.80 0.00	43.28 -1.61 0.00	39.30 -1.48 0.00	39.87 -1.52 0.00	39.46 -1.46 0.00	37.93 -1.22 0.00

SITHE___BATAVIA 24024	50.55 0.96 0.00	38.87 0.80 0.00	39.48 0.58 0.00	39.33 0.43 0.00	37.14 0.02 0.00	42.15 -0.14 0.00	66.50 -0.97 0.00	55.74 -1.51 0.00	47.01 -1.51 0.00	34.30 -0.83 0.00	29.94 -0.42 0.00	27.49 -0.19 0.00	29.28 -0.12 0.00	30.45 -0.31 0.00	30.78 -0.25 0.00	37.51 -0.66 0.00	39.24 -1.23 0.00	47.01 -1.63 0.00	48.74 -1.43 0.00	43.28 -1.28 0.33	38.53 -1.23 1.03	38.88 -1.09 1.41	38.42 -0.42 2.09	38.41 0.17 0.90
SITHE___INDEPEND 23800	48.15 -1.44 0.00	36.97 -1.11 0.00	37.76 -1.15 0.00	37.74 -1.16 0.00	35.99 -1.13 0.00	41.02 -1.28 0.00	65.38 -2.09 0.00	55.47 -1.79 0.00	46.96 -1.57 0.00	34.01 -1.12 0.00	29.41 -0.95 0.00	26.83 -0.85 0.00	28.50 -0.90 0.00	29.79 -0.97 0.00	30.01 -1.03 0.00	36.79 -1.38 0.00	38.93 -1.55 0.00	46.84 -1.80 0.00	48.37 -1.80 0.00	43.28 -1.61 0.00	39.30 -1.49 0.00	39.87 -1.52 0.00	39.46 -1.46 0.00	37.93 -1.22 0.00
SITHE___MASSENA 23902	50.53 0.94 0.00	38.83 0.76 0.00	39.67 0.76 0.00	39.61 0.71 0.00	37.74 0.63 0.00	42.99 0.69 0.00	68.52 1.05 0.00	58.12 0.87 0.00	49.39 0.86 0.00	35.87 0.74 0.00	31.09 0.73 0.00	28.41 0.73 0.00	30.18 0.78 0.00	31.54 0.78 0.00	31.84 0.81 0.00	39.25 1.09 0.00	41.50 1.04 0.00	49.65 1.01 0.00	51.13 0.97 0.00	45.71 0.82 0.00	41.36 0.58 0.00	41.97 0.58 0.00	41.61 0.69 0.00	39.82 0.67 0.00
SITHE___OGDNSBRG 24021	51.71 2.12 0.00	39.73 1.66 0.00	40.58 1.67 0.00	40.52 1.61 0.00	38.58 1.46 0.00	43.94 1.65 0.00	70.15 2.68 0.00	59.55 2.29 0.00	50.59 2.06 0.00	36.71 1.59 0.00	31.84 1.48 0.00	28.95 1.27 0.00	30.52 1.12 0.00	31.80 1.04 0.00	32.21 1.17 0.00	39.82 1.66 0.00	42.17 1.70 0.00	50.80 2.16 0.00	52.33 2.17 0.00	46.82 1.93 0.00	42.32 1.53 0.00	42.94 1.55 0.00	42.54 1.61 0.00	40.65 1.50 0.00
SITHE___STERLING 23777	50.92 1.33 0.00	39.05 0.97 0.00	39.90 0.99 0.00	39.94 1.04 0.00	38.08 0.97 0.00	43.43 1.14 0.00	69.48 2.01 0.00	58.92 1.67 0.00	49.78 1.25 0.00	35.97 0.84 0.00	30.96 0.60 0.00	28.16 0.48 0.00	29.85 0.45 0.00	31.27 0.51 0.00	31.64 0.60 0.00	38.90 0.73 0.00	41.22 0.74 0.00	49.63 0.99 0.00	51.40 1.23 0.00	45.87 0.98 0.00	41.52 0.73 0.00	42.11 0.73 0.00	41.59 0.66 0.00	39.74 0.59 0.00
SLEIGHT__34_KV_TB1 80719	49.22 -0.37 0.00	37.79 -0.28 0.00	38.52 -0.39 0.00	38.43 -0.47 0.00	36.54 -0.57 0.00	41.65 -0.65 0.00	66.30 -1.17 0.00	56.03 -1.23 0.00	47.36 -1.16 0.00	34.40 -0.72 0.00	29.81 -0.55 0.00	27.31 -0.37 0.00	29.04 -0.37 0.00	30.33 -0.43 0.00	30.52 -0.51 0.00	37.40 -0.76 0.00	39.40 -1.07 0.00	47.46 -1.18 0.00	49.11 -1.06 0.00	43.92 -0.97 0.00	39.80 -0.98 0.00	40.43 -0.96 0.00	40.16 -0.77 0.00	38.63 -0.52 0.00
SMITHTWN_69_KV_BK 1 55830	57.64 1.69 -6.36	62.55 1.18 -23.30	52.41 1.24 -12.27	52.93 1.30 -12.73	49.29 1.55 -10.62	46.03 2.36 -1.37	69.79 3.23 0.91	57.86 2.45 1.85	49.84 2.22 0.91	37.37 1.87 -0.38	42.24 1.42 -10.47	28.84 1.16 0.00	30.59 1.09 -0.09	31.60 0.84 0.00	31.52 0.75 0.27	36.27 0.93 2.83	38.44 1.33 3.36	45.97 1.59 4.27	47.54 1.85 4.48	42.81 1.70 3.79	39.59 2.30 3.50	41.86 2.55 2.07	42.66 2.26 0.53	41.32 1.78 -0.40
SOUTH CAIRO___GT 23612	51.23 1.64 0.00	39.31 1.23 0.00	40.18 1.27 0.00	40.21 1.31 0.00	38.47 1.35 0.00	44.46 2.17 0.00	71.14 3.67 0.00	60.78 3.52 0.00	51.41 2.89 0.00	36.79 1.66 0.00	31.39 1.03 0.00	28.13 0.45 0.00	29.74 0.33 0.00	31.18 0.42 0.00	31.78 0.75 0.00	38.89 0.72 0.00	41.74 1.27 0.00	50.72 2.08 0.00	52.51 2.34 0.00	47.03 2.14 0.00	42.93 2.15 0.00	43.49 2.10 0.00	42.77 1.85 0.00	40.59 1.45 0.00
SOUTH HAMPTN___IC 23720	56.00 2.36 -4.06	60.64 1.58 -20.99	51.95 1.50 -11.55	52.43 1.59 -11.93	49.01 1.87 -10.03	46.41 2.76 -1.36	69.40 3.97 2.04	56.30 3.18 4.12	49.36 2.86 2.02	37.73 2.24 -0.37	42.40 1.68 -10.37	29.04 1.37 0.00	30.78 1.29 -0.09	31.83 1.07 0.00	31.47 1.05 0.61	33.22 1.36 6.32	34.83 1.87 7.51	41.45 2.38 9.57	42.97 2.85 10.04	38.97 2.59 8.50	35.91 2.98 7.86	39.90 3.17 4.66	42.59 2.85 1.18	41.51 2.29 -0.07
SOUTHDOW_115KV_TB1 355954	49.75 0.17 0.00	38.37 0.29 0.00	38.90 -0.01 0.00	38.82 -0.08 0.00	36.21 -0.90 0.00	41.32 -0.98 0.00	64.82 -2.65 0.00	53.96 -3.29 0.00	45.72 -2.81 0.00	33.42 -1.71 0.00	29.49 -0.87 0.00	27.41 -0.27 0.00	29.52 0.11 0.00	30.94 0.18 0.00	31.40 0.36 0.00	38.29 0.12 0.00	39.93 -0.54 0.00	47.55 -1.09 0.00	48.65 -1.52 0.00	42.90 -1.99 0.00	38.51 -2.27 0.00	39.30 -2.08 0.00	39.23 -1.70 0.00	38.05 -1.10 0.00
SOUTHOLD_69_KV_BK 2 55809	56.60 2.95 -4.06	61.02 1.95 -20.99	52.20 1.74 -11.55	52.72 1.88 -11.93	49.32 2.18 -10.03	46.81 3.16 -1.36	70.14 4.70 2.04	56.98 3.85 4.12	49.99 3.48 2.02	38.15 2.66 -0.37	42.76 2.03 -10.37	29.38 1.70 0.00	31.13 1.64 -0.09	32.20 1.44 0.00	31.85 1.43 0.61	33.72 1.86 6.31	35.40 2.44 7.50	42.18 3.10 9.56	43.77 3.63 10.03	39.68 3.28 8.50	36.53 3.60 7.85	40.49 3.76 4.65	43.15 3.41 1.18	41.99 2.77 -0.08
SOUTHOLD___IC 23719	56.62 2.97 -4.06	61.04 1.97 -20.99	52.22 1.76 -11.55	52.72 1.88 -11.93	49.33 2.19 -10.03	46.82 3.17 -1.36	70.14 4.70 2.04	56.98 3.85 4.12	49.99 3.48 2.02	38.16 2.66 -0.37	42.78 2.05 -10.37	29.38 1.70 0.00	31.13 1.64 -0.09	32.20 1.44 0.00	31.85 1.43 0.61	33.72 1.86 6.31	35.41 2.44 7.50	42.18 3.10 9.56	43.77 3.64 10.03	39.68 3.29 8.50	36.52 3.59 7.85	40.49 3.76 4.65	43.14 3.40 1.18	42.00 2.78 -0.08
SOUTH_FORK_WT_PWR 323839	56.78 3.13 -4.06	61.10 2.03 -20.99	52.15 1.70 -11.55	52.68 1.84 -11.93	49.33 2.19 -10.03	46.86 3.21 -1.36	70.23 4.80 2.04	57.08 3.95 4.12	50.09 3.59 2.02	38.24 2.74 -0.37	42.85 2.13 -10.37	29.45 1.77 0.00	31.21 1.72 -0.09	32.28 1.53 0.00	31.93 1.51 0.61	33.83 1.98 6.32	35.54 2.58 7.50	42.34 3.26 9.57	43.94 3.82 10.04	39.84 3.45 8.50	36.67 3.74 7.85	40.63 3.90 4.65	43.25 3.51 1.18	42.11 2.89 -0.07
SPIERFLS_115KV_TB 1 80737	51.19 1.60 0.00	39.23 1.15 0.00	40.20 1.29 0.00	40.20 1.30 0.00	38.45 1.34 0.00	43.81 1.51 0.00	70.06 2.59 0.00	59.61 2.35 0.00	50.23 1.71 0.00	35.99 0.86 0.00	30.73 0.37 0.00	27.85 0.17 0.00	29.46 0.12 0.07	31.06 0.30 0.00	31.52 0.49 0.00	39.10 0.93 0.00	41.95 1.48 0.00	50.82 2.18 0.00	52.29 2.12 0.00	46.80 1.92 0.00	42.78 2.00 0.00	43.33 1.95 0.00	42.67 1.75 0.00	40.48 1.33 0.00
ST LAWRENCE____ 23600	49.87 0.29 0.00	38.32 0.25 0.00	39.16 0.25 0.00	39.12 0.21 0.00	37.27 0.15 0.00	42.45 0.15 0.00	67.65 0.18 0.00	57.38 0.13 0.00	48.77 0.25 0.00	35.42 0.29 0.00	30.69 0.33 0.00	28.04 0.36 0.00	29.82 0.42 0.00	31.17 0.41 0.00	31.45 0.42 0.00	38.76 0.59 0.00	40.99 0.52 0.00	49.05 0.40 0.00	50.55 0.38 0.00	45.16 0.27 0.00	40.87 0.09 0.00	41.48 0.09 0.00	41.11 0.19 0.00	39.37 0.22 0.00

STATE_CA_115KV_115_LB 55624	49.77 0.18 0.00	38.23 0.15 0.00	39.08 0.17 0.00	39.14 0.23 0.00	37.46 0.34 0.00	42.66 0.37 0.00	68.24 0.77 0.00	58.12 0.87 0.00	49.18 0.66 0.00	35.43 0.31 0.00	30.50 0.14 0.00	27.71 0.03 0.00	29.31 -0.03 0.06	30.82 0.06 0.00	31.19 0.15 0.00	38.42 0.25 0.00	40.96 0.48 0.00	49.40 0.76 0.00	50.91 0.74 0.00	45.63 0.74 0.00	41.73 0.95 0.00	42.34 0.95 0.00	41.68 0.75 0.00	39.57 0.43 0.00
STATE_ST_34_KV_LOAD 55959	49.81 0.23 0.00	38.24 0.17 0.00	39.04 0.14 0.00	38.89 -0.02 0.00	37.16 0.04 0.00	42.40 0.11 0.00	67.69 0.22 0.00	57.12 -0.13 0.00	48.26 -0.27 0.00	35.05 -0.08 0.00	30.33 -0.03 0.00	27.63 -0.05 0.00	29.36 -0.04 0.00	30.70 -0.05 0.00	30.89 -0.15 0.00	37.89 -0.28 0.00	40.01 -0.46 0.00	48.38 -0.26 0.00	50.02 -0.15 0.00	44.78 -0.11 0.00	40.48 -0.31 0.00	41.15 -0.24 0.00	40.78 -0.14 0.00	39.06 -0.09 0.00
STATION_5_MISC_HYD 23604	49.73 0.15 0.00	38.20 0.13 0.00	38.90 -0.01 0.00	38.80 -0.11 0.00	36.78 -0.33 0.00	41.86 -0.43 0.00	66.45 -1.03 0.00	56.07 -1.18 0.00	47.35 -1.18 0.00	34.48 -0.64 0.00	29.99 -0.37 0.00	27.53 -0.14 0.00	29.34 -0.06 0.00	30.62 -0.14 0.00	30.89 -0.15 0.00	37.82 -0.35 0.00	39.75 -0.73 0.00	47.55 -1.10 0.00	49.12 -1.05 0.00	43.76 -0.94 0.19	39.27 -0.91 0.60	39.70 -0.86 0.82	39.20 -0.51 1.22	38.47 -0.15 0.53
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	49.50 -0.08 0.00	38.02 -0.06 0.00	38.74 -0.16 0.00	38.67 -0.23 0.00	36.75 -0.37 0.00	41.87 -0.42 0.00	66.59 -0.88 0.00	56.30 -0.95 0.00	47.57 -0.95 0.00	34.59 -0.54 0.00	30.01 -0.35 0.00	27.49 -0.19 0.00	29.24 -0.16 0.00	30.52 -0.24 0.00	30.71 -0.32 0.00	37.63 -0.54 0.00	39.65 -0.82 0.00	47.68 -0.96 0.00	49.32 -0.85 0.00	44.11 -0.78 0.00	39.96 -0.82 0.00	40.58 -0.81 0.00	40.31 -0.61 0.00	38.80 -0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	49.37 -0.22 0.00	37.92 -0.16 0.00	38.62 -0.28 0.00	38.53 -0.37 0.00	36.55 -0.57 0.00	41.60 -0.69 0.00	66.06 -1.41 0.00	55.77 -1.48 0.00	47.10 -1.42 0.00	34.30 -0.83 0.00	29.80 -0.56 0.00	27.35 -0.33 0.00	29.14 -0.27 0.00	30.41 -0.34 0.00	30.67 -0.36 0.00	37.57 -0.60 0.00	39.50 -0.97 0.00	47.28 -1.36 0.00	48.84 -1.33 0.00	43.70 -1.19 0.00	39.63 -1.16 0.00	40.28 -1.11 0.00	40.14 -0.78 0.00	38.72 -0.43 0.00
STA_56___34_KV_BUS2 355983	49.37 -0.22 0.00	37.92 -0.16 0.00	38.62 -0.28 0.00	38.53 -0.37 0.00	36.55 -0.57 0.00	41.60 -0.69 0.00	66.06 -1.41 0.00	55.77 -1.48 0.00	47.10 -1.42 0.00	34.30 -0.83 0.00	29.80 -0.56 0.00	27.35 -0.33 0.00	29.14 -0.27 0.00	30.41 -0.34 0.00	30.67 -0.36 0.00	37.57 -0.60 0.00	39.50 -0.97 0.00	47.28 -1.36 0.00	48.84 -1.33 0.00	43.70 -1.19 0.00	39.63 -1.16 0.00	40.28 -1.11 0.00	40.14 -0.78 0.00	38.72 -0.43 0.00
STA_67___115KV_BK2 355882	49.65 0.06 0.00	38.12 0.05 0.00	38.83 -0.08 0.00	38.73 -0.17 0.00	36.72 -0.39 0.00	41.80 -0.49 0.00	66.33 -1.14 0.00	55.97 -1.29 0.00	47.26 -1.27 0.00	34.42 -0.70 0.00	29.93 -0.43 0.00	27.48 -0.20 0.00	29.28 -0.12 0.00	30.56 -0.20 0.00	30.83 -0.20 0.00	37.75 -0.42 0.00	39.67 -0.80 0.00	47.43 -1.21 0.00	49.01 -1.15 0.00	43.85 -1.04 0.00	39.76 -1.02 0.00	40.43 -0.95 0.00	40.32 -0.60 0.00	38.92 -0.23 0.00
STA_7___115KV_9TRANS 80674	49.91 0.33 0.00	38.32 0.25 0.00	39.02 0.11 0.00	38.92 0.02 0.00	36.90 -0.21 0.00	42.01 -0.28 0.00	66.68 -0.79 0.00	56.29 -0.96 0.00	47.55 -0.98 0.00	34.63 -0.49 0.00	30.11 -0.25 0.00	27.64 -0.04 0.00	29.46 0.06 0.00	30.75 -0.01 0.00	31.01 -0.02 0.00	37.98 -0.19 0.00	39.93 -0.55 0.00	47.79 -0.85 0.00	49.38 -0.78 0.00	44.18 -0.70 0.00	40.05 -0.73 0.00	40.71 -0.68 0.00	40.58 -0.35 0.00	39.16 0.01 0.00
STA_82___115KV_TB1 80780	49.67 0.08 0.00	38.15 0.08 0.00	38.85 -0.06 0.00	38.74 -0.17 0.00	36.73 -0.38 0.00	41.82 -0.47 0.00	66.35 -1.12 0.00	55.98 -1.27 0.00	47.26 -1.26 0.00	34.44 -0.69 0.00	29.93 -0.43 0.00	27.48 -0.20 0.00	29.28 -0.12 0.00	30.56 -0.19 0.00	30.84 -0.20 0.00	37.76 -0.41 0.00	39.67 -0.80 0.00	47.45 -1.19 0.00	49.02 -1.14 0.00	43.87 -1.02 0.00	39.78 -1.00 0.00	40.44 -0.95 0.00	40.33 -0.59 0.00	38.94 -0.21 0.00
STEEL___WIND 323596	49.79 0.20 0.00	38.26 0.19 0.00	38.80 -0.10 0.00	38.66 -0.25 0.00	36.37 -0.75 0.00	41.27 -1.02 0.00	64.92 -2.55 0.00	54.31 -2.94 0.00	45.75 -2.78 0.00	33.57 -1.55 0.00	29.48 -0.88 0.00	27.32 -0.37 0.00	29.26 -0.14 0.00	30.44 -0.31 0.00	30.84 -0.19 0.00	37.66 -0.50 0.00	39.12 -1.35 0.00	46.18 -2.46 0.00	47.50 -2.67 0.00	41.92 -2.46 0.51	36.80 -2.39 1.60	37.03 -2.16 2.20	36.29 -1.38 3.25	37.05 -0.69 1.41
STEPHTWN_115KV_BK_2 55603	50.14 0.55 0.00	38.42 0.34 0.00	39.18 0.27 0.00	39.31 0.41 0.00	37.64 0.53 0.00	42.96 0.67 0.00	68.86 1.39 0.00	58.61 1.36 0.00	49.58 1.05 0.00	35.74 0.61 0.00	30.76 0.39 0.00	27.86 0.18 0.00	29.44 0.10 0.06	30.99 0.23 0.00	31.38 0.35 0.00	38.55 0.38 0.00	41.19 0.72 0.00	49.72 1.07 0.00	51.13 0.96 0.00	45.90 1.02 0.00	41.96 1.18 0.00	42.55 1.17 0.00	41.94 1.02 0.00	39.88 0.73 0.00
STEUBEN_REC_LFGE 323667	50.26 0.67 0.00	38.47 0.40 0.00	38.76 -0.14 0.00	38.59 -0.32 0.00	36.35 -0.76 0.00	41.37 -0.93 0.00	65.59 -1.89 0.00	55.19 -2.06 0.00	46.48 -2.05 0.00	33.96 -1.17 0.00	29.70 -0.66 0.00	27.35 -0.33 0.00	29.21 -0.19 0.00	30.45 -0.31 0.00	30.61 -0.43 0.00	37.36 -0.81 0.00	39.18 -1.29 0.00	47.05 -1.59 0.00	48.38 -1.78 0.00	42.78 -2.11 0.00	38.20 -2.59 0.00	38.87 -2.52 0.00	38.82 -2.11 0.00	37.46 -1.69 0.00
STILLWATER___SOLAR 323814	51.20 1.62 0.00	39.26 1.19 0.00	40.19 1.29 0.00	40.20 1.30 0.00	38.45 1.33 0.00	43.85 1.56 0.00	70.13 2.65 0.00	59.62 2.36 0.00	50.31 1.78 0.00	36.09 0.96 0.00	30.91 0.55 0.00	28.03 0.35 0.00	29.65 0.32 0.07	31.20 0.44 0.00	31.63 0.60 0.00	39.20 1.03 0.00	41.98 1.51 0.00	50.78 2.14 0.00	52.28 2.12 0.00	46.81 1.92 0.00	42.78 2.00 0.00	43.38 1.99 0.00	42.73 1.80 0.00	40.58 1.43 0.00
STONY___BROOK 24151	56.49 1.69 -5.22	61.42 1.18 -22.17	52.08 1.24 -11.93	52.55 1.30 -12.35	49.01 1.56 -10.34	46.02 2.36 -1.37	69.18 3.19 1.48	56.65 2.39 3.00	49.22 2.17 1.47	37.36 1.86 -0.37	42.21 1.41 -10.43	28.82 1.14 0.00	30.57 1.07 -0.09	31.59 0.83 0.00	31.34 0.75 0.45	34.50 0.92 4.59	36.31 1.29 5.45	43.24 1.52 6.92	44.59 1.68 7.25	40.30 1.56 6.14	37.34 2.23 5.67	40.53 2.50 3.36	42.33 2.26 0.85	41.16 1.78 -0.24
STURGEON_POOL_HYD 23609	50.84 1.25 0.00	39.02 0.95 0.00	39.84 0.94 0.00	39.91 1.01 0.00	38.21 1.09 0.00	43.65 1.36 0.00	69.80 2.33 0.00	59.24 1.98 0.00	50.26 1.73 0.00	36.39 1.26 0.00	31.35 0.99 0.00	28.45 0.77 0.00	30.25 0.80 -0.05	31.52 0.76 0.00	31.78 0.75 0.00	39.20 1.03 0.00	41.79 1.31 0.00	50.27 1.63 0.00	52.08 1.92 0.00	46.82 1.93 0.00	42.81 2.03 0.00	43.47 2.09 0.00	42.76 1.84 0.00	40.59 1.44 0.00

ST_LAW_115_BK7_LBMP 345037	49.92 0.33 0.00	38.36 0.28 0.00	39.19 0.28 0.00	39.15 0.24 0.00	37.30 0.18 0.00	42.48 0.19 0.00	67.71 0.23 0.00	57.43 0.17 0.00	48.82 0.29 0.00	35.46 0.33 0.00	30.73 0.36 0.00	28.08 0.40 0.00	29.85 0.45 0.00	31.20 0.44 0.00	31.48 0.45 0.00	38.81 0.64 0.00	41.04 0.57 0.00	49.09 0.45 0.00	50.59 0.43 0.00	45.20 0.31 0.00	40.92 0.13 0.00	41.51 0.13 0.00	41.15 0.23 0.00	39.40 0.26 0.00
ST_LAW_115_BK8_LBMP 345038	49.92 0.33 0.00	38.36 0.28 0.00	39.19 0.28 0.00	39.15 0.24 0.00	37.30 0.18 0.00	42.48 0.19 0.00	67.71 0.23 0.00	57.43 0.17 0.00	48.82 0.29 0.00	35.46 0.33 0.00	30.73 0.36 0.00	28.08 0.40 0.00	29.85 0.45 0.00	31.20 0.44 0.00	31.48 0.45 0.00	38.81 0.64 0.00	41.04 0.57 0.00	49.09 0.45 0.00	50.59 0.43 0.00	45.20 0.31 0.00	40.92 0.13 0.00	41.51 0.13 0.00	41.15 0.23 0.00	39.40 0.26 0.00
ST_LAW_230_BK5_LBMP 345035	49.87 0.29 0.00	38.32 0.25 0.00	39.16 0.25 0.00	39.12 0.21 0.00	37.27 0.15 0.00	42.45 0.15 0.00	67.65 0.18 0.00	57.38 0.13 0.00	48.77 0.25 0.00	35.42 0.29 0.00	30.69 0.33 0.00	28.04 0.36 0.00	29.82 0.42 0.00	31.17 0.41 0.00	31.45 0.42 0.00	38.76 0.59 0.00	40.99 0.52 0.00	49.05 0.40 0.00	50.55 0.38 0.00	45.16 0.27 0.00	40.87 0.09 0.00	41.48 0.09 0.00	41.11 0.19 0.00	39.37 0.22 0.00
ST_LAW_230_BK6_LBMP 345036	49.87 0.29 0.00	38.32 0.25 0.00	39.16 0.25 0.00	39.12 0.21 0.00	37.27 0.15 0.00	42.45 0.15 0.00	67.65 0.18 0.00	57.38 0.13 0.00	48.77 0.25 0.00	35.42 0.29 0.00	30.69 0.33 0.00	28.04 0.36 0.00	29.82 0.42 0.00	31.17 0.41 0.00	31.45 0.42 0.00	38.76 0.59 0.00	40.99 0.52 0.00	49.05 0.40 0.00	50.55 0.38 0.00	45.16 0.27 0.00	40.87 0.09 0.00	41.48 0.09 0.00	41.11 0.19 0.00	39.37 0.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.85 1.26 0.00	39.01 0.94 0.00	39.78 0.88 0.00	39.86 0.96 0.00	38.19 1.07 0.00	43.70 1.41 0.00	70.03 2.56 0.00	59.43 2.18 0.00	50.40 1.88 0.00	36.42 1.29 0.00	31.36 1.00 0.00	28.51 0.83 0.00	30.39 0.91 -0.08	31.67 0.91 0.00	31.93 0.89 0.00	39.26 1.09 0.00	41.79 1.32 0.00	50.35 1.71 0.00	52.23 2.06 0.00	46.90 2.01 0.00	42.80 2.02 0.00	43.44 2.05 0.00	42.73 1.81 0.00	40.61 1.46 0.00
SWANROAD_115KV_TB1 355699	48.96 -0.62 0.00	37.76 -0.31 0.00	38.33 -0.58 0.00	38.12 -0.78 0.00	35.90 -1.21 0.00	40.64 -1.65 0.00	63.61 -3.86 0.00	52.96 -4.29 0.00	44.67 -3.86 0.00	32.83 -2.29 0.00	28.79 -1.57 0.00	26.74 -0.94 0.00	28.63 -0.78 0.00	29.79 -0.97 0.00	30.20 -0.83 0.00	36.79 -1.38 0.00	38.07 -2.40 0.00	44.67 -3.97 0.00	46.05 -4.12 0.00	41.20 -3.69 0.00	37.39 -3.40 0.00	38.22 -3.16 0.00	38.72 -2.21 0.00	37.87 -1.28 0.00
SYNERGY___BIOGAS 323694	50.55 0.97 0.00	38.87 0.80 0.00	39.49 0.58 0.00	39.33 0.42 0.00	37.13 0.02 0.00	42.16 -0.13 0.00	66.49 -0.98 0.00	55.74 -1.51 0.00	47.02 -1.51 0.00	34.32 -0.81 0.00	29.94 -0.42 0.00	27.49 -0.20 0.00	29.28 -0.12 0.00	30.45 -0.31 0.00	30.78 -0.25 0.00	37.52 -0.65 0.00	39.24 -1.23 0.00	47.01 -1.63 0.00	48.74 -1.43 0.00	43.61 -1.28 0.00	39.54 -1.25 0.00	40.28 -1.10 0.00	40.47 -0.45 0.00	39.30 0.15 0.00
SYRACUSE___ENERGY_ST1 323597	49.29 -0.30 0.00	37.82 -0.25 0.00	38.62 -0.29 0.00	38.60 -0.31 0.00	36.81 -0.30 0.00	41.98 -0.31 0.00	67.00 -0.47 0.00	56.76 -0.50 0.00	48.04 -0.49 0.00	34.78 -0.35 0.00	30.10 -0.26 0.00	27.46 -0.22 0.00	29.14 -0.26 0.00	30.46 -0.30 0.00	30.69 -0.35 0.00	37.61 -0.55 0.00	39.80 -0.68 0.00	48.00 -0.64 0.00	49.60 -0.57 0.00	44.38 -0.51 0.00	40.27 -0.51 0.00	40.87 -0.52 0.00	40.43 -0.49 0.00	38.79 -0.36 0.00
SYRACUSE___ENERGY_ST2 323598	49.29 -0.30 0.00	37.82 -0.25 0.00	38.62 -0.29 0.00	38.60 -0.31 0.00	36.81 -0.30 0.00	41.98 -0.31 0.00	67.00 -0.47 0.00	56.76 -0.50 0.00	48.04 -0.49 0.00	34.78 -0.35 0.00	30.10 -0.26 0.00	27.46 -0.22 0.00	29.14 -0.26 0.00	30.46 -0.30 0.00	30.69 -0.35 0.00	37.61 -0.55 0.00	39.80 -0.68 0.00	48.00 -0.64 0.00	49.60 -0.57 0.00	44.38 -0.51 0.00	40.27 -0.51 0.00	40.87 -0.52 0.00	40.43 -0.49 0.00	38.79 -0.36 0.00
SYRACUSE___POWER 24017	49.30 -0.29 0.00	37.81 -0.26 0.00	38.61 -0.29 0.00	38.61 -0.29 0.00	36.80 -0.31 0.00	41.98 -0.31 0.00	66.99 -0.48 0.00	56.78 -0.48 0.00	48.05 -0.48 0.00	34.78 -0.35 0.00	30.09 -0.27 0.00	27.47 -0.21 0.00	29.14 -0.26 0.00	30.46 -0.30 0.00	30.70 -0.33 0.00	37.63 -0.54 0.00	39.78 -0.69 0.00	47.97 -0.67 0.00	49.59 -0.57 0.00	44.38 -0.51 0.00	40.28 -0.50 0.00	40.88 -0.50 0.00	40.44 -0.49 0.00	38.80 -0.35 0.00
TALLMAN__138KV_BK151 55660	50.81 1.22 0.00	38.98 0.90 0.00	39.74 0.83 0.00	39.82 0.92 0.00	38.17 1.05 0.00	43.70 1.41 0.00	70.06 2.58 0.00	59.44 2.19 0.00	50.43 1.90 0.00	36.47 1.34 0.00	31.43 1.07 0.00	28.59 0.91 0.00	30.48 0.99 -0.09	31.75 0.99 0.00	31.98 0.94 0.00	39.28 1.11 0.00	41.83 1.35 0.00	50.39 1.75 0.00	52.30 2.13 0.00	46.95 2.06 0.00	42.86 2.08 0.00	43.51 2.12 0.00	42.80 1.87 0.00	40.64 1.49 0.00
TEALLAVE_115KV_TB7 355573	49.03 -0.55 0.00	37.62 -0.46 0.00	38.41 -0.49 0.00	38.42 -0.49 0.00	36.61 -0.50 0.00	41.75 -0.54 0.00	66.60 -0.87 0.00	56.47 -0.79 0.00	47.78 -0.75 0.00	34.60 -0.52 0.00	29.94 -0.43 0.00	27.33 -0.36 0.00	29.00 -0.40 0.00	30.30 -0.45 0.00	30.55 -0.48 0.00	37.44 -0.72 0.00	39.58 -0.89 0.00	47.67 -0.97 0.00	49.26 -0.90 0.00	44.09 -0.80 0.00	40.03 -0.76 0.00	40.65 -0.74 0.00	40.21 -0.71 0.00	38.60 -0.55 0.00
TELGRAPH_34_KV_EAST 80808	49.81 0.22 0.00	38.35 0.27 0.00	38.93 0.02 0.00	38.75 -0.15 0.00	36.53 -0.59 0.00	41.39 -0.90 0.00	65.09 -2.38 0.00	54.42 -2.84 0.00	45.92 -2.61 0.00	33.64 -1.49 0.00	29.40 -0.96 0.00	27.21 -0.47 0.00	29.07 -0.33 0.00	30.24 -0.51 0.00	30.61 -0.43 0.00	37.32 -0.85 0.00	38.83 -1.64 0.00	45.94 -2.70 0.00	47.46 -2.71 0.00	42.46 -2.43 0.00	38.51 -2.28 0.00	39.32 -2.07 0.00	39.64 -1.28 0.00	38.63 -0.52 0.00
TEMPLE___115KV_TB 2 55572	49.04 -0.55 0.00	37.62 -0.46 0.00	38.42 -0.49 0.00	38.42 -0.49 0.00	36.61 -0.50 0.00	41.76 -0.53 0.00	66.61 -0.86 0.00	56.47 -0.78 0.00	47.78 -0.74 0.00	34.60 -0.52 0.00	29.94 -0.43 0.00	27.33 -0.34 0.00	29.01 -0.39 0.00	30.31 -0.44 0.00	30.56 -0.47 0.00	37.46 -0.71 0.00	39.59 -0.88 0.00	47.69 -0.95 0.00	49.29 -0.88 0.00	44.11 -0.79 0.00	40.04 -0.74 0.00	40.66 -0.73 0.00	40.22 -0.70 0.00	38.61 -0.53 0.00
TIANA____69_KV_BK 1 55817	55.80 2.15 -4.06	60.50 1.44 -20.99	51.85 1.40 -11.55	52.33 1.48 -11.93	48.91 1.77 -10.03	46.27 2.62 -1.36	69.20 3.76 2.04	56.12 2.99 4.12	49.17 2.66 2.02	37.60 2.10 -0.37	42.29 1.56 -10.37	28.94 1.26 0.00	30.68 1.18 -0.09	31.73 0.97 0.00	31.35 0.93 0.61	33.07 1.21 6.31	34.66 1.69 7.50	41.24 2.16 9.56	42.75 2.62 10.03	38.77 2.38 8.50	35.74 2.81 7.85	39.74 3.00 4.65	42.43 2.69 1.18	41.36 2.13 -0.08

TILDEN___115KV_TB1 80814	49.30 -0.29 0.00	37.81 -0.26 0.00	38.61 -0.29 0.00	38.61 -0.29 0.00	36.80 -0.31 0.00	41.98 -0.31 0.00	66.99 -0.48 0.00	56.78 -0.48 0.00	48.05 -0.48 0.00	34.78 -0.35 0.00	30.09 -0.27 0.00	27.47 -0.21 0.00	29.14 -0.26 0.00	30.46 -0.30 0.00	30.70 -0.33 0.00	37.63 -0.54 0.00	39.78 -0.69 0.00	47.97 -0.67 0.00	49.59 -0.57 0.00	44.38 -0.51 0.00	40.28 -0.50 0.00	40.88 -0.50 0.00	40.44 -0.49 0.00	38.80 -0.35 0.00
TRIGEN___CC 323695	65.90 1.76 -14.56	83.92 1.30 -44.54	62.97 1.33 -22.73	63.96 1.40 -23.65	58.37 1.60 -19.66	46.89 2.15 -2.45	70.65 3.18 0.00	59.77 2.52 0.00	50.83 2.30 0.00	37.67 1.88 -0.67	50.34 1.43 -18.55	28.87 1.18 0.00	30.68 1.19 -0.09	31.82 1.07 0.00	32.03 0.99 0.00	39.36 1.19 0.00	41.96 1.49 0.00	50.40 1.76 0.00	52.33 2.16 0.00	46.89 2.00 0.00	43.08 2.30 0.00	43.84 2.45 -0.01	43.08 2.15 0.00	42.04 1.75 -1.15
TRINITY___115KV___4 BK 55933	49.61 0.03 0.00	38.10 0.03 0.00	38.96 0.05 0.00	39.02 0.11 0.00	37.34 0.23 0.00	42.54 0.25 0.00	68.03 0.56 0.00	57.93 0.67 0.00	49.00 0.47 0.00	35.31 0.19 0.00	30.39 0.04 0.00	27.62 -0.06 0.00	29.23 -0.11 0.06	30.71 -0.05 0.00	31.05 0.02 0.00	38.25 0.08 0.00	40.79 0.32 0.00	49.19 0.55 0.00	50.68 0.52 0.00	45.45 0.56 0.00	41.57 0.78 0.00	42.18 0.79 0.00	41.53 0.61 0.00	39.43 0.29 0.00
UNION___PROCESSING_DRP 323587	49.68 0.09 0.00	38.16 0.09 0.00	38.86 -0.05 0.00	38.76 -0.15 0.00	36.74 -0.37 0.00	41.82 -0.47 0.00	66.35 -1.12 0.00	56.00 -1.26 0.00	47.28 -1.24 0.00	34.44 -0.68 0.00	29.93 -0.42 0.00	27.48 -0.20 0.00	29.29 -0.11 0.00	30.57 -0.19 0.00	30.84 -0.19 0.00	37.77 -0.40 0.00	39.68 -0.80 0.00	47.45 -1.19 0.00	49.04 -1.12 0.00	43.88 -1.01 0.00	39.79 -1.00 0.00	40.45 -0.93 0.00	40.35 -0.57 0.00	38.95 -0.20 0.00
UPPER HUDSON___HYD 24058	51.19 1.61 0.00	39.23 1.15 0.00	40.20 1.29 0.00	40.20 1.30 0.00	38.45 1.34 0.00	43.81 1.51 0.00	70.06 2.59 0.00	59.60 2.35 0.00	50.23 1.71 0.00	35.99 0.86 0.00	30.73 0.37 0.00	27.86 0.17 0.00	29.46 0.12 0.07	31.06 0.30 0.00	31.52 0.49 0.00	39.10 0.93 0.00	41.95 1.48 0.00	50.82 2.18 0.00	52.29 2.12 0.00	46.80 1.92 0.00	42.78 1.99 0.00	43.33 1.95 0.00	42.67 1.74 0.00	40.48 1.33 0.00
UPPER RAQUET___HYD 24056	51.35 1.76 0.00	39.44 1.36 0.00	40.27 1.36 0.00	40.22 1.32 0.00	38.31 1.19 0.00	43.62 1.33 0.00	69.64 2.17 0.00	59.12 1.87 0.00	50.21 1.69 0.00	36.48 1.35 0.00	31.60 1.24 0.00	28.76 1.08 0.00	30.42 1.02 0.00	31.75 0.99 0.00	32.12 1.09 0.00	39.66 1.49 0.00	41.94 1.47 0.00	50.08 1.44 0.00	51.44 1.27 0.00	46.11 1.22 0.00	41.71 0.92 0.00	42.39 1.00 0.00	41.99 1.07 0.00	40.12 0.97 0.00
VALLEY44_115KV_TB2 355964	49.95 0.37 0.00	38.28 0.21 0.00	38.85 -0.06 0.00	38.83 -0.07 0.00	36.67 -0.45 0.00	41.90 -0.40 0.00	66.14 -1.33 0.00	55.15 -2.10 0.00	46.47 -2.06 0.00	33.94 -1.19 0.00	29.81 -0.55 0.00	27.65 -0.03 0.00	29.64 0.23 0.00	30.95 0.19 0.00	31.27 0.24 0.00	38.02 -0.14 0.00	39.61 -0.87 0.00	47.26 -1.38 0.00	48.60 -1.57 0.00	43.43 -1.46 0.00	39.13 -1.65 0.00	39.95 -1.43 0.00	39.97 -0.96 0.00	38.72 -0.43 0.00
VALLEY___115KV_TB 1-4 80826	51.50 1.92 0.00	39.47 1.40 0.00	40.35 1.44 0.00	40.37 1.47 0.00	38.59 1.48 0.00	44.04 1.75 0.00	70.42 2.95 0.00	59.91 2.66 0.00	50.52 2.00 0.00	36.06 0.93 0.00	30.85 0.49 0.00	28.03 0.35 0.00	29.66 0.26 0.00	31.27 0.51 0.00	31.68 0.64 0.00	39.14 0.97 0.00	41.89 1.42 0.00	50.56 1.92 0.00	52.04 1.88 0.00	46.59 1.70 0.00	42.40 1.61 0.00	43.12 1.73 0.00	42.65 1.73 0.00	40.59 1.44 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.38 1.79 0.00	39.39 1.32 0.00	40.25 1.34 0.00	40.34 1.43 0.00	38.46 1.35 0.00	43.96 1.67 0.00	70.14 2.67 0.00	59.46 2.21 0.00	50.42 1.90 0.00	36.24 1.11 0.00	30.99 0.63 0.00	28.39 0.71 0.00	30.39 0.99 0.00	31.82 1.06 0.00	32.09 1.06 0.00	39.41 1.25 0.00	41.82 1.35 0.00	50.44 1.80 0.00	51.97 1.80 0.00	46.59 1.70 0.00	42.36 1.57 0.00	42.98 1.59 0.00	42.41 1.48 0.00	40.46 1.31 0.00
VISCHER___FERRY HYD 24020	50.55 0.96 0.00	38.78 0.71 0.00	39.68 0.77 0.00	39.71 0.81 0.00	38.00 0.88 0.00	43.34 1.05 0.00	69.29 1.82 0.00	58.96 1.70 0.00	49.76 1.23 0.00	35.78 0.65 0.00	30.73 0.37 0.00	27.90 0.22 0.00	29.49 0.17 0.09	31.02 0.27 0.00	31.37 0.34 0.00	38.82 0.65 0.00	41.53 1.06 0.00	50.15 1.51 0.00	51.61 1.44 0.00	46.27 1.38 0.00	42.34 1.55 0.00	42.94 1.56 0.00	42.28 1.36 0.00	40.15 1.00 0.00
V_A_10_SYNC_DSASP 323832	49.38 -0.21 0.00	37.99 -0.08 0.00	38.62 -0.29 0.00	38.47 -0.44 0.00	36.29 -0.83 0.00	41.20 -1.09 0.00	64.93 -2.55 0.00	54.34 -2.92 0.00	45.79 -2.73 0.00	33.54 -1.59 0.00	29.36 -1.00 0.00	27.20 -0.48 0.00	29.10 -0.30 0.00	30.33 -0.43 0.00	30.72 -0.31 0.00	37.54 -0.63 0.00	38.98 -1.48 0.00	45.97 -2.67 0.00	47.35 -2.82 0.00	42.36 -2.53 0.00	38.42 -2.36 0.00	39.24 -2.14 0.00	39.53 -1.39 0.00	38.45 -0.69 0.00
V_CMM_10_SYNC_DSASP 323787	50.19 0.60 0.00	38.56 0.49 0.00	39.40 0.49 0.00	39.36 0.46 0.00	37.49 0.38 0.00	42.70 0.41 0.00	68.07 0.59 0.00	57.72 0.47 0.00	49.07 0.54 0.00	35.63 0.50 0.00	30.89 0.53 0.00	28.23 0.55 0.00	30.01 0.61 0.00	31.37 0.61 0.00	31.66 0.63 0.00	39.02 0.85 0.00	41.27 0.80 0.00	49.35 0.70 0.00	50.86 0.69 0.00	45.43 0.54 0.00	41.12 0.33 0.00	41.72 0.34 0.00	41.37 0.45 0.00	39.61 0.46 0.00
V_CMP_10_SYNC_DSASP 323788	50.71 1.12 0.00	38.90 0.83 0.00	39.70 0.79 0.00	39.72 0.81 0.00	38.03 0.91 0.00	43.44 1.15 0.00	68.86 1.39 0.00	58.35 1.10 0.00	49.46 0.93 0.00	36.08 0.95 0.00	31.30 0.94 0.00	28.66 0.98 0.00	30.43 1.03 0.00	31.83 1.07 0.00	32.10 1.07 0.00	39.75 1.58 0.00	42.08 1.62 0.00	49.92 1.28 0.00	51.16 1.00 0.00	45.47 0.58 0.00	40.85 0.06 0.00	41.61 0.22 0.00	41.52 0.60 0.00	39.70 0.55 0.00
V_D_10_SYNC_DSASP 323841	50.51 0.93 0.00	38.82 0.74 0.00	39.65 0.74 0.00	39.61 0.70 0.00	37.73 0.62 0.00	42.97 0.68 0.00	68.50 1.03 0.00	58.11 0.85 0.00	49.38 0.85 0.00	35.86 0.73 0.00	31.09 0.73 0.00	28.40 0.72 0.00	30.18 0.78 0.00	31.53 0.78 0.00	31.84 0.80 0.00	39.25 1.08 0.00	41.50 1.04 0.00	49.64 1.00 0.00	51.13 0.97 0.00	45.70 0.81 0.00	41.36 0.57 0.00	41.96 0.58 0.00	41.61 0.68 0.00	39.81 0.66 0.00
V_E_10_SYNC_DSASP 323830	52.82 3.24 0.00	40.43 2.36 0.00	41.24 2.33 0.00	41.24 2.34 0.00	39.32 2.21 0.00	44.84 2.55 0.00	71.89 4.41 0.00	61.03 3.77 0.00	51.38 2.85 0.00	36.71 1.58 0.00	31.65 1.29 0.00	28.93 1.26 0.00	30.78 1.38 0.00	32.19 1.43 0.00	32.38 1.35 0.00	39.76 1.60 0.00	42.01 1.54 0.00	51.14 2.50 0.00	52.88 2.71 0.00	47.01 2.00 -0.12	42.53 1.35 -0.39	42.94 1.01 -0.54	42.63 0.91 -0.79	40.51 1.02 -0.34



V_F_30_NSYNC___DSASP 323816	51.26 1.67 0.00	39.31 1.24 0.00	40.23 1.33 0.00	40.24 1.34 0.00	38.48 1.37 0.00	43.89 1.60 0.00	70.19 2.72 0.00	59.66 2.41 0.00	50.37 1.84 0.00	36.15 1.03 0.00	30.98 0.62 0.00	28.11 0.43 0.00	29.73 0.40 0.07	31.29 0.53 0.00	31.71 0.68 0.00	39.27 1.11 0.00	42.03 1.56 0.00	50.82 2.18 0.00	52.34 2.17 0.00	46.85 1.95 0.00	42.81 2.03 0.00	43.40 2.02 0.00	42.76 1.83 0.00	40.63 1.48 0.00
V_F_30_SYNC_DSASP 323786	49.77 0.18 0.00	38.23 0.15 0.00	39.08 0.17 0.00	39.13 0.23 0.00	37.45 0.34 0.00	42.66 0.37 0.00	68.24 0.77 0.00	58.12 0.87 0.00	49.17 0.65 0.00	35.43 0.30 0.00	30.50 0.14 0.00	27.70 0.03 0.00	29.31 -0.03 0.06	30.82 0.06 0.00	31.18 0.14 0.00	38.41 0.24 0.00	40.95 0.48 0.00	49.39 0.75 0.00	50.90 0.73 0.00	45.63 0.74 0.00	41.72 0.94 0.00	42.33 0.94 0.00	41.67 0.75 0.00	39.57 0.42 0.00
V_XM_10_SYNC_DSASP 323789	50.71 1.12 0.00	38.90 0.83 0.00	39.70 0.79 0.00	39.72 0.81 0.00	38.03 0.91 0.00	43.44 1.15 0.00	68.86 1.39 0.00	58.35 1.10 0.00	49.46 0.93 0.00	36.08 0.95 0.00	31.30 0.94 0.00	28.66 0.98 0.00	30.43 1.03 0.00	31.83 1.07 0.00	32.10 1.07 0.00	39.75 1.58 0.00	42.08 1.62 0.00	49.92 1.28 0.00	51.16 1.00 0.00	45.47 0.58 0.00	40.85 0.06 0.00	41.61 0.22 0.00	41.52 0.60 0.00	39.70 0.55 0.00
W.BABYLN_69_KV_BK1 56697	60.06 2.29 -8.19	67.04 1.63 -27.33	54.72 1.64 -14.17	55.30 1.67 -14.72	51.31 1.93 -12.27	46.59 2.74 -1.56	70.82 3.90 0.54	59.24 3.09 1.10	50.74 2.76 0.54	37.82 2.26 -0.43	43.93 1.72 -11.85	29.13 1.45 0.00	30.92 1.42 -0.09	31.96 1.20 0.00	31.92 1.06 0.16	37.71 1.22 1.69	40.07 1.61 2.01	48.06 1.97 2.54	49.96 2.46 2.67	44.87 2.24 2.26	41.38 2.68 2.09	43.12 2.97 1.23	43.24 2.63 0.31	41.88 2.15 -0.58
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.12 1.53 0.00	39.24 1.16 0.00	40.01 1.10 0.00	40.09 1.19 0.00	38.42 1.31 0.00	44.25 1.95 0.00	70.98 3.51 0.00	60.25 3.00 0.00	51.12 2.60 0.00	36.82 1.70 0.00	31.70 1.34 0.00	28.82 1.14 0.00	30.75 1.26 -0.09	32.03 1.27 0.00	32.28 1.25 0.00	39.66 1.49 0.00	42.05 1.58 0.00	50.67 2.03 0.00	52.57 2.40 0.00	47.18 2.30 0.00	43.08 2.30 0.00	43.74 2.35 0.00	43.01 2.09 0.00	40.84 1.69 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.09 1.50 0.00	39.27 1.20 0.00	40.08 1.18 0.00	40.17 1.26 0.00	38.48 1.36 0.00	44.00 1.70 0.00	70.33 2.86 0.00	59.66 2.41 0.00	50.69 2.16 0.00	36.77 1.64 0.00	31.74 1.37 0.00	28.86 1.18 0.00	30.75 1.26 -0.09	32.02 1.26 0.00	32.26 1.22 0.00	39.65 1.48 0.00	42.20 1.73 0.00	50.71 2.07 0.00	52.57 2.41 0.00	47.18 2.29 0.00	43.14 2.35 0.00	43.84 2.45 0.00	43.10 2.17 0.00	40.92 1.77 0.00
W50THST__13_KV_LOAD 356117	51.27 1.69 0.00	39.40 1.33 0.00	40.21 1.30 0.00	40.29 1.38 0.00	38.59 1.48 0.00	44.14 1.84 0.00	70.55 3.07 0.00	59.87 2.62 0.00	50.86 2.34 0.00	36.90 1.77 0.00	31.85 1.49 0.00	28.97 1.29 0.00	30.87 1.38 -0.09	32.15 1.39 0.00	32.38 1.35 0.00	39.80 1.63 0.00	42.37 1.89 0.00	50.90 2.26 0.00	52.77 2.60 0.00	47.35 2.46 0.00	43.30 2.51 0.00	43.99 2.60 0.00	43.26 2.34 0.00	41.06 1.91 0.00
WADING RIVER_IC_1 23522	55.00 1.39 -4.03	59.95 0.92 -20.95	51.39 0.95 -11.53	51.82 1.00 -11.92	48.41 1.28 -10.01	45.70 2.04 -1.36	68.19 2.77 2.05	55.21 2.11 4.15	48.41 1.92 2.04	37.09 1.59 -0.37	41.86 1.14 -10.36	28.56 0.87 0.00	30.27 0.78 -0.09	31.30 0.54 0.00	30.89 0.48 0.62	32.43 0.63 6.36	33.94 1.04 7.56	40.32 1.32 9.63	41.75 1.69 10.11	37.87 1.55 8.56	34.95 2.07 7.91	38.99 2.29 4.69	41.74 2.01 1.19	40.74 1.53 -0.07
WADING RIVER_IC_2 23547	55.00 1.39 -4.03	59.95 0.92 -20.95	51.39 0.95 -11.53	51.82 1.00 -11.92	48.41 1.28 -10.01	45.70 2.04 -1.36	68.19 2.77 2.05	55.21 2.11 4.15	48.41 1.92 2.04	37.09 1.59 -0.37	41.86 1.14 -10.36	28.56 0.87 0.00	30.27 0.78 -0.09	31.30 0.54 0.00	30.89 0.48 0.62	32.43 0.63 6.36	33.94 1.04 7.56	40.32 1.32 9.63	41.75 1.69 10.11	37.87 1.55 8.56	34.95 2.07 7.91	38.99 2.29 4.69	41.74 2.01 1.19	40.74 1.53 -0.07
WADING RIVER_IC_3 23601	55.00 1.39 -4.03	59.95 0.92 -20.95	51.39 0.95 -11.53	51.82 1.00 -11.92	48.41 1.28 -10.01	45.70 2.04 -1.36	68.19 2.77 2.05	55.21 2.11 4.15	48.41 1.92 2.04	37.09 1.59 -0.37	41.86 1.14 -10.36	28.56 0.87 0.00	30.27 0.78 -0.09	31.30 0.54 0.00	30.89 0.48 0.62	32.43 0.63 6.36	33.94 1.04 7.56	40.32 1.32 9.63	41.75 1.69 10.11	37.87 1.55 8.56	34.95 2.07 7.91	38.99 2.29 4.69	41.74 2.01 1.19	40.74 1.53 -0.07
WALDENNY_12_KV_BK2 80841	49.84 0.26 0.00	38.32 0.25 0.00	38.88 -0.03 0.00	38.71 -0.19 0.00	36.43 -0.69 0.00	41.35 -0.94 0.00	65.02 -2.45 0.00	54.35 -2.90 0.00	45.81 -2.71 0.00	33.63 -1.49 0.00	29.52 -0.84 0.00	27.36 -0.32 0.00	29.29 -0.11 0.00	30.48 -0.28 0.00	30.90 -0.14 0.00	37.72 -0.45 0.00	39.17 -1.30 0.00	46.20 -2.44 0.00	47.54 -2.63 0.00	42.47 -2.42 0.00	38.43 -2.36 0.00	39.28 -2.11 0.00	39.60 -1.33 0.00	38.54 -0.61 0.00
WALDEN___HYDRO 24148	51.07 1.48 0.00	39.19 1.11 0.00	39.97 1.06 0.00	40.05 1.14 0.00	38.35 1.24 0.00	43.88 1.59 0.00	70.28 2.81 0.00	59.65 2.39 0.00	50.60 2.07 0.00	36.57 1.45 0.00	31.49 1.14 0.00	28.59 0.92 0.00	30.46 0.98 -0.07	31.73 0.97 0.00	32.00 0.96 0.00	39.40 1.24 0.00	41.97 1.50 0.00	50.58 1.94 0.00	52.48 2.32 0.00	47.13 2.24 0.00	43.03 2.24 0.00	43.67 2.28 0.00	42.94 2.02 0.00	40.78 1.63 0.00
WARRENSBURG____ 23737	51.19 1.60 0.00	39.23 1.15 0.00	40.20 1.29 0.00	40.20 1.30 0.00	38.45 1.34 0.00	43.81 1.51 0.00	70.06 2.59 0.00	59.61 2.35 0.00	50.23 1.71 0.00	35.99 0.86 0.00	30.73 0.37 0.00	27.85 0.17 0.00	29.46 0.12 0.07	31.06 0.30 0.00	31.52 0.49 0.00	39.10 0.93 0.00	41.95 1.48 0.00	50.82 2.18 0.00	52.29 2.12 0.00	46.80 1.92 0.00	42.78 2.00 0.00	43.33 1.95 0.00	42.67 1.75 0.00	40.48 1.33 0.00
WATERSIDE___6 8 9 23538	50.94 1.35 0.00	39.25 1.18 0.00	40.07 1.16 0.00	40.16 1.25 0.00	38.48 1.37 0.00	43.92 1.63 0.00	70.19 2.72 0.00	59.55 2.29 0.00	50.61 2.09 0.00	36.75 1.63 0.00	31.75 1.38 0.00	28.85 1.17 0.00	30.75 1.26 -0.09	32.01 1.26 0.00	32.26 1.22 0.00	39.63 1.47 0.00	42.15 1.67 0.00	50.57 1.93 0.00	52.47 2.30 0.00	47.08 2.19 0.00	43.08 2.29 0.00	43.78 2.39 0.00	43.03 2.11 0.00	40.88 1.73 0.00
WATKINRD_115KV_LN8_ILLION 55919	50.88 1.30 0.00	39.02 0.94 0.00	39.88 0.97 0.00	39.90 0.99 0.00	38.13 1.01 0.00	43.50 1.21 0.00	69.50 2.03 0.00	59.09 1.84 0.00	49.90 1.38 0.00	35.76 0.63 0.00	30.66 0.30 0.00	27.88 0.20 0.00	29.54 0.13 0.00	31.06 0.30 0.00	31.43 0.40 0.00	38.78 0.62 0.00	41.43 0.96 0.00	49.97 1.33 0.00	51.49 1.33 0.00	46.09 1.20 0.00	41.94 1.16 0.00	42.62 1.23 0.00	42.11 1.19 0.00	40.13 0.98 0.00

WDELAWARE___HYD 323627	50.40 0.81 0.00	38.66 0.59 0.00	39.43 0.52 0.00	39.49 0.59 0.00	37.81 0.69 0.00	43.22 0.93 0.00	69.25 1.78 0.00	58.80 1.55 0.00	49.88 1.35 0.00	36.07 0.94 0.00	30.99 0.63 0.00	28.03 0.35 0.00	29.69 0.23 -0.06	30.22 -0.53 0.00	30.52 -0.52 0.00	37.74 -0.43 0.00	40.17 -0.30 0.00	48.51 -0.13 0.00	50.54 0.37 0.00	46.52 1.63 0.00	42.42 1.63 0.00	43.03 1.64 0.00	42.32 1.40 0.00	40.20 1.05 0.00
WEST BABYLON___IC 23714	60.06 2.29 -8.19	67.04 1.63 -27.33	54.72 1.64 -14.17	55.30 1.67 -14.72	51.31 1.93 -12.27	46.59 2.74 -1.56	70.82 3.90 0.54	59.24 3.09 1.10	50.74 2.76 0.54	37.82 2.26 -0.43	43.93 1.72 -11.85	29.13 1.45 0.00	30.92 1.42 -0.09	31.96 1.20 0.00	31.92 1.06 0.16	37.71 1.22 1.69	40.07 1.61 2.01	48.06 1.97 2.54	49.96 2.46 2.67	44.87 2.24 2.26	41.38 2.68 2.09	43.12 2.97 1.23	43.24 2.63 0.31	41.88 2.15 -0.58
WEST CANADA___HYD 24049	49.69 0.10 0.00	38.15 0.07 0.00	38.99 0.08 0.00	38.98 0.08 0.00	37.23 0.11 0.00	42.42 0.13 0.00	67.68 0.21 0.00	57.48 0.22 0.00	48.67 0.15 0.00	35.18 0.06 0.00	30.36 0.00 0.00	27.65 -0.03 0.00	29.36 -0.04 0.00	30.74 -0.02 0.00	31.03 0.00 0.00	38.17 0.00 0.00	40.54 0.07 0.00	48.77 0.13 0.00	50.27 0.10 0.00	44.98 0.09 0.00	40.91 0.13 0.00	41.52 0.13 0.00	41.01 0.09 0.00	39.19 0.04 0.00
WESTERN_NY_WIND 24143	50.51 0.92 0.00	38.84 0.76 0.00	39.45 0.54 0.00	39.29 0.38 0.00	37.09 -0.02 0.00	42.10 -0.19 0.00	66.38 -1.09 0.00	55.65 -1.61 0.00	46.93 -1.60 0.00	34.26 -0.86 0.00	29.89 -0.47 0.00	27.46 -0.22 0.00	29.25 -0.15 0.00	30.42 -0.34 0.00	30.75 -0.28 0.00	37.48 -0.69 0.00	39.18 -1.29 0.00	46.91 -1.73 0.00	48.64 -1.52 0.00	43.53 -1.36 0.00	39.46 -1.33 0.00	40.21 -1.18 0.00	40.41 -0.51 0.00	39.25 0.10 0.00
WESTOVER___LESR 323668	49.98 0.39 0.00	38.29 0.21 0.00	39.06 0.15 0.00	39.08 0.18 0.00	37.22 0.11 0.00	42.58 0.29 0.00	67.88 0.41 0.00	57.31 0.06 0.00	48.44 -0.09 0.00	35.07 -0.06 0.00	30.44 0.08 0.00	27.85 0.17 0.00	29.63 0.23 0.00	30.99 0.23 0.00	31.21 0.17 0.00	38.24 0.07 0.00	40.40 -0.07 0.00	48.59 -0.05 0.00	50.11 -0.06 0.00	44.86 -0.02 0.00	40.61 -0.17 0.00	41.23 -0.15 0.00	40.83 -0.09 0.00	39.14 -0.01 0.00
WETHRSFD_WT_PWR 323626	49.69 0.10 0.00	38.11 0.04 0.00	38.47 -0.44 0.00	38.35 -0.55 0.00	36.09 -1.02 0.00	40.86 -1.44 0.00	64.44 -3.03 0.00	54.16 -3.09 0.00	45.71 -2.81 0.00	33.46 -1.66 0.00	29.39 -0.97 0.00	27.04 -0.64 0.00	28.88 -0.53 0.00	30.09 -0.67 0.00	30.33 -0.71 0.00	37.06 -1.11 0.00	38.76 -1.71 0.00	46.28 -2.36 0.00	47.61 -2.56 0.00	42.19 -2.58 0.12	37.65 -2.78 0.36	38.23 -2.66 0.50	38.19 -2.00 0.74	37.41 -1.42 0.32
WHAVSTOR_138KV_BK127 55557	50.77 1.19 0.00	38.97 0.90 0.00	39.74 0.83 0.00	39.82 0.91 0.00	38.15 1.03 0.00	43.65 1.35 0.00	69.94 2.46 0.00	59.33 2.08 0.00	50.34 1.81 0.00	36.42 1.30 0.00	31.40 1.04 0.00	28.55 0.87 0.00	30.44 0.95 -0.09	31.69 0.94 0.00	31.92 0.89 0.00	39.23 1.06 0.00	41.79 1.32 0.00	50.34 1.70 0.00	52.22 2.06 0.00	46.88 1.99 0.00	42.82 2.04 0.00	43.47 2.08 0.00	42.77 1.84 0.00	40.61 1.46 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.77 1.19 0.00	38.97 0.90 0.00	39.74 0.83 0.00	39.82 0.91 0.00	38.15 1.03 0.00	43.65 1.35 0.00	69.94 2.46 0.00	59.33 2.08 0.00	50.34 1.81 0.00	36.42 1.30 0.00	31.40 1.04 0.00	28.55 0.87 0.00	30.44 0.95 -0.09	31.69 0.94 0.00	31.92 0.89 0.00	39.23 1.06 0.00	41.79 1.32 0.00	50.34 1.70 0.00	52.22 2.06 0.00	46.88 1.99 0.00	42.82 2.04 0.00	43.47 2.08 0.00	42.77 1.84 0.00	40.61 1.46 0.00
WHITEHAL_115KV_TB1 80871	52.89 3.31 0.00	40.40 2.33 0.00	41.38 2.48 0.00	41.38 2.48 0.00	39.61 2.49 0.00	45.37 3.07 0.00	72.59 5.12 0.00	61.79 4.54 0.00	51.62 3.09 0.00	36.48 1.35 0.00	30.95 0.59 0.00	28.06 0.38 0.00	29.75 0.42 0.07	31.58 0.83 0.00	32.03 1.00 0.00	40.08 1.92 0.00	43.46 2.99 0.00	52.66 4.02 0.00	53.83 3.67 0.00	48.22 3.33 0.00	44.36 3.58 0.00	44.88 3.50 0.00	44.00 3.08 0.00	41.51 2.37 0.00
WHITEPLN_13_KV_LOAD 356215	51.37 1.79 0.00	39.45 1.37 0.00	40.23 1.32 0.00	40.32 1.42 0.00	38.61 1.50 0.00	44.19 1.90 0.00	70.70 3.22 0.00	60.00 2.75 0.00	50.92 2.39 0.00	36.87 1.75 0.00	31.80 1.43 0.00	28.89 1.21 0.00	30.78 1.29 -0.09	32.05 1.29 0.00	32.28 1.25 0.00	39.70 1.54 0.00	42.30 1.83 0.00	50.92 2.27 0.00	52.79 2.62 0.00	47.38 2.49 0.00	43.31 2.52 0.00	43.99 2.60 0.00	43.26 2.33 0.00	41.05 1.91 0.00
WM_FLOYD_69_KV_BK2 356380	55.63 1.80 -4.24	60.50 1.22 -21.20	51.78 1.25 -11.63	52.23 1.31 -12.02	48.78 1.58 -10.09	46.05 2.39 -1.37	68.84 3.32 1.96	55.87 2.58 3.96	48.88 2.29 1.94	37.33 1.83 -0.37	42.09 1.34 -10.40	28.73 1.05 0.00	30.47 0.97 -0.09	31.49 0.74 0.00	31.14 0.69 0.59	33.00 0.89 6.06	34.60 1.34 7.21	41.16 1.70 9.18	42.63 2.09 9.63	38.66 1.93 8.16	35.65 2.40 7.53	39.56 2.64 4.47	42.13 2.34 1.13	41.08 1.83 -0.10
WOODARD___115KV_TB2 355635	48.96 -0.63 0.00	37.57 -0.50 0.00	38.36 -0.55 0.00	38.35 -0.55 0.00	36.56 -0.55 0.00	41.69 -0.61 0.00	66.50 -0.97 0.00	56.38 -0.87 0.00	47.73 -0.80 0.00	34.56 -0.56 0.00	29.90 -0.46 0.00	27.28 -0.40 0.00	28.95 -0.45 0.00	30.26 -0.50 0.00	30.51 -0.52 0.00	37.39 -0.78 0.00	39.55 -0.92 0.00	47.64 -1.00 0.00	49.23 -0.94 0.00	44.06 -0.83 0.00	40.00 -0.78 0.00	40.61 -0.78 0.00	40.17 -0.75 0.00	38.56 -0.59 0.00
WOODMERE_69_KV_BK1 55827	65.39 2.30 -13.51	81.06 1.65 -41.33	61.70 1.70 -21.09	62.63 1.78 -21.95	57.33 1.97 -18.24	47.18 2.61 -2.27	71.34 3.87 0.00	60.22 2.97 0.00	51.25 2.73 0.00	37.98 2.24 -0.62	49.30 1.73 -17.20	29.14 1.47 0.00	30.97 1.48 -0.09	32.13 1.37 0.00	32.32 1.29 0.00	39.73 1.56 0.00	42.36 1.89 0.00	50.91 2.27 0.00	52.88 2.72 0.00	47.39 2.50 0.00	43.53 2.75 0.00	44.29 2.90 0.00	43.49 2.56 0.00	42.36 2.15 -1.06
YORK___WARBASSE 23770	51.15 1.57 0.00	39.43 1.36 0.00	40.21 1.31 0.00	40.28 1.37 0.00	38.60 1.49 0.00	44.05 1.75 0.00	70.46 2.99 0.00	59.77 2.51 0.00	50.80 2.28 0.00	36.89 1.77 0.00	31.81 1.45 0.00	28.91 1.23 0.00	30.82 1.33 -0.09	32.09 1.34 0.00	32.33 1.30 0.00	39.73 1.56 0.00	42.21 1.74 0.00	50.65 2.01 0.00	52.61 2.44 0.00	47.21 2.32 0.00	43.19 2.40 0.00	43.93 2.54 0.00	43.16 2.23 0.00	41.04 1.89 0.00