

ALBANY___2 23572	30.24 0.24 0.00	27.97 0.15 0.00	24.98 0.12 0.00	25.89 0.12 0.00	26.52 0.10 0.00	28.22 0.12 0.00	26.50 0.18 0.00	28.42 0.13 0.00	30.18 0.11 0.00	29.32 0.18 0.00	28.18 0.09 -0.98	31.63 0.11 -4.43	33.36 0.03 0.00	38.55 0.06 0.00	43.16 0.08 0.00	44.02 0.04 0.00	46.04 0.28 0.00	53.80 0.36 0.00	54.06 0.26 0.00	41.05 0.21 0.00	39.53 0.04 0.00	40.36 -0.02 0.00	35.54 -0.02 0.00	31.68 0.20 0.00
ALBANY___3 23573	30.24 0.24 0.00	27.97 0.15 0.00	24.98 0.12 0.00	25.89 0.12 0.00	26.52 0.10 0.00	28.22 0.12 0.00	26.50 0.18 0.00	28.42 0.13 0.00	30.18 0.11 0.00	29.32 0.18 0.00	28.18 0.09 -0.98	31.63 0.11 -4.43	33.36 0.03 0.00	38.55 0.06 0.00	43.16 0.08 0.00	44.02 0.04 0.00	46.04 0.28 0.00	53.80 0.36 0.00	54.06 0.26 0.00	41.05 0.21 0.00	39.53 0.04 0.00	40.36 -0.02 0.00	35.54 -0.02 0.00	31.68 0.20 0.00
ALBANY___4 23574	30.24 0.24 0.00	27.97 0.15 0.00	24.98 0.12 0.00	25.89 0.12 0.00	26.52 0.10 0.00	28.22 0.12 0.00	26.50 0.18 0.00	28.42 0.13 0.00	30.18 0.11 0.00	29.32 0.18 0.00	28.18 0.09 -0.98	31.63 0.11 -4.43	33.36 0.03 0.00	38.55 0.06 0.00	43.16 0.08 0.00	44.02 0.04 0.00	46.04 0.28 0.00	53.80 0.36 0.00	54.06 0.26 0.00	41.05 0.21 0.00	39.53 0.04 0.00	40.36 -0.02 0.00	35.54 -0.02 0.00	31.68 0.20 0.00
ALBANY___LFGE 323615	30.57 0.58 0.00	28.28 0.45 0.00	25.26 0.39 0.00	26.16 0.40 0.00	26.81 0.39 0.00	28.53 0.43 0.00	26.80 0.48 0.00	28.73 0.44 0.00	30.51 0.44 0.00	29.66 0.53 0.00	28.50 0.41 -0.97	31.94 0.44 -4.40	33.78 0.44 0.00	39.04 0.55 0.00	43.74 0.65 0.00	44.62 0.64 0.00	46.68 0.92 0.00	54.55 1.11 0.00	54.78 0.97 0.00	41.58 0.75 0.00	40.04 0.55 0.00	40.87 0.48 0.00	35.99 0.42 0.00	32.05 0.58 0.00
ALCOA_PA_115KV_PL-6C 55860	29.62 -0.37 0.00	27.68 -0.15 0.00	24.79 -0.07 0.00	25.73 -0.03 0.00	26.41 -0.01 0.00	28.01 -0.09 0.00	26.18 -0.15 0.00	28.29 0.01 0.00	30.16 0.09 0.00	29.02 -0.11 0.00	26.99 -0.11 0.00	26.86 -0.23 0.00	33.06 -0.27 0.00	38.09 -0.40 0.00	42.67 -0.41 0.00	43.56 -0.41 0.00	44.80 -0.96 0.00	52.01 -1.44 0.00	52.62 -1.19 0.00	40.50 -0.34 0.00	39.41 -0.08 0.00	40.35 -0.03 0.00	35.64 0.07 0.00	31.28 -0.20 0.00
ALCOA_RYNLDS___DRP 24188	29.62 -0.37 0.00	27.68 -0.15 0.00	24.79 -0.07 0.00	25.73 -0.03 0.00	26.41 -0.01 0.00	28.01 -0.09 0.00	26.18 -0.15 0.00	28.29 0.01 0.00	30.16 0.09 0.00	29.02 -0.11 0.00	26.99 -0.11 0.00	26.86 -0.23 0.00	33.06 -0.27 0.00	38.09 -0.40 0.00	42.67 -0.41 0.00	43.56 -0.41 0.00	44.80 -0.96 0.00	52.01 -1.44 0.00	52.62 -1.19 0.00	40.50 -0.34 0.00	39.41 -0.08 0.00	40.35 -0.03 0.00	35.64 0.07 0.00	31.28 -0.20 0.00
ALCOA___DSASP 323711	29.62 -0.37 0.00	27.68 -0.15 0.00	24.79 -0.07 0.00	25.73 -0.03 0.00	26.41 -0.01 0.00	28.01 -0.09 0.00	26.18 -0.15 0.00	28.29 0.01 0.00	30.16 0.09 0.00	29.03 -0.11 0.00	26.99 -0.11 0.00	26.86 -0.23 0.00	33.06 -0.28 0.00	38.09 -0.40 0.00	42.67 -0.41 0.00	43.56 -0.41 0.00	44.80 -0.96 0.00	52.01 -1.43 0.00	52.62 -1.19 0.00	40.50 -0.34 0.00	39.41 -0.08 0.00	40.35 -0.03 0.00	35.64 0.07 0.00	31.28 -0.20 0.00
ALLEGHENY___COGEN 23514	30.83 0.84 0.00	28.46 0.63 0.00	25.29 0.43 0.00	26.13 0.37 0.00	26.90 0.48 0.00	28.63 0.53 0.00	26.91 0.58 0.00	28.69 0.40 0.00	30.24 0.17 0.00	29.45 0.32 0.00	27.56 0.46 0.00	27.61 0.52 0.00	34.11 0.77 0.00	38.81 0.32 0.00	43.30 0.21 0.00	43.99 0.02 0.00	46.35 0.59 0.00	54.43 0.99 0.00	55.02 1.22 0.00	42.04 1.21 0.00	41.00 1.51 0.00	41.87 1.48 0.00	37.22 1.66 0.00	32.70 1.22 0.00
ALTAMONT_115KV_TB 2 55880	30.60 0.61 0.00	28.30 0.47 0.00	25.26 0.40 0.00	26.18 0.42 0.00	26.83 0.41 0.00	28.56 0.46 0.00	26.81 0.48 0.00	28.76 0.47 0.00	30.55 0.48 0.00	29.67 0.53 0.00	28.48 0.43 -0.94	31.79 0.44 -4.25	33.80 0.46 0.00	39.03 0.54 0.00	43.68 0.60 0.00	44.57 0.60 0.00	46.63 0.87 0.00	54.50 1.06 0.00	54.81 1.01 0.00	41.59 0.76 0.00	40.08 0.59 0.00	40.95 0.56 0.00	36.06 0.50 0.00	32.08 0.61 0.00
ALTONA_WT_PWR 323606	29.04 -0.95 0.00	27.20 -0.63 0.00	24.25 -0.61 0.00	25.14 -0.62 0.00	25.78 -0.65 0.00	19.06 -0.82 8.22	13.87 -0.84 11.61	27.95 -0.35 0.00	30.36 0.29 0.00	29.42 0.29 0.00	27.38 0.27 0.00	27.15 0.06 0.00	33.76 0.42 0.00	39.11 0.62 0.00	44.11 1.02 0.00	45.27 1.30 0.00	46.84 1.08 0.00	54.48 1.03 0.00	55.45 1.64 0.00	42.33 1.50 0.00	41.03 1.54 0.00	41.74 1.36 0.00	36.82 1.26 0.00	32.02 0.54 0.00
AMERICAN_REF_FUEL 24010	28.87 -1.12 0.00	26.82 -1.00 0.00	23.85 -1.02 0.00	24.63 -1.13 0.00	25.38 -1.04 0.00	27.02 -1.08 0.00	25.18 -1.14 0.00	26.68 -1.61 0.00	28.44 -1.63 0.00	28.10 -1.04 0.00	26.45 -0.66 0.00	26.52 -0.57 0.00	32.94 -0.40 0.00	37.84 -0.65 0.00	42.52 -0.56 0.00	43.18 -0.79 0.00	45.41 -0.35 0.00	53.20 -0.25 0.00	53.76 -0.05 0.00	40.30 -0.53 0.00	38.85 -0.64 0.00	39.82 -0.56 0.00	34.97 -0.60 0.00	30.44 -1.04 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.99 0.00 0.00	27.77 -0.05 0.00	24.66 -0.20 0.00	25.47 -0.28 0.00	26.23 -0.19 0.00	27.87 -0.23 0.00	26.15 -0.17 0.00	27.90 -0.39 0.00	29.67 -0.41 0.00	29.37 0.24 0.00	27.66 0.56 0.00	27.92 0.83 0.00	34.68 1.34 0.00	40.09 1.60 0.00	45.09 2.00 0.00	45.71 1.73 0.00	48.12 2.36 0.00	56.49 3.04 0.00	57.01 3.20 0.00	42.44 1.61 0.00	40.88 1.39 0.00	41.84 1.46 0.00	36.54 0.97 0.00	31.84 0.36 0.00
ARTHUR KILL_GT_1 23520	31.80 1.81 0.00	29.27 1.44 0.00	26.02 1.17 0.00	26.85 1.09 0.00	27.62 1.20 0.00	29.47 1.37 0.00	27.78 1.46 0.00	29.90 1.61 0.00	31.90 1.83 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.23 2.07 -27.06	39.91 2.44 -4.14	41.74 2.68 -0.58	45.81 2.73 0.00	46.99 3.02 0.00	49.39 3.63 0.00	57.54 4.10 0.00	57.60 3.80 0.00	43.49 2.65 0.00	41.79 2.30 0.00	42.43 2.05 0.00	41.07 1.91 -3.60	33.46 1.98 0.00
ARTHUR_KILL_2 23512	31.69 1.70 0.00	29.18 1.35 0.00	25.95 1.09 0.00	26.78 1.01 0.00	27.54 1.11 0.00	29.38 1.28 0.00	27.70 1.37 0.00	29.81 1.52 0.00	31.80 1.73 0.00	31.11 1.98 0.00	35.03 1.92 -6.00	56.13 1.97 -27.06	39.80 2.33 -4.14	41.59 2.53 -0.58	45.63 2.55 0.00	46.81 2.84 0.00	49.19 3.43 0.00	57.32 3.87 0.00	57.36 3.56 0.00	43.29 2.46 0.00	41.61 2.11 0.00	42.25 1.87 0.00	40.92 1.76 -3.60	33.33 1.86 0.00
ARTHUR_KILL_3 23513	31.61 1.62 0.00	29.06 1.24 0.00	25.84 0.98 0.00	26.67 0.91 0.00	27.39 0.97 0.00	29.21 1.11 0.00	27.57 1.25 0.00	29.77 1.48 0.00	31.77 1.70 0.00	31.09 1.95 0.00	35.02 1.91 -6.00	56.15 1.99 -27.07	39.78 2.43 -4.02	41.61 2.64 -0.48	45.75 2.66 0.00	46.85 2.88 0.00	49.34 3.58 0.00	57.50 4.05 0.00	57.45 3.65 0.00	43.20 2.37 0.00	41.43 1.94 0.00	42.23 1.84 0.00	40.07 1.78 -2.73	33.29 1.81 0.00

ARTHUR_KILL_COGEN 323718	31.80 1.81 0.00	29.27 1.44 0.00	26.02 1.17 0.00	26.85 1.09 0.00	27.62 1.20 0.00	29.47 1.37 0.00	27.78 1.46 0.00	29.90 1.61 0.00	31.90 1.83 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.23 2.07 -27.06	39.91 2.44 -4.14	41.74 2.68 -0.58	45.81 2.73 0.00	46.99 3.02 0.00	49.39 3.63 0.00	57.54 4.10 0.00	57.60 3.80 0.00	43.49 2.65 0.00	41.79 2.30 0.00	42.43 2.05 0.00	41.07 1.91 -3.60	33.46 1.98 0.00
ASHOKAN____ 23654	31.39 1.40 0.00	28.97 1.14 0.00	25.82 0.96 0.00	26.73 0.97 0.00	27.40 0.98 0.00	29.21 1.11 0.00	27.47 1.14 0.00	29.52 1.23 0.00	31.33 1.25 0.00	30.39 1.26 0.00	28.03 0.92 0.00	28.05 0.96 0.00	34.40 1.06 0.00	39.74 1.25 0.00	44.54 1.46 0.00	45.68 1.71 0.00	48.13 2.37 0.00	56.44 2.99 0.00	56.85 3.04 0.00	43.19 2.35 0.00	41.58 2.09 0.00	42.30 1.92 0.00	37.10 1.54 0.00	32.88 1.40 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.76 1.77 0.00	29.22 1.39 0.00	25.96 1.10 0.00	26.75 0.99 0.00	27.53 1.11 0.00	29.36 1.26 0.00	27.73 1.40 0.00	29.89 1.60 0.00	31.87 1.80 0.00	31.20 2.07 0.00	35.18 2.07 -6.00	56.24 2.09 -27.06	35.79 2.46 0.00	41.14 2.65 0.00	45.80 2.71 0.00	46.95 2.98 0.00	49.34 3.58 0.00	57.55 4.11 0.00	57.50 3.70 0.00	43.25 2.42 0.00	41.50 2.01 0.00	42.23 1.85 0.00	37.32 1.76 0.00	33.40 1.93 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.76 1.77 0.00	29.22 1.39 0.00	25.96 1.10 0.00	26.75 0.99 0.00	27.53 1.11 0.00	29.36 1.26 0.00	27.73 1.40 0.00	29.89 1.60 0.00	31.87 1.80 0.00	31.20 2.07 0.00	35.18 2.07 -6.00	56.24 2.09 -27.06	35.79 2.46 0.00	41.14 2.65 0.00	45.80 2.71 0.00	46.95 2.98 0.00	49.34 3.58 0.00	57.55 4.11 0.00	57.50 3.70 0.00	43.25 2.42 0.00	41.50 2.01 0.00	42.23 1.85 0.00	37.32 1.76 0.00	33.40 1.93 0.00
ASTORIA_GT2_1 24094	31.77 1.78 0.00	29.24 1.41 0.00	25.97 1.11 0.00	26.76 1.00 0.00	27.55 1.13 0.00	29.38 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.09 0.00	35.20 2.09 -6.00	56.27 2.12 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.98 3.01 0.00	49.37 3.61 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.35 1.78 0.00	33.43 1.95 0.00
ASTORIA_GT2_2 24095	31.77 1.78 0.00	29.24 1.41 0.00	25.97 1.11 0.00	26.76 1.00 0.00	27.55 1.13 0.00	29.38 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.09 0.00	35.20 2.09 -6.00	56.27 2.12 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.98 3.01 0.00	49.37 3.61 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.35 1.78 0.00	33.43 1.95 0.00
ASTORIA_GT2_3 24096	31.77 1.78 0.00	29.24 1.41 0.00	25.97 1.11 0.00	26.76 1.00 0.00	27.55 1.13 0.00	29.38 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.09 0.00	35.20 2.09 -6.00	56.27 2.12 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.98 3.01 0.00	49.37 3.61 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.35 1.78 0.00	33.43 1.95 0.00
ASTORIA_GT2_4 24097	31.77 1.78 0.00	29.24 1.41 0.00	25.97 1.11 0.00	26.76 1.00 0.00	27.55 1.13 0.00	29.38 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.09 0.00	35.20 2.09 -6.00	56.27 2.12 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.98 3.01 0.00	49.37 3.61 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.35 1.78 0.00	33.43 1.95 0.00
ASTORIA_GT3_1 24098	31.77 1.78 0.00	29.24 1.41 0.00	25.97 1.11 0.00	26.76 1.00 0.00	27.55 1.13 0.00	29.38 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.09 0.00	35.20 2.09 -6.00	56.27 2.12 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.98 3.01 0.00	49.37 3.61 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.35 1.78 0.00	33.43 1.95 0.00
ASTORIA_GT3_2 24099	31.77 1.78 0.00	29.24 1.41 0.00	25.97 1.11 0.00	26.76 1.00 0.00	27.55 1.13 0.00	29.38 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.09 0.00	35.20 2.09 -6.00	56.27 2.12 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.98 3.01 0.00	49.37 3.61 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.35 1.78 0.00	33.43 1.95 0.00
ASTORIA_GT3_3 24100	31.77 1.78 0.00	29.24 1.41 0.00	25.97 1.11 0.00	26.76 1.00 0.00	27.55 1.13 0.00	29.38 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.09 0.00	35.20 2.09 -6.00	56.27 2.12 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.98 3.01 0.00	49.37 3.61 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.35 1.78 0.00	33.43 1.95 0.00
ASTORIA_GT3_4 24101	31.77 1.78 0.00	29.24 1.41 0.00	25.97 1.11 0.00	26.76 1.00 0.00	27.55 1.13 0.00	29.38 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.09 0.00	35.20 2.09 -6.00	56.27 2.12 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.98 3.01 0.00	49.37 3.61 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.35 1.78 0.00	33.43 1.95 0.00
ASTORIA_GT4_1 24102	31.77 1.78 0.00	29.24 1.41 0.00	25.97 1.11 0.00	26.76 1.00 0.00	27.55 1.13 0.00	29.38 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.09 0.00	35.20 2.09 -6.00	56.27 2.12 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.98 3.01 0.00	49.37 3.61 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.35 1.78 0.00	33.43 1.95 0.00
ASTORIA_GT4_2 24103	31.77 1.78 0.00	29.24 1.41 0.00	25.97 1.11 0.00	26.76 1.00 0.00	27.55 1.13 0.00	29.38 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.09 0.00	35.20 2.09 -6.00	56.27 2.12 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.98 3.01 0.00	49.37 3.61 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.35 1.78 0.00	33.43 1.95 0.00
ASTORIA_GT4_3 24104	31.77 1.78 0.00	29.24 1.41 0.00	25.97 1.11 0.00	26.76 1.00 0.00	27.55 1.13 0.00	29.38 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.09 0.00	35.20 2.09 -6.00	56.27 2.12 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.98 3.01 0.00	49.37 3.61 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.35 1.78 0.00	33.43 1.95 0.00

ASTORIA_GT4_4 24105	31.77 1.78 0.00	29.24 1.41 0.00	25.97 1.11 0.00	26.76 1.00 0.00	27.55 1.13 0.00	29.38 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.09 0.00	35.20 2.09 -6.00	56.27 2.12 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.98 3.01 0.00	49.37 3.61 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.35 1.78 0.00	33.43 1.95 0.00
ASTORIA_GT_1 23523	31.84 1.85 0.00	29.30 1.47 0.00	26.02 1.16 0.00	26.81 1.06 0.00	27.59 1.17 0.00	29.43 1.33 0.00	27.80 1.48 0.00	29.97 1.68 0.00	31.95 1.88 0.00	31.29 2.15 0.00	35.26 2.15 -6.00	56.33 2.19 -27.06	35.92 2.58 0.00	41.27 2.79 0.00	45.94 2.86 0.00	47.11 3.14 0.00	49.51 3.75 0.00	57.75 4.30 0.00	57.70 3.89 0.00	43.39 2.56 0.00	41.64 2.15 0.00	42.36 1.98 0.00	37.44 1.87 0.00	33.50 2.02 0.00
ASTORIA_GT_10 24110	31.76 1.77 0.00	29.21 1.38 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.51 1.09 0.00	29.35 1.25 0.00	27.72 1.40 0.00	29.89 1.60 0.00	31.90 1.83 0.00	31.24 2.11 0.00	35.19 2.09 -6.00	56.29 2.14 -27.06	35.92 2.59 0.00	41.28 2.79 0.00	45.91 2.82 0.00	46.99 3.01 0.00	49.41 3.65 0.00	57.61 4.16 0.00	57.59 3.78 0.00	43.34 2.50 0.00	41.56 2.08 0.00	42.33 1.95 0.00	37.41 1.85 0.00	33.42 1.95 0.00
ASTORIA_GT_11 24225	31.76 1.77 0.00	29.21 1.38 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.51 1.09 0.00	29.35 1.25 0.00	27.72 1.40 0.00	29.89 1.60 0.00	31.90 1.83 0.00	31.24 2.11 0.00	35.19 2.09 -6.00	56.29 2.14 -27.06	35.92 2.59 0.00	41.28 2.79 0.00	45.91 2.82 0.00	46.99 3.01 0.00	49.41 3.65 0.00	57.61 4.16 0.00	57.59 3.78 0.00	43.34 2.50 0.00	41.56 2.08 0.00	42.33 1.95 0.00	37.41 1.85 0.00	33.42 1.95 0.00
ASTORIA_GT_12 24226	31.76 1.77 0.00	29.21 1.38 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.51 1.09 0.00	29.35 1.25 0.00	27.72 1.40 0.00	29.89 1.60 0.00	31.90 1.83 0.00	31.24 2.11 0.00	35.19 2.09 -6.00	56.29 2.14 -27.06	35.92 2.59 0.00	41.28 2.79 0.00	45.91 2.82 0.00	46.99 3.01 0.00	49.41 3.65 0.00	57.61 4.16 0.00	57.59 3.78 0.00	43.34 2.50 0.00	41.56 2.08 0.00	42.33 1.95 0.00	37.41 1.85 0.00	33.42 1.95 0.00
ASTORIA_GT_13 24227	31.76 1.77 0.00	29.21 1.38 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.51 1.09 0.00	29.35 1.25 0.00	27.72 1.40 0.00	29.89 1.60 0.00	31.90 1.83 0.00	31.24 2.11 0.00	35.19 2.09 -6.00	56.29 2.14 -27.06	35.92 2.59 0.00	41.28 2.79 0.00	45.91 2.82 0.00	46.99 3.01 0.00	49.41 3.65 0.00	57.61 4.16 0.00	57.59 3.78 0.00	43.34 2.50 0.00	41.56 2.08 0.00	42.33 1.95 0.00	37.41 1.85 0.00	33.42 1.95 0.00
ASTORIA_GT_5 24106	31.84 1.85 0.00	29.30 1.47 0.00	26.02 1.16 0.00	26.81 1.06 0.00	27.59 1.17 0.00	29.43 1.33 0.00	27.80 1.48 0.00	29.98 1.69 0.00	31.95 1.88 0.00	31.29 2.15 0.00	35.26 2.16 -6.00	56.34 2.19 -27.06	35.92 2.58 0.00	41.27 2.78 0.00	45.94 2.86 0.00	47.12 3.14 0.00	49.51 3.75 0.00	57.75 4.30 0.00	57.70 3.89 0.00	43.39 2.56 0.00	41.64 2.15 0.00	42.36 1.98 0.00	37.44 1.88 0.00	33.50 2.02 0.00
ASTORIA_GT_7 24107	31.84 1.85 0.00	29.30 1.47 0.00	26.02 1.16 0.00	26.81 1.06 0.00	27.59 1.17 0.00	29.43 1.33 0.00	27.80 1.48 0.00	29.98 1.69 0.00	31.95 1.88 0.00	31.29 2.15 0.00	35.26 2.16 -6.00	56.34 2.19 -27.06	35.92 2.58 0.00	41.27 2.78 0.00	45.94 2.86 0.00	47.12 3.14 0.00	49.51 3.75 0.00	57.75 4.30 0.00	57.70 3.89 0.00	43.39 2.56 0.00	41.64 2.15 0.00	42.36 1.98 0.00	37.44 1.88 0.00	33.50 2.02 0.00
ASTORIA_GT_8 24108	31.84 1.85 0.00	29.30 1.47 0.00	26.02 1.16 0.00	26.81 1.06 0.00	27.59 1.17 0.00	29.43 1.33 0.00	27.80 1.48 0.00	29.98 1.69 0.00	31.95 1.88 0.00	31.29 2.15 0.00	35.26 2.16 -6.00	56.34 2.19 -27.06	35.92 2.58 0.00	41.27 2.78 0.00	45.94 2.86 0.00	47.12 3.14 0.00	49.51 3.75 0.00	57.75 4.30 0.00	57.70 3.89 0.00	43.39 2.56 0.00	41.64 2.15 0.00	42.36 1.98 0.00	37.44 1.88 0.00	33.50 2.02 0.00
ASTORIA___2 24149	31.77 1.78 0.00	29.25 1.42 0.00	25.98 1.11 0.00	26.76 1.00 0.00	27.54 1.12 0.00	29.37 1.28 0.00	27.74 1.42 0.00	29.91 1.62 0.00	31.88 1.81 0.00	31.22 2.08 0.00	35.20 2.09 -6.00	56.26 2.11 -27.06	35.82 2.48 0.00	41.16 2.67 0.00	45.82 2.74 0.00	46.97 3.00 0.00	49.38 3.62 0.00	57.58 4.14 0.00	57.54 3.73 0.00	43.28 2.45 0.00	41.53 2.04 0.00	42.25 1.87 0.00	37.34 1.78 0.00	33.43 1.95 0.00
ASTORIA___3 23516	31.76 1.77 0.00	29.22 1.39 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.51 1.09 0.00	29.35 1.25 0.00	27.72 1.40 0.00	29.89 1.60 0.00	31.90 1.83 0.00	31.24 2.11 0.00	35.19 2.09 -6.00	56.29 2.14 -27.06	35.92 2.59 0.00	41.28 2.79 0.00	45.91 2.82 0.00	46.98 3.01 0.00	49.42 3.66 0.00	57.61 4.16 0.00	57.59 3.78 0.00	43.34 2.51 0.00	41.56 2.07 0.00	42.33 1.95 0.00	37.41 1.85 0.00	33.43 1.95 0.00
ASTORIA___4 23517	31.76 1.77 0.00	29.21 1.38 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.51 1.09 0.00	29.35 1.25 0.00	27.72 1.40 0.00	29.89 1.60 0.00	31.90 1.83 0.00	31.24 2.11 0.00	35.19 2.09 -6.00	56.29 2.14 -27.06	35.92 2.59 0.00	41.28 2.79 0.00	45.91 2.82 0.00	46.99 3.01 0.00	49.41 3.65 0.00	57.61 4.16 0.00	57.59 3.78 0.00	43.34 2.50 0.00	41.56 2.08 0.00	42.33 1.95 0.00	37.41 1.85 0.00	33.42 1.95 0.00
ASTORIA___5 23518	31.76 1.77 0.00	29.22 1.39 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.51 1.09 0.00	29.35 1.25 0.00	27.72 1.40 0.00	29.89 1.60 0.00	31.90 1.83 0.00	31.24 2.11 0.00	35.19 2.09 -6.00	56.29 2.14 -27.06	35.92 2.59 0.00	41.28 2.79 0.00	45.90 2.82 0.00	46.98 3.01 0.00	49.42 3.66 0.00	57.61 4.16 0.00	57.58 3.78 0.00	43.34 2.51 0.00	41.56 2.07 0.00	42.33 1.95 0.00	37.41 1.85 0.00	33.43 1.95 0.00
AST_ENERGY_2_CC3 323677	31.63 1.64 0.00	29.09 1.26 0.00	25.86 1.00 0.00	26.69 0.93 0.00	27.43 1.00 0.00	29.26 1.16 0.00	27.62 1.29 0.00	29.80 1.52 0.00	31.83 1.76 0.00	31.15 2.02 0.00	35.08 1.98 -6.00	56.21 2.05 -27.07	35.82 2.48 0.00	41.21 2.73 0.00	45.87 2.79 0.00	46.96 2.98 0.00	49.44 3.68 0.00	57.63 4.19 0.00	57.58 3.77 0.00	43.32 2.49 0.00	41.52 2.03 0.00	42.30 1.93 0.00	37.38 1.81 0.00	33.33 1.85 0.00
AST_ENERGY_2_CC4 323678	31.63 1.64 0.00	29.09 1.26 0.00	25.86 1.00 0.00	26.69 0.93 0.00	27.43 1.00 0.00	29.26 1.16 0.00	27.62 1.29 0.00	29.80 1.52 0.00	31.83 1.76 0.00	31.15 2.02 0.00	35.08 1.98 -6.00	56.21 2.05 -27.07	35.82 2.48 0.00	41.21 2.73 0.00	45.87 2.79 0.00	46.96 2.98 0.00	49.44 3.68 0.00	57.63 4.19 0.00	57.58 3.77 0.00	43.32 2.49 0.00	41.52 2.03 0.00	42.30 1.93 0.00	37.38 1.81 0.00	33.33 1.85 0.00

ATHENS_STG_1 23668	30.71 0.72 0.00	28.35 0.53 0.00	25.29 0.43 0.00	26.18 0.43 0.00	26.83 0.41 0.00	28.59 0.49 0.00	26.85 0.53 0.00	28.87 0.59 0.00	30.71 0.64 0.00	29.90 0.77 0.00	29.11 0.71 -1.29	33.64 0.74 -5.80	34.17 0.83 0.00	39.42 0.94 0.00	44.06 0.97 0.00	44.97 1.00 0.00	47.10 1.34 0.00	54.98 1.53 0.00	55.16 1.36 0.00	41.75 0.92 0.00	40.17 0.68 0.00	41.01 0.63 0.00	36.15 0.59 0.00	32.20 0.72 0.00
ATHENS_STG_2 23670	30.71 0.72 0.00	28.35 0.53 0.00	25.29 0.43 0.00	26.18 0.43 0.00	26.83 0.41 0.00	28.59 0.49 0.00	26.85 0.53 0.00	28.87 0.59 0.00	30.71 0.64 0.00	29.90 0.77 0.00	29.11 0.71 -1.29	33.64 0.74 -5.80	34.17 0.83 0.00	39.42 0.94 0.00	44.06 0.97 0.00	44.97 1.00 0.00	47.10 1.34 0.00	54.98 1.53 0.00	55.16 1.36 0.00	41.75 0.92 0.00	40.17 0.68 0.00	41.01 0.63 0.00	36.15 0.59 0.00	32.20 0.72 0.00
ATHENS_STG_3 23677	30.71 0.72 0.00	28.35 0.53 0.00	25.29 0.43 0.00	26.18 0.43 0.00	26.83 0.41 0.00	28.59 0.49 0.00	26.85 0.53 0.00	28.87 0.59 0.00	30.71 0.64 0.00	29.90 0.77 0.00	29.11 0.71 -1.29	33.64 0.74 -5.80	34.17 0.83 0.00	39.42 0.94 0.00	44.06 0.97 0.00	44.97 1.00 0.00	47.10 1.34 0.00	54.98 1.53 0.00	55.16 1.36 0.00	41.75 0.92 0.00	40.17 0.68 0.00	41.01 0.63 0.00	36.15 0.59 0.00	32.20 0.72 0.00
AUBURN___LFGE 323710	30.17 0.18 0.00	27.91 0.08 0.00	24.89 0.03 0.00	25.75 -0.01 0.00	26.44 0.01 0.00	28.16 0.06 0.00	26.41 0.08 0.00	28.25 -0.04 0.00	29.90 -0.17 0.00	29.10 -0.03 0.00	27.13 0.03 0.00	27.20 0.10 0.00	33.61 0.27 0.00	38.87 0.38 0.00	43.63 0.54 0.00	44.75 0.77 0.00	46.97 1.21 0.00	55.12 1.67 0.00	55.67 1.86 0.00	41.94 1.10 0.00	40.50 1.01 0.00	41.34 0.96 0.00	36.14 0.58 0.00	31.93 0.46 0.00
BABYLON_RES_REC 323704	32.14 2.15 0.00	29.58 1.75 0.00	26.25 1.39 0.00	26.94 1.18 0.00	27.67 1.25 0.00	29.54 1.44 0.00	27.92 1.60 0.00	30.17 1.88 0.00	32.08 2.02 0.00	31.41 2.28 0.00	35.77 2.30 -6.36	56.55 2.15 -27.31	35.71 2.37 0.00	40.83 2.35 0.00	45.42 2.33 0.00	46.39 2.41 0.00	48.79 3.03 0.00	56.88 3.44 0.00	56.90 3.10 0.00	43.04 2.21 0.00	41.34 1.85 0.00	42.28 1.89 0.00	38.04 2.17 -0.30	37.03 2.35 -3.20
BABYLON__69_KV_BK2 356345	32.43 2.44 0.00	29.83 2.00 0.00	26.46 1.60 0.00	27.19 1.43 0.00	27.90 1.48 0.00	29.81 1.71 0.00	28.18 1.85 0.00	30.42 2.13 0.00	32.35 2.28 0.00	31.68 2.55 0.00	36.03 2.57 -6.36	56.84 2.44 -27.31	36.21 2.87 0.00	41.60 3.11 0.00	46.38 3.29 0.00	47.28 3.30 0.00	49.92 4.16 0.00	58.23 4.78 0.00	58.22 4.42 0.00	44.10 3.27 0.00	42.23 2.74 0.00	43.07 2.68 0.00	38.50 2.63 -0.30	37.41 2.73 -3.20
BALL_HILL_WT_PWR 323825	29.63 -0.36 0.00	27.45 -0.37 0.00	24.39 -0.47 0.00	25.20 -0.57 0.00	25.95 -0.47 0.00	27.57 -0.53 0.00	25.81 -0.52 0.00	27.50 -0.79 0.00	29.29 -0.78 0.00	28.96 -0.17 0.00	27.25 0.14 0.00	27.46 0.37 0.00	34.09 0.75 0.00	39.37 0.88 0.00	44.24 1.16 0.00	44.90 0.93 0.00	47.26 1.50 0.00	55.42 1.98 0.00	55.95 2.14 0.00	41.71 0.87 0.00	40.17 0.69 0.00	41.14 0.76 0.00	36.00 0.43 0.00	31.38 -0.09 0.00
BARON_WINDS___WT_PWR 323822	29.41 -0.58 0.00	27.20 -0.63 0.00	24.21 -0.65 0.00	25.02 -0.75 0.00	25.74 -0.69 0.00	27.35 -0.75 0.00	25.70 -0.63 0.00	27.40 -0.89 0.00	29.17 -0.90 0.00	28.75 -0.38 0.00	26.97 -0.13 0.00	27.21 0.12 0.00	33.69 0.35 0.00	38.93 0.45 0.00	43.74 0.65 0.00	44.39 0.42 0.00	46.74 0.98 0.00	54.83 1.39 0.00	55.30 1.50 0.00	41.24 0.40 0.00	39.79 0.30 0.00	40.71 0.33 0.00	35.66 0.09 0.00	31.20 -0.28 0.00
BARRETT_IC_1 23704	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BARRETT_IC_10 23701	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BARRETT_IC_11 23702	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BARRETT_IC_12 23703	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BARRETT_IC_2 23705	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BARRETT_IC_3 23706	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BARRETT_IC_4 23707	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20

BARRETT_IC_5 23708	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BARRETT_IC_6 23709	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BARRETT_IC_7 23710	31.84 1.85 0.00	29.31 1.48 0.00	26.03 1.17 0.00	26.80 1.05 0.00	27.52 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.66 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.60 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.51 2.42 0.00	46.45 2.48 0.00	48.93 3.17 0.00	57.01 3.57 0.00	57.09 3.29 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BARRETT_IC_8 23711	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BARRETT_IC_9 23700	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BARRETT___1 23545	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BARRETT___2 23546	31.84 1.85 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.80 1.05 0.00	27.53 1.10 0.00	29.35 1.25 0.00	27.74 1.42 0.00	29.94 1.65 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.59 2.13 -6.36	56.44 2.04 -27.31	35.70 2.36 0.00	40.99 2.50 0.00	45.50 2.42 0.00	46.46 2.48 0.00	48.93 3.17 0.00	57.02 3.57 0.00	57.10 3.30 0.00	43.19 2.35 0.00	41.42 1.93 0.00	42.32 1.94 0.00	37.84 1.97 -0.30	36.82 2.14 -3.20
BATAVIA__115KV_TB1 55881	30.26 0.27 0.00	28.01 0.18 0.00	24.89 0.03 0.00	25.69 -0.07 0.00	26.48 0.05 0.00	28.19 0.09 0.00	26.35 0.03 0.00	28.07 -0.22 0.00	29.87 -0.20 0.00	29.37 0.24 0.00	27.55 0.44 0.00	27.64 0.55 0.00	34.33 1.00 0.00	39.60 1.11 0.00	44.57 1.49 0.00	45.40 1.42 0.00	47.76 2.00 0.00	56.17 2.72 0.00	57.03 3.23 0.00	42.91 2.08 0.00	41.32 1.83 0.00	42.18 1.80 0.00	36.85 1.29 0.00	32.04 0.57 0.00
BAYONEEC___CTG1 323682	31.70 1.71 0.00	29.15 1.32 0.00	25.91 1.05 0.00	26.73 0.97 0.00	27.47 1.04 0.00	29.30 1.20 0.00	27.65 1.33 0.00	29.85 1.56 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.25 2.09 -27.07	35.87 2.53 0.00	41.26 2.77 0.00	45.90 2.81 0.00	46.99 3.02 0.00	49.48 3.72 0.00	57.67 4.23 0.00	57.64 3.84 0.00	43.36 2.53 0.00	41.57 2.08 0.00	42.36 1.98 0.00	37.44 1.87 0.00	33.37 1.90 0.00
BAYONEEC___CTG10 323750	31.70 1.71 0.00	29.15 1.32 0.00	25.91 1.05 0.00	26.73 0.97 0.00	27.47 1.04 0.00	29.30 1.20 0.00	27.65 1.33 0.00	29.85 1.56 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.25 2.09 -27.07	35.87 2.53 0.00	41.26 2.77 0.00	45.90 2.81 0.00	46.99 3.02 0.00	49.48 3.72 0.00	57.67 4.23 0.00	57.64 3.84 0.00	43.36 2.53 0.00	41.57 2.08 0.00	42.36 1.98 0.00	37.44 1.87 0.00	33.37 1.90 0.00
BAYONEEC___CTG2 323683	31.70 1.71 0.00	29.15 1.32 0.00	25.91 1.05 0.00	26.73 0.97 0.00	27.47 1.04 0.00	29.30 1.20 0.00	27.65 1.33 0.00	29.85 1.56 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.25 2.09 -27.07	35.87 2.53 0.00	41.26 2.77 0.00	45.90 2.81 0.00	46.99 3.02 0.00	49.48 3.72 0.00	57.67 4.23 0.00	57.64 3.84 0.00	43.36 2.53 0.00	41.57 2.08 0.00	42.36 1.98 0.00	37.44 1.87 0.00	33.37 1.90 0.00
BAYONEEC___CTG3 323684	31.70 1.71 0.00	29.15 1.32 0.00	25.91 1.05 0.00	26.73 0.97 0.00	27.47 1.04 0.00	29.30 1.20 0.00	27.65 1.33 0.00	29.85 1.56 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.25 2.09 -27.07	35.87 2.53 0.00	41.26 2.77 0.00	45.90 2.81 0.00	46.99 3.02 0.00	49.48 3.72 0.00	57.67 4.23 0.00	57.64 3.84 0.00	43.36 2.53 0.00	41.57 2.08 0.00	42.36 1.98 0.00	37.44 1.87 0.00	33.37 1.90 0.00
BAYONEEC___CTG4 323685	31.70 1.71 0.00	29.15 1.32 0.00	25.91 1.05 0.00	26.73 0.97 0.00	27.47 1.04 0.00	29.30 1.20 0.00	27.65 1.33 0.00	29.85 1.56 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.25 2.09 -27.07	35.87 2.53 0.00	41.26 2.77 0.00	45.90 2.81 0.00	46.99 3.02 0.00	49.48 3.72 0.00	57.67 4.23 0.00	57.64 3.84 0.00	43.36 2.53 0.00	41.57 2.08 0.00	42.36 1.98 0.00	37.44 1.87 0.00	33.37 1.90 0.00
BAYONEEC___CTG5 323686	31.70 1.71 0.00	29.15 1.32 0.00	25.91 1.05 0.00	26.73 0.97 0.00	27.47 1.04 0.00	29.30 1.20 0.00	27.65 1.33 0.00	29.85 1.56 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.25 2.09 -27.07	35.87 2.53 0.00	41.26 2.77 0.00	45.90 2.81 0.00	46.99 3.02 0.00	49.48 3.72 0.00	57.67 4.23 0.00	57.64 3.84 0.00	43.36 2.53 0.00	41.57 2.08 0.00	42.36 1.98 0.00	37.44 1.87 0.00	33.37 1.90 0.00
BAYONEEC___CTG6 323687	31.70 1.71 0.00	29.15 1.32 0.00	25.91 1.05 0.00	26.73 0.97 0.00	27.47 1.04 0.00	29.30 1.20 0.00	27.65 1.33 0.00	29.85 1.56 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.25 2.09 -27.07	35.87 2.53 0.00	41.26 2.77 0.00	45.90 2.81 0.00	46.99 3.02 0.00	49.48 3.72 0.00	57.67 4.23 0.00	57.64 3.84 0.00	43.36 2.53 0.00	41.57 2.08 0.00	42.36 1.98 0.00	37.44 1.87 0.00	33.37 1.90 0.00

BAYONEEC___CTG7 323688	31.70 1.71 0.00	29.15 1.32 0.00	25.91 1.05 0.00	26.73 0.97 0.00	27.47 1.04 0.00	29.30 1.20 0.00	27.65 1.33 0.00	29.85 1.56 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.25 2.09 -27.07	35.87 2.53 0.00	41.26 2.77 0.00	45.90 2.81 0.00	46.99 3.02 0.00	49.48 3.72 0.00	57.67 4.23 0.00	57.64 3.84 0.00	43.36 2.53 0.00	41.57 2.08 0.00	42.36 1.98 0.00	37.44 1.87 0.00	33.37 1.90 0.00
BAYONEEC___CTG8 323689	31.70 1.71 0.00	29.15 1.32 0.00	25.91 1.05 0.00	26.73 0.97 0.00	27.47 1.04 0.00	29.30 1.20 0.00	27.65 1.33 0.00	29.85 1.56 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.25 2.09 -27.07	35.87 2.53 0.00	41.26 2.77 0.00	45.90 2.81 0.00	46.99 3.02 0.00	49.48 3.72 0.00	57.67 4.23 0.00	57.64 3.84 0.00	43.36 2.53 0.00	41.57 2.08 0.00	42.36 1.98 0.00	37.44 1.87 0.00	33.37 1.90 0.00
BAYONEEC___CTG9 323749	31.70 1.71 0.00	29.15 1.32 0.00	25.91 1.05 0.00	26.73 0.97 0.00	27.47 1.04 0.00	29.30 1.20 0.00	27.65 1.33 0.00	29.85 1.56 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.25 2.09 -27.07	35.87 2.53 0.00	41.26 2.77 0.00	45.90 2.81 0.00	46.99 3.02 0.00	49.48 3.72 0.00	57.67 4.23 0.00	57.64 3.84 0.00	43.36 2.53 0.00	41.57 2.08 0.00	42.36 1.98 0.00	37.44 1.87 0.00	33.37 1.90 0.00
BEACON___LESR 323632	30.73 0.74 0.00	28.39 0.56 0.00	25.30 0.44 0.00	26.21 0.45 0.00	26.90 0.47 0.00	28.60 0.49 0.00	26.91 0.59 0.00	28.84 0.56 0.00	30.65 0.58 0.00	29.77 0.64 0.00	28.60 0.49 -0.99	32.14 0.57 -4.47	33.90 0.56 0.00	39.27 0.78 0.00	44.01 0.93 0.00	44.80 0.83 0.00	46.85 1.09 0.00	55.01 1.56 0.00	55.37 1.56 0.00	41.87 1.04 0.00	40.22 0.73 0.00	41.13 0.75 0.00	36.10 0.54 0.00	32.23 0.76 0.00
BEAVER RIVER___HYD 24048	28.95 -1.04 0.00	26.95 -0.87 0.00	24.25 -0.61 0.00	25.45 -0.31 0.00	26.11 -0.31 0.00	27.50 -0.60 0.00	25.81 -0.51 0.00	27.96 -0.33 0.00	29.70 -0.37 0.00	28.73 -0.40 0.00	26.64 -0.47 0.00	26.53 -0.56 0.00	32.51 -0.83 0.00	37.45 -1.04 0.00	41.78 -1.31 0.00	42.76 -1.21 0.00	44.73 -1.03 0.00	52.64 -0.80 0.00	53.51 -0.30 0.00	40.69 -0.14 0.00	39.34 -0.15 0.00	40.20 -0.18 0.00	35.32 -0.24 0.00	30.99 -0.49 0.00
BEEBEE_GT_13 23619	29.86 -0.12 0.00	27.65 -0.18 0.00	24.60 -0.26 0.00	25.43 -0.33 0.00	26.16 -0.26 0.00	27.83 -0.27 0.00	26.02 -0.31 0.00	27.77 -0.52 0.00	29.57 -0.50 0.00	29.01 -0.13 0.00	27.21 0.10 0.00	27.32 0.23 0.00	33.88 0.54 0.00	39.13 0.64 0.00	43.99 0.90 0.00	44.84 0.87 0.00	47.11 1.34 0.00	55.20 1.76 0.00	55.73 1.93 0.00	41.91 1.08 0.00	40.31 0.82 0.00	41.13 0.74 0.00	36.02 0.46 0.00	31.53 0.05 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.10 2.12 0.00	29.52 1.70 0.00	26.23 1.37 0.00	27.04 1.28 0.00	27.81 1.38 0.00	29.68 1.58 0.00	28.01 1.69 0.00	30.20 1.91 0.00	32.25 2.18 0.00	31.60 2.47 0.00	35.53 2.42 -6.00	56.65 2.49 -27.06	41.65 3.01 -5.30	42.40 3.29 -0.63	46.49 3.41 0.00	47.62 3.65 0.00	50.09 4.33 0.00	58.39 4.95 0.00	58.38 4.57 0.00	43.96 3.13 0.00	42.17 2.68 0.00	42.91 2.52 0.00	41.52 2.36 -3.60	33.84 2.36 0.00
BETHLEHEM___GRP 23843	30.24 0.24 0.00	27.97 0.15 0.00	24.98 0.12 0.00	25.89 0.12 0.00	26.52 0.10 0.00	28.22 0.12 0.00	26.50 0.18 0.00	28.42 0.13 0.00	30.18 0.11 0.00	29.32 0.18 0.00	28.18 0.09 -0.98	31.63 0.11 -4.43	33.36 0.03 0.00	38.55 0.06 0.00	43.16 0.08 0.00	44.02 0.04 0.00	46.04 0.28 0.00	53.80 0.36 0.00	54.06 0.26 0.00	41.05 0.21 0.00	39.53 0.04 0.00	40.36 -0.02 0.00	35.54 -0.02 0.00	31.68 0.20 0.00
BETHLEHEM___GS1 323560	30.24 0.24 0.00	27.98 0.15 0.00	24.98 0.12 0.00	25.89 0.13 0.00	26.52 0.10 0.00	28.22 0.12 0.00	26.50 0.18 0.00	28.42 0.13 0.00	30.18 0.11 0.00	29.32 0.18 0.00	28.18 0.09 -0.98	31.63 0.11 -4.43	33.36 0.03 0.00	38.55 0.06 0.00	43.16 0.08 0.00	44.02 0.04 0.00	46.05 0.29 0.00	53.81 0.36 0.00	54.06 0.26 0.00	41.05 0.21 0.00	39.53 0.04 0.00	40.36 -0.02 0.00	35.54 -0.02 0.00	31.68 0.20 0.00
BETHLEHEM___GS2 323561	30.24 0.24 0.00	27.98 0.15 0.00	24.98 0.12 0.00	25.89 0.13 0.00	26.52 0.10 0.00	28.22 0.12 0.00	26.50 0.18 0.00	28.42 0.13 0.00	30.18 0.11 0.00	29.32 0.18 0.00	28.18 0.09 -0.98	31.63 0.11 -4.43	33.36 0.03 0.00	38.55 0.06 0.00	43.16 0.08 0.00	44.02 0.04 0.00	46.05 0.29 0.00	53.81 0.36 0.00	54.06 0.26 0.00	41.05 0.21 0.00	39.53 0.04 0.00	40.36 -0.02 0.00	35.54 -0.02 0.00	31.68 0.20 0.00
BETHLEHEM___GS3 323562	30.24 0.24 0.00	27.98 0.15 0.00	24.98 0.12 0.00	25.89 0.13 0.00	26.52 0.10 0.00	28.22 0.12 0.00	26.50 0.18 0.00	28.42 0.13 0.00	30.18 0.11 0.00	29.32 0.18 0.00	28.18 0.09 -0.98	31.63 0.11 -4.43	33.36 0.03 0.00	38.55 0.06 0.00	43.16 0.08 0.00	44.02 0.04 0.00	46.05 0.29 0.00	53.81 0.36 0.00	54.06 0.26 0.00	41.05 0.21 0.00	39.53 0.04 0.00	40.36 -0.02 0.00	35.54 -0.02 0.00	31.68 0.20 0.00
BETHLEHEM___STEEL 23779	29.63 -0.36 0.00	27.47 -0.35 0.00	24.40 -0.46 0.00	25.20 -0.56 0.00	25.96 -0.46 0.00	27.58 -0.52 0.00	25.78 -0.55 0.00	27.42 -0.86 0.00	29.25 -0.82 0.00	28.91 -0.22 0.00	27.23 0.12 0.00	27.37 0.28 0.00	34.00 0.66 0.00	39.21 0.72 0.00	44.10 1.02 0.00	44.79 0.82 0.00	47.14 1.38 0.00	55.25 1.80 0.00	55.79 1.98 0.00	41.71 0.87 0.00	40.13 0.64 0.00	41.09 0.70 0.00	35.98 0.42 0.00	31.34 -0.14 0.00
BETHLHEM_115KV_TB1 79974	30.31 0.32 0.00	28.04 0.21 0.00	25.04 0.18 0.00	25.95 0.19 0.00	26.59 0.17 0.00	28.29 0.19 0.00	26.56 0.23 0.00	28.49 0.20 0.00	30.25 0.18 0.00	29.40 0.27 0.00	28.26 0.17 -0.98	31.69 0.19 -4.41	33.47 0.13 0.00	38.67 0.18 0.00	43.28 0.19 0.00	44.15 0.17 0.00	46.17 0.41 0.00	53.97 0.53 0.00	54.22 0.42 0.00	41.16 0.32 0.00	39.64 0.15 0.00	40.47 0.08 0.00	35.65 0.09 0.00	31.76 0.28 0.00
BETHPAGE_CC_5 323564	31.97 1.98 0.00	29.42 1.59 0.00	26.10 1.24 0.00	26.85 1.09 0.00	27.57 1.15 0.00	29.44 1.34 0.00	27.82 1.50 0.00	30.07 1.78 0.00	32.00 1.93 0.00	31.33 2.20 0.00	35.67 2.21 -6.36	56.49 2.09 -27.31	35.75 2.41 0.00	41.12 2.63 0.00	45.73 2.65 0.00	46.62 2.64 0.00	49.17 3.41 0.00	57.34 3.90 0.00	57.33 3.52 0.00	43.32 2.49 0.00	41.50 2.01 0.00	42.41 2.03 0.00	37.90 2.03 -0.30	36.89 2.21 -3.20
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.71 -0.28 0.00	27.54 -0.28 0.00	24.47 -0.39 0.00	25.26 -0.50 0.00	26.02 -0.40 0.00	27.65 -0.45 0.00	25.85 -0.48 0.00	27.51 -0.78 0.00	29.34 -0.73 0.00	29.01 -0.13 0.00	27.32 0.21 0.00	27.49 0.39 0.00	34.13 0.79 0.00	39.38 0.90 0.00	44.30 1.22 0.00	45.00 1.03 0.00	47.36 1.60 0.00	55.52 2.07 0.00	56.05 2.25 0.00	41.90 1.07 0.00	40.30 0.81 0.00	41.24 0.86 0.00	36.10 0.54 0.00	31.44 -0.03 0.00

BINGHAMTON___COGEN 23790	30.20 0.21 0.00	27.91 0.09 0.00	24.91 0.05 0.00	25.78 0.02 0.00	26.46 0.04 0.00	28.17 0.07 0.00	26.43 0.11 0.00	28.34 0.06 0.00	30.15 0.08 0.00	29.41 0.28 0.00	27.43 0.32 0.00	27.51 0.42 0.00	33.92 0.58 0.00	39.20 0.72 0.00	43.92 0.84 0.00	44.77 0.80 0.00	46.93 1.17 0.00	54.95 1.50 0.00	55.33 1.52 0.00	41.71 0.88 0.00	40.21 0.72 0.00	41.08 0.70 0.00	36.07 0.50 0.00	31.85 0.38 0.00
BIXINCNT_115KV_LOAD 355685	29.92 -0.07 0.00	27.71 -0.12 0.00	24.63 -0.23 0.00	25.44 -0.32 0.00	26.22 -0.20 0.00	27.86 -0.24 0.00	26.07 -0.25 0.00	27.81 -0.47 0.00	29.69 -0.38 0.00	29.35 0.22 0.00	27.57 0.46 0.00	27.77 0.68 0.00	34.42 1.08 0.00	39.76 1.27 0.00	44.72 1.64 0.00	45.40 1.43 0.00	47.80 2.04 0.00	56.04 2.59 0.00	56.52 2.72 0.00	42.16 1.32 0.00	40.51 1.02 0.00	41.45 1.07 0.00	36.31 0.74 0.00	31.66 0.18 0.00
BLACK RIVER___HYD 24047	28.98 -1.01 0.00	26.94 -0.88 0.00	24.26 -0.60 0.00	25.51 -0.25 0.00	26.15 -0.27 0.00	27.53 -0.57 0.00	25.86 -0.47 0.00	27.98 -0.31 0.00	29.74 -0.33 0.00	28.84 -0.29 0.00	26.72 -0.39 0.00	26.59 -0.50 0.00	32.56 -0.77 0.00	37.50 -0.99 0.00	41.77 -1.31 0.00	42.78 -1.19 0.00	44.89 -0.86 0.00	52.99 -0.46 0.00	53.86 0.06 0.00	41.00 0.16 0.00	39.69 0.20 0.00	40.52 0.14 0.00	35.48 -0.08 0.00	31.06 -0.42 0.00
BLACKRVR_115KV_TB2 79977	28.98 -1.01 0.00	26.95 -0.88 0.00	24.26 -0.60 0.00	25.51 -0.25 0.00	26.15 -0.27 0.00	27.53 -0.57 0.00	25.86 -0.47 0.00	27.98 -0.31 0.00	29.74 -0.33 0.00	28.84 -0.29 0.00	26.72 -0.39 0.00	26.59 -0.50 0.00	32.56 -0.77 0.00	37.49 -0.99 0.00	41.77 -1.31 0.00	42.78 -1.19 0.00	44.89 -0.87 0.00	52.99 -0.46 0.00	53.86 0.06 0.00	40.99 0.16 0.00	39.69 0.20 0.00	40.53 0.14 0.00	35.48 -0.08 0.00	31.06 -0.42 0.00
BLISS_WT_PWR 323608	29.92 -0.07 0.00	27.71 -0.12 0.00	24.62 -0.24 0.00	25.44 -0.32 0.00	26.21 -0.21 0.00	27.86 -0.24 0.00	26.07 -0.26 0.00	27.83 -0.46 0.00	29.70 -0.37 0.00	29.36 0.23 0.00	27.58 0.48 0.00	27.79 0.70 0.00	34.44 1.10 0.00	39.78 1.29 0.00	44.73 1.65 0.00	45.41 1.44 0.00	47.82 2.06 0.00	56.05 2.61 0.00	56.53 2.73 0.00	42.14 1.31 0.00	40.50 1.02 0.00	41.42 1.03 0.00	36.30 0.73 0.00	31.65 0.17 0.00
BLUESTONE___WT_PWR 323821	31.33 1.34 0.00	28.64 0.81 0.00	25.61 0.75 0.00	26.23 0.47 0.00	27.16 0.74 0.00	29.16 1.06 0.00	27.15 0.82 0.00	29.02 0.74 0.00	31.03 0.96 0.00	30.33 1.19 0.00	28.28 1.17 0.00	28.20 1.11 0.00	34.77 1.44 0.00	40.01 1.52 0.00	44.74 1.66 0.00	45.85 1.87 0.00	48.35 2.59 0.00	56.74 3.29 0.00	57.46 3.66 0.00	43.42 2.59 0.00	42.14 2.65 0.00	42.93 2.55 0.00	37.63 2.07 0.00	33.28 1.81 0.00
BLUE_CIRC_CHEM_DRP 24182	30.65 0.66 0.00	28.38 0.55 0.00	25.36 0.50 0.00	26.29 0.53 0.00	26.94 0.52 0.00	28.67 0.56 0.00	26.89 0.57 0.00	28.79 0.51 0.00	30.51 0.44 0.00	29.56 0.43 0.00	28.27 0.27 -0.88	31.35 0.27 -3.99	33.55 0.21 0.00	38.75 0.27 0.00	43.41 0.32 0.00	44.29 0.31 0.00	46.35 0.59 0.00	54.37 0.93 0.00	54.76 0.95 0.00	41.62 0.78 0.00	40.15 0.66 0.00	41.00 0.62 0.00	36.10 0.54 0.00	32.14 0.67 0.00
BOC_GAS_DRP 24189	30.48 0.49 0.00	28.19 0.36 0.00	25.17 0.31 0.00	26.08 0.32 0.00	26.73 0.31 0.00	28.45 0.35 0.00	26.70 0.37 0.00	28.65 0.36 0.00	30.44 0.37 0.00	29.59 0.46 0.00	28.42 0.37 -0.95	31.77 0.39 -4.28	33.73 0.39 0.00	38.94 0.45 0.00	43.56 0.48 0.00	44.43 0.46 0.00	46.46 0.70 0.00	54.29 0.84 0.00	54.53 0.73 0.00	41.38 0.54 0.00	39.85 0.36 0.00	40.71 0.33 0.00	35.87 0.31 0.00	31.94 0.46 0.00
BOONVILLE_115KV_TB1 79983	30.12 0.13 0.00	27.93 0.10 0.00	25.00 0.14 0.00	26.07 0.30 0.00	26.73 0.31 0.00	28.33 0.23 0.00	26.60 0.28 0.00	28.66 0.37 0.00	30.43 0.36 0.00	29.52 0.39 0.00	27.43 0.32 0.00	27.40 0.31 0.00	33.64 0.30 0.00	38.85 0.36 0.00	43.49 0.40 0.00	44.44 0.47 0.00	46.52 0.75 0.00	54.57 1.13 0.00	55.21 1.41 0.00	41.85 1.02 0.00	40.40 0.91 0.00	41.26 0.88 0.00	36.23 0.66 0.00	31.91 0.44 0.00
BORALEX_4TH_BRANCH 23824	31.65 1.66 0.00	29.31 1.48 0.00	26.13 1.27 0.00	27.12 1.36 0.00	27.81 1.38 0.00	29.60 1.50 0.00	27.74 1.42 0.00	29.57 1.28 0.00	31.25 1.18 0.00	30.27 1.14 0.00	29.09 0.83 -1.15	33.08 0.79 -5.19	34.01 0.67 0.00	39.32 0.84 0.00	44.07 0.98 0.00	44.60 0.62 0.00	46.53 0.77 0.00	54.33 0.88 0.00	54.72 0.91 0.00	41.86 1.02 0.00	40.33 0.84 0.00	41.32 0.94 0.00	36.45 0.89 0.00	32.77 1.30 0.00
BOWLINE___1 23526	31.35 1.36 0.00	28.85 1.02 0.00	25.64 0.78 0.00	26.47 0.71 0.00	27.19 0.77 0.00	29.01 0.91 0.00	27.35 1.02 0.00	29.51 1.22 0.00	31.45 1.38 0.00	30.73 1.60 0.00	19.18 1.55 9.47	-14.03 1.60 42.72	35.20 1.87 0.00	40.48 1.99 0.00	45.13 2.05 0.00	46.20 2.22 0.00	48.61 2.85 0.00	56.73 3.29 0.00	56.76 2.96 0.00	42.71 1.88 0.00	40.92 1.43 0.00	41.70 1.32 0.00	36.78 1.22 0.00	32.80 1.33 0.00
BOWLINE___2 23595	31.35 1.36 0.00	28.85 1.02 0.00	25.64 0.78 0.00	26.47 0.71 0.00	27.19 0.77 0.00	29.01 0.91 0.00	27.35 1.02 0.00	29.51 1.22 0.00	31.45 1.38 0.00	30.74 1.60 0.00	19.18 1.56 9.48	-14.07 1.61 42.76	35.24 1.90 0.00	40.55 2.06 0.00	45.21 2.13 0.00	46.28 2.31 0.00	48.69 2.93 0.00	56.84 3.40 0.00	56.87 3.06 0.00	42.79 1.95 0.00	40.99 1.50 0.00	41.77 1.39 0.00	36.84 1.28 0.00	32.86 1.38 0.00
BRADY___115KV_TB2 356060	29.75 -0.24 0.00	27.80 -0.03 0.00	24.89 0.03 0.00	25.85 0.09 0.00	26.54 0.11 0.00	28.14 0.05 0.00	26.31 -0.01 0.00	28.44 0.15 0.00	30.22 0.14 0.00	28.98 -0.15 0.00	26.94 -0.17 0.00	26.78 -0.31 0.00	32.96 -0.37 0.00	37.96 -0.53 0.00	42.51 -0.57 0.00	43.43 -0.55 0.00	44.68 -1.09 0.00	51.91 -1.53 0.00	52.82 -0.99 0.00	40.86 0.02 0.00	39.87 0.38 0.00	40.82 0.44 0.00	36.01 0.45 0.00	31.55 0.07 0.00
BRANSCOMB___SOLAR 323811	31.81 1.82 0.00	29.37 1.54 0.00	26.16 1.30 0.00	27.16 1.40 0.00	27.85 1.43 0.00	29.67 1.57 0.00	27.91 1.59 0.00	29.88 1.59 0.00	31.61 1.54 0.00	30.67 1.54 0.00	29.31 1.23 -0.97	32.76 1.29 -4.38	34.76 1.42 0.00	40.23 1.74 0.00	45.14 2.06 0.00	46.04 2.07 0.00	48.26 2.50 0.00	56.44 2.99 0.00	56.92 3.11 0.00	43.30 2.47 0.00	41.81 2.32 0.00	42.66 2.27 0.00	37.56 1.99 0.00	33.44 1.96 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.21 2.23 0.00	29.65 1.82 0.00	26.32 1.45 0.00	27.06 1.30 0.00	27.77 1.35 0.00	29.67 1.57 0.00	28.04 1.71 0.00	30.23 1.94 0.00	32.10 2.04 0.00	31.43 2.30 0.00	35.78 2.31 -6.36	56.52 2.12 -27.31	35.83 2.50 0.00	41.14 2.65 0.00	45.75 2.67 0.00	46.50 2.52 0.00	49.07 3.31 0.00	57.19 3.75 0.00	57.25 3.45 0.00	43.52 2.68 0.00	41.69 2.20 0.00	42.52 2.14 0.00	38.06 2.19 -0.30	37.10 2.43 -3.20

BRISTLHL_115KV_TB1 79998	29.65 -0.34 0.00	27.43 -0.40 0.00	24.48 -0.38 0.00	25.35 -0.41 0.00	26.02 -0.40 0.00	27.70 -0.40 0.00	25.93 -0.39 0.00	27.76 -0.53 0.00	29.47 -0.60 0.00	28.63 -0.50 0.00	26.68 -0.43 0.00	26.74 -0.35 0.00	32.98 -0.35 0.00	38.15 -0.34 0.00	42.71 -0.37 0.00	43.59 -0.39 0.00	45.62 -0.14 0.00	53.50 0.06 0.00	53.95 0.14 0.00	40.83 0.00 0.00	39.36 -0.13 0.00	40.20 -0.18 0.00	35.33 -0.24 0.00	31.19 -0.28 0.00
BROOKHAVEN___DRP 24191	31.82 1.83 0.00	29.28 1.45 0.00	26.00 1.14 0.00	26.71 0.95 0.00	27.40 0.98 0.00	29.25 1.15 0.00	27.69 1.37 0.00	29.91 1.63 0.00	31.75 1.68 0.00	31.11 1.98 0.00	35.50 2.04 -6.36	56.18 1.78 -27.31	35.44 2.10 0.00	40.73 2.24 0.00	45.31 2.23 0.00	46.24 2.27 0.00	48.96 3.20 0.00	57.05 3.60 0.00	57.04 3.24 0.00	43.11 2.27 0.00	41.41 1.92 0.00	42.19 1.81 0.00	37.72 1.86 -0.30	36.78 2.11 -3.20
BROOKLYN_NAVY_YARD 23515	31.67 1.68 0.00	29.11 1.29 0.00	25.87 1.00 0.00	26.69 0.93 0.00	27.45 1.03 0.00	29.33 1.23 0.00	27.68 1.35 0.00	29.87 1.58 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.11 2.00 -6.00	56.24 2.08 -27.07	35.86 2.52 0.00	41.26 2.77 0.00	45.97 2.88 0.00	47.08 3.10 0.00	49.57 3.81 0.00	57.78 4.34 0.00	57.75 3.95 0.00	43.40 2.57 0.00	41.63 2.14 0.00	42.41 2.03 0.00	37.45 1.89 0.00	33.37 1.89 0.00
BROOKLYN___ARMY_DRP 323595	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.22 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.25 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.88 4.43 0.00	57.89 4.08 0.00	43.59 2.76 0.00	41.82 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
BROOKVLE_69_KV_TB1 55790	32.19 2.21 0.00	29.61 1.78 0.00	26.28 1.42 0.00	27.04 1.28 0.00	27.77 1.35 0.00	29.65 1.55 0.00	28.02 1.70 0.00	30.28 1.99 0.00	32.29 2.22 0.00	31.64 2.50 0.00	35.95 2.49 -6.36	56.84 2.45 -27.31	36.26 2.92 0.00	41.79 3.30 0.00	46.38 3.29 0.00	47.37 3.40 0.00	49.95 4.19 0.00	58.25 4.80 0.00	58.20 4.39 0.00	44.04 3.21 0.00	42.19 2.70 0.00	42.99 2.61 0.00	38.33 2.46 -0.30	37.18 2.50 -3.20
BROOME_2_LFGE 323671	30.20 0.21 0.00	27.91 0.09 0.00	24.91 0.05 0.00	25.78 0.02 0.00	26.46 0.04 0.00	28.17 0.07 0.00	26.43 0.11 0.00	28.34 0.06 0.00	30.15 0.08 0.00	29.41 0.28 0.00	27.42 0.32 0.00	27.51 0.42 0.00	33.92 0.58 0.00	39.20 0.71 0.00	43.92 0.84 0.00	44.77 0.80 0.00	46.93 1.17 0.00	54.95 1.51 0.00	55.32 1.52 0.00	41.71 0.88 0.00	40.21 0.72 0.00	41.08 0.70 0.00	36.07 0.50 0.00	31.86 0.38 0.00
BROOME___LFGE 323600	30.20 0.21 0.00	27.91 0.09 0.00	24.91 0.05 0.00	25.78 0.02 0.00	26.46 0.04 0.00	28.17 0.07 0.00	26.43 0.11 0.00	28.34 0.06 0.00	30.15 0.08 0.00	29.41 0.28 0.00	27.42 0.32 0.00	27.51 0.42 0.00	33.92 0.58 0.00	39.20 0.71 0.00	43.92 0.84 0.00	44.77 0.80 0.00	46.93 1.17 0.00	54.95 1.51 0.00	55.32 1.52 0.00	41.71 0.88 0.00	40.21 0.72 0.00	41.08 0.70 0.00	36.07 0.50 0.00	31.86 0.38 0.00
BROWNFLS_115KV_TB_3_5 80003	28.64 -1.35 0.00	26.73 -1.10 0.00	24.00 -0.86 0.00	25.08 -0.68 0.00	25.74 -0.69 0.00	27.19 -0.91 0.00	25.47 -0.85 0.00	27.66 -0.63 0.00	29.36 -0.72 0.00	28.32 -0.81 0.00	26.27 -0.84 0.00	26.14 -0.95 0.00	32.09 -1.24 0.00	36.97 -1.52 0.00	41.31 -1.78 0.00	42.26 -1.71 0.00	43.88 -1.88 0.00	51.45 -2.00 0.00	52.44 -1.36 0.00	40.09 -0.74 0.00	38.76 -0.73 0.00	39.63 -0.75 0.00	34.93 -0.63 0.00	30.65 -0.82 0.00
BROWNSV1_27_KV_LOAD 356125	32.07 2.08 0.00	29.48 1.65 0.00	26.20 1.34 0.00	27.02 1.26 0.00	27.76 1.34 0.00	29.62 1.52 0.00	27.97 1.64 0.00	30.19 1.90 0.00	32.25 2.18 0.00	31.58 2.44 0.00	35.50 2.39 -6.00	56.64 2.48 -27.07	36.35 3.01 0.00	41.83 3.34 0.00	46.59 3.50 0.00	47.70 3.72 0.00	50.21 4.45 0.00	58.54 5.10 0.00	58.50 4.69 0.00	44.00 3.17 0.00	42.17 2.68 0.00	42.99 2.60 0.00	37.97 2.41 0.00	33.81 2.34 0.00
BURROWS___LYONSDAL 23803	29.84 -0.15 0.00	27.70 -0.13 0.00	24.83 -0.03 0.00	25.95 0.19 0.00	26.62 0.19 0.00	28.15 0.05 0.00	26.43 0.10 0.00	28.52 0.24 0.00	30.28 0.21 0.00	29.36 0.23 0.00	27.27 0.16 0.00	27.22 0.13 0.00	33.40 0.07 0.00	38.54 0.06 0.00	43.10 0.02 0.00	44.06 0.09 0.00	46.14 0.38 0.00	54.17 0.72 0.00	54.85 1.05 0.00	41.58 0.75 0.00	40.15 0.66 0.00	41.02 0.63 0.00	36.03 0.46 0.00	31.70 0.22 0.00
CAITHNESS_CC_1 323624	31.80 1.81 0.00	29.27 1.44 0.00	25.99 1.13 0.00	26.70 0.94 0.00	27.40 0.98 0.00	29.24 1.14 0.00	27.68 1.36 0.00	29.90 1.61 0.00	31.73 1.66 0.00	31.09 1.95 0.00	35.47 2.01 -6.36	56.16 1.76 -27.31	35.40 2.07 0.00	40.68 2.20 0.00	45.24 2.15 0.00	46.16 2.19 0.00	48.85 3.09 0.00	56.91 3.47 0.00	56.92 3.12 0.00	43.04 2.20 0.00	41.32 1.83 0.00	42.11 1.73 0.00	37.66 1.79 -0.30	36.73 2.06 -3.20
CALPINE BETH_PAGE_GT4 24209	31.96 1.97 0.00	29.40 1.57 0.00	26.09 1.23 0.00	26.84 1.07 0.00	27.56 1.14 0.00	29.43 1.33 0.00	27.81 1.49 0.00	30.05 1.77 0.00	31.98 1.91 0.00	31.32 2.19 0.00	35.67 2.20 -6.36	56.50 2.10 -27.31	35.78 2.44 0.00	41.16 2.67 0.00	45.77 2.69 0.00	46.61 2.63 0.00	49.15 3.39 0.00	57.31 3.86 0.00	57.30 3.49 0.00	43.32 2.49 0.00	41.49 2.01 0.00	42.45 2.07 0.00	37.90 2.04 -0.30	36.88 2.21 -3.20
CALPINE_BETH_PAGE_GT_4 323586	31.96 1.97 0.00	29.40 1.57 0.00	26.09 1.23 0.00	26.84 1.08 0.00	27.56 1.14 0.00	29.42 1.32 0.00	27.81 1.48 0.00	30.05 1.76 0.00	31.98 1.91 0.00	31.32 2.19 0.00	35.67 2.20 -6.36	56.50 2.10 -27.31	35.78 2.44 0.00	41.16 2.67 0.00	45.77 2.69 0.00	46.61 2.63 0.00	49.15 3.39 0.00	57.31 3.87 0.00	57.30 3.49 0.00	43.32 2.49 0.00	41.49 2.00 0.00	42.45 2.07 0.00	37.90 2.04 -0.30	36.88 2.21 -3.20
CALPINE_BP_GT1 23823	31.96 1.97 0.00	29.40 1.57 0.00	26.09 1.23 0.00	26.84 1.08 0.00	27.56 1.14 0.00	29.42 1.32 0.00	27.81 1.48 0.00	30.05 1.76 0.00	31.98 1.91 0.00	31.32 2.19 0.00	35.67 2.20 -6.36	56.50 2.10 -27.31	35.78 2.44 0.00	41.16 2.67 0.00	45.77 2.69 0.00	46.61 2.63 0.00	49.15 3.39 0.00	57.31 3.87 0.00	57.30 3.49 0.00	43.32 2.49 0.00	41.49 2.00 0.00	42.45 2.07 0.00	37.90 2.04 -0.30	36.88 2.21 -3.20
CALSPAN___DRP 24200	29.63 -0.36 0.00	27.47 -0.35 0.00	24.40 -0.46 0.00	25.20 -0.56 0.00	25.96 -0.46 0.00	27.58 -0.52 0.00	25.78 -0.55 0.00	27.42 -0.86 0.00	29.25 -0.82 0.00	28.91 -0.22 0.00	27.23 0.12 0.00	27.37 0.28 0.00	34.00 0.66 0.00	39.21 0.72 0.00	44.10 1.02 0.00	44.79 0.82 0.00	47.14 1.38 0.00	55.25 1.80 0.00	55.79 1.98 0.00	41.71 0.87 0.00	40.13 0.64 0.00	41.09 0.70 0.00	35.98 0.42 0.00	31.34 -0.14 0.00

CALVERTON___SOLAR 323806	31.90 1.91 0.00	29.34 1.51 0.00	26.05 1.19 0.00	26.75 0.99 0.00	27.46 1.03 0.00	29.30 1.20 0.00	27.75 1.43 0.00	29.97 1.68 0.00	31.83 1.76 0.00	31.20 2.06 0.00	35.58 2.12 -6.36	56.27 1.87 -27.31	35.53 2.19 0.00	40.87 2.39 0.00	45.46 2.37 0.00	46.41 2.44 0.00	49.16 3.40 0.00	57.27 3.82 0.00	57.25 3.45 0.00	43.22 2.39 0.00	41.59 2.10 0.00	42.37 1.99 0.00	37.87 2.00 -0.30	36.88 2.21 -3.20
CANDIGU_WT_PWR 323617	29.41 -0.58 0.00	27.20 -0.63 0.00	24.21 -0.65 0.00	25.02 -0.75 0.00	25.74 -0.69 0.00	27.35 -0.75 0.00	25.70 -0.63 0.00	27.40 -0.89 0.00	29.17 -0.90 0.00	28.75 -0.38 0.00	26.97 -0.13 0.00	27.21 0.12 0.00	33.69 0.35 0.00	38.93 0.45 0.00	43.74 0.65 0.00	44.39 0.42 0.00	46.74 0.98 0.00	54.83 1.39 0.00	55.30 1.50 0.00	41.24 0.40 0.00	39.79 0.30 0.00	40.71 0.33 0.00	35.66 0.09 0.00	31.20 -0.28 0.00
CARR STREET_E_SYR 24060	29.85 -0.14 0.00	27.62 -0.21 0.00	24.64 -0.22 0.00	25.51 -0.25 0.00	26.18 -0.24 0.00	27.87 -0.24 0.00	26.10 -0.22 0.00	27.96 -0.33 0.00	29.70 -0.37 0.00	28.91 -0.22 0.00	26.96 -0.15 0.00	27.03 -0.06 0.00	33.36 0.03 0.00	38.58 0.10 0.00	43.17 0.08 0.00	44.04 0.07 0.00	46.09 0.33 0.00	53.94 0.50 0.00	54.33 0.52 0.00	41.08 0.25 0.00	39.60 0.12 0.00	40.50 0.12 0.00	35.56 0.00 0.00	31.40 -0.07 0.00
CARTHAGE___PAPER 23857	29.16 -0.83 0.00	27.14 -0.69 0.00	24.42 -0.44 0.00	25.66 -0.10 0.00	26.31 -0.11 0.00	27.73 -0.37 0.00	26.02 -0.31 0.00	28.18 -0.11 0.00	29.94 -0.13 0.00	28.96 -0.17 0.00	26.80 -0.30 0.00	26.67 -0.43 0.00	32.66 -0.68 0.00	37.61 -0.88 0.00	41.95 -1.14 0.00	42.96 -1.01 0.00	45.00 -0.76 0.00	53.06 -0.38 0.00	53.97 0.17 0.00	41.11 0.27 0.00	39.80 0.31 0.00	40.65 0.27 0.00	35.67 0.10 0.00	31.23 -0.24 0.00
CASSADAGA_WT_PWR 323784	30.20 0.21 0.00	27.95 0.12 0.00	24.82 -0.04 0.00	25.64 -0.12 0.00	26.41 -0.01 0.00	28.07 -0.03 0.00	26.36 0.04 0.00	28.15 -0.13 0.00	29.96 -0.11 0.00	29.68 0.55 0.00	27.94 0.83 0.00	28.21 1.11 0.00	35.02 1.68 0.00	40.49 2.01 0.00	45.53 2.45 0.00	46.16 2.19 0.00	48.62 2.86 0.00	57.07 3.62 0.00	57.58 3.78 0.00	42.85 2.02 0.00	41.24 1.75 0.00	42.19 1.81 0.00	36.83 1.27 0.00	32.10 0.63 0.00
CE_DUNWOOD___DRP 24194	31.54 1.55 0.00	29.02 1.19 0.00	25.79 0.93 0.00	26.63 0.87 0.00	27.34 0.92 0.00	29.18 1.08 0.00	27.52 1.20 0.00	29.69 1.40 0.00	31.66 1.59 0.00	30.96 1.82 0.00	35.28 1.77 -6.40	57.78 1.82 -28.88	35.50 2.16 0.00	40.87 2.38 0.00	45.56 2.48 0.00	46.64 2.67 0.00	49.06 3.30 0.00	57.24 3.79 0.00	57.26 3.45 0.00	43.11 2.28 0.00	41.31 1.83 0.00	42.10 1.72 0.00	37.16 1.60 0.00	33.14 1.66 0.00
CE_MILLWOOD___DRP 24193	31.48 1.49 0.00	28.96 1.13 0.00	25.74 0.88 0.00	26.58 0.82 0.00	27.30 0.87 0.00	29.12 1.02 0.00	27.47 1.14 0.00	29.63 1.34 0.00	31.58 1.51 0.00	30.87 1.74 0.00	35.50 1.69 -6.70	59.06 1.73 -30.23	35.40 2.06 0.00	40.75 2.27 0.00	45.44 2.36 0.00	46.52 2.54 0.00	48.92 3.16 0.00	57.09 3.64 0.00	57.11 3.30 0.00	43.00 2.17 0.00	41.22 1.73 0.00	42.00 1.62 0.00	37.06 1.50 0.00	33.05 1.57 0.00
CE_NYC2_DRP 24202	31.78 1.79 0.00	29.24 1.41 0.00	25.98 1.11 0.00	26.79 1.03 0.00	27.53 1.11 0.00	29.38 1.28 0.00	27.74 1.41 0.00	29.92 1.63 0.00	31.93 1.85 0.00	31.27 2.13 0.00	35.22 2.11 -6.00	56.32 2.17 -27.06	35.96 2.62 0.00	41.31 2.83 0.00	45.96 2.87 0.00	47.03 3.06 0.00	49.48 3.71 0.00	57.68 4.23 0.00	57.64 3.84 0.00	43.39 2.55 0.00	41.60 2.11 0.00	42.37 1.99 0.00	37.44 1.88 0.00	33.44 1.97 0.00
CE_NYC_DRP 24195	31.72 1.73 0.00	29.17 1.34 0.00	25.93 1.07 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.36 0.00	29.88 1.59 0.00	31.92 1.85 0.00	31.25 2.11 0.00	35.18 2.07 -6.00	56.29 2.13 -27.07	35.92 2.59 0.00	41.33 2.84 0.00	46.00 2.92 0.00	47.09 3.11 0.00	49.59 3.83 0.00	57.79 4.35 0.00	57.75 3.95 0.00	43.45 2.62 0.00	41.65 2.16 0.00	42.42 2.04 0.00	37.48 1.92 0.00	33.41 1.94 0.00
CHAFFEE___LFGE 323603	29.77 -0.22 0.00	27.59 -0.24 0.00	24.49 -0.37 0.00	25.29 -0.47 0.00	26.05 -0.37 0.00	27.68 -0.42 0.00	25.88 -0.44 0.00	27.57 -0.71 0.00	29.43 -0.64 0.00	29.09 -0.04 0.00	27.38 0.27 0.00	27.54 0.45 0.00	34.20 0.86 0.00	39.47 0.99 0.00	44.37 1.28 0.00	45.04 1.07 0.00	47.41 1.65 0.00	55.57 2.13 0.00	56.15 2.34 0.00	41.95 1.11 0.00	40.35 0.87 0.00	41.31 0.93 0.00	36.17 0.61 0.00	31.53 0.05 0.00
CHATEAUG_35_KV_LOAD 355732	29.11 -0.88 0.00	27.26 -0.57 0.00	24.33 -0.53 0.00	25.22 -0.54 0.00	25.86 -0.57 0.00	19.15 -0.74 8.22	13.96 -0.76 11.61	27.93 -0.36 0.00	30.13 0.05 0.00	29.08 -0.05 0.00	27.10 -0.01 0.00	26.84 -0.25 0.00	33.23 -0.10 0.00	38.45 -0.04 0.00	43.32 0.23 0.00	44.43 0.46 0.00	45.86 0.10 0.00	53.48 0.04 0.00	54.38 0.57 0.00	41.60 0.76 0.00	40.39 0.91 0.00	41.22 0.83 0.00	36.29 0.73 0.00	31.53 0.06 0.00
CHATEAUG_WT_PWR 323614	29.05 -0.94 0.00	27.21 -0.62 0.00	24.27 -0.59 0.00	25.17 -0.59 0.00	25.80 -0.62 0.00	19.07 -0.81 8.22	13.88 -0.83 11.61	27.86 -0.43 0.00	30.09 0.02 0.00	29.07 -0.06 0.00	27.09 -0.01 0.00	26.83 -0.26 0.00	33.23 -0.10 0.00	38.45 -0.04 0.00	43.32 0.23 0.00	44.44 0.46 0.00	45.91 0.14 0.00	53.47 0.03 0.00	54.30 0.49 0.00	41.48 0.65 0.00	40.27 0.78 0.00	41.08 0.70 0.00	36.18 0.62 0.00	31.48 0.01 0.00
CHAT_HIGH_FALL_HYD 323578	29.11 -0.88 0.00	27.26 -0.57 0.00	24.33 -0.53 0.00	25.22 -0.54 0.00	25.86 -0.57 0.00	19.15 -0.74 8.22	13.96 -0.76 11.61	27.93 -0.36 0.00	30.13 0.05 0.00	29.08 -0.05 0.00	27.10 -0.01 0.00	26.84 -0.25 0.00	33.23 -0.10 0.00	38.45 -0.04 0.00	43.32 0.23 0.00	44.43 0.46 0.00	45.86 0.10 0.00	53.48 0.04 0.00	54.38 0.57 0.00	41.60 0.76 0.00	40.39 0.91 0.00	41.22 0.83 0.00	36.29 0.73 0.00	31.53 0.06 0.00
CHAUTAUQUA___LFGE 323629	29.86 -0.13 0.00	27.65 -0.18 0.00	24.56 -0.30 0.00	25.37 -0.39 0.00	26.13 -0.29 0.00	27.75 -0.35 0.00	26.03 -0.30 0.00	27.76 -0.52 0.00	29.54 -0.53 0.00	29.22 0.08 0.00	27.50 0.39 0.00	27.76 0.66 0.00	34.47 1.13 0.00	39.84 1.35 0.00	44.79 1.71 0.00	45.41 1.43 0.00	47.81 2.04 0.00	56.11 2.67 0.00	56.62 2.82 0.00	42.16 1.33 0.00	40.63 1.14 0.00	41.60 1.22 0.00	36.35 0.79 0.00	31.69 0.22 0.00
CHERRYST_13_KV_LD 356241	31.83 1.83 0.00	29.26 1.43 0.00	26.01 1.15 0.00	26.84 1.08 0.00	27.58 1.15 0.00	29.42 1.32 0.00	27.78 1.45 0.00	30.00 1.71 0.00	32.04 1.97 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.44 2.28 -27.07	36.10 2.77 0.00	41.54 3.05 0.00	46.24 3.16 0.00	47.34 3.36 0.00	49.83 4.07 0.00	58.07 4.63 0.00	58.00 4.19 0.00	43.63 2.80 0.00	41.81 2.32 0.00	42.59 2.21 0.00	37.62 2.06 0.00	33.53 2.05 0.00

CHESTROR_138KV_BK263 355645	31.18 1.19 0.00	28.71 0.88 0.00	25.54 0.68 0.00	26.39 0.63 0.00	27.10 0.67 0.00	28.89 0.79 0.00	27.22 0.90 0.00	29.34 1.05 0.00	31.25 1.18 0.00	30.50 1.37 0.00	22.59 1.32 5.83	2.15 1.36 26.30	34.96 1.62 0.00	40.29 1.80 0.00	45.00 1.92 0.00	46.04 2.07 0.00	48.36 2.60 0.00	56.50 3.06 0.00	56.60 2.79 0.00	42.67 1.83 0.00	40.91 1.42 0.00	41.70 1.32 0.00	36.75 1.19 0.00	32.72 1.24 0.00
CH_MIDHUDSON___DRP 24192	31.44 1.45 0.00	28.95 1.13 0.00	25.74 0.88 0.00	26.60 0.84 0.00	27.30 0.87 0.00	29.11 1.01 0.00	27.43 1.11 0.00	29.57 1.28 0.00	31.49 1.42 0.00	30.75 1.62 0.00	29.68 1.54 -1.03	33.32 1.59 -4.64	35.22 1.89 0.00	40.64 2.15 0.00	45.42 2.33 0.00	46.44 2.47 0.00	48.81 3.05 0.00	57.00 3.55 0.00	57.08 3.28 0.00	43.03 2.20 0.00	41.28 1.79 0.00	42.04 1.66 0.00	37.05 1.49 0.00	33.01 1.53 0.00
CH_MISC_IPPS 23765	31.61 1.62 0.00	29.10 1.27 0.00	25.87 1.00 0.00	26.73 0.97 0.00	27.43 1.01 0.00	29.26 1.15 0.00	27.57 1.25 0.00	29.74 1.45 0.00	31.69 1.62 0.00	30.95 1.82 0.00	28.84 1.73 0.00	28.89 1.80 0.00	35.51 2.17 0.00	40.98 2.50 0.00	45.83 2.75 0.00	46.88 2.91 0.00	49.29 3.53 0.00	57.59 4.14 0.00	57.67 3.86 0.00	43.43 2.60 0.00	41.64 2.15 0.00	42.39 2.01 0.00	37.33 1.76 0.00	33.22 1.75 0.00
CH_RES_BVR_FALLS 23983	29.32 -0.67 0.00	27.38 -0.45 0.00	24.56 -0.30 0.00	25.55 -0.21 0.00	26.26 -0.16 0.00	27.82 -0.28 0.00	25.94 -0.38 0.00	28.04 -0.25 0.00	29.92 -0.15 0.00	28.90 -0.24 0.00	26.88 -0.23 0.00	26.80 -0.30 0.00	32.95 -0.38 0.00	37.94 -0.54 0.00	42.44 -0.64 0.00	43.31 -0.66 0.00	44.84 -0.92 0.00	52.27 -1.18 0.00	52.76 -1.05 0.00	40.16 -0.68 0.00	38.92 -0.57 0.00	39.87 -0.52 0.00	35.19 -0.37 0.00	30.99 -0.49 0.00
CH_RES_NIAGARA 23895	28.90 -1.09 0.00	26.83 -1.00 0.00	23.86 -1.00 0.00	24.64 -1.12 0.00	25.42 -1.00 0.00	26.97 -1.13 0.00	25.13 -1.19 0.00	26.68 -1.61 0.00	28.44 -1.63 0.00	28.11 -1.02 0.00	26.48 -0.63 0.00	26.53 -0.56 0.00	32.97 -0.37 0.00	37.84 -0.64 0.00	42.30 -0.78 0.00	42.96 -1.02 0.00	45.14 -0.62 0.00	52.87 -0.58 0.00	53.40 -0.41 0.00	40.05 -0.79 0.00	38.59 -0.90 0.00	39.56 -0.82 0.00	34.73 -0.83 0.00	30.27 -1.21 0.00
CH_RES_SYRACUSE 23985	30.10 0.11 0.00	27.86 0.03 0.00	24.83 -0.03 0.00	25.73 -0.03 0.00	26.40 -0.03 0.00	28.11 0.01 0.00	26.33 0.00 0.00	28.19 -0.10 0.00	29.93 -0.15 0.00	29.11 -0.02 0.00	27.15 0.04 0.00	27.22 0.13 0.00	33.61 0.27 0.00	38.86 0.37 0.00	43.58 0.49 0.00	44.51 0.54 0.00	46.60 0.84 0.00	54.58 1.13 0.00	55.00 1.20 0.00	41.55 0.71 0.00	40.07 0.58 0.00	40.89 0.51 0.00	35.88 0.31 0.00	31.68 0.21 0.00
CLINTON_WT_PWR 323605	29.05 -0.94 0.00	27.21 -0.62 0.00	24.27 -0.59 0.00	25.17 -0.59 0.00	25.80 -0.62 0.00	19.07 -0.81 8.22	13.88 -0.83 11.61	27.86 -0.43 0.00	30.09 0.02 0.00	29.07 -0.06 0.00	27.09 -0.01 0.00	26.83 -0.26 0.00	33.23 -0.10 0.00	38.45 -0.04 0.00	43.32 0.23 0.00	44.44 0.46 0.00	45.91 0.14 0.00	53.47 0.03 0.00	54.30 0.49 0.00	41.48 0.65 0.00	40.27 0.78 0.00	41.08 0.70 0.00	36.18 0.62 0.00	31.48 0.01 0.00
CLINTON___LFGE 323618	29.10 -0.89 0.00	27.25 -0.58 0.00	24.29 -0.57 0.00	25.17 -0.59 0.00	25.82 -0.60 0.00	19.11 -0.77 8.22	13.93 -0.78 11.61	28.05 -0.24 0.00	30.66 0.59 0.00	29.75 0.62 0.00	27.66 0.55 0.00	27.46 0.37 0.00	34.18 0.85 0.00	39.72 1.23 0.00	44.84 1.76 0.00	46.02 2.04 0.00	47.67 1.91 0.00	55.50 2.06 0.00	56.39 2.58 0.00	43.13 2.30 0.00	41.71 2.22 0.00	42.36 1.98 0.00	37.40 1.84 0.00	32.53 1.06 0.00
COBBLENY_34_KV_TB1 80064	29.77 -0.22 0.00	27.58 -0.24 0.00	24.50 -0.37 0.00	25.29 -0.47 0.00	26.06 -0.36 0.00	27.68 -0.42 0.00	25.88 -0.45 0.00	27.57 -0.72 0.00	29.42 -0.65 0.00	29.09 -0.04 0.00	27.38 0.27 0.00	27.54 0.45 0.00	34.20 0.86 0.00	39.47 0.98 0.00	44.38 1.29 0.00	45.04 1.07 0.00	47.41 1.65 0.00	55.58 2.13 0.00	56.14 2.34 0.00	41.96 1.13 0.00	40.36 0.87 0.00	41.31 0.93 0.00	36.17 0.61 0.00	31.52 0.05 0.00
COFFEEN___115KV_TB3 355620	29.17 -0.82 0.00	27.09 -0.74 0.00	24.37 -0.49 0.00	25.62 -0.14 0.00	26.26 -0.16 0.00	27.67 -0.42 0.00	26.00 -0.33 0.00	28.12 -0.17 0.00	29.88 -0.19 0.00	28.97 -0.16 0.00	26.84 -0.27 0.00	26.69 -0.40 0.00	32.68 -0.66 0.00	37.65 -0.84 0.00	41.95 -1.13 0.00	42.94 -1.04 0.00	45.09 -0.67 0.00	53.30 -0.14 0.00	54.25 0.44 0.00	41.37 0.54 0.00	40.11 0.62 0.00	40.92 0.54 0.00	35.78 0.22 0.00	31.28 -0.19 0.00
COLDSPRG_115KV_BK1 355956	30.29 0.30 0.00	28.02 0.19 0.00	24.90 0.04 0.00	25.72 -0.04 0.00	26.52 0.10 0.00	28.19 0.09 0.00	26.48 0.16 0.00	28.33 0.04 0.00	30.21 0.13 0.00	29.93 0.80 0.00	28.12 1.01 0.00	28.38 1.29 0.00	35.17 1.83 0.00	40.68 2.19 0.00	45.73 2.64 0.00	46.37 2.40 0.00	48.86 3.10 0.00	57.33 3.89 0.00	57.83 4.02 0.00	42.99 2.16 0.00	41.36 1.87 0.00	42.33 1.95 0.00	36.96 1.40 0.00	32.25 0.77 0.00
COLONIE_LFGE___ 323577	31.17 1.18 0.00	28.84 1.01 0.00	25.71 0.85 0.00	26.68 0.92 0.00	27.34 0.92 0.00	29.10 1.00 0.00	27.33 1.00 0.00	29.24 0.95 0.00	30.99 0.92 0.00	30.08 0.95 0.00	28.86 0.74 -1.02	32.44 0.76 -4.59	34.10 0.76 0.00	39.41 0.93 0.00	44.16 1.07 0.00	44.97 1.00 0.00	47.03 1.27 0.00	54.93 1.49 0.00	55.28 1.47 0.00	42.07 1.23 0.00	40.54 1.06 0.00	41.42 1.04 0.00	36.50 0.93 0.00	32.58 1.11 0.00
COOPERNY_115KV_TB1 80082	30.86 0.87 0.00	28.46 0.63 0.00	25.35 0.49 0.00	26.22 0.45 0.00	26.90 0.48 0.00	28.67 0.56 0.00	26.96 0.63 0.00	29.03 0.74 0.00	30.92 0.85 0.00	30.14 1.00 0.00	25.77 0.98 2.32	17.66 1.03 10.45	34.56 1.22 0.00	39.86 1.37 0.00	44.54 1.45 0.00	45.52 1.55 0.00	47.74 1.98 0.00	55.79 2.34 0.00	55.92 2.12 0.00	42.20 1.37 0.00	40.54 1.05 0.00	41.35 0.97 0.00	36.43 0.87 0.00	32.37 0.89 0.00
COPENHAGEN_WT_PWR 323753	28.80 -1.18 0.00	26.80 -1.03 0.00	24.17 -0.69 0.00	25.48 -0.28 0.00	26.10 -0.33 0.00	27.40 -0.70 0.00	25.73 -0.59 0.00	27.88 -0.40 0.00	29.63 -0.44 0.00	28.78 -0.35 0.00	26.67 -0.43 0.00	26.55 -0.54 0.00	32.51 -0.83 0.00	37.41 -1.08 0.00	41.62 -1.47 0.00	42.65 -1.33 0.00	44.76 -1.00 0.00	52.81 -0.64 0.00	53.62 -0.19 0.00	40.72 -0.11 0.00	39.37 -0.12 0.00	40.21 -0.17 0.00	35.23 -0.33 0.00	30.85 -0.63 0.00
CORNELL_____ 23752	30.62 0.63 0.00	28.28 0.45 0.00	25.23 0.37 0.00	26.11 0.35 0.00	26.80 0.37 0.00	28.59 0.49 0.00	26.84 0.52 0.00	28.77 0.49 0.00	30.66 0.59 0.00	29.73 0.60 0.00	27.68 0.57 0.00	27.66 0.57 0.00	34.09 0.76 0.00	39.39 0.91 0.00	44.19 1.10 0.00	45.12 1.15 0.00	47.33 1.57 0.00	55.55 2.10 0.00	56.19 2.38 0.00	42.53 1.70 0.00	41.05 1.56 0.00	41.87 1.49 0.00	36.69 1.13 0.00	32.34 0.86 0.00

CORONA__69_KV_TB1 355595	32.12 2.13 0.00	29.55 1.72 0.00	26.22 1.36 0.00	27.00 1.24 0.00	27.72 1.30 0.00	29.58 1.48 0.00	27.95 1.62 0.00	30.18 1.89 0.00	32.12 2.06 0.00	31.46 2.33 0.00	35.80 2.34 -6.36	56.70 2.30 -27.31	36.08 2.74 0.00	41.52 3.03 0.00	46.18 3.10 0.00	47.23 3.26 0.00	49.78 4.02 0.00	58.05 4.60 0.00	58.07 4.26 0.00	43.84 3.01 0.00	42.02 2.53 0.00	42.85 2.47 0.00	38.21 2.34 -0.30	37.09 2.42 -3.20
CORTLAND__115KV_TB3 80093	30.47 0.48 0.00	28.17 0.34 0.00	25.13 0.27 0.00	26.03 0.27 0.00	26.70 0.28 0.00	28.45 0.35 0.00	26.70 0.38 0.00	28.64 0.35 0.00	30.44 0.37 0.00	29.54 0.41 0.00	27.51 0.40 0.00	27.53 0.43 0.00	33.91 0.57 0.00	39.19 0.70 0.00	43.93 0.85 0.00	44.85 0.87 0.00	47.00 1.24 0.00	55.09 1.65 0.00	55.62 1.81 0.00	42.13 1.30 0.00	40.66 1.18 0.00	41.50 1.12 0.00	36.41 0.85 0.00	32.13 0.66 0.00
COXSACKIE__GT 23611	31.79 1.80 0.00	29.40 1.57 0.00	26.24 1.38 0.00	27.21 1.45 0.00	27.87 1.45 0.00	29.70 1.60 0.00	27.89 1.57 0.00	29.86 1.57 0.00	31.61 1.54 0.00	30.42 1.29 0.00	27.94 0.83 0.00	27.87 0.78 0.00	34.18 0.84 0.00	39.69 1.21 0.00	44.70 1.61 0.00	45.74 1.77 0.00	48.23 2.46 0.00	56.98 3.53 0.00	57.96 4.15 0.00	44.19 3.36 0.00	42.63 3.14 0.00	43.41 3.03 0.00	38.00 2.44 0.00	33.64 2.16 0.00
CPV_VALLEY__CC1 323721	30.96 0.97 0.00	28.53 0.70 0.00	25.38 0.52 0.00	26.24 0.48 0.00	26.93 0.51 0.00	28.71 0.61 0.00	27.03 0.71 0.00	29.14 0.85 0.00	31.03 0.96 0.00	30.28 1.15 0.00	24.61 1.11 3.61	11.97 1.16 16.28	34.70 1.37 0.00	40.00 1.51 0.00	44.66 1.57 0.00	45.67 1.70 0.00	47.96 2.20 0.00	56.02 2.57 0.00	56.12 2.31 0.00	42.31 1.47 0.00	40.57 1.08 0.00	41.36 0.98 0.00	36.45 0.89 0.00	32.47 0.99 0.00
CPV_VALLEY__CC2 323722	30.96 0.97 0.00	28.53 0.70 0.00	25.38 0.52 0.00	26.24 0.48 0.00	26.93 0.51 0.00	28.71 0.61 0.00	27.03 0.71 0.00	29.14 0.85 0.00	31.03 0.96 0.00	30.28 1.15 0.00	24.61 1.11 3.61	11.97 1.16 16.28	34.70 1.37 0.00	40.00 1.51 0.00	44.66 1.57 0.00	45.67 1.70 0.00	47.96 2.20 0.00	56.02 2.57 0.00	56.12 2.31 0.00	42.31 1.47 0.00	40.57 1.08 0.00	41.36 0.98 0.00	36.45 0.89 0.00	32.47 0.99 0.00
CRESCENT__HYD 24018	31.17 1.18 0.00	28.84 1.01 0.00	25.71 0.85 0.00	26.68 0.92 0.00	27.34 0.92 0.00	29.10 1.00 0.00	27.33 1.00 0.00	29.24 0.95 0.00	30.99 0.92 0.00	30.08 0.95 0.00	28.86 0.74 -1.02	32.44 0.76 -4.59	34.10 0.76 0.00	39.41 0.93 0.00	44.16 1.07 0.00	44.97 1.00 0.00	47.03 1.27 0.00	54.93 1.49 0.00	55.28 1.47 0.00	42.07 1.23 0.00	40.54 1.06 0.00	41.42 1.04 0.00	36.50 0.93 0.00	32.58 1.11 0.00
CRICKET__VALLEY_CC1 323756	31.15 1.16 0.00	28.72 0.89 0.00	25.50 0.64 0.00	26.37 0.61 0.00	27.07 0.64 0.00	28.85 0.75 0.00	27.20 0.87 0.00	29.29 1.00 0.00	31.13 1.06 0.00	30.36 1.23 0.00	30.70 1.13 -2.47	39.36 1.14 -11.13	34.60 1.27 0.00	39.92 1.43 0.00	44.65 1.56 0.00	45.63 1.66 0.00	47.87 2.11 0.00	55.88 2.43 0.00	55.99 2.19 0.00	42.29 1.46 0.00	40.58 1.09 0.00	41.37 0.99 0.00	36.50 0.94 0.00	32.59 1.12 0.00
CRICKET__VALLEY_CC2 323757	31.15 1.16 0.00	28.72 0.89 0.00	25.50 0.64 0.00	26.37 0.61 0.00	27.07 0.64 0.00	28.85 0.75 0.00	27.20 0.87 0.00	29.29 1.00 0.00	31.13 1.06 0.00	30.36 1.23 0.00	30.70 1.13 -2.47	39.36 1.14 -11.13	34.60 1.27 0.00	39.92 1.43 0.00	44.65 1.56 0.00	45.63 1.66 0.00	47.87 2.11 0.00	55.88 2.43 0.00	55.99 2.19 0.00	42.29 1.46 0.00	40.58 1.09 0.00	41.37 0.99 0.00	36.50 0.94 0.00	32.59 1.12 0.00
CRICKET__VALLEY_CC3 323758	31.15 1.16 0.00	28.72 0.89 0.00	25.50 0.64 0.00	26.37 0.61 0.00	27.07 0.64 0.00	28.85 0.75 0.00	27.20 0.87 0.00	29.29 1.00 0.00	31.13 1.06 0.00	30.36 1.23 0.00	30.70 1.13 -2.47	39.36 1.14 -11.13	34.60 1.27 0.00	39.92 1.43 0.00	44.65 1.56 0.00	45.63 1.66 0.00	47.87 2.11 0.00	55.88 2.43 0.00	55.99 2.19 0.00	42.29 1.46 0.00	40.58 1.09 0.00	41.37 0.99 0.00	36.50 0.94 0.00	32.59 1.12 0.00
CRUCIBLE_METL_DRP 24180	30.10 0.11 0.00	27.86 0.03 0.00	24.83 -0.03 0.00	25.73 -0.03 0.00	26.40 -0.03 0.00	28.11 0.01 0.00	26.33 0.00 0.00	28.19 -0.10 0.00	29.92 -0.15 0.00	29.11 -0.02 0.00	27.15 0.04 0.00	27.22 0.13 0.00	33.61 0.27 0.00	38.86 0.37 0.00	43.58 0.49 0.00	44.51 0.54 0.00	46.60 0.84 0.00	54.58 1.13 0.00	55.01 1.20 0.00	41.55 0.72 0.00	40.07 0.58 0.00	40.89 0.51 0.00	35.88 0.31 0.00	31.69 0.21 0.00
DAHOWA__HYDRO 323763	32.00 2.01 0.00	29.53 1.70 0.00	26.30 1.44 0.00	27.31 1.55 0.00	28.00 1.58 0.00	29.84 1.74 0.00	28.09 1.76 0.00	30.05 1.77 0.00	31.78 1.71 0.00	30.83 1.69 0.00	29.41 1.34 -0.96	32.83 1.40 -4.34	34.91 1.57 0.00	40.40 1.92 0.00	45.37 2.29 0.00	46.27 2.30 0.00	48.55 2.79 0.00	56.81 3.37 0.00	57.39 3.59 0.00	43.63 2.80 0.00	42.14 2.65 0.00	43.00 2.61 0.00	37.85 2.28 0.00	33.67 2.19 0.00
DANC__LFGE 323619	29.07 -0.92 0.00	26.98 -0.85 0.00	24.23 -0.63 0.00	25.37 -0.39 0.00	26.00 -0.42 0.00	27.45 -0.65 0.00	25.75 -0.58 0.00	27.74 -0.54 0.00	29.48 -0.59 0.00	28.64 -0.50 0.00	26.60 -0.51 0.00	26.55 -0.55 0.00	32.59 -0.75 0.00	37.57 -0.92 0.00	41.90 -1.19 0.00	42.84 -1.13 0.00	44.93 -0.83 0.00	52.88 -0.57 0.00	53.55 -0.26 0.00	40.63 -0.20 0.00	39.25 -0.24 0.00	40.10 -0.29 0.00	35.17 -0.39 0.00	30.90 -0.58 0.00
DANSKAMMER__1 23586	31.61 1.62 0.00	29.10 1.27 0.00	25.87 1.00 0.00	26.73 0.97 0.00	27.43 1.01 0.00	29.26 1.15 0.00	27.57 1.25 0.00	29.74 1.45 0.00	31.69 1.62 0.00	30.95 1.82 0.00	28.84 1.73 0.00	28.89 1.80 0.00	35.51 2.17 0.00	40.98 2.50 0.00	45.83 2.75 0.00	46.88 2.91 0.00	49.29 3.53 0.00	57.59 4.14 0.00	57.67 3.86 0.00	43.43 2.60 0.00	41.64 2.15 0.00	42.39 2.01 0.00	37.33 1.76 0.00	33.22 1.75 0.00
DANSKAMMER__2 23589	31.61 1.62 0.00	29.10 1.27 0.00	25.87 1.00 0.00	26.73 0.97 0.00	27.43 1.01 0.00	29.26 1.15 0.00	27.57 1.25 0.00	29.74 1.45 0.00	31.69 1.62 0.00	30.95 1.82 0.00	28.84 1.73 0.00	28.89 1.80 0.00	35.51 2.17 0.00	40.98 2.50 0.00	45.83 2.75 0.00	46.88 2.91 0.00	49.29 3.53 0.00	57.59 4.14 0.00	57.67 3.86 0.00	43.43 2.60 0.00	41.64 2.15 0.00	42.39 2.01 0.00	37.33 1.76 0.00	33.22 1.75 0.00
DANSKAMMER__3 23590	31.61 1.62 0.00	29.10 1.27 0.00	25.87 1.00 0.00	26.73 0.97 0.00	27.43 1.01 0.00	29.26 1.15 0.00	27.57 1.25 0.00	29.74 1.45 0.00	31.69 1.62 0.00	30.95 1.82 0.00	28.84 1.73 0.00	28.89 1.80 0.00	35.51 2.17 0.00	40.98 2.50 0.00	45.83 2.75 0.00	46.88 2.91 0.00	49.29 3.53 0.00	57.59 4.14 0.00	57.67 3.86 0.00	43.43 2.60 0.00	41.64 2.15 0.00	42.39 2.01 0.00	37.33 1.76 0.00	33.22 1.75 0.00

DANSKAMMER___4 23591	31.61 1.62 0.00	29.10 1.27 0.00	25.87 1.00 0.00	26.73 0.97 0.00	27.43 1.01 0.00	29.26 1.15 0.00	27.57 1.25 0.00	29.74 1.45 0.00	31.69 1.62 0.00	30.95 1.82 0.00	28.84 1.73 0.00	28.89 1.80 0.00	35.51 2.17 0.00	40.98 2.50 0.00	45.83 2.75 0.00	46.88 2.91 0.00	49.29 3.53 0.00	57.59 4.14 0.00	57.67 3.86 0.00	43.43 2.60 0.00	41.64 2.15 0.00	42.39 2.01 0.00	37.33 1.76 0.00	33.22 1.75 0.00
DANSKAMMER___DIESEL 23592	31.61 1.62 0.00	29.10 1.27 0.00	25.86 1.00 0.00	26.73 0.97 0.00	27.43 1.01 0.00	29.26 1.15 0.00	27.57 1.25 0.00	29.74 1.45 0.00	31.69 1.62 0.00	30.95 1.82 0.00	28.84 1.73 0.00	28.89 1.80 0.00	35.50 2.17 0.00	40.98 2.49 0.00	45.83 2.75 0.00	46.88 2.91 0.00	49.29 3.53 0.00	57.59 4.14 0.00	57.66 3.86 0.00	43.43 2.60 0.00	41.64 2.15 0.00	42.39 2.01 0.00	37.32 1.76 0.00	33.22 1.75 0.00
DARBY___SOLAR 323810	31.84 1.85 0.00	29.40 1.57 0.00	26.18 1.32 0.00	27.18 1.42 0.00	27.87 1.45 0.00	29.70 1.60 0.00	27.94 1.62 0.00	29.91 1.62 0.00	31.65 1.58 0.00	30.70 1.57 0.00	29.32 1.24 -0.97	32.78 1.31 -4.38	34.78 1.44 0.00	40.27 1.78 0.00	45.19 2.11 0.00	46.10 2.13 0.00	48.32 2.56 0.00	56.52 3.07 0.00	57.02 3.22 0.00	43.37 2.54 0.00	41.88 2.39 0.00	42.73 2.35 0.00	37.63 2.07 0.00	33.48 2.01 0.00
DASHVILLE___HYD 23610	31.26 1.26 0.00	28.77 0.94 0.00	25.59 0.73 0.00	26.44 0.68 0.00	27.13 0.70 0.00	28.92 0.82 0.00	27.26 0.93 0.00	29.42 1.13 0.00	31.37 1.30 0.00	30.64 1.51 0.00	28.58 1.47 0.00	28.62 1.52 0.00	35.16 1.83 0.00	40.54 2.05 0.00	45.27 2.18 0.00	46.31 2.34 0.00	48.68 2.92 0.00	56.80 3.36 0.00	56.74 2.93 0.00	42.73 1.90 0.00	40.94 1.45 0.00	41.71 1.33 0.00	36.76 1.19 0.00	32.72 1.25 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.62 2.63 0.00	29.98 2.15 0.00	26.60 1.74 0.00	27.30 1.54 0.00	28.01 1.59 0.00	29.91 1.81 0.00	28.33 2.01 0.00	30.64 2.35 0.00	32.63 2.56 0.00	32.09 2.96 0.00	36.48 3.02 -6.36	57.06 2.66 -27.31	36.57 3.23 0.00	42.15 3.66 0.00	46.90 3.81 0.00	47.78 3.81 0.00	50.65 4.89 0.00	58.83 5.39 0.00	58.75 4.94 0.00	43.92 3.09 0.00	42.81 3.32 0.00	43.67 3.28 0.00	39.00 3.14 -0.30	37.77 3.09 -3.20
DELAWARE___LFGE 323621	30.82 0.83 0.00	28.46 0.63 0.00	25.42 0.56 0.00	26.32 0.56 0.00	26.98 0.56 0.00	28.75 0.65 0.00	26.97 0.64 0.00	28.99 0.71 0.00	30.86 0.79 0.00	30.04 0.91 0.00	27.98 0.88 0.00	27.99 0.90 0.00	34.45 1.12 0.00	39.76 1.28 0.00	44.46 1.37 0.00	45.37 1.40 0.00	47.49 1.73 0.00	55.51 2.06 0.00	55.83 2.03 0.00	42.23 1.40 0.00	40.70 1.21 0.00	41.57 1.19 0.00	36.57 1.01 0.00	32.40 0.92 0.00
DERFIELD_115KV_TB7 355931	30.13 0.14 0.00	27.91 0.08 0.00	24.92 0.06 0.00	25.83 0.07 0.00	26.48 0.05 0.00	28.18 0.08 0.00	26.41 0.09 0.00	28.36 0.07 0.00	30.12 0.05 0.00	29.23 0.09 0.00	27.19 0.08 0.00	27.18 0.09 0.00	33.44 0.10 0.00	38.61 0.12 0.00	43.21 0.13 0.00	44.11 0.14 0.00	46.02 0.25 0.00	53.77 0.32 0.00	54.12 0.32 0.00	41.03 0.20 0.00	39.61 0.12 0.00	40.50 0.12 0.00	35.65 0.09 0.00	31.62 0.14 0.00
DOGLEVILLE___HYD 23807	30.21 0.21 0.00	27.83 0.00 0.00	24.77 -0.09 0.00	25.62 -0.14 0.00	26.29 -0.13 0.00	28.05 -0.05 0.00	26.36 0.04 0.00	28.13 -0.15 0.00	29.59 -0.48 0.00	28.62 -0.51 0.00	26.37 -0.74 0.00	26.36 -0.73 0.00	32.33 -1.01 0.00	37.45 -1.04 0.00	41.98 -1.10 0.00	42.99 -0.99 0.00	45.05 -0.71 0.00	53.17 -0.27 0.00	53.87 0.06 0.00	41.07 0.24 0.00	39.56 0.07 0.00	40.31 -0.07 0.00	35.50 -0.07 0.00	31.71 0.24 0.00
DUNKIRK___115KV_TB_200 55889	29.79 -0.20 0.00	27.59 -0.23 0.00	24.52 -0.35 0.00	25.32 -0.44 0.00	26.07 -0.35 0.00	27.69 -0.41 0.00	25.97 -0.36 0.00	27.69 -0.60 0.00	29.47 -0.60 0.00	29.15 0.02 0.00	27.44 0.33 0.00	27.69 0.60 0.00	34.38 1.05 0.00	39.73 1.25 0.00	44.69 1.61 0.00	45.31 1.34 0.00	47.70 1.94 0.00	55.97 2.53 0.00	56.47 2.67 0.00	42.07 1.24 0.00	40.52 1.03 0.00	41.50 1.12 0.00	36.27 0.71 0.00	31.61 0.14 0.00
DUNKIRK___1 23563	29.79 -0.20 0.00	27.59 -0.23 0.00	24.52 -0.35 0.00	25.32 -0.44 0.00	26.07 -0.35 0.00	27.69 -0.41 0.00	25.97 -0.36 0.00	27.69 -0.60 0.00	29.47 -0.60 0.00	29.15 0.02 0.00	27.44 0.33 0.00	27.69 0.60 0.00	34.38 1.05 0.00	39.73 1.25 0.00	44.69 1.61 0.00	45.31 1.34 0.00	47.70 1.94 0.00	55.97 2.53 0.00	56.47 2.67 0.00	42.07 1.24 0.00	40.52 1.03 0.00	41.50 1.12 0.00	36.27 0.71 0.00	31.61 0.14 0.00
DUNKIRK___2 23564	29.79 -0.20 0.00	27.59 -0.23 0.00	24.52 -0.35 0.00	25.32 -0.44 0.00	26.07 -0.35 0.00	27.69 -0.41 0.00	25.97 -0.36 0.00	27.69 -0.60 0.00	29.47 -0.60 0.00	29.15 0.02 0.00	27.44 0.33 0.00	27.69 0.60 0.00	34.38 1.05 0.00	39.73 1.25 0.00	44.69 1.61 0.00	45.31 1.34 0.00	47.70 1.94 0.00	55.97 2.53 0.00	56.47 2.67 0.00	42.07 1.24 0.00	40.52 1.03 0.00	41.50 1.12 0.00	36.27 0.71 0.00	31.61 0.14 0.00
DUNKIRK___3 23565	29.66 -0.33 0.00	27.47 -0.36 0.00	24.41 -0.45 0.00	25.21 -0.55 0.00	25.97 -0.45 0.00	27.58 -0.52 0.00	25.85 -0.47 0.00	27.54 -0.74 0.00	29.34 -0.73 0.00	29.01 -0.12 0.00	27.30 0.19 0.00	27.52 0.43 0.00	34.17 0.83 0.00	39.47 0.98 0.00	44.38 1.29 0.00	45.01 1.04 0.00	47.38 1.62 0.00	55.58 2.14 0.00	56.09 2.28 0.00	41.79 0.96 0.00	40.25 0.76 0.00	41.22 0.84 0.00	36.05 0.49 0.00	31.44 -0.03 0.00
DUNKIRK___4 23566	29.66 -0.33 0.00	27.47 -0.36 0.00	24.41 -0.45 0.00	25.21 -0.55 0.00	25.97 -0.45 0.00	27.58 -0.52 0.00	25.85 -0.47 0.00	27.54 -0.74 0.00	29.34 -0.73 0.00	29.01 -0.12 0.00	27.30 0.19 0.00	27.52 0.43 0.00	34.17 0.83 0.00	39.47 0.98 0.00	44.38 1.29 0.00	45.01 1.04 0.00	47.38 1.62 0.00	55.58 2.14 0.00	56.09 2.28 0.00	41.79 0.96 0.00	40.25 0.76 0.00	41.22 0.84 0.00	36.05 0.49 0.00	31.44 -0.03 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.62 1.64 0.00	29.10 1.27 0.00	25.86 1.00 0.00	26.68 0.92 0.00	27.40 0.98 0.00	29.24 1.14 0.00	27.59 1.26 0.00	29.77 1.47 0.00	31.75 1.68 0.00	31.06 1.93 0.00	34.98 1.88 -6.00	56.05 1.92 -27.03	35.63 2.29 0.00	41.01 2.53 0.00	45.71 2.63 0.00	46.78 2.80 0.00	49.23 3.47 0.00	57.41 3.97 0.00	57.42 3.61 0.00	43.22 2.38 0.00	41.42 1.93 0.00	42.22 1.83 0.00	37.27 1.71 0.00	33.23 1.76 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.38 1.39 0.00	28.88 1.06 0.00	25.68 0.82 0.00	26.54 0.78 0.00	27.23 0.81 0.00	29.05 0.95 0.00	27.37 1.05 0.00	29.52 1.23 0.00	31.45 1.38 0.00	30.71 1.58 0.00	26.83 1.51 1.79	20.57 1.56 8.09	35.21 1.87 0.00	40.60 2.12 0.00	45.41 2.33 0.00	46.43 2.46 0.00	48.81 3.05 0.00	57.03 3.58 0.00	57.11 3.30 0.00	43.02 2.18 0.00	41.23 1.74 0.00	42.00 1.62 0.00	37.00 1.44 0.00	32.94 1.47 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.73 1.74 0.00	29.21 1.38 0.00	25.96 1.10 0.00	26.77 1.01 0.00	27.53 1.10 0.00	29.36 1.27 0.00	27.72 1.39 0.00	29.87 1.58 0.00	31.82 1.75 0.00	31.14 2.01 0.00	35.11 2.00 -6.00	56.18 2.03 -27.06	35.76 2.42 0.00	41.11 2.62 0.00	45.75 2.66 0.00	46.88 2.90 0.00	49.25 3.49 0.00	57.44 4.00 0.00	57.46 3.66 0.00	43.27 2.44 0.00	41.53 2.04 0.00	42.27 1.89 0.00	37.34 1.78 0.00	33.38 1.90 0.00
E179THST_13_KV_LOAD 356214	31.90 1.91 0.00	29.36 1.53 0.00	26.09 1.23 0.00	26.91 1.15 0.00	27.66 1.24 0.00	29.51 1.41 0.00	27.86 1.54 0.00	30.03 1.74 0.00	32.00 1.93 0.00	31.32 2.18 0.00	35.28 2.17 -6.00	56.35 2.20 -27.06	35.98 2.64 0.00	41.36 2.88 0.00	46.04 2.96 0.00	47.18 3.20 0.00	49.56 3.80 0.00	57.82 4.38 0.00	57.84 4.04 0.00	43.55 2.72 0.00	41.80 2.31 0.00	42.55 2.17 0.00	37.59 2.02 0.00	33.58 2.11 0.00
EAST HAMPTON___GT 23717	33.17 3.18 0.00	30.48 2.65 0.00	27.05 2.19 0.00	27.74 1.98 0.00	28.47 2.05 0.00	30.40 2.30 0.00	28.81 2.48 0.00	31.15 2.87 0.00	33.24 3.17 0.00	32.74 3.60 0.00	37.11 3.65 -6.36	57.48 3.07 -27.31	37.03 3.70 0.00	42.71 4.22 0.00	47.42 4.34 0.00	48.16 4.19 0.00	51.02 5.27 0.00	59.08 5.64 0.00	58.95 5.14 0.00	43.59 2.76 0.00	43.35 3.86 0.00	44.38 4.00 0.00	39.72 3.85 -0.30	38.35 3.67 -3.20
EAST RIVER___6 23660	31.73 1.74 0.00	29.18 1.36 0.00	25.94 1.08 0.00	26.76 1.00 0.00	27.50 1.08 0.00	29.32 1.22 0.00	27.67 1.34 0.00	29.89 1.60 0.00	31.94 1.87 0.00	31.29 2.16 0.00	35.23 2.12 -6.00	56.36 2.20 -27.07	36.00 2.67 0.00	41.44 2.95 0.00	46.10 3.01 0.00	47.20 3.22 0.00	49.68 3.92 0.00	57.89 4.44 0.00	57.75 3.94 0.00	43.52 2.69 0.00	41.70 2.21 0.00	42.47 2.09 0.00	37.52 1.96 0.00	33.44 1.96 0.00
EAST RIVER___7 23524	31.73 1.74 0.00	29.18 1.36 0.00	25.94 1.08 0.00	26.76 1.00 0.00	27.50 1.08 0.00	29.32 1.22 0.00	27.67 1.34 0.00	29.89 1.60 0.00	31.94 1.87 0.00	31.29 2.16 0.00	35.23 2.12 -6.00	56.36 2.20 -27.07	36.00 2.67 0.00	41.44 2.95 0.00	46.10 3.01 0.00	47.20 3.22 0.00	49.68 3.92 0.00	57.89 4.44 0.00	57.75 3.94 0.00	43.52 2.69 0.00	41.70 2.21 0.00	42.47 2.09 0.00	37.52 1.96 0.00	33.44 1.96 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.54 1.55 0.00	29.02 1.19 0.00	25.79 0.93 0.00	26.63 0.87 0.00	27.34 0.92 0.00	29.18 1.08 0.00	27.52 1.20 0.00	29.69 1.40 0.00	31.66 1.59 0.00	30.96 1.82 0.00	35.28 1.77 -6.40	57.78 1.82 -28.88	35.50 2.16 0.00	40.87 2.38 0.00	45.56 2.48 0.00	46.64 2.67 0.00	49.06 3.30 0.00	57.24 3.79 0.00	57.26 3.45 0.00	43.11 2.28 0.00	41.31 1.83 0.00	42.10 1.72 0.00	37.16 1.60 0.00	33.14 1.66 0.00
EAST_HAMPTON___DIESEL 23722	33.19 3.20 0.00	30.50 2.67 0.00	27.05 2.19 0.00	27.75 1.99 0.00	28.49 2.07 0.00	30.42 2.32 0.00	28.82 2.50 0.00	31.16 2.87 0.00	33.25 3.18 0.00	32.75 3.62 0.00	37.13 3.67 -6.36	57.49 3.09 -27.31	37.06 3.73 0.00	42.73 4.24 0.00	47.44 4.36 0.00	48.18 4.21 0.00	51.05 5.29 0.00	59.07 5.63 0.00	58.94 5.13 0.00	43.53 2.70 0.00	43.38 3.89 0.00	44.40 4.02 0.00	39.73 3.86 -0.30	38.36 3.68 -3.20
EAST_POINT___SOLAR 323840	31.76 1.77 0.00	29.42 1.59 0.00	26.24 1.38 0.00	27.20 1.44 0.00	27.92 1.50 0.00	29.76 1.66 0.00	27.93 1.61 0.00	29.78 1.50 0.00	31.13 1.06 0.00	29.84 0.70 0.00	27.43 0.32 0.00	27.37 0.27 0.00	33.83 0.49 0.00	39.40 0.91 0.00	44.47 1.38 0.00	45.84 1.87 0.00	48.11 2.35 0.00	56.51 3.07 0.00	57.64 3.83 0.00	43.98 3.14 0.00	42.56 3.07 0.00	43.49 3.11 0.00	38.30 2.74 0.00	33.67 2.20 0.00
EAST_PULASKI___ESR 323781	29.39 -0.60 0.00	27.22 -0.61 0.00	24.36 -0.51 0.00	25.32 -0.44 0.00	25.97 -0.45 0.00	27.56 -0.54 0.00	25.83 -0.50 0.00	27.69 -0.60 0.00	29.42 -0.65 0.00	28.59 -0.55 0.00	26.60 -0.51 0.00	26.60 -0.49 0.00	32.74 -0.60 0.00	37.81 -0.68 0.00	42.21 -0.88 0.00	43.09 -0.89 0.00	45.12 -0.64 0.00	52.96 -0.49 0.00	53.50 -0.31 0.00	40.58 -0.26 0.00	39.16 -0.33 0.00	40.08 -0.31 0.00	35.20 -0.36 0.00	31.02 -0.46 0.00
EAST_RIVER___1 323558	31.72 1.73 0.00	29.17 1.35 0.00	25.93 1.07 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.36 0.00	29.88 1.59 0.00	31.92 1.85 0.00	31.24 2.11 0.00	35.18 2.07 -6.00	56.29 2.13 -27.07	35.92 2.59 0.00	41.33 2.84 0.00	46.00 2.92 0.00	47.09 3.11 0.00	49.59 3.83 0.00	57.79 4.35 0.00	57.75 3.95 0.00	43.45 2.62 0.00	41.65 2.16 0.00	42.43 2.05 0.00	37.48 1.92 0.00	33.41 1.93 0.00
EAST_RIVER___2 323559	31.73 1.74 0.00	29.18 1.36 0.00	25.94 1.08 0.00	26.76 1.00 0.00	27.50 1.08 0.00	29.32 1.22 0.00	27.67 1.34 0.00	29.89 1.60 0.00	31.94 1.87 0.00	31.29 2.16 0.00	35.23 2.12 -6.00	56.36 2.20 -27.07	36.00 2.67 0.00	41.44 2.95 0.00	46.10 3.01 0.00	47.20 3.22 0.00	49.68 3.92 0.00	57.89 4.44 0.00	57.75 3.94 0.00	43.52 2.69 0.00	41.70 2.21 0.00	42.47 2.09 0.00	37.52 1.96 0.00	33.44 1.96 0.00
EAST___DELAWARE_HYD 23607	31.70 1.71 0.00	29.18 1.35 0.00	25.94 1.08 0.00	26.81 1.05 0.00	27.52 1.10 0.00	29.34 1.24 0.00	27.65 1.32 0.00	29.79 1.51 0.00	31.76 1.69 0.00	30.98 1.85 0.00	27.41 1.74 1.43	22.44 1.79 6.45	35.53 2.20 0.00	41.02 2.53 0.00	45.96 2.88 0.00	47.04 3.07 0.00	49.50 3.74 0.00	57.94 4.50 0.00	56.08 2.28 0.00	42.64 1.81 0.00	40.89 1.40 0.00	41.61 1.23 0.00	36.58 1.02 0.00	32.48 1.01 0.00
EIGHT_POINT___WT_PWR 323820	31.26 1.27 0.00	28.79 0.96 0.00	25.59 0.72 0.00	26.41 0.66 0.00	27.20 0.78 0.00	29.00 0.90 0.00	27.30 0.98 0.00	29.21 0.92 0.00	31.06 0.99 0.00	30.53 1.40 0.00	28.53 1.43 0.00	28.74 1.65 0.00	35.54 2.20 0.00	41.09 2.60 0.00	46.18 3.10 0.00	46.84 2.87 0.00	49.59 3.82 0.00	58.39 4.95 0.00	59.22 5.41 0.00	44.41 3.58 0.00	42.82 3.32 0.00	43.61 3.22 0.00	37.89 2.33 0.00	33.21 1.74 0.00
ELBRIDGE_115KV_TB2 80188	29.86 -0.12 0.00	27.63 -0.20 0.00	24.65 -0.21 0.00	25.52 -0.24 0.00	26.19 -0.23 0.00	27.88 -0.22 0.00	26.12 -0.21 0.00	27.96 -0.33 0.00	29.67 -0.40 0.00	28.87 -0.26 0.00	26.92 -0.19 0.00	26.98 -0.12 0.00	33.29 -0.04 0.00	38.50 0.01 0.00	43.15 0.07 0.00	44.11 0.14 0.00	46.19 0.43 0.00	54.09 0.65 0.00	54.53 0.72 0.00	41.18 0.34 0.00	39.74 0.25 0.00	40.58 0.19 0.00	35.59 0.03 0.00	31.46 -0.01 0.00
ELEC_TRO_TEK 24086	31.92 1.93 0.00	29.36 1.54 0.00	26.07 1.21 0.00	26.84 1.08 0.00	27.56 1.14 0.00	29.42 1.32 0.00	27.79 1.47 0.00	30.01 1.73 0.00	31.97 1.90 0.00	31.30 2.16 0.00	35.63 2.16 -6.36	56.50 2.10 -27.31	35.81 2.47 0.00	41.20 2.72 0.00	45.81 2.73 0.00	46.82 2.84 0.00	49.35 3.59 0.00	57.52 4.08 0.00	57.55 3.74 0.00	43.46 2.63 0.00	41.63 2.15 0.00	42.46 2.08 0.00	37.88 2.01 -0.30	36.83 2.15 -3.20

ELLENBURG_WT_PWR 323604	29.05 -0.94 0.00	27.21 -0.62 0.00	24.27 -0.59 0.00	25.17 -0.59 0.00	25.80 -0.62 0.00	19.07 -0.81 8.22	13.88 -0.83 11.61	27.86 -0.43 0.00	30.09 0.02 0.00	29.07 -0.06 0.00	27.09 -0.01 0.00	26.83 -0.26 0.00	33.23 -0.10 0.00	38.45 -0.04 0.00	43.32 0.23 0.00	44.44 0.46 0.00	45.91 0.14 0.00	53.47 0.03 0.00	54.30 0.49 0.00	41.48 0.65 0.00	40.27 0.78 0.00	41.08 0.70 0.00	36.18 0.62 0.00	31.48 0.01 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.49 -0.51 0.00	27.35 -0.48 0.00	24.30 -0.57 0.00	25.09 -0.68 0.00	25.86 -0.56 0.00	27.47 -0.63 0.00	25.66 -0.67 0.00	27.29 -1.00 0.00	29.11 -0.96 0.00	28.76 -0.37 0.00	27.07 -0.03 0.00	27.21 0.12 0.00	33.79 0.46 0.00	38.94 0.45 0.00	43.77 0.69 0.00	44.45 0.48 0.00	46.76 1.01 0.00	54.78 1.34 0.00	55.32 1.52 0.00	41.39 0.56 0.00	39.84 0.35 0.00	40.79 0.41 0.00	35.73 0.17 0.00	31.14 -0.34 0.00
EMPIRE_CC_1 323656	30.59 0.60 0.00	28.37 0.55 0.00	25.35 0.49 0.00	26.29 0.53 0.00	26.94 0.52 0.00	28.60 0.50 0.00	26.85 0.52 0.00	28.71 0.42 0.00	30.45 0.38 0.00	29.59 0.46 0.00	28.70 0.29 -1.30	33.24 0.29 -5.86	33.52 0.18 0.00	38.69 0.20 0.00	43.29 0.21 0.00	44.06 0.08 0.00	46.05 0.29 0.00	53.74 0.30 0.00	54.02 0.21 0.00	41.10 0.27 0.00	39.58 0.09 0.00	40.46 0.07 0.00	35.69 0.13 0.00	31.94 0.46 0.00
EMPIRE_CC_2 323658	30.59 0.60 0.00	28.37 0.55 0.00	25.35 0.49 0.00	26.29 0.53 0.00	26.94 0.52 0.00	28.60 0.50 0.00	26.85 0.52 0.00	28.71 0.42 0.00	30.45 0.38 0.00	29.59 0.46 0.00	28.70 0.29 -1.30	33.24 0.29 -5.86	33.52 0.18 0.00	38.69 0.20 0.00	43.29 0.21 0.00	44.06 0.08 0.00	46.05 0.29 0.00	53.74 0.30 0.00	54.02 0.21 0.00	41.10 0.27 0.00	39.58 0.09 0.00	40.46 0.07 0.00	35.69 0.13 0.00	31.94 0.46 0.00
ENORWICH_115KV_TB1 80156	31.92 1.92 0.00	29.33 1.50 0.00	26.15 1.29 0.00	26.97 1.21 0.00	27.77 1.35 0.00	29.71 1.61 0.00	27.90 1.58 0.00	29.91 1.62 0.00	31.84 1.77 0.00	30.85 1.71 0.00	28.75 1.64 0.00	28.55 1.45 0.00	35.15 1.81 0.00	40.49 2.00 0.00	45.46 2.38 0.00	46.49 2.52 0.00	49.02 3.26 0.00	57.70 4.25 0.00	58.74 4.94 0.00	44.63 3.80 0.00	43.23 3.74 0.00	43.99 3.61 0.00	38.49 2.93 0.00	33.84 2.36 0.00
ERIE_ST__34_KV_TB1-2 80199	29.82 -0.17 0.00	27.64 -0.18 0.00	24.55 -0.31 0.00	25.34 -0.42 0.00	26.09 -0.33 0.00	27.75 -0.35 0.00	25.95 -0.37 0.00	27.64 -0.65 0.00	29.49 -0.58 0.00	29.17 0.04 0.00	27.46 0.35 0.00	27.63 0.53 0.00	34.30 0.97 0.00	39.60 1.11 0.00	44.56 1.48 0.00	45.31 1.34 0.00	47.73 1.97 0.00	55.94 2.50 0.00	56.44 2.63 0.00	42.16 1.33 0.00	40.55 1.06 0.00	41.46 1.08 0.00	36.26 0.70 0.00	31.60 0.12 0.00
ERIE_WT_PWR 323693	29.65 -0.34 0.00	27.49 -0.34 0.00	24.42 -0.45 0.00	25.21 -0.55 0.00	25.98 -0.45 0.00	27.61 -0.49 0.00	25.80 -0.53 0.00	27.46 -0.84 0.00	29.28 -0.79 0.00	28.95 -0.19 0.00	27.24 0.13 0.00	27.40 0.31 0.00	34.02 0.68 0.00	39.25 0.76 0.00	44.13 1.04 0.00	44.81 0.84 0.00	47.17 1.41 0.00	55.29 1.85 0.00	55.84 2.04 0.00	41.75 0.92 0.00	40.16 0.68 0.00	41.11 0.72 0.00	36.00 0.44 0.00	31.36 -0.11 0.00
ESPRGFLD_115KV_TB1 80157	31.38 1.39 0.00	29.04 1.21 0.00	25.92 1.06 0.00	26.85 1.09 0.00	27.55 1.12 0.00	29.35 1.25 0.00	27.54 1.22 0.00	29.65 1.36 0.00	31.53 1.46 0.00	30.61 1.47 0.00	28.52 1.42 0.00	28.49 1.40 0.00	35.19 1.86 0.00	40.63 2.15 0.00	45.45 2.36 0.00	46.51 2.53 0.00	48.66 2.90 0.00	56.91 3.47 0.00	57.58 3.77 0.00	43.57 2.74 0.00	42.07 2.58 0.00	42.98 2.60 0.00	37.82 2.26 0.00	33.25 1.77 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.57 0.59 0.00	28.25 0.42 0.00	25.20 0.34 0.00	26.08 0.32 0.00	26.77 0.34 0.00	28.55 0.45 0.00	26.79 0.47 0.00	28.72 0.43 0.00	30.61 0.53 0.00	29.69 0.56 0.00	27.64 0.53 0.00	27.62 0.52 0.00	34.04 0.70 0.00	39.34 0.85 0.00	44.10 1.02 0.00	45.03 1.06 0.00	47.24 1.47 0.00	55.42 1.98 0.00	56.06 2.25 0.00	42.43 1.60 0.00	40.97 1.48 0.00	41.79 1.41 0.00	36.63 1.06 0.00	32.29 0.81 0.00
ETNA____115KV_TB2 80207	30.57 0.59 0.00	28.25 0.42 0.00	25.20 0.34 0.00	26.08 0.32 0.00	26.77 0.34 0.00	28.55 0.45 0.00	26.79 0.47 0.00	28.72 0.43 0.00	30.61 0.53 0.00	29.69 0.56 0.00	27.64 0.53 0.00	27.62 0.52 0.00	34.04 0.70 0.00	39.34 0.85 0.00	44.10 1.02 0.00	45.03 1.06 0.00	47.24 1.47 0.00	55.42 1.98 0.00	56.06 2.25 0.00	42.43 1.60 0.00	40.97 1.48 0.00	41.79 1.41 0.00	36.63 1.06 0.00	32.29 0.81 0.00
EUCLID____115KV_TB2 356179	29.71 -0.28 0.00	27.49 -0.34 0.00	24.54 -0.33 0.00	25.40 -0.36 0.00	26.06 -0.37 0.00	27.74 -0.36 0.00	25.98 -0.34 0.00	27.81 -0.47 0.00	29.54 -0.53 0.00	28.75 -0.38 0.00	26.81 -0.30 0.00	26.88 -0.22 0.00	33.16 -0.18 0.00	38.34 -0.15 0.00	42.95 -0.14 0.00	43.84 -0.14 0.00	45.86 0.10 0.00	53.69 0.24 0.00	54.07 0.26 0.00	40.90 0.07 0.00	39.43 -0.06 0.00	40.26 -0.12 0.00	35.36 -0.20 0.00	31.24 -0.24 0.00
E_CANADA_CAP_HY 24051	31.62 1.63 0.00	29.32 1.49 0.00	26.16 1.30 0.00	27.12 1.36 0.00	27.85 1.43 0.00	29.64 1.54 0.00	27.81 1.48 0.00	29.86 1.57 0.00	31.62 1.55 0.00	30.54 1.40 0.00	28.31 1.20 0.00	28.21 1.11 0.00	34.87 1.53 0.00	40.31 1.82 0.00	45.13 2.05 0.00	46.28 2.30 0.00	48.44 2.68 0.00	56.62 3.17 0.00	57.52 3.72 0.00	43.68 2.85 0.00	42.23 2.74 0.00	43.20 2.82 0.00	38.15 2.59 0.00	33.52 2.05 0.00
E_CANADA_MHWK_HY 24050	30.21 0.21 0.00	27.83 0.00 0.00	24.77 -0.09 0.00	25.62 -0.14 0.00	26.29 -0.13 0.00	28.05 -0.05 0.00	26.36 0.04 0.00	28.13 -0.15 0.00	29.59 -0.48 0.00	28.62 -0.51 0.00	26.37 -0.74 0.00	26.36 -0.73 0.00	32.33 -1.01 0.00	37.45 -1.04 0.00	41.98 -1.10 0.00	42.99 -0.99 0.00	45.05 -0.71 0.00	53.17 -0.27 0.00	53.87 0.06 0.00	41.07 0.24 0.00	39.56 0.07 0.00	40.31 -0.07 0.00	35.50 -0.07 0.00	31.71 0.24 0.00
E_FISHKILL____LBMP 23776	31.30 1.30 0.00	28.82 0.99 0.00	25.63 0.77 0.00	26.49 0.73 0.00	27.18 0.76 0.00	28.99 0.89 0.00	27.32 1.00 0.00	29.44 1.15 0.00	31.37 1.30 0.00	30.62 1.49 0.00	30.62 1.42 -2.09	37.97 1.46 -9.42	35.05 1.71 0.00	40.39 1.90 0.00	45.09 2.00 0.00	46.10 2.13 0.00	48.43 2.67 0.00	56.52 3.08 0.00	56.59 2.79 0.00	42.69 1.86 0.00	40.94 1.45 0.00	41.74 1.36 0.00	36.83 1.26 0.00	32.84 1.36 0.00
FALCON____SEABRD_CC1 323796	29.02 -0.97 0.00	27.18 -0.65 0.00	24.23 -0.63 0.00	25.11 -0.65 0.00	25.75 -0.67 0.00	19.03 -0.85 8.22	13.87 -0.85 11.61	28.00 -0.29 0.00	30.52 0.45 0.00	29.60 0.47 0.00	27.52 0.42 0.00	27.33 0.24 0.00	34.12 0.78 0.00	39.58 1.10 0.00	44.66 1.57 0.00	45.85 1.88 0.00	47.46 1.70 0.00	55.18 1.74 0.00	56.21 2.40 0.00	42.89 2.05 0.00	41.54 2.05 0.00	42.18 1.80 0.00	37.24 1.68 0.00	32.38 0.91 0.00

FALCON___SEABRD_CC2 323797	29.02 -0.97 0.00	27.18 -0.65 0.00	24.23 -0.63 0.00	25.11 -0.65 0.00	25.75 -0.67 0.00	19.03 -0.85 8.22	13.87 -0.85 11.61	28.00 -0.29 0.00	30.52 0.45 0.00	29.60 0.47 0.00	27.52 0.42 0.00	27.33 0.24 0.00	34.12 0.78 0.00	39.58 1.10 0.00	44.66 1.57 0.00	45.85 1.88 0.00	47.46 1.70 0.00	55.18 1.74 0.00	56.21 2.40 0.00	42.89 2.05 0.00	41.54 2.05 0.00	42.18 1.80 0.00	37.24 1.68 0.00	32.38 0.91 0.00
FAR ROCKAWAY___4 23548	32.42 2.43 0.00	29.80 1.97 0.00	26.44 1.58 0.00	27.22 1.46 0.00	27.95 1.53 0.00	29.82 1.72 0.00	28.17 1.85 0.00	30.43 2.14 0.00	32.40 2.33 0.00	31.77 2.63 0.00	36.11 2.65 -6.36	57.04 2.64 -27.31	36.50 3.16 0.00	42.02 3.53 0.00	46.76 3.67 0.00	47.83 3.85 0.00	50.45 4.68 0.00	58.76 5.32 0.00	58.80 4.99 0.00	44.38 3.54 0.00	42.50 3.02 0.00	43.33 2.95 0.00	38.60 2.74 -0.30	37.42 2.74 -3.20
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.74 1.75 0.00	29.19 1.36 0.00	25.95 1.09 0.00	26.77 1.01 0.00	27.51 1.09 0.00	29.35 1.25 0.00	27.71 1.38 0.00	29.91 1.62 0.00	31.93 1.86 0.00	31.26 2.13 0.00	35.19 2.08 -6.00	56.32 2.16 -27.07	35.95 2.61 0.00	41.36 2.87 0.00	46.03 2.94 0.00	47.12 3.15 0.00	49.61 3.85 0.00	57.84 4.39 0.00	57.79 3.99 0.00	43.48 2.65 0.00	41.67 2.18 0.00	42.46 2.08 0.00	37.51 1.94 0.00	33.43 1.95 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.77 1.78 0.00	29.22 1.39 0.00	25.96 1.10 0.00	26.79 1.03 0.00	27.52 1.10 0.00	29.37 1.27 0.00	27.72 1.40 0.00	29.92 1.63 0.00	31.95 1.88 0.00	31.28 2.15 0.00	35.21 2.10 -6.00	56.33 2.17 -27.07	35.96 2.63 0.00	41.37 2.88 0.00	46.07 2.98 0.00	47.16 3.18 0.00	49.65 3.89 0.00	57.86 4.42 0.00	57.83 4.03 0.00	43.51 2.68 0.00	41.71 2.22 0.00	42.50 2.12 0.00	37.55 1.98 0.00	33.46 1.99 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.73 1.74 0.00	29.18 1.35 0.00	25.93 1.07 0.00	26.76 1.00 0.00	27.50 1.08 0.00	29.34 1.23 0.00	27.70 1.37 0.00	29.89 1.61 0.00	31.92 1.85 0.00	31.26 2.12 0.00	35.18 2.07 -6.00	56.30 2.14 -27.07	35.93 2.59 0.00	41.33 2.84 0.00	46.00 2.92 0.00	47.09 3.11 0.00	49.58 3.82 0.00	57.79 4.35 0.00	57.75 3.95 0.00	43.44 2.61 0.00	41.63 2.15 0.00	42.42 2.04 0.00	37.48 1.92 0.00	33.41 1.94 0.00
FARRAGUT___LBMP 323566	31.71 1.72 0.00	29.16 1.33 0.00	25.91 1.05 0.00	26.74 0.98 0.00	27.47 1.05 0.00	29.32 1.22 0.00	27.67 1.35 0.00	29.87 1.58 0.00	31.89 1.82 0.00	31.21 2.08 0.00	35.14 2.03 -6.00	56.26 2.11 -27.07	35.88 2.55 0.00	41.28 2.80 0.00	45.94 2.86 0.00	47.04 3.06 0.00	49.52 3.76 0.00	57.72 4.28 0.00	57.69 3.89 0.00	43.40 2.57 0.00	41.60 2.11 0.00	42.38 2.00 0.00	37.45 1.89 0.00	33.39 1.91 0.00
FENNER___WINDPWR 24204	30.55 0.56 0.00	28.26 0.43 0.00	25.21 0.35 0.00	26.14 0.38 0.00	26.79 0.37 0.00	28.55 0.45 0.00	26.80 0.47 0.00	28.75 0.46 0.00	30.53 0.46 0.00	29.62 0.49 0.00	27.59 0.48 0.00	27.60 0.51 0.00	33.95 0.61 0.00	39.24 0.75 0.00	44.03 0.94 0.00	44.96 0.98 0.00	47.06 1.30 0.00	55.14 1.69 0.00	55.67 1.87 0.00	42.23 1.40 0.00	40.78 1.29 0.00	41.62 1.24 0.00	36.52 0.96 0.00	32.22 0.74 0.00
FIBERTEK___ENERGY 23856	30.10 0.11 0.00	27.86 0.03 0.00	24.83 -0.03 0.00	25.73 -0.03 0.00	26.40 -0.03 0.00	28.11 0.01 0.00	26.33 0.00 0.00	28.19 -0.10 0.00	29.92 -0.15 0.00	29.11 -0.02 0.00	27.15 0.04 0.00	27.22 0.13 0.00	33.61 0.27 0.00	38.86 0.37 0.00	43.58 0.49 0.00	44.51 0.54 0.00	46.60 0.84 0.00	54.58 1.13 0.00	55.01 1.20 0.00	41.55 0.72 0.00	40.07 0.58 0.00	40.89 0.51 0.00	35.88 0.31 0.00	31.69 0.21 0.00
FITZPATRICK____ 23598	29.26 -0.73 0.00	27.11 -0.72 0.00	24.21 -0.65 0.00	25.07 -0.69 0.00	25.71 -0.71 0.00	27.37 -0.73 0.00	25.60 -0.72 0.00	27.40 -0.89 0.00	29.11 -0.96 0.00	28.29 -0.85 0.00	26.36 -0.74 0.00	26.41 -0.68 0.00	32.57 -0.76 0.00	37.66 -0.83 0.00	42.17 -0.91 0.00	43.05 -0.92 0.00	44.97 -0.78 0.00	52.61 -0.83 0.00	52.98 -0.82 0.00	40.13 -0.70 0.00	38.72 -0.76 0.00	39.55 -0.83 0.00	34.78 -0.78 0.00	30.76 -0.72 0.00
FLOWRFLD_69_KV_BK1 356044	32.04 2.05 0.00	29.50 1.67 0.00	26.18 1.32 0.00	26.90 1.14 0.00	27.60 1.18 0.00	29.47 1.37 0.00	27.89 1.56 0.00	30.13 1.84 0.00	31.88 1.81 0.00	31.25 2.11 0.00	35.63 2.17 -6.36	56.37 1.97 -27.31	35.78 2.44 0.00	41.13 2.65 0.00	45.69 2.61 0.00	46.59 2.62 0.00	49.36 3.60 0.00	57.46 4.01 0.00	57.43 3.62 0.00	43.53 2.70 0.00	41.71 2.22 0.00	42.47 2.09 0.00	37.96 2.09 -0.30	37.03 2.36 -3.20
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.68 1.69 0.00	29.16 1.33 0.00	25.91 1.05 0.00	26.78 1.02 0.00	27.48 1.06 0.00	29.31 1.21 0.00	27.63 1.30 0.00	29.80 1.51 0.00	31.76 1.69 0.00	31.02 1.88 0.00	28.91 1.80 0.00	28.95 1.86 0.00	35.59 2.25 0.00	41.09 2.60 0.00	45.96 2.88 0.00	47.01 3.04 0.00	49.42 3.66 0.00	57.75 4.31 0.00	57.83 4.03 0.00	43.56 2.72 0.00	41.76 2.27 0.00	42.51 2.12 0.00	37.42 1.86 0.00	33.30 1.82 0.00
FORT ORANGE____ 23900	30.59 0.60 0.00	28.30 0.47 0.00	25.26 0.40 0.00	26.18 0.42 0.00	26.83 0.41 0.00	28.55 0.45 0.00	26.81 0.48 0.00	28.73 0.45 0.00	30.49 0.42 0.00	29.59 0.46 0.00	28.38 0.31 -0.96	31.76 0.33 -4.34	33.61 0.28 0.00	38.85 0.36 0.00	43.53 0.44 0.00	44.41 0.44 0.00	46.50 0.74 0.00	54.44 0.99 0.00	54.80 0.99 0.00	41.64 0.80 0.00	40.10 0.62 0.00	40.94 0.56 0.00	36.02 0.46 0.00	32.08 0.60 0.00
FORT_DRUM_COGEN 23780	28.98 -1.01 0.00	26.95 -0.88 0.00	24.27 -0.60 0.00	25.51 -0.25 0.00	26.15 -0.27 0.00	27.54 -0.56 0.00	25.86 -0.47 0.00	27.99 -0.30 0.00	29.75 -0.32 0.00	28.84 -0.29 0.00	26.73 -0.38 0.00	26.60 -0.50 0.00	32.57 -0.77 0.00	37.50 -0.99 0.00	41.80 -1.29 0.00	42.80 -1.18 0.00	44.89 -0.87 0.00	52.98 -0.46 0.00	53.84 0.03 0.00	40.98 0.15 0.00	39.67 0.18 0.00	40.50 0.11 0.00	35.48 -0.08 0.00	31.06 -0.42 0.00
FOX_HILLS___ESR 323835	31.83 1.83 0.00	29.29 1.46 0.00	26.03 1.17 0.00	26.86 1.10 0.00	27.61 1.19 0.00	29.47 1.37 0.00	27.79 1.47 0.00	29.94 1.65 0.00	31.95 1.88 0.00	31.28 2.15 0.00	35.21 2.10 -6.00	56.30 2.15 -27.06	41.20 2.57 -5.30	41.89 2.78 -0.63	45.92 2.83 0.00	47.06 3.09 0.00	49.47 3.71 0.00	57.66 4.22 0.00	57.67 3.87 0.00	43.47 2.64 0.00	41.76 2.27 0.00	42.44 2.06 0.00	41.12 1.95 -3.60	33.50 2.02 0.00
FPL FAR_ROCK_GT1 24212	32.42 2.43 0.00	29.80 1.97 0.00	26.45 1.59 0.00	27.22 1.47 0.00	27.95 1.53 0.00	29.82 1.72 0.00	28.17 1.85 0.00	30.42 2.13 0.00	32.40 2.33 0.00	31.76 2.63 0.00	36.11 2.65 -6.36	57.03 2.64 -27.31	36.49 3.16 0.00	42.02 3.53 0.00	46.75 3.66 0.00	47.83 3.85 0.00	50.45 4.68 0.00	58.76 5.31 0.00	58.79 4.99 0.00	44.37 3.54 0.00	42.51 3.02 0.00	43.33 2.95 0.00	38.60 2.74 -0.30	37.42 2.74 -3.20

FPL FAR_ROCK_GT2 23815	32.42 2.43 0.00	29.80 1.97 0.00	26.45 1.59 0.00	27.22 1.47 0.00	27.95 1.53 0.00	29.82 1.72 0.00	28.17 1.85 0.00	30.42 2.13 0.00	32.40 2.33 0.00	31.76 2.63 0.00	36.11 2.65 -6.36	57.03 2.64 -27.31	36.49 3.16 0.00	42.02 3.53 0.00	46.75 3.66 0.00	47.83 3.85 0.00	50.45 4.68 0.00	58.76 5.31 0.00	58.79 4.99 0.00	44.37 3.54 0.00	42.51 3.02 0.00	43.33 2.95 0.00	38.60 2.74 -0.30	37.42 2.74 -3.20
FRANKLIN_FALL_HYD 24054	29.21 -0.78 0.00	27.35 -0.48 0.00	24.42 -0.44 0.00	25.32 -0.43 0.00	25.98 -0.45 0.00	27.50 -0.60 0.00	25.71 -0.62 0.00	28.06 -0.23 0.00	30.23 0.16 0.00	29.17 0.03 0.00	27.16 0.05 0.00	26.92 -0.17 0.00	33.29 -0.04 0.00	38.47 -0.01 0.00	43.31 0.22 0.00	44.41 0.43 0.00	45.87 0.11 0.00	53.45 0.00 0.00	54.31 0.50 0.00	41.62 0.78 0.00	40.42 0.93 0.00	41.25 0.87 0.00	36.33 0.77 0.00	31.60 0.12 0.00
FREEPORT_EQUS_GT1 23764	32.13 2.14 0.00	29.55 1.72 0.00	26.23 1.37 0.00	26.97 1.21 0.00	27.70 1.28 0.00	29.58 1.48 0.00	27.94 1.62 0.00	30.20 1.91 0.00	32.13 2.06 0.00	31.48 2.35 0.00	35.84 2.37 -6.36	56.72 2.32 -27.31	36.04 2.71 0.00	41.49 3.00 0.00	46.06 2.98 0.00	47.01 3.04 0.00	49.59 3.83 0.00	57.84 4.40 0.00	57.86 4.05 0.00	43.86 3.03 0.00	41.99 2.50 0.00	42.85 2.47 0.00	38.20 2.33 -0.30	37.11 2.43 -3.20
FREEPORT___CT2 23818	32.13 2.14 0.00	29.55 1.72 0.00	26.23 1.37 0.00	26.97 1.21 0.00	27.70 1.28 0.00	29.58 1.48 0.00	27.94 1.62 0.00	30.20 1.91 0.00	32.13 2.06 0.00	31.48 2.35 0.00	35.84 2.37 -6.36	56.72 2.32 -27.31	36.04 2.71 0.00	41.49 3.00 0.00	46.06 2.98 0.00	47.01 3.04 0.00	49.59 3.83 0.00	57.84 4.40 0.00	57.86 4.05 0.00	43.86 3.03 0.00	41.99 2.50 0.00	42.85 2.47 0.00	38.20 2.33 -0.30	37.11 2.43 -3.20
FRESHKLS_33_KV_LOAD 356253	31.80 1.81 0.00	29.27 1.44 0.00	26.03 1.16 0.00	26.85 1.10 0.00	27.62 1.20 0.00	29.47 1.37 0.00	27.78 1.46 0.00	29.90 1.61 0.00	31.90 1.83 0.00	31.20 2.07 0.00	35.12 2.01 -6.00	56.23 2.07 -27.06	39.91 2.44 -4.14	41.74 2.67 -0.58	45.81 2.73 0.00	46.99 3.02 0.00	49.39 3.63 0.00	57.55 4.10 0.00	57.60 3.80 0.00	43.48 2.65 0.00	41.78 2.30 0.00	42.42 2.04 0.00	41.07 1.91 -3.60	33.46 1.98 0.00
FULTON COGEN____ 23766	29.65 -0.34 0.00	27.43 -0.40 0.00	24.48 -0.38 0.00	25.35 -0.41 0.00	26.02 -0.40 0.00	27.70 -0.40 0.00	25.93 -0.39 0.00	27.76 -0.53 0.00	29.47 -0.60 0.00	28.63 -0.50 0.00	26.68 -0.43 0.00	26.74 -0.35 0.00	32.98 -0.35 0.00	38.15 -0.34 0.00	42.71 -0.37 0.00	43.59 -0.39 0.00	45.62 -0.14 0.00	53.50 0.06 0.00	53.95 0.14 0.00	40.83 0.00 0.00	39.36 -0.13 0.00	40.20 -0.18 0.00	35.33 -0.24 0.00	31.19 -0.28 0.00
FULTON___LFGE 323630	32.73 2.74 0.00	30.28 2.45 0.00	27.00 2.14 0.00	27.98 2.22 0.00	28.77 2.34 0.00	30.72 2.62 0.00	28.85 2.53 0.00	30.62 2.33 0.00	31.71 1.65 0.00	30.00 0.87 0.00	27.30 0.19 0.00	26.53 -0.57 0.00	33.33 -0.01 0.00	38.64 0.16 0.00	43.63 0.54 0.00	46.69 2.72 0.00	49.11 3.35 0.00	58.54 5.09 0.00	59.51 5.71 0.00	46.26 5.42 0.00	44.72 5.23 0.00	45.52 5.13 0.00	39.93 4.37 0.00	35.02 3.54 0.00
G.F.CEMENT___DRP 24184	32.37 2.38 0.00	29.83 2.00 0.00	26.55 1.69 0.00	27.58 1.82 0.00	28.28 1.86 0.00	30.16 2.06 0.00	28.41 2.08 0.00	30.41 2.13 0.00	32.13 2.06 0.00	31.13 2.00 0.00	29.62 1.56 -0.95	33.01 1.66 -4.26	35.20 1.86 0.00	40.78 2.29 0.00	45.85 2.77 0.00	46.80 2.82 0.00	49.17 3.41 0.00	57.61 4.17 0.00	58.32 4.51 0.00	44.32 3.49 0.00	42.87 3.38 0.00	43.71 3.33 0.00	38.50 2.94 0.00	34.19 2.72 0.00
GARDENVILLE___LBMP 24039	29.56 -0.43 0.00	27.41 -0.42 0.00	24.35 -0.51 0.00	25.15 -0.61 0.00	25.91 -0.52 0.00	27.53 -0.57 0.00	25.73 -0.60 0.00	27.37 -0.92 0.00	29.19 -0.88 0.00	28.85 -0.28 0.00	27.15 0.05 0.00	27.30 0.21 0.00	33.90 0.56 0.00	39.09 0.60 0.00	43.95 0.87 0.00	44.63 0.66 0.00	46.97 1.22 0.00	55.05 1.60 0.00	55.58 1.78 0.00	41.56 0.73 0.00	40.00 0.51 0.00	40.94 0.56 0.00	35.87 0.30 0.00	31.24 -0.23 0.00
GARDNVLA_35_KV_LD 355827	29.69 -0.30 0.00	27.53 -0.30 0.00	24.45 -0.42 0.00	25.24 -0.52 0.00	26.00 -0.42 0.00	27.62 -0.47 0.00	25.82 -0.51 0.00	27.48 -0.81 0.00	29.30 -0.77 0.00	28.98 -0.15 0.00	27.29 0.18 0.00	27.45 0.35 0.00	34.09 0.76 0.00	39.33 0.84 0.00	44.25 1.17 0.00	44.95 0.97 0.00	47.32 1.56 0.00	55.44 2.00 0.00	55.99 2.19 0.00	41.86 1.03 0.00	40.26 0.77 0.00	41.20 0.82 0.00	36.07 0.51 0.00	31.41 -0.07 0.00
GELCKHM___115KV_LOAD 80723	29.67 -0.32 0.00	27.46 -0.37 0.00	24.51 -0.35 0.00	25.37 -0.39 0.00	26.03 -0.39 0.00	27.71 -0.39 0.00	25.95 -0.38 0.00	27.78 -0.51 0.00	29.51 -0.56 0.00	28.73 -0.41 0.00	26.79 -0.32 0.00	26.85 -0.24 0.00	33.13 -0.20 0.00	38.32 -0.17 0.00	42.93 -0.16 0.00	43.81 -0.17 0.00	45.85 0.08 0.00	53.67 0.22 0.00	54.05 0.24 0.00	40.87 0.04 0.00	39.39 -0.10 0.00	40.21 -0.17 0.00	35.33 -0.24 0.00	31.19 -0.28 0.00
GENERAL___MILLS 23808	29.63 -0.36 0.00	27.47 -0.35 0.00	24.40 -0.46 0.00	25.20 -0.56 0.00	25.96 -0.46 0.00	27.58 -0.52 0.00	25.78 -0.55 0.00	27.42 -0.86 0.00	29.25 -0.82 0.00	28.91 -0.22 0.00	27.23 0.12 0.00	27.37 0.28 0.00	34.00 0.66 0.00	39.21 0.72 0.00	44.10 1.02 0.00	44.79 0.82 0.00	47.14 1.38 0.00	55.25 1.80 0.00	55.79 1.98 0.00	41.71 0.87 0.00	40.13 0.64 0.00	41.09 0.70 0.00	35.98 0.42 0.00	31.34 -0.14 0.00
GE_PLASTICS___DRP 24183	30.50 0.51 0.00	28.21 0.38 0.00	25.19 0.33 0.00	26.11 0.35 0.00	26.76 0.33 0.00	28.47 0.37 0.00	26.73 0.41 0.00	28.67 0.38 0.00	30.44 0.37 0.00	29.57 0.44 0.00	28.39 0.33 -0.95	31.74 0.35 -4.29	33.67 0.33 0.00	38.90 0.40 0.00	43.53 0.45 0.00	44.39 0.42 0.00	46.44 0.67 0.00	54.29 0.85 0.00	54.57 0.76 0.00	41.42 0.58 0.00	39.90 0.41 0.00	40.75 0.37 0.00	35.90 0.34 0.00	31.96 0.48 0.00
GILBOA___1 23756	30.62 0.63 0.00	28.30 0.47 0.00	25.32 0.46 0.00	26.28 0.53 0.00	26.88 0.45 0.00	28.61 0.51 0.00	26.80 0.47 0.00	28.79 0.50 0.00	30.61 0.54 0.00	29.78 0.65 0.00	27.70 0.59 0.00	27.72 0.62 0.00	34.04 0.70 0.00	39.29 0.80 0.00	43.92 0.83 0.00	44.72 0.75 0.00	46.76 1.00 0.00	54.59 1.14 0.00	54.77 0.97 0.00	41.55 0.72 0.00	40.07 0.58 0.00	40.98 0.60 0.00	36.11 0.55 0.00	32.12 0.64 0.00
GILBOA___2 23757	30.62 0.63 0.00	28.30 0.47 0.00	25.32 0.46 0.00	26.28 0.53 0.00	26.88 0.45 0.00	28.61 0.51 0.00	26.80 0.47 0.00	28.79 0.50 0.00	30.61 0.54 0.00	29.78 0.65 0.00	27.70 0.59 0.00	27.72 0.62 0.00	34.04 0.70 0.00	39.29 0.80 0.00	43.92 0.83 0.00	44.72 0.75 0.00	46.76 1.00 0.00	54.59 1.14 0.00	54.77 0.97 0.00	41.55 0.72 0.00	40.07 0.58 0.00	40.98 0.60 0.00	36.11 0.55 0.00	32.12 0.64 0.00

GILBOA___3 23758	30.62 0.63 0.00	28.30 0.47 0.00	25.32 0.46 0.00	26.28 0.53 0.00	26.88 0.45 0.00	28.61 0.51 0.00	26.80 0.47 0.00	28.79 0.50 0.00	30.61 0.54 0.00	29.78 0.65 0.00	27.70 0.59 0.00	27.72 0.62 0.00	34.04 0.70 0.00	39.29 0.80 0.00	43.92 0.83 0.00	44.72 0.75 0.00	46.76 1.00 0.00	54.59 1.14 0.00	54.77 0.97 0.00	41.55 0.72 0.00	40.07 0.58 0.00	40.98 0.60 0.00	36.11 0.55 0.00	32.12 0.64 0.00
GILBOA___4 23759	30.62 0.63 0.00	28.30 0.47 0.00	25.32 0.46 0.00	26.28 0.53 0.00	26.88 0.45 0.00	28.61 0.51 0.00	26.80 0.47 0.00	28.79 0.50 0.00	30.61 0.54 0.00	29.78 0.65 0.00	27.70 0.59 0.00	27.72 0.62 0.00	34.04 0.70 0.00	39.29 0.80 0.00	43.92 0.83 0.00	44.72 0.75 0.00	46.76 1.00 0.00	54.59 1.14 0.00	54.77 0.97 0.00	41.55 0.72 0.00	40.07 0.58 0.00	40.98 0.60 0.00	36.11 0.55 0.00	32.12 0.64 0.00
GILBOA___ 23599	30.62 0.63 0.00	28.30 0.47 0.00	25.32 0.46 0.00	26.28 0.53 0.00	26.87 0.45 0.00	28.61 0.51 0.00	26.80 0.47 0.00	28.79 0.50 0.00	30.61 0.54 0.00	29.79 0.65 0.00	27.70 0.59 0.00	27.72 0.63 0.00	34.04 0.70 0.00	39.29 0.80 0.00	43.92 0.83 0.00	44.73 0.75 0.00	46.76 1.00 0.00	54.59 1.14 0.00	54.77 0.97 0.00	41.56 0.72 0.00	40.06 0.58 0.00	40.98 0.60 0.00	36.11 0.55 0.00	32.11 0.64 0.00
GINNA___ 23603	28.63 -1.36 0.00	26.49 -1.34 0.00	23.58 -1.28 0.00	24.37 -1.39 0.00	25.08 -1.34 0.00	26.69 -1.40 0.00	24.97 -1.35 0.00	26.69 -1.60 0.00	28.39 -1.68 0.00	27.81 -1.33 0.00	26.05 -1.06 0.00	26.17 -0.93 0.00	32.42 -0.91 0.00	37.48 -1.01 0.00	42.10 -0.98 0.00	42.98 -0.99 0.00	45.12 -0.64 0.00	52.90 -0.55 0.00	53.41 -0.39 0.00	40.19 -0.65 0.00	38.65 -0.84 0.00	39.40 -0.99 0.00	34.49 -1.07 0.00	30.22 -1.25 0.00
GLEN PARK___ 23778	29.06 -0.93 0.00	26.99 -0.84 0.00	24.29 -0.57 0.00	25.54 -0.22 0.00	26.17 -0.25 0.00	27.58 -0.52 0.00	25.91 -0.42 0.00	28.02 -0.27 0.00	29.78 -0.29 0.00	28.89 -0.25 0.00	26.76 -0.35 0.00	26.62 -0.47 0.00	32.59 -0.75 0.00	37.54 -0.95 0.00	41.83 -1.26 0.00	42.81 -1.16 0.00	44.95 -0.81 0.00	53.13 -0.31 0.00	54.05 0.25 0.00	41.20 0.37 0.00	39.93 0.44 0.00	40.74 0.36 0.00	35.65 0.09 0.00	31.17 -0.31 0.00
GLENDALE_27_KV_LOAD 356172	31.96 1.97 0.00	29.38 1.56 0.00	26.11 1.25 0.00	26.92 1.16 0.00	27.66 1.23 0.00	29.52 1.42 0.00	27.88 1.56 0.00	30.08 1.79 0.00	32.09 2.02 0.00	31.45 2.32 0.00	35.40 2.29 -6.00	56.50 2.34 -27.06	36.18 2.84 0.00	41.56 3.08 0.00	46.24 3.16 0.00	47.33 3.36 0.00	49.80 4.04 0.00	58.05 4.61 0.00	58.04 4.24 0.00	43.67 2.84 0.00	41.87 2.38 0.00	42.64 2.26 0.00	37.68 2.11 0.00	33.63 2.16 0.00
GLENWOOD_IC_1_G5 23712	32.08 2.09 0.00	29.51 1.69 0.00	26.20 1.34 0.00	26.96 1.20 0.00	27.69 1.27 0.00	29.55 1.45 0.00	27.92 1.60 0.00	30.18 1.89 0.00	32.16 2.09 0.00	31.51 2.37 0.00	35.81 2.35 -6.36	56.71 2.31 -27.31	36.10 2.76 0.00	41.59 3.10 0.00	46.02 2.94 0.00	46.99 3.01 0.00	49.54 3.77 0.00	57.76 4.32 0.00	57.72 3.92 0.00	43.77 2.94 0.00	41.99 2.50 0.00	42.80 2.42 0.00	38.15 2.29 -0.30	37.05 2.37 -3.20
GLENWOOD_IC_2_G1 23688	32.01 2.02 0.00	29.44 1.61 0.00	26.13 1.27 0.00	26.91 1.15 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.87 1.54 0.00	30.10 1.81 0.00	32.06 1.99 0.00	31.40 2.26 0.00	35.70 2.23 -6.36	56.59 2.19 -27.31	35.97 2.63 0.00	41.41 2.93 0.00	46.02 2.94 0.00	47.04 3.07 0.00	49.57 3.81 0.00	57.81 4.37 0.00	57.80 3.99 0.00	43.68 2.85 0.00	41.84 2.35 0.00	42.65 2.27 0.00	38.03 2.17 -0.30	36.95 2.27 -3.20
GLENWOOD_IC_3_G1 23689	32.01 2.02 0.00	29.44 1.61 0.00	26.13 1.27 0.00	26.91 1.15 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.87 1.54 0.00	30.10 1.81 0.00	32.06 1.99 0.00	31.40 2.26 0.00	35.70 2.23 -6.36	56.59 2.19 -27.31	35.97 2.63 0.00	41.41 2.93 0.00	46.02 2.94 0.00	47.04 3.07 0.00	49.57 3.81 0.00	57.81 4.37 0.00	57.80 3.99 0.00	43.68 2.85 0.00	41.84 2.35 0.00	42.65 2.27 0.00	38.03 2.17 -0.30	36.95 2.27 -3.20
GLENWOOD___4 23550	32.08 2.09 0.00	29.51 1.69 0.00	26.20 1.34 0.00	26.96 1.20 0.00	27.69 1.27 0.00	29.55 1.45 0.00	27.92 1.60 0.00	30.18 1.89 0.00	32.16 2.09 0.00	31.51 2.37 0.00	35.81 2.35 -6.36	56.71 2.31 -27.31	36.10 2.76 0.00	41.59 3.10 0.00	46.11 3.02 0.00	47.10 3.12 0.00	49.65 3.89 0.00	57.90 4.45 0.00	57.86 4.05 0.00	43.81 2.98 0.00	41.99 2.50 0.00	42.80 2.42 0.00	38.15 2.29 -0.30	37.05 2.37 -3.20
GLENWOOD___5 23614	32.08 2.09 0.00	29.51 1.69 0.00	26.20 1.34 0.00	26.96 1.20 0.00	27.69 1.27 0.00	29.55 1.45 0.00	27.92 1.60 0.00	30.18 1.89 0.00	32.16 2.09 0.00	31.51 2.37 0.00	35.81 2.35 -6.36	56.71 2.31 -27.31	36.10 2.76 0.00	41.59 3.10 0.00	46.11 3.02 0.00	47.10 3.12 0.00	49.65 3.89 0.00	57.90 4.45 0.00	57.86 4.05 0.00	43.81 2.98 0.00	41.99 2.50 0.00	42.80 2.42 0.00	38.15 2.29 -0.30	37.05 2.37 -3.20
GLOBAL GREEN_PORT_GT1 23814	33.05 3.06 0.00	30.37 2.54 0.00	26.94 2.08 0.00	27.64 1.88 0.00	28.36 1.94 0.00	30.28 2.18 0.00	28.69 2.37 0.00	31.03 2.74 0.00	33.09 3.02 0.00	32.57 3.43 0.00	36.91 3.45 -6.36	57.04 2.64 -27.31	36.47 3.13 0.00	42.05 3.56 0.00	46.75 3.67 0.00	47.58 3.61 0.00	50.45 4.69 0.00	58.48 5.03 0.00	58.36 4.55 0.00	43.42 2.59 0.00	43.06 3.57 0.00	44.23 3.85 0.00	39.52 3.65 -0.30	38.19 3.51 -3.20
GLOBE___DSASP 323697	28.85 -1.14 0.00	26.80 -1.03 0.00	23.82 -1.04 0.00	24.61 -1.15 0.00	25.38 -1.05 0.00	26.93 -1.17 0.00	25.10 -1.23 0.00	26.63 -1.66 0.00	28.39 -1.68 0.00	28.06 -1.07 0.00	26.43 -0.68 0.00	26.49 -0.60 0.00	32.91 -0.43 0.00	37.77 -0.72 0.00	42.20 -0.88 0.00	42.85 -1.12 0.00	45.04 -0.72 0.00	52.72 -0.72 0.00	53.26 -0.54 0.00	39.94 -0.89 0.00	38.50 -0.99 0.00	39.47 -0.92 0.00	34.66 -0.90 0.00	30.21 -1.27 0.00
GOETHSLN___LBMP 323567	31.60 1.61 0.00	29.05 1.22 0.00	25.84 0.97 0.00	26.66 0.90 0.00	27.38 0.96 0.00	29.21 1.11 0.00	27.56 1.24 0.00	29.76 1.47 0.00	31.76 1.69 0.00	31.09 1.95 0.00	35.01 1.90 -6.00	56.14 1.98 -27.07	35.76 2.42 0.00	41.11 2.62 0.00	45.74 2.65 0.00	46.81 2.84 0.00	49.33 3.57 0.00	57.47 4.03 0.00	57.44 3.64 0.00	43.19 2.36 0.00	41.43 1.94 0.00	42.21 1.83 0.00	37.32 1.76 0.00	33.27 1.79 0.00
GOLAH___69_KV_TB 1_2 80279	30.09 0.10 0.00	27.82 -0.01 0.00	24.77 -0.09 0.00	25.58 -0.18 0.00	26.31 -0.11 0.00	28.01 -0.09 0.00	26.20 -0.13 0.00	27.94 -0.35 0.00	29.73 -0.34 0.00	29.16 0.02 0.00	27.34 0.23 0.00	27.45 0.36 0.00	34.04 0.70 0.00	39.31 0.82 0.00	44.18 1.10 0.00	45.06 1.08 0.00	47.34 1.58 0.00	55.54 2.10 0.00	56.17 2.37 0.00	42.29 1.45 0.00	40.69 1.20 0.00	41.52 1.14 0.00	36.34 0.78 0.00	31.75 0.28 0.00

GOODYEAR_LAKE_HYD 323669	31.08 1.09 0.00	28.71 0.88 0.00	25.62 0.76 0.00	26.54 0.78 0.00	27.20 0.78 0.00	29.01 0.91 0.00	27.22 0.90 0.00	29.30 1.01 0.00	31.18 1.11 0.00	30.34 1.21 0.00	28.29 1.18 0.00	28.30 1.21 0.00	34.88 1.54 0.00	40.27 1.78 0.00	45.04 1.95 0.00	45.99 2.02 0.00	48.15 2.39 0.00	56.32 2.87 0.00	56.75 2.94 0.00	42.91 2.08 0.00	41.37 1.88 0.00	42.23 1.85 0.00	37.12 1.56 0.00	32.79 1.31 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.18 0.19 0.00	27.90 0.07 0.00	24.90 0.03 0.00	25.77 0.01 0.00	26.45 0.03 0.00	28.15 0.05 0.00	26.42 0.10 0.00	28.32 0.04 0.00	30.13 0.06 0.00	29.41 0.28 0.00	27.42 0.31 0.00	27.52 0.42 0.00	33.92 0.58 0.00	39.22 0.74 0.00	43.94 0.86 0.00	44.78 0.81 0.00	46.94 1.18 0.00	54.97 1.53 0.00	55.34 1.53 0.00	41.69 0.86 0.00	40.20 0.71 0.00	41.08 0.70 0.00	36.07 0.50 0.00	31.84 0.37 0.00
GOUDEY___7 23579	30.21 0.22 0.00	27.93 0.10 0.00	24.91 0.05 0.00	25.79 0.03 0.00	26.47 0.04 0.00	28.16 0.07 0.00	26.44 0.12 0.00	28.35 0.06 0.00	30.16 0.09 0.00	29.43 0.29 0.00	27.44 0.34 0.00	27.54 0.45 0.00	33.96 0.62 0.00	39.27 0.78 0.00	43.99 0.91 0.00	44.83 0.86 0.00	46.99 1.23 0.00	55.04 1.60 0.00	55.41 1.60 0.00	41.74 0.90 0.00	40.24 0.75 0.00	41.13 0.74 0.00	36.10 0.54 0.00	31.88 0.40 0.00
GOUDEY___8 23580	30.18 0.19 0.00	27.90 0.07 0.00	24.90 0.03 0.00	25.77 0.01 0.00	26.45 0.03 0.00	28.15 0.05 0.00	26.42 0.10 0.00	28.32 0.04 0.00	30.13 0.06 0.00	29.41 0.28 0.00	27.42 0.31 0.00	27.52 0.42 0.00	33.92 0.58 0.00	39.22 0.74 0.00	43.94 0.86 0.00	44.78 0.81 0.00	46.94 1.18 0.00	54.97 1.53 0.00	55.34 1.53 0.00	41.69 0.86 0.00	40.20 0.71 0.00	41.08 0.70 0.00	36.07 0.50 0.00	31.84 0.37 0.00
GOWANUS_GT1_1 24077	31.88 1.88 0.00	29.33 1.50 0.00	26.07 1.20 0.00	26.88 1.12 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.83 1.51 0.00	30.00 1.71 0.00	32.02 1.96 0.00	31.37 2.23 0.00	35.31 2.20 -6.00	56.40 2.25 -27.06	36.04 2.71 0.01	41.41 2.92 0.00	46.08 2.99 0.00	47.19 3.22 0.00	49.63 3.87 0.00	57.85 4.40 0.00	57.84 4.04 0.00	43.56 2.73 0.00	41.79 2.30 0.00	42.52 2.14 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT1_2 24078	31.88 1.88 0.00	29.33 1.50 0.00	26.07 1.20 0.00	26.88 1.12 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.83 1.51 0.00	30.00 1.71 0.00	32.02 1.96 0.00	31.37 2.23 0.00	35.31 2.20 -6.00	56.40 2.25 -27.06	36.04 2.71 0.01	41.41 2.92 0.00	46.08 2.99 0.00	47.19 3.22 0.00	49.63 3.87 0.00	57.85 4.40 0.00	57.84 4.04 0.00	43.56 2.73 0.00	41.79 2.30 0.00	42.52 2.14 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT1_3 24079	31.88 1.88 0.00	29.33 1.50 0.00	26.07 1.20 0.00	26.88 1.12 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.83 1.51 0.00	30.00 1.71 0.00	32.02 1.96 0.00	31.37 2.23 0.00	35.31 2.20 -6.00	56.40 2.25 -27.06	36.04 2.71 0.01	41.41 2.92 0.00	46.08 2.99 0.00	47.19 3.22 0.00	49.63 3.87 0.00	57.85 4.40 0.00	57.84 4.04 0.00	43.56 2.73 0.00	41.79 2.30 0.00	42.52 2.14 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT1_4 24080	31.88 1.88 0.00	29.33 1.50 0.00	26.07 1.20 0.00	26.88 1.12 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.83 1.51 0.00	30.00 1.71 0.00	32.02 1.96 0.00	31.37 2.23 0.00	35.31 2.20 -6.00	56.40 2.25 -27.06	36.04 2.71 0.01	41.41 2.92 0.00	46.08 2.99 0.00	47.19 3.22 0.00	49.63 3.87 0.00	57.85 4.40 0.00	57.84 4.04 0.00	43.56 2.73 0.00	41.79 2.30 0.00	42.52 2.14 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT1_5 24084	31.88 1.88 0.00	29.33 1.50 0.00	26.07 1.20 0.00	26.88 1.12 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.83 1.51 0.00	30.00 1.71 0.00	32.02 1.96 0.00	31.37 2.23 0.00	35.31 2.20 -6.00	56.40 2.25 -27.06	36.04 2.71 0.01	41.41 2.92 0.00	46.08 2.99 0.00	47.19 3.22 0.00	49.63 3.87 0.00	57.85 4.40 0.00	57.84 4.04 0.00	43.56 2.73 0.00	41.79 2.30 0.00	42.52 2.14 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT1_6 24111	31.88 1.88 0.00	29.33 1.50 0.00	26.07 1.20 0.00	26.88 1.12 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.83 1.51 0.00	30.00 1.71 0.00	32.02 1.96 0.00	31.37 2.23 0.00	35.31 2.20 -6.00	56.40 2.25 -27.06	36.04 2.71 0.01	41.41 2.92 0.00	46.08 2.99 0.00	47.19 3.22 0.00	49.63 3.87 0.00	57.85 4.40 0.00	57.84 4.04 0.00	43.56 2.73 0.00	41.79 2.30 0.00	42.52 2.14 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT1_7 24112	31.88 1.88 0.00	29.33 1.50 0.00	26.07 1.20 0.00	26.88 1.12 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.83 1.51 0.00	30.00 1.71 0.00	32.02 1.96 0.00	31.37 2.23 0.00	35.31 2.20 -6.00	56.40 2.25 -27.06	36.04 2.71 0.01	41.41 2.92 0.00	46.08 2.99 0.00	47.19 3.22 0.00	49.63 3.87 0.00	57.85 4.40 0.00	57.84 4.04 0.00	43.56 2.73 0.00	41.79 2.30 0.00	42.52 2.14 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT1_8 24113	31.88 1.88 0.00	29.33 1.50 0.00	26.07 1.20 0.00	26.88 1.12 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.83 1.51 0.00	30.00 1.71 0.00	32.02 1.96 0.00	31.37 2.23 0.00	35.31 2.20 -6.00	56.40 2.25 -27.06	36.04 2.71 0.01	41.41 2.92 0.00	46.08 2.99 0.00	47.19 3.22 0.00	49.63 3.87 0.00	57.85 4.40 0.00	57.84 4.04 0.00	43.56 2.73 0.00	41.79 2.30 0.00	42.52 2.14 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT2_1 24114	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT2_2 24115	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT2_3 24116	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00

GOWANUS_GT2_4 24117	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT2_5 24118	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT2_6 24119	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT2_7 24120	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT2_8 24121	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT3_1 24122	31.88 1.88 0.00	29.33 1.50 0.00	26.07 1.20 0.00	26.88 1.12 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.83 1.51 0.00	30.00 1.71 0.00	32.03 1.96 0.00	31.36 2.23 0.00	35.31 2.20 -6.00	56.39 2.25 -27.05	36.04 2.71 0.01	41.41 2.93 0.01	46.07 2.99 0.00	47.19 3.22 0.00	49.63 3.87 0.00	57.85 4.40 0.00	57.84 4.04 0.00	43.56 2.73 0.00	41.78 2.30 0.00	42.52 2.14 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT3_2 24123	31.88 1.88 0.00	29.33 1.50 0.00	26.07 1.20 0.00	26.88 1.12 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.83 1.51 0.00	30.00 1.71 0.00	32.03 1.96 0.00	31.36 2.23 0.00	35.31 2.20 -6.00	56.39 2.25 -27.05	36.04 2.71 0.01	41.41 2.93 0.01	46.07 2.99 0.00	47.19 3.22 0.00	49.63 3.87 0.00	57.85 4.40 0.00	57.84 4.04 0.00	43.56 2.73 0.00	41.78 2.30 0.00	42.52 2.14 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT3_3 24124	31.88 1.88 0.00	29.33 1.50 0.00	26.07 1.20 0.00	26.88 1.12 0.00	27.63 1.21 0.00	29.49 1.39 0.00	27.83 1.51 0.00	30.00 1.71 0.00																

GOWANUS_GT4_3 24132	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.22 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.25 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.88 4.43 0.00	57.89 4.08 0.00	43.59 2.76 0.00	41.82 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT4_4 24133	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.22 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.25 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.88 4.43 0.00	57.89 4.08 0.00	43.59 2.76 0.00	41.82 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT4_5 24134	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.22 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.25 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.88 4.43 0.00	57.89 4.08 0.00	43.59 2.76 0.00	41.82 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT4_6 24135	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.22 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.25 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.88 4.43 0.00	57.89 4.08 0.00	43.59 2.76 0.00	41.82 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT4_7 24136	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.22 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.25 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.88 4.43 0.00	57.89 4.08 0.00	43.59 2.76 0.00	41.82 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GOWANUS_GT4_8 24137	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.22 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.25 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.88 4.43 0.00	57.89 4.08 0.00	43.59 2.76 0.00	41.82 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GREENBSH_115KV_TB3 55895	30.41 0.42 0.00	28.13 0.30 0.00	25.12 0.25 0.00	26.03 0.27 0.00	26.68 0.25 0.00	28.38 0.28 0.00	26.65 0.32 0.00	28.56 0.28 0.00	30.33 0.26 0.00	29.47 0.33 0.00	28.32 0.22 -0.99	31.81 0.24 -4.47	33.51 0.17 0.00	38.73 0.24 0.00	43.36 0.28 0.00	44.21 0.24 0.00	46.24 0.48 0.00	54.06 0.61 0.00	54.33 0.52 0.00	41.25 0.42 0.00	39.72 0.23 0.00	40.57 0.19 0.00	35.73 0.17 0.00	31.85 0.37 0.00
GREENIDGE_115KV_TB5 80291	30.03 0.04 0.00	27.75 -0.08 0.00	24.66 -0.20 0.00	25.49 -0.27 0.00	26.22 -0.21 0.00	27.91 -0.19 0.00	26.24 -0.08 0.00	28.07 -0.21 0.00	29.83 -0.24 0.00	29.20 0.07 0.00	27.28 0.18 0.00	27.42 0.33 0.00	33.92 0.58 0.00	39.09 0.60 0.00	43.90 0.82 0.00	44.77 0.79 0.00	47.17 1.41 0.00	55.51 2.06 0.00	56.16 2.36 0.00	42.16 1.32 0.00	40.62 1.13 0.00	41.42 1.03 0.00	36.27 0.71 0.00	31.82 0.34 0.00
GREENIDGE___3 23582	30.03 0.04 0.00	27.75 -0.08 0.00	24.66 -0.20 0.00	25.49 -0.27 0.00	26.22 -0.21 0.00	27.91 -0.19 0.00	26.24 -0.08 0.00	28.07 -0.21 0.00	29.83 -0.24 0.00	29.20 0.07 0.00	27.28 0.18 0.00	27.42 0.33 0.00	33.92 0.58 0.00	39.09 0.60 0.00	43.90 0.82 0.00	44.77 0.79 0.00	47.17 1.41 0.00	55.51 2.06 0.00	56.16 2.36 0.00	42.16 1.32 0.00	40.62 1.13 0.00	41.42 1.03 0.00	36.27 0.71 0.00	31.82 0.34 0.00
GREENIDGE___4 23583	30.03 0.04 0.00	27.75 -0.08 0.00	24.66 -0.20 0.00	25.49 -0.27 0.00	26.21 -0.21 0.00	27.91 -0.19 0.00	26.24 -0.08 0.00	28.07 -0.21 0.00	29.83 -0.24 0.00	29.20 0.07 0.00	27.28 0.17 0.00	27.42 0.33 0.00	33.92 0.58 0.00	39.08 0.60 0.00	43.90 0.81 0.00	44.77 0.79 0.00	47.17 1.41 0.00	55.50 2.06 0.00	56.16 2.36 0.00	42.15 1.32 0.00	40.62 1.13 0.00	41.42 1.03 0.00	36.27 0.70 0.00	31.82 0.35 0.00
GREENLWN_69_KV_BK 3 55738	31.89 1.90 0.00	29.40 1.57 0.00	26.10 1.24 0.00	26.84 1.07 0.00	27.56 1.13 0.00	29.43 1.33 0.00	27.81 1.49 0.00	30.03 1.75 0.00	31.87 1.80 0.00	31.22 2.09 0.00	35.58 2.11 -6.36	56.23 1.83 -27.31	35.37 2.04 0.00	40.72 2.23 0.00	45.31 2.23 0.00	46.34 2.37 0.00	48.89 3.12 0.00	56.98 3.54 0.00	56.95 3.14 0.00	43.04 2.20 0.00	41.18 1.69 0.00	41.99 1.61 0.00	37.58 1.72 -0.30	36.79 2.12 -3.20
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.22 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.25 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.88 4.43 0.00	57.89 4.08 0.00	43.59 2.76 0.00	41.82 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
GRISSOM___SOLAR 323813	32.73 2.74 0.00	30.28 2.45 0.00	27.00 2.14 0.00	27.98 2.22 0.00	28.77 2.34 0.00	30.72 2.62 0.00	28.85 2.53 0.00	30.62 2.33 0.00	31.71 1.65 0.00	30.00 0.87 0.00	27.30 0.19 0.00	26.53 -0.57 0.00	33.33 -0.01 0.00	38.64 0.16 0.00	43.63 0.54 0.00	46.69 2.72 0.00	49.11 3.35 0.00	58.54 5.09 0.00	59.51 5.71 0.00	46.26 5.42 0.00	44.72 5.23 0.00	45.52 5.13 0.00	39.93 4.37 0.00	35.02 3.54 0.00
GROVEVILLE___HYD 323602	31.68 1.69 0.00	29.16 1.33 0.00	25.91 1.05 0.00	26.78 1.02 0.00	27.48 1.06 0.00	29.31 1.21 0.00	27.63 1.30 0.00	29.80 1.51 0.00	31.76 1.69 0.00	31.02 1.88 0.00	28.91 1.80 0.00	28.95 1.86 0.00	35.59 2.25 0.00	41.09 2.60 0.00	45.96 2.88 0.00	47.01 3.04 0.00	49.42 3.66 0.00	57.75 4.31 0.00	57.83 4.03 0.00	43.56 2.72 0.00	41.76 2.27 0.00	42.51 2.12 0.00	37.42 1.86 0.00	33.30 1.82 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.10 0.11 0.00	27.86 0.03 0.00	24.83 -0.03 0.00	25.73 -0.03 0.00	26.40 -0.03 0.00	28.11 0.01 0.00	26.33 0.00 0.00	28.19 -0.10 0.00	29.92 -0.15 0.00	29.11 -0.02 0.00	27.15 0.04 0.00	27.22 0.13 0.00	33.61 0.27 0.00	38.86 0.37 0.00	43.58 0.49 0.00	44.51 0.54 0.00	46.60 0.84 0.00	54.58 1.13 0.00	55.01 1.20 0.00	41.55 0.72 0.00	40.07 0.58 0.00	40.89 0.51 0.00	35.88 0.31 0.00	31.69 0.21 0.00

HAMLTNNY_34_KV_TB 80303	30.05 0.06 0.00	27.81 -0.02 0.00	24.81 -0.05 0.00	25.67 -0.09 0.00	26.35 -0.07 0.00	28.06 -0.04 0.00	26.30 -0.03 0.00	28.15 -0.13 0.00	29.88 -0.19 0.00	29.07 -0.06 0.00	27.10 -0.01 0.00	27.17 0.08 0.00	33.56 0.22 0.00	38.81 0.32 0.00	43.53 0.44 0.00	44.50 0.53 0.00	46.61 0.85 0.00	54.61 1.16 0.00	55.08 1.27 0.00	41.58 0.74 0.00	40.09 0.60 0.00	40.92 0.54 0.00	35.86 0.30 0.00	31.67 0.20 0.00
HAMPSHIRE___PAPER_HYD 323593	28.64 -1.35 0.00	26.72 -1.11 0.00	24.00 -0.86 0.00	25.08 -0.68 0.00	25.74 -0.69 0.00	27.18 -0.92 0.00	25.47 -0.85 0.00	27.66 -0.63 0.00	29.36 -0.71 0.00	28.32 -0.81 0.00	26.27 -0.84 0.00	26.14 -0.95 0.00	32.09 -1.24 0.00	36.97 -1.52 0.00	41.31 -1.77 0.00	42.26 -1.71 0.00	43.88 -1.88 0.00	51.45 -2.00 0.00	52.44 -1.36 0.00	40.09 -0.74 0.00	38.76 -0.73 0.00	39.63 -0.75 0.00	34.93 -0.63 0.00	30.66 -0.82 0.00
HARDSCRABBLE_WT_PWR 323673	30.22 0.23 0.00	27.88 0.05 0.00	24.80 -0.06 0.00	25.64 -0.12 0.00	26.33 -0.09 0.00	28.07 -0.04 0.00	26.36 0.04 0.00	28.18 -0.11 0.00	29.70 -0.36 0.00	28.81 -0.32 0.00	26.62 -0.48 0.00	26.62 -0.48 0.00	32.66 -0.68 0.00	37.77 -0.72 0.00	42.31 -0.78 0.00	43.23 -0.75 0.00	45.23 -0.53 0.00	53.32 -0.12 0.00	54.00 0.20 0.00	41.08 0.25 0.00	39.54 0.05 0.00	40.34 -0.05 0.00	35.57 0.01 0.00	31.75 0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.48 1.49 0.00	28.96 1.13 0.00	25.74 0.88 0.00	26.59 0.83 0.00	27.31 0.88 0.00	29.13 1.03 0.00	27.45 1.13 0.00	29.62 1.33 0.00	31.58 1.51 0.00	30.86 1.73 0.00	22.11 1.68 6.67	-1.25 1.75 30.09	35.47 2.13 0.00	40.90 2.41 0.00	45.70 2.61 0.00	46.79 2.81 0.00	49.17 3.41 0.00	57.45 4.01 0.00	57.50 3.69 0.00	43.26 2.43 0.00	41.43 1.94 0.00	42.20 1.81 0.00	37.16 1.60 0.00	33.07 1.60 0.00
HARSNRAD_115KV_TB1 81005	29.29 -0.69 0.00	27.19 -0.64 0.00	24.16 -0.70 0.00	24.95 -0.82 0.00	25.72 -0.70 0.00	27.35 -0.75 0.00	25.51 -0.81 0.00	27.07 -1.22 0.00	28.86 -1.21 0.00	28.53 -0.61 0.00	26.84 -0.26 0.00	26.93 -0.16 0.00	33.46 0.12 0.00	38.50 0.01 0.00	43.27 0.18 0.00	43.96 -0.02 0.00	46.24 0.48 0.00	54.19 0.74 0.00	54.79 0.99 0.00	41.08 0.25 0.00	39.56 0.07 0.00	40.51 0.13 0.00	35.53 -0.03 0.00	30.91 -0.56 0.00
HARZA MOOSE___RIVER 24016	29.84 -0.15 0.00	27.70 -0.13 0.00	24.83 -0.03 0.00	25.95 0.19 0.00	26.62 0.19 0.00	28.15 0.05 0.00	26.43 0.10 0.00	28.52 0.24 0.00	30.28 0.21 0.00	29.36 0.23 0.00	27.27 0.16 0.00	27.22 0.13 0.00	33.40 0.07 0.00	38.54 0.06 0.00	43.10 0.02 0.00	44.06 0.09 0.00	46.14 0.38 0.00	54.17 0.72 0.00	54.85 1.05 0.00	41.58 0.75 0.00	40.15 0.66 0.00	41.02 0.63 0.00	36.03 0.46 0.00	31.70 0.22 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.84 -0.15 0.00	27.61 -0.22 0.00	24.63 -0.23 0.00	25.50 -0.26 0.00	26.16 -0.26 0.00	27.85 -0.25 0.00	26.09 -0.23 0.00	27.93 -0.35 0.00	29.68 -0.39 0.00	28.89 -0.24 0.00	26.94 -0.16 0.00	27.01 -0.08 0.00	33.34 0.00 0.00	38.56 0.08 0.00	43.19 0.11 0.00	44.08 0.10 0.00	46.13 0.37 0.00	53.99 0.55 0.00	54.37 0.57 0.00	41.11 0.28 0.00	39.63 0.14 0.00	40.47 0.08 0.00	35.54 -0.02 0.00	31.38 -0.09 0.00
HELLGATE_13_KV_LD 55870	31.77 1.78 0.00	29.23 1.40 0.00	25.97 1.11 0.00	26.78 1.02 0.00	27.52 1.10 0.00	29.37 1.27 0.00	27.73 1.41 0.00	29.91 1.63 0.00	31.90 1.83 0.00	31.25 2.11 0.00	35.21 2.10 -6.00	56.29 2.14 -27.06	35.92 2.59 0.00	41.29 2.80 0.00	45.92 2.83 0.00	47.01 3.04 0.00	49.43 3.67 0.00	57.64 4.20 0.00	57.62 3.81 0.00	43.36 2.53 0.00	41.59 2.10 0.00	42.35 1.97 0.00	37.43 1.87 0.00	33.43 1.96 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.77 1.78 0.00	29.23 1.40 0.00	25.97 1.11 0.00	26.78 1.02 0.00	27.52 1.10 0.00	29.37 1.27 0.00	27.73 1.41 0.00	29.91 1.63 0.00	31.90 1.83 0.00	31.25 2.11 0.00	35.21 2.10 -6.00	56.29 2.14 -27.06	35.92 2.59 0.00	41.29 2.80 0.00	45.92 2.83 0.00	47.01 3.04 0.00	49.43 3.67 0.00	57.64 4.20 0.00	57.62 3.81 0.00	43.36 2.53 0.00	41.59 2.10 0.00	42.35 1.97 0.00	37.43 1.87 0.00	33.43 1.96 0.00
HEMPSTEAD____ 23647	31.91 1.92 0.00	29.36 1.53 0.00	26.06 1.20 0.00	26.82 1.06 0.00	27.54 1.11 0.00	29.40 1.30 0.00	27.79 1.46 0.00	30.01 1.73 0.00	31.97 1.90 0.00	31.31 2.18 0.00	35.65 2.19 -6.36	56.52 2.12 -27.31	35.83 2.50 0.00	41.25 2.76 0.00	45.82 2.73 0.00	46.79 2.81 0.00	49.34 3.58 0.00	57.52 4.08 0.00	57.51 3.70 0.00	43.50 2.67 0.00	41.67 2.18 0.00	42.50 2.12 0.00	37.91 2.04 -0.30	36.86 2.18 -3.20
HEWLETT_69_KV_BK3 55828	32.23 2.25 0.00	29.64 1.81 0.00	26.30 1.44 0.00	27.09 1.33 0.00	27.81 1.39 0.00	29.68 1.58 0.00	28.03 1.70 0.00	30.27 1.98 0.00	32.23 2.16 0.00	31.58 2.45 0.00	35.93 2.47 -6.36	56.84 2.45 -27.31	36.25 2.91 0.00	41.72 3.23 0.00	46.42 3.34 0.00	47.48 3.51 0.00	50.06 4.30 0.00	58.33 4.88 0.00	58.35 4.55 0.00	44.05 3.22 0.00	42.21 2.72 0.00	43.04 2.66 0.00	38.36 2.49 -0.30	37.22 2.55 -3.20
HICKLING___1 23621	29.48 -0.51 0.00	27.22 -0.60 0.00	24.25 -0.61 0.00	25.06 -0.70 0.00	25.78 -0.65 0.00	27.39 -0.71 0.00	25.81 -0.52 0.00	27.58 -0.71 0.00	29.34 -0.73 0.00	28.89 -0.24 0.00	27.06 -0.05 0.00	27.36 0.27 0.00	33.87 0.54 0.00	39.25 0.76 0.00	44.14 1.06 0.00	44.80 0.82 0.00	47.21 1.45 0.00	55.46 2.01 0.00	55.91 2.10 0.00	41.56 0.73 0.00	40.08 0.59 0.00	41.00 0.62 0.00	35.82 0.26 0.00	31.35 -0.13 0.00
HICKLING___2 23622	29.48 -0.51 0.00	27.22 -0.60 0.00	24.25 -0.61 0.00	25.06 -0.70 0.00	25.78 -0.65 0.00	27.39 -0.71 0.00	25.81 -0.52 0.00	27.58 -0.71 0.00	29.34 -0.73 0.00	28.89 -0.24 0.00	27.06 -0.05 0.00	27.36 0.27 0.00	33.87 0.54 0.00	39.25 0.76 0.00	44.14 1.06 0.00	44.80 0.82 0.00	47.21 1.45 0.00	55.46 2.01 0.00	55.91 2.10 0.00	41.56 0.73 0.00	40.08 0.59 0.00	41.00 0.62 0.00	35.82 0.26 0.00	31.35 -0.13 0.00
HIGH FALLS___HY 23754	31.69 1.70 0.00	29.14 1.31 0.00	25.88 1.02 0.00	26.72 0.96 0.00	27.42 1.00 0.00	29.26 1.16 0.00	27.58 1.26 0.00	29.80 1.51 0.00	31.79 1.72 0.00	31.05 1.92 0.00	28.96 1.85 0.00	29.00 1.91 0.00	35.67 2.34 0.00	41.19 2.70 0.00	46.19 3.11 0.00	47.29 3.32 0.00	49.81 4.05 0.00	58.21 4.76 0.00	57.85 4.05 0.00	43.53 2.69 0.00	41.68 2.19 0.00	42.41 2.03 0.00	37.30 1.74 0.00	33.13 1.66 0.00
HIGH_RIVER___SOLAR 323847	31.12 1.14 0.00	28.80 0.98 0.00	25.70 0.84 0.00	26.64 0.88 0.00	27.32 0.90 0.00	29.10 0.99 0.00	27.30 0.98 0.00	29.22 0.93 0.00	30.83 0.76 0.00	29.67 0.54 0.00	27.38 0.28 0.00	27.30 0.21 0.00	33.59 0.25 0.00	38.81 0.32 0.00	43.47 0.38 0.00	44.74 0.76 0.00	47.15 1.39 0.00	55.05 1.60 0.00	55.90 2.10 0.00	42.61 1.78 0.00	41.18 1.69 0.00	42.07 1.69 0.00	37.02 1.46 0.00	32.79 1.32 0.00

HILLBURN___GT 23639	31.43 1.45 0.00	28.91 1.08 0.00	25.69 0.82 0.00	26.52 0.77 0.00	27.24 0.82 0.00	29.07 0.97 0.00	27.41 1.08 0.00	29.58 1.29 0.00	31.54 1.47 0.00	30.84 1.70 0.00	20.97 1.65 7.79	-6.31 1.72 35.12	35.40 2.06 0.00	40.75 2.27 0.00	45.44 2.36 0.00	46.53 2.56 0.00	48.97 3.20 0.00	57.16 3.72 0.00	57.18 3.38 0.00	42.99 2.16 0.00	41.16 1.67 0.00	41.94 1.56 0.00	36.98 1.42 0.00	32.96 1.49 0.00
HILLSIDE_115KV_TB1 80332	28.92 -1.07 0.00	26.73 -1.10 0.00	23.81 -1.05 0.00	24.62 -1.14 0.00	25.30 -1.12 0.00	26.87 -1.23 0.00	25.32 -1.00 0.00	27.08 -1.21 0.00	28.80 -1.28 0.00	28.38 -0.75 0.00	26.60 -0.51 0.00	26.92 -0.17 0.00	33.30 -0.03 0.00	38.63 0.14 0.00	43.41 0.33 0.00	44.02 0.04 0.00	46.32 0.56 0.00	54.42 0.97 0.00	54.78 0.97 0.00	40.62 -0.21 0.00	39.22 -0.27 0.00	40.17 -0.21 0.00	35.12 -0.45 0.00	30.78 -0.70 0.00
HISHELDN_WT_PWR 323625	29.45 -0.54 0.00	27.29 -0.54 0.00	24.25 -0.61 0.00	25.05 -0.70 0.00	25.80 -0.62 0.00	27.43 -0.67 0.00	25.66 -0.67 0.00	27.32 -0.97 0.00	29.10 -0.96 0.00	28.74 -0.39 0.00	27.03 -0.07 0.00	27.18 0.08 0.00	33.74 0.40 0.00	38.91 0.42 0.00	43.72 0.64 0.00	44.40 0.43 0.00	46.74 0.98 0.00	54.74 1.30 0.00	55.28 1.48 0.00	41.33 0.49 0.00	39.82 0.33 0.00	40.75 0.37 0.00	35.70 0.14 0.00	31.13 -0.34 0.00
HOLTSVILLE_IC_1 23690	31.87 1.88 0.00	29.34 1.51 0.00	26.05 1.19 0.00	26.77 1.01 0.00	27.48 1.06 0.00	29.33 1.23 0.00	27.75 1.42 0.00	29.97 1.68 0.00	31.80 1.73 0.00	31.15 2.02 0.00	35.52 2.06 -6.36	56.23 1.83 -27.31	35.50 2.16 0.00	40.77 2.28 0.00	45.29 2.21 0.00	46.21 2.24 0.00	48.87 3.11 0.00	56.94 3.49 0.00	56.94 3.14 0.00	43.10 2.26 0.00	41.32 1.83 0.00	42.13 1.74 0.00	37.67 1.81 -0.30	36.76 2.08 -3.20
HOLTSVILLE_IC_10 23699	32.02 2.03 0.00	29.47 1.65 0.00	26.16 1.30 0.00	26.88 1.12 0.00	27.58 1.16 0.00	29.44 1.34 0.00	27.86 1.54 0.00	30.10 1.81 0.00	31.93 1.86 0.00	31.29 2.15 0.00	35.67 2.20 -6.36	56.40 2.00 -27.31	35.74 2.41 0.00	41.08 2.60 0.00	45.68 2.60 0.00	46.62 2.64 0.00	49.35 3.59 0.00	57.48 4.04 0.00	57.47 3.66 0.00	43.47 2.64 0.00	41.68 2.19 0.00	42.45 2.07 0.00	37.93 2.07 -0.30	36.98 2.30 -3.20
HOLTSVILLE_IC_2 23691	31.87 1.88 0.00	29.34 1.51 0.00	26.05 1.19 0.00	26.77 1.01 0.00	27.48 1.06 0.00	29.33 1.23 0.00	27.75 1.42 0.00	29.97 1.68 0.00	31.80 1.73 0.00	31.15 2.02 0.00	35.52 2.06 -6.36	56.23 1.83 -27.31	35.50 2.16 0.00	40.77 2.28 0.00	45.29 2.21 0.00	46.21 2.24 0.00	48.87 3.11 0.00	56.94 3.49 0.00	56.94 3.14 0.00	43.10 2.26 0.00	41.32 1.83 0.00	42.13 1.74 0.00	37.67 1.81 -0.30	36.76 2.08 -3.20
HOLTSVILLE_IC_3 23692	31.87 1.88 0.00	29.34 1.51 0.00	26.05 1.19 0.00	26.77 1.01 0.00	27.48 1.06 0.00	29.33 1.23 0.00	27.75 1.42 0.00	29.97 1.68 0.00	31.80 1.73 0.00	31.15 2.02 0.00	35.52 2.06 -6.36	56.23 1.83 -27.31	35.50 2.16 0.00	40.77 2.28 0.00	45.29 2.21 0.00	46.21 2.24 0.00	48.87 3.11 0.00	56.94 3.49 0.00	56.94 3.14 0.00	43.10 2.26 0.00	41.32 1.83 0.00	42.13 1.74 0.00	37.67 1.81 -0.30	36.76 2.08 -3.20
HOLTSVILLE_IC_4 23693	31.87 1.88 0.00	29.34 1.51 0.00	26.05 1.19 0.00	26.77 1.01 0.00	27.48 1.06 0.00	29.33 1.23 0.00	27.75 1.42 0.00	29.97 1.68 0.00	31.80 1.73 0.00	31.15 2.02 0.00	35.52 2.06 -6.36	56.23 1.83 -27.31	35.50 2.16 0.00	40.77 2.28 0.00	45.29 2.21 0.00	46.21 2.24 0.00	48.87 3.11 0.00	56.94 3.49 0.00	56.94 3.14 0.00	43.10 2.26 0.00	41.32 1.83 0.00	42.13 1.74 0.00	37.67 1.81 -0.30	36.76 2.08 -3.20
HOLTSVILLE_IC_5 23694	31.87 1.88 0.00	29.34 1.51 0.00	26.05 1.19 0.00	26.77 1.01 0.00	27.48 1.06 0.00	29.33 1.23 0.00	27.75 1.42 0.00	29.97 1.68 0.00	31.80 1.73 0.00	31.15 2.02 0.00	35.52 2.06 -6.36	56.23 1.83 -27.31	35.50 2.16 0.00	40.77 2.28 0.00	45.29 2.21 0.00	46.21 2.24 0.00	48.87 3.11 0.00	56.94 3.49 0.00	56.94 3.14 0.00	43.10 2.26 0.00	41.32 1.83 0.00	42.13 1.74 0.00	37.67 1.81 -0.30	36.76 2.08 -3.20
HOLTSVILLE_IC_6 23695	32.02 2.03 0.00	29.47 1.65 0.00	26.16 1.30 0.00	26.88 1.12 0.00	27.58 1.16 0.00	29.44 1.34 0.00	27.86 1.54 0.00	30.10 1.81 0.00	31.93 1.86 0.00	31.29 2.15 0.00	35.67 2.20 -6.36	56.40 2.00 -27.31	35.74 2.41 0.00	41.08 2.60 0.00	45.68 2.60 0.00	46.62 2.64 0.00	49.35 3.59 0.00	57.48 4.04 0.00	57.47 3.66 0.00	43.47 2.64 0.00	41.68 2.19 0.00	42.45 2.07 0.00	37.93 2.07 -0.30	36.98 2.30 -3.20
HOLTSVILLE_IC_7 23696	32.02 2.03 0.00	29.47 1.65 0.00	26.16 1.30 0.00	26.88 1.12 0.00	27.58 1.16 0.00	29.44 1.34 0.00	27.86 1.54 0.00	30.10 1.81 0.00	31.93 1.86 0.00	31.29 2.15 0.00	35.67 2.20 -6.36	56.40 2.00 -27.31	35.74 2.41 0.00	41.08 2.60 0.00	45.68 2.60 0.00	46.62 2.64 0.00	49.35 3.59 0.00	57.48 4.04 0.00	57.47 3.66 0.00	43.47 2.64 0.00	41.68 2.19 0.00	42.45 2.07 0.00	37.93 2.07 -0.30	36.98 2.30 -3.20
HOLTSVILLE_IC_8 23697	32.02 2.03 0.00	29.47 1.65 0.00	26.16 1.30 0.00	26.88 1.12 0.00	27.58 1.16 0.00	29.44 1.34 0.00	27.86 1.54 0.00	30.10 1.81 0.00	31.93 1.86 0.00	31.29 2.15 0.00	35.67 2.20 -6.36	56.40 2.00 -27.31	35.74 2.41 0.00	41.08 2.60 0.00	45.68 2.60 0.00	46.62 2.64 0.00	49.35 3.59 0.00	57.48 4.04 0.00	57.47 3.66 0.00	43.47 2.64 0.00	41.68 2.19 0.00	42.45 2.07 0.00	37.93 2.07 -0.30	36.98 2.30 -3.20
HOLTSVILLE_IC_9 23698	32.02 2.03 0.00	29.47 1.65 0.00	26.16 1.30 0.00	26.88 1.12 0.00	27.58 1.16 0.00	29.44 1.34 0.00	27.86 1.54 0.00	30.10 1.81 0.00	31.93 1.86 0.00	31.29 2.15 0.00	35.67 2.20 -6.36	56.40 2.00 -27.31	35.74 2.41 0.00	41.08 2.60 0.00	45.68 2.60 0.00	46.62 2.64 0.00	49.35 3.59 0.00	57.48 4.04 0.00	57.47 3.66 0.00	43.47 2.64 0.00	41.68 2.19 0.00	42.45 2.07 0.00	37.93 2.07 -0.30	36.98 2.30 -3.20
HOMER_HL_115KV_TB2 355744	29.68 -0.31 0.00	27.45 -0.38 0.00	24.43 -0.44 0.00	25.26 -0.50 0.00	26.07 -0.35 0.00	27.69 -0.41 0.00	25.97 -0.36 0.00	27.75 -0.54 0.00	29.60 -0.47 0.00	29.31 0.18 0.00	27.42 0.31 0.00	27.64 0.55 0.00	34.15 0.81 0.00	39.49 1.01 0.00	44.33 1.24 0.00	44.96 0.98 0.00	47.40 1.64 0.00	55.58 2.14 0.00	56.05 2.24 0.00	41.64 0.80 0.00	40.09 0.60 0.00	41.11 0.72 0.00	35.96 0.40 0.00	31.52 0.05 0.00
HOWARD_WT_PWR 323690	31.21 1.22 0.00	28.75 0.92 0.00	25.54 0.68 0.00	26.37 0.61 0.00	27.17 0.75 0.00	28.95 0.85 0.00	27.26 0.93 0.00	29.17 0.88 0.00	31.01 0.94 0.00	30.50 1.37 0.00	28.50 1.40 0.00	28.71 1.62 0.00	35.50 2.16 0.00	41.04 2.55 0.00	46.12 3.04 0.00	46.79 2.82 0.00	49.51 3.76 0.00	58.33 4.88 0.00	59.14 5.33 0.00	44.33 3.50 0.00	42.73 3.24 0.00	43.52 3.14 0.00	37.84 2.27 0.00	33.15 1.68 0.00

HQ_GEN_CEDARS 23644	29.52 -0.47 0.00	27.60 -0.23 0.00	24.72 -0.15 0.00	25.66 -0.10 0.00	26.33 -0.09 0.00	27.93 -0.17 0.00	26.10 -0.22 0.00	28.22 -0.06 0.00	30.08 0.01 0.00	28.94 -0.19 0.00	26.91 -0.20 0.00	26.77 -0.32 0.00	32.95 -0.39 0.00	37.96 -0.52 0.00	42.53 -0.55 0.00	43.41 -0.56 0.00	44.58 -1.18 0.00	51.63 -1.81 0.00	52.28 -1.53 0.00	40.40 -0.43 0.00	39.32 -0.17 0.00	40.27 -0.11 0.00	35.57 0.01 0.00	31.21 -0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	29.52 -0.47 0.00	27.60 -0.23 0.00	24.72 -0.15 0.00	25.66 -0.10 0.00	26.34 -0.09 0.00	27.93 -0.18 0.00	26.10 -0.22 0.00	28.22 -0.06 0.00	30.08 0.01 0.00	28.94 -0.19 0.00	26.91 -0.20 0.00	26.77 -0.32 0.00	32.95 -0.38 0.00	37.96 -0.52 0.00	42.53 -0.55 0.00	43.41 -0.56 0.00	44.58 -1.18 0.00	51.63 -1.81 0.00	25.81 -1.53 26.46	40.40 -0.43 0.00	39.32 -0.17 0.00	40.27 -0.11 0.00	35.57 0.01 0.00	31.21 -0.26 0.00
HQ_GEN_IMPORT 323601	29.69 -0.30 0.00	27.70 -0.13 0.00	24.79 -0.07 0.00	25.71 -0.05 0.00	26.38 -0.04 0.00	28.01 -0.09 0.00	26.20 -0.13 0.00	28.25 -0.04 0.00	30.06 -0.01 0.00	28.95 -0.18 0.00	26.93 -0.18 0.00	26.84 -0.25 0.00	33.03 -0.31 0.00	38.09 -0.39 0.00	42.67 -0.42 0.00	43.54 -0.42 0.00	44.48 -0.83 0.45	52.36 -1.08 0.00	52.82 -0.98 0.00	40.26 -0.58 0.00	39.16 -0.33 0.00	40.12 -0.26 0.00	35.39 -0.17 0.00	31.18 -0.30 0.00
HQ_GEN_WHEEL 23651	29.69 -0.30 0.00	27.70 -0.13 0.00	24.79 -0.07 0.00	25.71 -0.05 0.00	26.38 -0.04 0.00	28.01 -0.09 0.00	26.20 -0.13 0.00	28.25 -0.04 0.00	30.06 -0.01 0.00	28.95 -0.18 0.00	26.93 -0.18 0.00	26.84 -0.25 0.00	33.03 -0.31 0.00	38.09 -0.39 0.00	42.67 -0.42 0.00	43.54 -0.42 0.00	44.48 -0.83 0.45	52.36 -1.08 0.00	52.82 -0.98 0.00	40.26 -0.58 0.00	39.16 -0.33 0.00	40.12 -0.26 0.00	35.39 -0.17 0.00	31.18 -0.30 0.00
HUDSON AVE_GT_3 23810	31.79 1.80 0.00	29.23 1.40 0.00	25.98 1.12 0.00	26.80 1.05 0.00	27.54 1.12 0.00	29.39 1.29 0.00	27.75 1.42 0.00	29.95 1.66 0.00	31.98 1.91 0.00	31.32 2.18 0.00	35.23 2.12 -6.00	56.36 2.20 -27.07	36.00 2.67 0.00	41.42 2.93 0.00	46.11 3.03 0.00	47.21 3.23 0.00	49.70 3.94 0.00	57.94 4.50 0.00	57.90 4.09 0.00	43.55 2.71 0.00	41.74 2.25 0.00	42.53 2.15 0.00	37.56 1.99 0.00	33.49 2.01 0.00
HUDSON AVE_GT_4 23540	31.79 1.80 0.00	29.23 1.40 0.00	25.98 1.12 0.00	26.80 1.05 0.00	27.54 1.12 0.00	29.39 1.29 0.00	27.75 1.42 0.00	29.95 1.66 0.00	31.98 1.91 0.00	31.32 2.18 0.00	35.23 2.12 -6.00	56.36 2.20 -27.07	36.00 2.67 0.00	41.42 2.93 0.00	46.11 3.03 0.00	47.21 3.23 0.00	49.70 3.94 0.00	57.94 4.50 0.00	57.90 4.09 0.00	43.55 2.71 0.00	41.74 2.25 0.00	42.53 2.15 0.00	37.56 1.99 0.00	33.49 2.01 0.00
HUDSON AVE_GT_5 23657	31.79 1.80 0.00	29.23 1.40 0.00	25.98 1.12 0.00	26.80 1.05 0.00	27.54 1.12 0.00	29.39 1.29 0.00	27.75 1.42 0.00	29.95 1.66 0.00	31.98 1.91 0.00	31.32 2.18 0.00	35.23 2.12 -6.00	56.36 2.20 -27.07	36.00 2.67 0.00	41.42 2.93 0.00	46.11 3.03 0.00	47.21 3.23 0.00	49.70 3.94 0.00	57.94 4.50 0.00	57.90 4.09 0.00	43.55 2.71 0.00	41.74 2.25 0.00	42.53 2.15 0.00	37.56 1.99 0.00	33.49 2.01 0.00
HUDSON_AVE_10 24168	31.67 1.68 0.00	29.11 1.29 0.00	25.86 1.00 0.00	26.69 0.93 0.00	27.45 1.03 0.00	29.33 1.23 0.00	27.68 1.36 0.00	29.87 1.58 0.00	31.86 1.79 0.00	31.20 2.07 0.00	35.11 2.00 -6.00	56.24 2.08 -27.07	35.86 2.52 0.00	41.27 2.78 0.00	45.97 2.88 0.00	47.08 3.10 0.00	49.57 3.81 0.00	57.78 4.34 0.00	57.75 3.95 0.00	43.40 2.56 0.00	41.63 2.15 0.00	42.41 2.03 0.00	37.45 1.89 0.00	33.37 1.89 0.00
HUDSON___115KV_TB 4 355613	31.05 1.06 0.00	28.72 0.89 0.00	25.64 0.78 0.00	26.58 0.82 0.00	27.24 0.81 0.00	29.00 0.90 0.00	27.23 0.91 0.00	29.18 0.89 0.00	30.91 0.84 0.00	29.92 0.79 0.00	28.48 0.53 -0.84	31.39 0.53 -3.77	33.88 0.54 0.00	39.19 0.70 0.00	43.97 0.89 0.00	44.96 0.98 0.00	47.17 1.41 0.00	55.43 1.99 0.00	56.01 2.20 0.00	42.62 1.78 0.00	41.08 1.59 0.00	41.88 1.49 0.00	36.78 1.22 0.00	32.67 1.20 0.00
HUNTER MOUNT___DRP 323613	31.18 1.19 0.00	28.86 1.03 0.00	25.78 0.91 0.00	26.73 0.97 0.00	27.39 0.96 0.00	29.16 1.06 0.00	27.37 1.05 0.00	29.29 1.01 0.00	31.02 0.94 0.00	29.97 0.84 0.00	27.62 0.51 0.00	27.59 0.49 0.00	33.82 0.48 0.00	39.18 0.69 0.00	44.02 0.94 0.00	45.02 1.04 0.00	47.28 1.52 0.00	55.60 2.15 0.00	56.29 2.49 0.00	42.90 2.07 0.00	41.42 1.93 0.00	42.22 1.83 0.00	37.04 1.47 0.00	32.86 1.39 0.00
HUNTINGTON_RES_REC 323705	32.01 2.02 0.00	29.49 1.66 0.00	26.16 1.30 0.00	26.90 1.14 0.00	27.61 1.19 0.00	29.48 1.38 0.00	27.88 1.56 0.00	30.12 1.83 0.00	31.93 1.86 0.00	31.28 2.15 0.00	35.65 2.19 -6.36	56.34 1.94 -27.31	35.61 2.27 0.00	40.98 2.49 0.00	45.61 2.53 0.00	46.60 2.62 0.00	49.28 3.52 0.00	57.42 3.98 0.00	57.39 3.59 0.00	43.39 2.56 0.00	41.54 2.05 0.00	42.31 1.93 0.00	37.82 1.96 -0.30	36.95 2.27 -3.20
HUNTLEY___63 23557	29.55 -0.44 0.00	27.39 -0.44 0.00	24.35 -0.51 0.00	25.12 -0.64 0.00	25.89 -0.53 0.00	27.51 -0.59 0.00	25.68 -0.64 0.00	27.30 -0.99 0.00	29.12 -0.95 0.00	28.79 -0.33 0.00	27.13 0.02 0.00	27.26 0.17 0.00	33.84 0.50 0.00	38.98 0.50 0.00	43.72 0.64 0.00	44.45 0.47 0.00	46.74 0.98 0.00	54.78 1.33 0.00	55.33 1.52 0.00	41.45 0.62 0.00	39.87 0.38 0.00	40.82 0.44 0.00	35.78 0.21 0.00	31.11 -0.36 0.00
HUNTLEY___64 23558	29.55 -0.44 0.00	27.39 -0.44 0.00	24.35 -0.51 0.00	25.12 -0.64 0.00	25.89 -0.53 0.00	27.51 -0.59 0.00	25.68 -0.64 0.00	27.30 -0.99 0.00	29.12 -0.95 0.00	28.79 -0.33 0.00	27.13 0.02 0.00	27.26 0.17 0.00	33.84 0.50 0.00	38.98 0.50 0.00	43.72 0.64 0.00	44.45 0.47 0.00	46.74 0.98 0.00	54.78 1.33 0.00	55.33 1.52 0.00	41.45 0.62 0.00	39.87 0.38 0.00	40.82 0.44 0.00	35.78 0.21 0.00	31.11 -0.36 0.00
HUNTLEY___65 23559	29.55 -0.44 0.00	27.39 -0.44 0.00	24.35 -0.51 0.00	25.12 -0.64 0.00	25.89 -0.53 0.00	27.51 -0.59 0.00	25.68 -0.64 0.00	27.30 -0.99 0.00	29.12 -0.95 0.00	28.79 -0.33 0.00	27.13 0.02 0.00	27.26 0.17 0.00	33.84 0.50 0.00	38.98 0.50 0.00	43.72 0.64 0.00	44.45 0.47 0.00	46.74 0.98 0.00	54.78 1.33 0.00	55.33 1.52 0.00	41.45 0.62 0.00	39.87 0.38 0.00	40.82 0.44 0.00	35.78 0.21 0.00	31.11 -0.36 0.00
HUNTLEY___66 23560	29.55 -0.44 0.00	27.39 -0.44 0.00	24.35 -0.51 0.00	25.12 -0.64 0.00	25.89 -0.53 0.00	27.51 -0.59 0.00	25.68 -0.64 0.00	27.30 -0.99 0.00	29.12 -0.95 0.00	28.79 -0.33 0.00	27.13 0.02 0.00	27.26 0.17 0.00	33.84 0.50 0.00	38.98 0.50 0.00	43.72 0.64 0.00	44.45 0.47 0.00	46.74 0.98 0.00	54.78 1.33 0.00	55.33 1.52 0.00	41.45 0.62 0.00	39.87 0.38 0.00	40.82 0.44 0.00	35.78 0.21 0.00	31.11 -0.36 0.00

HUNTLEY___67 23561	29.28 -0.70 0.00	27.16 -0.66 0.00	24.14 -0.72 0.00	24.94 -0.83 0.00	25.71 -0.72 0.00	27.30 -0.81 0.00	25.49 -0.84 0.00	27.08 -1.21 0.00	28.88 -1.19 0.00	28.52 -0.61 0.00	26.85 -0.26 0.00	26.96 -0.14 0.00	33.47 0.14 0.00	38.55 0.07 0.00	43.33 0.24 0.00	44.00 0.03 0.00	46.28 0.51 0.00	54.21 0.77 0.00	54.74 0.94 0.00	41.00 0.17 0.00	39.47 -0.02 0.00	40.43 0.05 0.00	35.45 -0.12 0.00	30.89 -0.58 0.00
HUNTLEY___68 23562	29.28 -0.70 0.00	27.16 -0.66 0.00	24.14 -0.72 0.00	24.94 -0.83 0.00	25.71 -0.72 0.00	27.30 -0.81 0.00	25.49 -0.84 0.00	27.08 -1.21 0.00	28.88 -1.19 0.00	28.52 -0.61 0.00	26.85 -0.26 0.00	26.96 -0.14 0.00	33.47 0.14 0.00	38.55 0.07 0.00	43.33 0.24 0.00	44.00 0.03 0.00	46.28 0.51 0.00	54.21 0.77 0.00	54.74 0.94 0.00	41.00 0.17 0.00	39.47 -0.02 0.00	40.43 0.05 0.00	35.45 -0.12 0.00	30.89 -0.58 0.00
HYLAND___LFGE 323620	30.93 0.94 0.00	28.54 0.72 0.00	25.37 0.51 0.00	26.21 0.45 0.00	26.99 0.56 0.00	28.72 0.62 0.00	27.01 0.69 0.00	28.79 0.50 0.00	30.29 0.22 0.00	29.44 0.31 0.00	27.54 0.44 0.00	27.57 0.48 0.00	34.06 0.72 0.00	38.76 0.27 0.00	43.24 0.16 0.00	43.95 -0.03 0.00	46.29 0.53 0.00	54.37 0.93 0.00	54.94 1.14 0.00	42.13 1.30 0.00	41.20 1.72 0.00	42.08 1.70 0.00	37.40 1.84 0.00	32.83 1.36 0.00
INDECK___CORINTH 23802	32.21 2.22 0.00	29.70 1.87 0.00	26.43 1.57 0.00	27.45 1.69 0.00	28.15 1.72 0.00	30.02 1.92 0.00	28.28 1.95 0.00	30.28 2.00 0.00	32.01 1.94 0.00	31.03 1.90 0.00	29.48 1.43 -0.94	32.84 1.53 -4.22	35.06 1.73 0.00	40.59 2.10 0.00	45.64 2.56 0.00	46.62 2.65 0.00	48.98 3.22 0.00	57.38 3.93 0.00	58.19 4.39 0.00	44.20 3.37 0.00	42.80 3.31 0.00	43.61 3.23 0.00	38.38 2.82 0.00	34.07 2.59 0.00
INDECK___ILION 23567	30.21 0.22 0.00	27.93 0.10 0.00	24.90 0.04 0.00	25.79 0.03 0.00	26.45 0.03 0.00	28.18 0.08 0.00	26.44 0.11 0.00	28.32 0.03 0.00	29.97 -0.09 0.00	29.05 -0.08 0.00	26.92 -0.19 0.00	26.92 -0.17 0.00	33.08 -0.26 0.00	38.26 -0.23 0.00	42.84 -0.24 0.00	43.80 -0.18 0.00	45.76 0.00 0.00	53.71 0.26 0.00	54.18 0.37 0.00	41.16 0.33 0.00	39.70 0.21 0.00	40.52 0.14 0.00	35.67 0.11 0.00	31.71 0.24 0.00
INDECK___OLEAN 23982	29.67 -0.32 0.00	27.44 -0.38 0.00	24.42 -0.45 0.00	25.26 -0.50 0.00	26.06 -0.36 0.00	27.70 -0.40 0.00	25.97 -0.36 0.00	27.75 -0.54 0.00	29.60 -0.47 0.00	29.31 0.18 0.00	27.42 0.31 0.00	27.65 0.56 0.00	34.15 0.81 0.00	39.49 1.01 0.00	44.32 1.23 0.00	44.96 0.98 0.00	47.40 1.64 0.00	55.59 2.15 0.00	56.05 2.24 0.00	41.62 0.79 0.00	40.09 0.60 0.00	41.10 0.71 0.00	35.96 0.40 0.00	31.52 0.05 0.00
INDECK___OSWEGO 23783	29.39 -0.60 0.00	27.21 -0.62 0.00	24.30 -0.55 0.00	25.19 -0.57 0.00	25.84 -0.58 0.00	27.49 -0.61 0.00	25.72 -0.60 0.00	27.54 -0.75 0.00	29.23 -0.84 0.00	28.43 -0.70 0.00	26.48 -0.63 0.00	26.52 -0.57 0.00	32.70 -0.64 0.00	37.75 -0.74 0.00	42.07 -1.02 0.00	42.86 -1.12 0.00	44.79 -0.97 0.00	52.45 -1.00 0.00	52.86 -0.94 0.00	40.06 -0.77 0.00	38.66 -0.83 0.00	39.72 -0.67 0.00	34.96 -0.60 0.00	30.91 -0.57 0.00
INDECK___YERKES 23781	29.58 -0.41 0.00	27.41 -0.42 0.00	24.36 -0.49 0.00	25.15 -0.61 0.00	25.92 -0.50 0.00	27.54 -0.56 0.00	25.71 -0.61 0.00	27.34 -0.95 0.00	29.16 -0.91 0.00	28.84 -0.30 0.00	27.17 0.06 0.00	27.29 0.20 0.00	33.88 0.54 0.00	39.03 0.54 0.00	43.77 0.69 0.00	44.50 0.53 0.00	46.80 1.04 0.00	54.84 1.40 0.00	55.39 1.59 0.00	41.49 0.65 0.00	39.92 0.43 0.00	40.87 0.49 0.00	35.82 0.26 0.00	31.15 -0.32 0.00
INDIAN POINT_GT_1 24139	31.45 1.46 0.00	28.93 1.11 0.00	25.72 0.85 0.00	26.55 0.79 0.00	27.26 0.84 0.00	29.09 0.99 0.00	27.43 1.11 0.00	29.59 1.31 0.00	31.55 1.48 0.00	30.84 1.70 0.00	35.82 1.66 -7.05	60.59 1.71 -31.79	35.36 2.03 0.00	40.71 2.23 0.00	45.40 2.32 0.00	46.47 2.50 0.00	48.89 3.13 0.00	57.06 3.61 0.00	57.08 3.28 0.00	42.97 2.14 0.00	41.18 1.69 0.00	41.97 1.59 0.00	37.02 1.46 0.00	33.01 1.53 0.00
INDIAN POINT_GT_2 23659	31.45 1.46 0.00	28.93 1.11 0.00	25.72 0.85 0.00	26.55 0.79 0.00	27.26 0.84 0.00	29.09 0.99 0.00	27.43 1.11 0.00	29.59 1.31 0.00	31.55 1.48 0.00	30.84 1.70 0.00	35.82 1.66 -7.05	60.59 1.71 -31.79	35.36 2.03 0.00	40.71 2.23 0.00	45.40 2.32 0.00	46.47 2.50 0.00	48.89 3.13 0.00	57.06 3.61 0.00	57.08 3.28 0.00	42.97 2.14 0.00	41.18 1.69 0.00	41.97 1.59 0.00	37.02 1.46 0.00	33.01 1.53 0.00
INDIAN POINT_GT_3 24019	31.45 1.46 0.00	28.93 1.11 0.00	25.72 0.85 0.00	26.55 0.79 0.00	27.26 0.84 0.00	29.09 0.99 0.00	27.43 1.11 0.00	29.59 1.31 0.00	31.55 1.48 0.00	30.84 1.70 0.00	35.82 1.66 -7.05	60.59 1.71 -31.79	35.36 2.03 0.00	40.71 2.23 0.00	45.40 2.32 0.00	46.47 2.50 0.00	48.89 3.13 0.00	57.06 3.61 0.00	57.08 3.28 0.00	42.97 2.14 0.00	41.18 1.69 0.00	41.97 1.59 0.00	37.02 1.46 0.00	33.01 1.53 0.00
INDIAN POINT___2 23530	31.41 1.42 0.00	28.90 1.07 0.00	25.69 0.82 0.00	26.52 0.76 0.00	27.23 0.81 0.00	29.05 0.95 0.00	27.40 1.07 0.00	29.56 1.27 0.00	31.51 1.44 0.00	30.80 1.67 0.00	38.23 1.61 -9.51	71.66 1.68 -42.89	35.33 1.99 0.00	40.67 2.18 0.00	45.34 2.26 0.00	46.40 2.43 0.00	48.83 3.07 0.00	56.98 3.53 0.00	57.01 3.21 0.00	42.90 2.07 0.00	41.10 1.62 0.00	41.90 1.51 0.00	36.96 1.39 0.00	32.96 1.49 0.00
INDIAN POINT___3 23531	31.41 1.42 0.00	28.91 1.08 0.00	25.69 0.83 0.00	26.54 0.78 0.00	27.25 0.82 0.00	29.06 0.97 0.00	27.41 1.08 0.00	29.57 1.28 0.00	31.51 1.44 0.00	30.80 1.67 0.00	35.95 1.61 -7.23	61.37 1.66 -32.61	35.31 1.97 0.00	40.64 2.15 0.00	45.32 2.24 0.00	46.38 2.41 0.00	48.78 3.02 0.00	56.93 3.49 0.00	56.97 3.16 0.00	42.89 2.06 0.00	41.10 1.61 0.00	41.89 1.50 0.00	36.95 1.39 0.00	32.96 1.49 0.00
INGHAM_C_115KV_TB7 356103	30.21 0.21 0.00	27.83 0.00 0.00	24.77 -0.09 0.00	25.62 -0.14 0.00	26.29 -0.13 0.00	28.05 -0.05 0.00	26.36 0.04 0.00	28.13 -0.16 0.00	29.59 -0.48 0.00	28.62 -0.51 0.00	26.37 -0.74 0.00	26.36 -0.73 0.00	32.33 -1.01 0.00	37.44 -1.05 0.00	41.98 -1.10 0.00	42.99 -0.99 0.00	45.05 -0.71 0.00	53.17 -0.27 0.00	53.87 0.06 0.00	41.07 0.23 0.00	39.56 0.07 0.00	40.31 -0.07 0.00	35.50 -0.07 0.00	31.71 0.24 0.00
IP CORINTH___1 23988	32.21 2.22 0.00	29.70 1.87 0.00	26.43 1.57 0.00	27.45 1.69 0.00	28.15 1.72 0.00	30.01 1.92 0.00	28.28 1.95 0.00	30.28 2.00 0.00	32.01 1.94 0.00	31.03 1.90 0.00	29.48 1.43 -0.94	32.85 1.53 -4.22	35.07 1.73 0.00	40.58 2.10 0.00	45.64 2.56 0.00	46.62 2.65 0.00	48.98 3.22 0.00	57.38 3.93 0.00	58.19 4.39 0.00	44.20 3.37 0.00	42.80 3.31 0.00	43.62 3.23 0.00	38.38 2.82 0.00	34.07 2.59 0.00

IP___TICONDEROGA 23804	33.96 3.97 0.00	31.14 3.31 0.00	27.66 2.79 0.00	28.83 3.08 0.00	29.44 3.02 0.00	31.54 3.44 0.00	29.82 3.49 0.00	31.83 3.54 0.00	33.31 3.24 0.00	32.12 2.99 0.00	30.55 2.50 -0.94	33.95 2.61 -4.25	36.15 2.81 0.00	42.31 3.82 0.00	47.64 4.56 0.00	48.51 4.54 0.00	51.54 5.78 0.00	60.42 6.97 0.00	61.40 7.59 0.00	46.69 5.85 0.00	45.23 5.74 0.00	46.15 5.77 0.00	40.80 5.24 0.00	36.13 4.66 0.00
ISLIP_RES_REC 323679	32.21 2.23 0.00	29.64 1.81 0.00	26.31 1.44 0.00	27.03 1.27 0.00	27.72 1.29 0.00	29.56 1.46 0.00	27.99 1.67 0.00	30.24 1.96 0.00	32.10 2.03 0.00	31.47 2.34 0.00	35.85 2.39 -6.36	56.60 2.20 -27.31	36.03 2.69 0.00	41.42 2.93 0.00	46.09 3.01 0.00	47.06 3.09 0.00	49.82 4.06 0.00	58.04 4.60 0.00	58.00 4.19 0.00	43.86 3.03 0.00	42.02 2.53 0.00	42.77 2.39 0.00	38.20 2.34 -0.30	37.18 2.50 -3.20
JAMAICA__27_KV_LOAD 355505	31.96 1.97 0.00	29.35 1.52 0.00	26.05 1.19 0.00	26.89 1.14 0.00	27.65 1.23 0.00	29.57 1.47 0.00	27.89 1.56 0.00	30.10 1.81 0.00	32.00 1.93 0.00	31.34 2.21 0.00	35.19 2.08 -6.00	56.37 2.21 -27.07	36.05 2.71 0.00	41.50 3.01 0.00	46.32 3.23 0.00	47.54 3.56 0.00	50.07 4.32 0.00	58.35 4.90 0.00	58.35 4.55 0.00	43.84 3.01 0.00	42.19 2.70 0.00	42.93 2.55 0.00	37.87 2.31 0.00	33.73 2.25 0.00
JANIS___SOLAR 323808	31.24 1.25 0.00	28.78 0.95 0.00	25.66 0.80 0.00	26.51 0.75 0.00	27.26 0.83 0.00	29.12 1.02 0.00	27.36 1.03 0.00	29.30 1.01 0.00	31.13 1.06 0.00	30.04 0.90 0.00	27.94 0.83 0.00	27.78 0.69 0.00	34.25 0.91 0.00	39.51 1.02 0.00	44.34 1.25 0.00	45.34 1.37 0.00	47.74 1.98 0.00	56.25 2.80 0.00	57.32 3.52 0.00	43.59 2.75 0.00	42.18 2.70 0.00	42.97 2.58 0.00	37.61 2.05 0.00	33.07 1.59 0.00
JARVIS____ 23743	30.13 0.14 0.00	27.91 0.08 0.00	24.92 0.06 0.00	25.83 0.07 0.00	26.48 0.05 0.00	28.18 0.08 0.00	26.41 0.09 0.00	28.36 0.07 0.00	30.12 0.05 0.00	29.23 0.09 0.00	27.19 0.08 0.00	27.18 0.09 0.00	33.44 0.10 0.00	38.61 0.12 0.00	43.21 0.13 0.00	44.11 0.14 0.00	46.02 0.26 0.00	53.77 0.32 0.00	54.12 0.32 0.00	41.03 0.20 0.00	39.61 0.12 0.00	40.50 0.12 0.00	35.65 0.09 0.00	31.62 0.14 0.00
JENNISON___1 23625	31.26 1.27 0.00	28.70 0.87 0.00	25.64 0.78 0.00	26.37 0.61 0.00	27.21 0.79 0.00	29.12 1.02 0.00	27.24 0.91 0.00	29.18 0.89 0.00	31.11 1.04 0.00	30.31 1.18 0.00	28.24 1.14 0.00	28.20 1.11 0.00	34.74 1.40 0.00	40.03 1.54 0.00	44.85 1.76 0.00	45.86 1.89 0.00	48.28 2.52 0.00	56.67 3.23 0.00	57.37 3.57 0.00	43.39 2.56 0.00	42.00 2.51 0.00	42.81 2.42 0.00	37.52 1.96 0.00	33.12 1.65 0.00
JENNISON___2 23626	31.26 1.27 0.00	28.70 0.87 0.00	25.64 0.78 0.00	26.37 0.61 0.00	27.21 0.79 0.00	29.12 1.02 0.00	27.24 0.91 0.00	29.18 0.89 0.00	31.11 1.04 0.00	30.31 1.18 0.00	28.24 1.14 0.00	28.20 1.11 0.00	34.74 1.40 0.00	40.03 1.54 0.00	44.85 1.76 0.00	45.86 1.89 0.00	48.28 2.52 0.00	56.67 3.23 0.00	57.37 3.57 0.00	43.39 2.56 0.00	42.00 2.51 0.00	42.81 2.42 0.00	37.52 1.96 0.00	33.12 1.65 0.00
JERICHO_RISE_WT_PWR 323719	29.04 -0.95 0.00	27.21 -0.62 0.00	24.28 -0.58 0.00	25.17 -0.59 0.00	25.81 -0.62 0.00	19.08 -0.80 8.22	13.89 -0.82 11.61	27.86 -0.43 0.00	30.09 0.02 0.00	29.07 -0.06 0.00	27.09 -0.02 0.00	26.84 -0.26 0.00	33.22 -0.12 0.00	38.42 -0.06 0.00	43.29 0.21 0.00	44.40 0.42 0.00	45.84 0.07 0.00	53.40 -0.05 0.00	54.22 0.42 0.00	41.44 0.61 0.00	40.25 0.76 0.00	41.06 0.68 0.00	36.16 0.60 0.00	31.45 -0.02 0.00
KATONAH___115KV_46KV_TB4 355592	31.61 1.63 0.00	29.10 1.27 0.00	25.86 1.00 0.00	26.70 0.94 0.00	27.42 0.99 0.00	29.24 1.14 0.00	27.59 1.27 0.00	29.77 1.48 0.00	31.73 1.66 0.00	31.03 1.90 0.00	32.62 1.84 -3.67	45.53 1.91 -16.53	35.63 2.29 0.00	41.09 2.60 0.00	45.87 2.79 0.00	46.92 2.95 0.00	49.35 3.59 0.00	57.60 4.15 0.00	57.62 3.82 0.00	43.39 2.56 0.00	41.57 2.08 0.00	42.35 1.97 0.00	37.32 1.75 0.00	33.25 1.77 0.00
KCE_NY_1 323755	31.88 1.89 0.00	29.41 1.58 0.00	26.20 1.34 0.00	27.20 1.44 0.00	27.90 1.48 0.00	29.71 1.61 0.00	27.97 1.64 0.00	29.95 1.66 0.00	31.71 1.64 0.00	30.77 1.63 0.00	29.41 1.34 -0.96	32.85 1.43 -4.33	34.95 1.61 0.00	40.48 1.99 0.00	45.41 2.33 0.00	46.35 2.37 0.00	48.58 2.82 0.00	56.84 3.40 0.00	57.30 3.49 0.00	43.56 2.73 0.00	41.99 2.51 0.00	42.83 2.44 0.00	37.65 2.09 0.00	33.53 2.05 0.00
KCE_NY_6_ESR 323823	29.65 -0.34 0.00	27.49 -0.34 0.00	24.42 -0.45 0.00	25.21 -0.55 0.00	25.98 -0.45 0.00	27.61 -0.49 0.00	25.80 -0.53 0.00	27.46 -0.84 0.00	29.28 -0.79 0.00	28.95 -0.19 0.00	27.24 0.13 0.00	27.40 0.31 0.00	34.02 0.68 0.00	39.25 0.76 0.00	44.13 1.04 0.00	44.81 0.84 0.00	47.17 1.41 0.00	55.29 1.85 0.00	55.84 2.04 0.00	41.75 0.92 0.00	40.16 0.68 0.00	41.11 0.72 0.00	36.00 0.44 0.00	31.36 -0.11 0.00
KEDC_PORT_JEFF_GT2 24210	31.95 1.96 0.00	29.40 1.57 0.00	26.11 1.25 0.00	26.82 1.07 0.00	27.53 1.11 0.00	29.38 1.28 0.00	27.81 1.48 0.00	30.03 1.74 0.00	31.70 1.63 0.00	31.07 1.93 0.00	35.46 1.99 -6.36	56.18 1.79 -27.31	35.63 2.29 0.00	40.90 2.41 0.00	45.36 2.27 0.00	46.16 2.19 0.00	48.95 3.19 0.00	56.90 3.46 0.00	56.89 3.09 0.00	43.21 2.38 0.00	41.47 1.98 0.00	42.23 1.85 0.00	37.78 1.92 -0.30	36.90 2.22 -3.20
KEDC_PORT_JEFF_GT3 24211	31.95 1.96 0.00	29.40 1.57 0.00	26.11 1.25 0.00	26.82 1.07 0.00	27.53 1.11 0.00	29.38 1.28 0.00	27.81 1.48 0.00	30.03 1.74 0.00	31.70 1.63 0.00	31.07 1.93 0.00	35.46 1.99 -6.36	56.18 1.79 -27.31	35.63 2.29 0.00	40.90 2.41 0.00	45.36 2.27 0.00	46.16 2.19 0.00	48.95 3.19 0.00	56.90 3.46 0.00	56.89 3.09 0.00	43.21 2.38 0.00	41.47 1.98 0.00	42.23 1.85 0.00	37.78 1.92 -0.30	36.90 2.22 -3.20
KEDC_GLWD_GT4 24219	32.08 2.09 0.00	29.52 1.69 0.00	26.20 1.34 0.00	26.96 1.20 0.00	27.69 1.27 0.00	29.55 1.45 0.00	27.92 1.60 0.00	30.17 1.89 0.00	32.15 2.08 0.00	31.51 2.37 0.00	35.81 2.35 -6.36	56.71 2.31 -27.31	36.10 2.76 0.00	41.58 3.09 0.00	46.02 2.93 0.00	46.99 3.01 0.00	49.53 3.77 0.00	57.77 4.33 0.00	57.72 3.92 0.00	43.77 2.94 0.00	41.99 2.50 0.00	42.80 2.42 0.00	38.16 2.29 -0.30	37.05 2.37 -3.20
KEDC_GLWD_GT5 24220	32.08 2.09 0.00	29.52 1.69 0.00	26.20 1.34 0.00	26.96 1.20 0.00	27.69 1.27 0.00	29.55 1.45 0.00	27.92 1.60 0.00	30.17 1.89 0.00	32.15 2.08 0.00	31.51 2.37 0.00	35.81 2.35 -6.36	56.71 2.31 -27.31	36.10 2.76 0.00	41.58 3.09 0.00	46.02 2.93 0.00	46.99 3.01 0.00	49.53 3.77 0.00	57.77 4.33 0.00	57.72 3.92 0.00	43.77 2.94 0.00	41.99 2.50 0.00	42.80 2.42 0.00	38.16 2.29 -0.30	37.05 2.37 -3.20

KENSICO____ 23655	31.54 1.55 0.00	29.02 1.19 0.00	25.79 0.93 0.00	26.63 0.87 0.00	27.34 0.92 0.00	29.18 1.08 0.00	27.52 1.20 0.00	29.69 1.40 0.00	31.66 1.59 0.00	30.96 1.82 0.00	35.28 1.77 -6.40	57.78 1.82 -28.88	35.50 2.16 0.00	40.87 2.38 0.00	45.56 2.48 0.00	46.64 2.67 0.00	49.06 3.30 0.00	57.24 3.79 0.00	57.26 3.45 0.00	43.11 2.28 0.00	41.31 1.83 0.00	42.10 1.72 0.00	37.16 1.60 0.00	33.14 1.66 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.71 1.72 0.00	29.17 1.34 0.00	25.92 1.06 0.00	26.76 1.00 0.00	27.47 1.05 0.00	29.30 1.20 0.00	27.62 1.30 0.00	29.81 1.52 0.00	31.77 1.70 0.00	31.02 1.88 0.00	28.89 1.78 0.00	28.93 1.84 0.00	35.58 2.24 0.00	41.09 2.61 0.00	46.09 3.01 0.00	47.16 3.19 0.00	49.66 3.90 0.00	58.10 4.66 0.00	57.69 3.88 0.00	43.47 2.63 0.00	41.64 2.15 0.00	42.38 2.00 0.00	37.26 1.70 0.00	33.10 1.63 0.00
KIAC_JFK_GT1 23816	31.73 1.74 0.00	29.16 1.33 0.00	25.89 1.03 0.00	26.72 0.97 0.00	27.47 1.05 0.00	29.38 1.28 0.00	27.71 1.39 0.00	29.91 1.62 0.00	31.81 1.74 0.00	31.11 1.98 0.00	34.92 1.81 -6.00	56.08 1.92 -27.07	35.69 2.36 0.00	41.07 2.58 0.00	45.84 2.76 0.00	47.03 3.05 0.00	49.53 3.77 0.00	57.71 4.26 0.00	57.70 3.90 0.00	43.37 2.54 0.00	41.72 2.23 0.00	42.46 2.08 0.00	37.46 1.90 0.00	33.48 2.00 0.00
KIAC_JFK_GT2 23817	31.73 1.74 0.00	29.16 1.33 0.00	25.89 1.03 0.00	26.72 0.97 0.00	27.47 1.05 0.00	29.38 1.28 0.00	27.71 1.39 0.00	29.91 1.62 0.00	31.81 1.74 0.00	31.11 1.98 0.00	34.92 1.81 -6.00	56.08 1.92 -27.07	35.69 2.36 0.00	41.07 2.58 0.00	45.84 2.76 0.00	47.03 3.05 0.00	49.53 3.77 0.00	57.71 4.26 0.00	57.70 3.90 0.00	43.37 2.54 0.00	41.72 2.23 0.00	42.46 2.08 0.00	37.46 1.90 0.00	33.48 2.00 0.00
KIAC_JFK____ 323774	31.73 1.74 0.00	29.17 1.34 0.00	25.89 1.03 0.00	26.72 0.97 0.00	27.47 1.05 0.00	29.38 1.28 0.00	27.71 1.38 0.00	29.91 1.62 0.00	31.81 1.74 0.00	31.11 1.98 0.00	34.92 1.81 -6.00	56.08 1.92 -27.07	35.69 2.36 0.00	41.07 2.58 0.00	45.85 2.76 0.00	47.03 3.05 0.00	49.53 3.77 0.00	57.70 4.26 0.00	57.71 3.90 0.00	43.37 2.54 0.00	41.72 2.23 0.00	42.46 2.08 0.00	37.46 1.90 0.00	33.48 2.00 0.00
KINTIGH____ 23543	29.23 -0.76 0.00	27.10 -0.73 0.00	24.11 -0.75 0.00	24.91 -0.84 0.00	25.68 -0.74 0.00	27.28 -0.82 0.00	25.47 -0.86 0.00	27.10 -1.18 0.00	28.87 -1.20 0.00	28.44 -0.70 0.00	26.72 -0.39 0.00	26.81 -0.29 0.00	33.24 -0.09 0.00	38.31 -0.18 0.00	43.01 -0.07 0.00	43.73 -0.23 0.00	45.97 0.20 0.00	53.82 0.38 0.00	54.35 0.54 0.00	40.77 -0.06 0.00	39.25 -0.23 0.00	40.18 -0.20 0.00	35.25 -0.31 0.00	30.80 -0.67 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.10 -0.89 0.00	27.24 -0.58 0.00	24.29 -0.57 0.00	25.17 -0.59 0.00	25.82 -0.60 0.00	19.11 -0.77 8.22	13.93 -0.78 11.61	28.05 -0.24 0.00	30.66 0.59 0.00	29.75 0.62 0.00	27.66 0.55 0.00	27.46 0.37 0.00	34.18 0.85 0.00	39.72 1.23 0.00	44.84 1.76 0.00	46.02 2.04 0.00	47.67 1.91 0.00	55.50 2.06 0.00	56.39 2.58 0.00	43.13 2.30 0.00	41.71 2.22 0.00	42.36 1.98 0.00	37.40 1.84 0.00	32.53 1.06 0.00
LACHUTE____HYDRO 323717	33.95 3.97 0.00	31.14 3.31 0.00	27.66 2.79 0.00	28.83 3.07 0.00	29.44 3.02 0.00	31.54 3.44 0.00	29.82 3.49 0.00	31.82 3.54 0.00	33.31 3.24 0.00	32.12 2.99 0.00	30.55 2.50 -0.94	33.95 2.61 -4.25	36.15 2.81 0.00	42.31 3.82 0.00	47.64 4.55 0.00	48.51 4.54 0.00	51.54 5.78 0.00	60.42 6.98 0.00	61.40 7.59 0.00	46.68 5.85 0.00	45.22 5.74 0.00	46.15 5.77 0.00	40.80 5.24 0.00	36.14 4.66 0.00
LAWRNCALV_115KV_TB1 80681	28.95 -1.04 0.00	27.07 -0.76 0.00	24.26 -0.60 0.00	25.21 -0.55 0.00	25.88 -0.55 0.00	27.42 -0.68 0.00	25.63 -0.69 0.00	27.78 -0.51 0.00	29.60 -0.47 0.00	28.46 -0.67 0.00	26.45 -0.66 0.00	26.28 -0.81 0.00	32.34 -1.00 0.00	37.26 -1.23 0.00	41.74 -1.35 0.00	42.66 -1.32 0.00	43.84 -1.92 0.00	50.89 -2.55 0.00	51.68 -2.12 0.00	39.93 -0.90 0.00	38.86 -0.63 0.00	39.78 -0.61 0.00	35.19 -0.37 0.00	30.88 -0.60 0.00
LEDERLE____ 23769	31.54 1.55 0.00	29.01 1.18 0.00	25.77 0.91 0.00	26.62 0.86 0.00	27.33 0.91 0.00	29.16 1.06 0.00	27.50 1.17 0.00	29.69 1.40 0.00	31.66 1.59 0.00	30.95 1.82 0.00	20.12 1.76 8.75	-10.55 1.83 39.47	35.53 2.19 0.00	40.91 2.43 0.00	45.63 2.55 0.00	46.70 2.73 0.00	49.15 3.39 0.00	57.38 3.93 0.00	57.39 3.58 0.00	43.15 2.32 0.00	41.32 1.83 0.00	42.10 1.72 0.00	37.10 1.54 0.00	33.06 1.59 0.00
LIGHTHSE_115KV_TB6 355974	29.32 -0.67 0.00	27.17 -0.66 0.00	24.32 -0.54 0.00	25.32 -0.44 0.00	25.97 -0.46 0.00	27.54 -0.56 0.00	25.81 -0.52 0.00	27.68 -0.61 0.00	29.41 -0.66 0.00	28.58 -0.55 0.00	26.59 -0.52 0.00	26.58 -0.51 0.00	32.70 -0.64 0.00	37.76 -0.73 0.00	42.16 -0.92 0.00	43.08 -0.89 0.00	45.14 -0.62 0.00	53.01 -0.43 0.00	53.59 -0.22 0.00	40.63 -0.21 0.00	39.22 -0.27 0.00	40.09 -0.29 0.00	35.18 -0.39 0.00	30.98 -0.49 0.00
LINDEN COGEN____ 23786	31.59 1.60 0.00	29.04 1.21 0.00	25.83 0.97 0.00	26.65 0.89 0.00	27.37 0.95 0.00	29.19 1.09 0.00	27.55 1.23 0.00	29.74 1.45 0.00	31.73 1.67 0.00	31.06 1.93 0.00	34.99 1.88 -6.00	56.13 1.97 -27.07	35.73 2.40 0.00	41.09 2.60 0.00	45.71 2.62 0.00	46.81 2.83 0.00	49.30 3.53 0.00	57.46 4.01 0.00	57.40 3.60 0.00	43.17 2.34 0.00	41.40 1.91 0.00	42.20 1.82 0.00	37.31 1.75 0.00	33.25 1.78 0.00
LINDHRST_69_KV_BK1 356055	32.31 2.32 0.00	29.71 1.88 0.00	26.36 1.50 0.00	27.09 1.33 0.00	27.81 1.39 0.00	29.70 1.60 0.00	28.08 1.75 0.00	30.34 2.05 0.00	32.27 2.20 0.00	31.61 2.48 0.00	35.97 2.50 -6.36	56.79 2.39 -27.31	36.13 2.80 0.00	41.53 3.04 0.00	46.27 3.19 0.00	47.20 3.23 0.00	49.83 4.07 0.00	58.10 4.66 0.00	58.11 4.31 0.00	43.94 3.11 0.00	42.10 2.61 0.00	42.95 2.57 0.00	38.37 2.50 -0.30	37.27 2.60 -3.20
LIPA_MISC_IPP 23656	31.82 1.83 0.00	29.28 1.45 0.00	26.00 1.14 0.00	26.71 0.95 0.00	27.40 0.98 0.00	29.25 1.15 0.00	27.69 1.37 0.00	29.91 1.63 0.00	31.75 1.68 0.00	31.11 1.98 0.00	35.50 2.04 -6.36	56.18 1.78 -27.31	35.44 2.10 0.00	40.73 2.24 0.00	45.31 2.23 0.00	46.24 2.27 0.00	48.96 3.20 0.00	57.05 3.60 0.00	57.04 3.24 0.00	43.11 2.27 0.00	41.41 1.92 0.00	42.19 1.81 0.00	37.72 1.86 -0.30	36.78 2.11 -3.20
LISF____SOLAR 323691	31.88 1.89 0.00	29.34 1.51 0.00	26.04 1.18 0.00	26.75 0.99 0.00	27.45 1.03 0.00	29.29 1.19 0.00	27.74 1.42 0.00	29.96 1.68 0.00	31.81 1.74 0.00	31.16 2.03 0.00	35.54 2.07 -6.36	56.22 1.82 -27.31	35.47 2.13 0.00	40.80 2.31 0.00	45.38 2.30 0.00	46.33 2.36 0.00	49.08 3.32 0.00	57.21 3.77 0.00	57.22 3.41 0.00	43.22 2.39 0.00	41.53 2.04 0.00	42.32 1.94 0.00	37.82 1.95 -0.30	36.85 2.17 -3.20

LITTLE FALLS___HYD 24013	30.21 0.21 0.00	27.83 0.00 0.00	24.77 -0.09 0.00	25.62 -0.14 0.00	26.29 -0.13 0.00	28.05 -0.05 0.00	26.36 0.04 0.00	28.13 -0.16 0.00	29.59 -0.48 0.00	28.62 -0.51 0.00	26.37 -0.74 0.00	26.36 -0.73 0.00	32.33 -1.01 0.00	37.44 -1.05 0.00	41.98 -1.10 0.00	42.99 -0.99 0.00	45.05 -0.71 0.00	53.17 -0.27 0.00	53.87 0.06 0.00	41.07 0.23 0.00	39.56 0.07 0.00	40.31 -0.07 0.00	35.50 -0.07 0.00	31.71 0.24 0.00
LITTLRIV_115KV_TB1 356100	29.35 -0.64 0.00	27.45 -0.37 0.00	24.59 -0.27 0.00	25.56 -0.20 0.00	26.25 -0.18 0.00	27.82 -0.28 0.00	26.02 -0.30 0.00	28.17 -0.12 0.00	29.95 -0.12 0.00	28.71 -0.43 0.00	26.66 -0.44 0.00	26.48 -0.61 0.00	32.60 -0.74 0.00	37.54 -0.95 0.00	42.03 -1.06 0.00	42.97 -1.01 0.00	44.20 -1.56 0.00	51.37 -2.07 0.00	52.37 -1.43 0.00	40.60 -0.23 0.00	39.61 0.12 0.00	40.52 0.14 0.00	35.80 0.24 0.00	31.34 -0.14 0.00
LI_NEWBRDGE___DRP 323616	31.78 1.79 0.00	29.26 1.43 0.00	25.98 1.12 0.00	26.74 0.98 0.00	27.46 1.04 0.00	29.31 1.21 0.00	27.69 1.37 0.00	29.91 1.62 0.00	31.82 1.75 0.00	31.15 2.02 0.00	35.49 2.03 -6.36	56.33 1.92 -27.31	35.58 2.24 0.00	40.92 2.43 0.00	45.51 2.43 0.00	46.50 2.53 0.00	49.02 3.26 0.00	57.14 3.69 0.00	57.14 3.33 0.00	43.18 2.34 0.00	41.35 1.86 0.00	42.18 1.79 0.00	37.66 1.79 -0.30	36.67 1.99 -3.20
LOCKPORT_115KV_TB60_63_64 80432	29.33 -0.65 0.00	27.22 -0.61 0.00	24.19 -0.67 0.00	24.97 -0.79 0.00	25.75 -0.67 0.00	27.39 -0.71 0.00	25.56 -0.77 0.00	27.11 -1.18 0.00	28.91 -1.16 0.00	28.55 -0.58 0.00	26.87 -0.24 0.00	26.96 -0.13 0.00	33.50 0.16 0.00	38.54 0.06 0.00	43.32 0.24 0.00	44.02 0.05 0.00	46.30 0.54 0.00	54.28 0.83 0.00	54.90 1.10 0.00	41.18 0.34 0.00	39.64 0.15 0.00	40.58 0.20 0.00	35.59 0.03 0.00	30.96 -0.52 0.00
LOCKPORT___CC1 323769	29.29 -0.70 0.00	27.19 -0.64 0.00	24.15 -0.71 0.00	24.95 -0.81 0.00	25.72 -0.71 0.00	27.35 -0.75 0.00	25.51 -0.81 0.00	27.08 -1.21 0.00	28.86 -1.21 0.00	28.52 -0.61 0.00	26.84 -0.26 0.00	26.93 -0.16 0.00	33.46 0.12 0.00	38.51 0.02 0.00	43.26 0.17 0.00	43.96 -0.02 0.00	46.24 0.48 0.00	54.18 0.73 0.00	54.80 0.99 0.00	41.07 0.23 0.00	39.56 0.07 0.00	40.51 0.12 0.00	35.53 -0.03 0.00	30.92 -0.56 0.00
LOCKPORT___CC2 323770	29.29 -0.70 0.00	27.19 -0.64 0.00	24.15 -0.71 0.00	24.95 -0.81 0.00	25.72 -0.71 0.00	27.35 -0.75 0.00	25.51 -0.81 0.00	27.08 -1.21 0.00	28.86 -1.21 0.00	28.52 -0.61 0.00	26.84 -0.26 0.00	26.93 -0.16 0.00	33.46 0.12 0.00	38.51 0.02 0.00	43.26 0.17 0.00	43.96 -0.02 0.00	46.24 0.48 0.00	54.18 0.73 0.00	54.80 0.99 0.00	41.07 0.23 0.00	39.56 0.07 0.00	40.51 0.12 0.00	35.53 -0.03 0.00	30.92 -0.56 0.00
LOCKPORT___CC3 323771	29.29 -0.70 0.00	27.19 -0.64 0.00	24.15 -0.71 0.00	24.95 -0.81 0.00	25.72 -0.71 0.00	27.35 -0.75 0.00	25.51 -0.81 0.00	27.08 -1.21 0.00	28.86 -1.21 0.00	28.52 -0.61 0.00	26.84 -0.26 0.00	26.93 -0.16 0.00	33.46 0.12 0.00	38.51 0.02 0.00	43.26 0.17 0.00	43.96 -0.02 0.00	46.24 0.48 0.00	54.18 0.73 0.00	54.80 0.99 0.00	41.07 0.23 0.00	39.56 0.07 0.00	40.51 0.12 0.00	35.53 -0.03 0.00	30.92 -0.56 0.00
LONG_LAKE_PHOENIX 24014	29.65 -0.34 0.00	27.43 -0.40 0.00	24.48 -0.38 0.00	25.35 -0.41 0.00	26.02 -0.40 0.00	27.70 -0.40 0.00	25.93 -0.39 0.00	27.76 -0.53 0.00	29.47 -0.60 0.00	28.63 -0.50 0.00	26.68 -0.43 0.00	26.74 -0.35 0.00	32.98 -0.35 0.00	38.15 -0.34 0.00	42.71 -0.37 0.00	43.59 -0.39 0.00	45.62 -0.14 0.00	53.50 0.06 0.00	53.95 0.14 0.00	40.83 0.00 0.00	39.36 -0.13 0.00	40.20 -0.18 0.00	35.33 -0.24 0.00	31.19 -0.28 0.00
LOVETT___3 23632	31.38 1.39 0.00	28.87 1.04 0.00	25.65 0.79 0.00	26.49 0.73 0.00	27.21 0.78 0.00	29.03 0.93 0.00	27.37 1.04 0.00	29.53 1.24 0.00	31.48 1.41 0.00	30.78 1.64 0.00	19.58 1.58 9.11	-12.35 1.64 41.09	35.27 1.94 0.00	40.57 2.09 0.00	45.24 2.15 0.00	46.31 2.34 0.00	48.71 2.95 0.00	56.87 3.43 0.00	56.89 3.08 0.00	42.80 1.96 0.00	40.99 1.50 0.00	41.78 1.39 0.00	36.84 1.28 0.00	32.86 1.39 0.00
LOVETT___4 23642	31.38 1.39 0.00	28.87 1.04 0.00	25.65 0.79 0.00	26.49 0.73 0.00	27.21 0.78 0.00	29.03 0.93 0.00	27.37 1.04 0.00	29.53 1.24 0.00	31.48 1.41 0.00	30.78 1.64 0.00	19.58 1.58 9.11	-12.35 1.64 41.09	35.27 1.94 0.00	40.57 2.09 0.00	45.24 2.15 0.00	46.31 2.34 0.00	48.71 2.95 0.00	56.87 3.43 0.00	56.89 3.08 0.00	42.80 1.96 0.00	40.99 1.50 0.00	41.78 1.39 0.00	36.84 1.28 0.00	32.86 1.39 0.00
LOVETT___5 23593	31.38 1.39 0.00	28.87 1.04 0.00	25.65 0.79 0.00	26.49 0.73 0.00	27.21 0.78 0.00	29.03 0.93 0.00	27.37 1.04 0.00	29.53 1.24 0.00	31.48 1.41 0.00	30.78 1.64 0.00	19.58 1.58 9.11	-12.35 1.64 41.09	35.27 1.94 0.00	40.57 2.09 0.00	45.24 2.15 0.00	46.31 2.34 0.00	48.71 2.95 0.00	56.87 3.43 0.00	56.89 3.08 0.00	42.80 1.96 0.00	40.99 1.50 0.00	41.78 1.39 0.00	36.84 1.28 0.00	32.86 1.39 0.00
LOWER RAQUET___HYD 24057	28.76 -1.23 0.00	26.91 -0.92 0.00	24.11 -0.75 0.00	25.07 -0.69 0.00	25.74 -0.69 0.00	27.25 -0.85 0.00	25.49 -0.84 0.00	27.64 -0.65 0.00	29.45 -0.62 0.00	28.30 -0.83 0.00	26.29 -0.81 0.00	26.13 -0.97 0.00	32.14 -1.19 0.00	37.03 -1.46 0.00	41.48 -1.60 0.00	42.41 -1.57 0.00	43.60 -2.16 0.00	50.66 -2.79 0.00	51.48 -2.33 0.00	39.78 -1.05 0.00	38.72 -0.77 0.00	39.63 -0.75 0.00	35.07 -0.49 0.00	30.77 -0.71 0.00
LOWER___HUDSON 24059	31.17 1.18 0.00	28.84 1.01 0.00	25.71 0.85 0.00	26.68 0.92 0.00	27.34 0.92 0.00	29.10 1.00 0.00	27.33 1.00 0.00	29.24 0.95 0.00	30.99 0.92 0.00	30.08 0.95 0.00	28.86 0.74 -1.02	32.44 0.76 -4.59	34.10 0.76 0.00	39.41 0.93 0.00	44.16 1.07 0.00	44.97 1.00 0.00	47.03 1.27 0.00	54.93 1.49 0.00	55.28 1.47 0.00	42.07 1.23 0.00	40.54 1.06 0.00	41.42 1.04 0.00	36.50 0.93 0.00	32.58 1.11 0.00
LOWVILLE_115KV_TB2 356335	29.30 -0.69 0.00	27.28 -0.55 0.00	24.53 -0.33 0.00	25.77 0.01 0.00	26.43 0.01 0.00	27.84 -0.26 0.00	26.12 -0.20 0.00	28.29 0.00 0.00	30.04 -0.03 0.00	29.09 -0.05 0.00	26.98 -0.13 0.00	26.90 -0.19 0.00	32.96 -0.38 0.00	37.98 -0.51 0.00	42.36 -0.73 0.00	43.33 -0.65 0.00	45.41 -0.35 0.00	53.43 -0.02 0.00	54.24 0.44 0.00	41.14 0.30 0.00	39.72 0.23 0.00	40.60 0.21 0.00	35.68 0.11 0.00	31.33 -0.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.86 1.87 0.00	29.42 1.59 0.00	26.22 1.35 0.00	27.21 1.45 0.00	27.90 1.48 0.00	29.72 1.62 0.00	27.96 1.64 0.00	29.94 1.65 0.00	31.71 1.64 0.00	30.77 1.64 0.00	29.41 1.35 -0.96	32.84 1.41 -4.33	34.95 1.61 0.00	40.45 1.96 0.00	45.39 2.30 0.00	46.32 2.34 0.00	48.55 2.79 0.00	56.77 3.33 0.00	57.23 3.42 0.00	43.50 2.66 0.00	41.98 2.48 0.00	42.82 2.44 0.00	37.67 2.11 0.00	33.51 2.04 0.00

LUTHERNY_35_KV_BK2 355980	31.88 1.89 0.00	29.41 1.58 0.00	26.20 1.34 0.00	27.20 1.44 0.00	27.90 1.48 0.00	29.71 1.61 0.00	27.96 1.64 0.00	29.95 1.66 0.00	31.71 1.64 0.00	30.77 1.64 0.00	29.41 1.34 -0.96	32.85 1.43 -4.33	34.95 1.61 0.00	40.48 1.99 0.00	45.42 2.33 0.00	46.35 2.38 0.00	48.58 2.82 0.00	56.84 3.40 0.00	57.30 3.50 0.00	43.56 2.73 0.00	41.99 2.50 0.00	42.83 2.44 0.00	37.65 2.09 0.00	33.53 2.05 0.00
LWR___OSWEGATCHIE_HYD 23850	28.64 -1.35 0.00	26.73 -1.10 0.00	24.00 -0.86 0.00	25.08 -0.68 0.00	25.74 -0.69 0.00	27.19 -0.91 0.00	25.47 -0.85 0.00	27.66 -0.63 0.00	29.36 -0.72 0.00	28.32 -0.81 0.00	26.27 -0.84 0.00	26.14 -0.95 0.00	32.09 -1.24 0.00	36.97 -1.52 0.00	41.31 -1.78 0.00	42.26 -1.71 0.00	43.88 -1.88 0.00	51.45 -2.00 0.00	52.44 -1.36 0.00	40.09 -0.74 0.00	38.76 -0.73 0.00	39.63 -0.75 0.00	34.93 -0.63 0.00	30.65 -0.82 0.00
LYONS_FALL_HYD 23570	29.84 -0.15 0.00	27.70 -0.12 0.00	24.83 -0.03 0.00	25.95 0.19 0.00	26.62 0.19 0.00	28.15 0.05 0.00	26.43 0.10 0.00	28.52 0.23 0.00	30.28 0.21 0.00	29.36 0.23 0.00	27.27 0.16 0.00	27.22 0.13 0.00	33.40 0.07 0.00	38.54 0.06 0.00	43.10 0.02 0.00	44.06 0.09 0.00	46.14 0.38 0.00	54.17 0.72 0.00	54.85 1.05 0.00	41.58 0.75 0.00	40.15 0.66 0.00	41.02 0.64 0.00	36.03 0.46 0.00	31.70 0.22 0.00
MADISON___COUNTY_LFGE 323628	30.70 0.71 0.00	28.40 0.57 0.00	25.34 0.48 0.00	26.29 0.53 0.00	26.95 0.53 0.00	28.71 0.61 0.00	26.95 0.63 0.00	28.92 0.63 0.00	30.69 0.62 0.00	29.77 0.64 0.00	27.73 0.62 0.00	27.75 0.66 0.00	34.11 0.77 0.00	39.44 0.95 0.00	44.26 1.18 0.00	45.21 1.24 0.00	47.34 1.57 0.00	55.49 2.04 0.00	56.03 2.23 0.00	42.48 1.65 0.00	41.04 1.55 0.00	41.87 1.49 0.00	36.72 1.16 0.00	32.38 0.90 0.00
MALONE___115KV_TB1 356076	29.21 -0.78 0.00	27.35 -0.48 0.00	24.42 -0.44 0.00	25.32 -0.43 0.00	25.98 -0.45 0.00	27.50 -0.60 0.00	25.71 -0.62 0.00	28.06 -0.23 0.00	30.23 0.16 0.00	29.17 0.03 0.00	27.16 0.05 0.00	26.92 -0.17 0.00	33.29 -0.04 0.00	38.47 -0.01 0.00	43.31 0.22 0.00	44.41 0.43 0.00	45.87 0.11 0.00	53.45 0.00 0.00	54.31 0.50 0.00	41.62 0.78 0.00	40.42 0.93 0.00	41.25 0.87 0.00	36.33 0.77 0.00	31.60 0.12 0.00
MAPLEWOD_115KV_TB3 80458	30.83 0.84 0.00	28.52 0.69 0.00	25.46 0.60 0.00	26.38 0.61 0.00	27.04 0.62 0.00	28.77 0.67 0.00	27.01 0.69 0.00	28.95 0.66 0.00	30.73 0.66 0.00	29.86 0.72 0.00	28.67 0.57 -1.00	32.18 0.60 -4.49	33.96 0.62 0.00	39.25 0.76 0.00	43.98 0.90 0.00	44.88 0.91 0.00	46.97 1.21 0.00	54.90 1.45 0.00	55.15 1.34 0.00	41.89 1.06 0.00	40.35 0.86 0.00	41.20 0.81 0.00	36.28 0.71 0.00	32.31 0.84 0.00
MAPLE_RIDGE_WT_1 323574	29.15 -0.84 0.00	27.25 -0.58 0.00	24.48 -0.39 0.00	25.52 -0.24 0.00	26.26 -0.16 0.00	27.77 -0.33 0.00	25.86 -0.47 0.00	27.98 -0.31 0.00	29.89 -0.18 0.00	28.89 -0.24 0.00	26.88 -0.23 0.00	26.80 -0.30 0.00	32.94 -0.39 0.00	37.89 -0.60 0.00	42.33 -0.75 0.00	43.20 -0.77 0.00	44.74 -1.02 0.00	52.17 -1.27 0.00	52.65 -1.15 0.00	40.03 -0.80 0.00	38.75 -0.74 0.00	39.72 -0.66 0.00	35.07 -0.49 0.00	30.88 -0.59 0.00
MAPLE_RIDGE_WT_2 323611	29.15 -0.84 0.00	27.25 -0.58 0.00	24.48 -0.39 0.00	25.52 -0.24 0.00	26.26 -0.16 0.00	27.77 -0.33 0.00	25.86 -0.47 0.00	27.98 -0.31 0.00	29.89 -0.18 0.00	28.89 -0.24 0.00	26.88 -0.23 0.00	26.80 -0.30 0.00	32.94 -0.39 0.00	37.89 -0.60 0.00	42.33 -0.75 0.00	43.20 -0.77 0.00	44.74 -1.02 0.00	52.17 -1.27 0.00	52.65 -1.15 0.00	40.03 -0.80 0.00	38.75 -0.74 0.00	39.72 -0.66 0.00	35.07 -0.49 0.00	30.88 -0.59 0.00
MARBLE_RIVER_WT_PWR 323696	29.04 -0.95 0.00	27.19 -0.64 0.00	24.25 -0.61 0.00	25.14 -0.61 0.00	25.78 -0.64 0.00	19.06 -0.82 8.22	13.87 -0.85 11.61	27.88 -0.41 0.00	30.18 0.11 0.00	29.20 0.07 0.00	27.20 0.09 0.00	26.95 -0.14 0.00	33.42 0.09 0.00	38.70 0.21 0.00	43.61 0.53 0.00	44.75 0.78 0.00	46.25 0.49 0.00	53.84 0.40 0.00	54.72 0.92 0.00	41.81 0.97 0.00	40.55 1.06 0.00	41.33 0.95 0.00	36.42 0.86 0.00	31.66 0.19 0.00
MARSHVLE_115KV_TB1 80742	31.67 1.68 0.00	29.35 1.53 0.00	26.19 1.32 0.00	27.15 1.39 0.00	27.87 1.45 0.00	29.68 1.58 0.00	27.84 1.51 0.00	29.88 1.59 0.00	31.58 1.52 0.00	30.47 1.34 0.00	28.22 1.11 0.00	28.11 1.01 0.00	34.74 1.40 0.00	40.20 1.71 0.00	45.05 1.97 0.00	46.27 2.30 0.00	48.45 2.69 0.00	56.68 3.23 0.00	57.62 3.81 0.00	43.78 2.95 0.00	42.35 2.86 0.00	43.30 2.92 0.00	38.21 2.64 0.00	33.56 2.08 0.00
MARSH_HILL_WT_PWR 323713	31.26 1.27 0.00	28.79 0.96 0.00	25.59 0.72 0.00	26.41 0.66 0.00	27.20 0.78 0.00	29.00 0.90 0.00	27.30 0.98 0.00	29.21 0.92 0.00	31.06 0.99 0.00	30.53 1.40 0.00	28.53 1.43 0.00	28.74 1.65 0.00	35.54 2.20 0.00	41.09 2.60 0.00	46.18 3.10 0.00	46.84 2.87 0.00	49.59 3.82 0.00	58.39 4.95 0.00	59.22 5.41 0.00	44.41 3.58 0.00	42.82 3.32 0.00	43.61 3.22 0.00	37.89 2.33 0.00	33.21 1.74 0.00
MCINTYRE_115KV_TB2 80467	29.81 -0.18 0.00	27.88 0.05 0.00	24.97 0.11 0.00	25.94 0.18 0.00	26.64 0.21 0.00	28.25 0.15 0.00	26.40 0.08 0.00	28.55 0.26 0.00	30.27 0.20 0.00	28.97 -0.16 0.00	26.89 -0.21 0.00	26.71 -0.38 0.00	32.87 -0.47 0.00	37.85 -0.64 0.00	42.36 -0.73 0.00	43.30 -0.68 0.00	44.53 -1.23 0.00	51.76 -1.68 0.00	52.88 -0.92 0.00	41.08 0.24 0.00	40.18 0.69 0.00	41.12 0.74 0.00	36.27 0.70 0.00	31.72 0.24 0.00
MECO_____69_KV_BK1 80468	32.73 2.74 0.00	30.28 2.45 0.00	27.00 2.14 0.00	27.98 2.22 0.00	28.77 2.34 0.00	30.72 2.62 0.00	28.85 2.53 0.00	30.62 2.33 0.00	31.72 1.65 0.00	30.00 0.87 0.00	27.30 0.19 0.00	26.53 -0.57 0.00	33.33 -0.01 0.00	38.64 0.15 0.00	43.63 0.54 0.00	46.69 2.72 0.00	49.11 3.35 0.00	58.54 5.09 0.00	59.51 5.71 0.00	46.25 5.42 0.00	44.72 5.23 0.00	45.51 5.13 0.00	39.93 4.37 0.00	35.02 3.54 0.00
MENANDS___115KV_TB5 355628	30.62 0.63 0.00	28.33 0.50 0.00	25.29 0.43 0.00	26.21 0.45 0.00	26.86 0.44 0.00	28.58 0.48 0.00	26.84 0.51 0.00	28.76 0.47 0.00	30.54 0.47 0.00	29.68 0.55 0.00	28.52 0.41 -1.00	32.02 0.43 -4.49	33.76 0.42 0.00	39.00 0.52 0.00	43.69 0.60 0.00	44.55 0.57 0.00	46.60 0.84 0.00	54.44 1.00 0.00	54.68 0.88 0.00	41.54 0.70 0.00	39.99 0.50 0.00	40.84 0.46 0.00	35.96 0.40 0.00	32.07 0.59 0.00
MG INDUSTRY___DRP 24185	30.65 0.66 0.00	28.38 0.55 0.00	25.36 0.50 0.00	26.29 0.53 0.00	26.94 0.52 0.00	28.67 0.56 0.00	26.89 0.57 0.00	28.79 0.51 0.00	30.51 0.44 0.00	29.56 0.43 0.00	28.27 0.27 -0.88	31.35 0.27 -3.99	33.55 0.21 0.00	38.75 0.27 0.00	43.41 0.32 0.00	44.29 0.31 0.00	46.35 0.59 0.00	54.37 0.93 0.00	54.76 0.95 0.00	41.62 0.78 0.00	40.15 0.66 0.00	41.00 0.62 0.00	36.10 0.54 0.00	32.14 0.67 0.00

MID___OSWEGATCHIE_HYD 23849	28.64 -1.35 0.00	26.73 -1.10 0.00	24.00 -0.86 0.00	25.08 -0.68 0.00	25.74 -0.69 0.00	27.19 -0.91 0.00	25.47 -0.85 0.00	27.66 -0.63 0.00	29.36 -0.72 0.00	28.32 -0.81 0.00	26.27 -0.84 0.00	26.14 -0.95 0.00	32.09 -1.24 0.00	36.97 -1.52 0.00	41.31 -1.78 0.00	42.26 -1.71 0.00	43.88 -1.88 0.00	51.45 -2.00 0.00	52.44 -1.36 0.00	40.09 -0.74 0.00	38.76 -0.73 0.00	39.63 -0.75 0.00	34.93 -0.63 0.00	30.65 -0.82 0.00
MID___RAQUETTE_HYD 23851	28.76 -1.23 0.00	26.90 -0.92 0.00	24.11 -0.75 0.00	25.07 -0.69 0.00	25.74 -0.69 0.00	27.25 -0.85 0.00	25.49 -0.84 0.00	27.64 -0.65 0.00	29.45 -0.62 0.00	28.30 -0.83 0.00	26.29 -0.81 0.00	26.13 -0.97 0.00	32.14 -1.19 0.00	37.03 -1.46 0.00	41.48 -1.60 0.00	42.41 -1.57 0.00	43.60 -2.16 0.00	50.65 -2.79 0.00	51.48 -2.33 0.00	39.78 -1.06 0.00	38.72 -0.77 0.00	39.63 -0.75 0.00	35.07 -0.49 0.00	30.77 -0.71 0.00
MILLIKEN___1 23584	30.55 0.56 0.00	28.23 0.40 0.00	25.19 0.33 0.00	26.06 0.30 0.00	26.76 0.33 0.00	28.53 0.43 0.00	26.78 0.46 0.00	28.71 0.42 0.00	30.68 0.61 0.00	29.76 0.62 0.00	27.70 0.59 0.00	27.67 0.57 0.00	34.10 0.76 0.00	39.40 0.92 0.00	44.19 1.11 0.00	45.12 1.15 0.00	47.28 1.51 0.00	55.45 2.01 0.00	56.08 2.27 0.00	42.42 1.58 0.00	40.97 1.48 0.00	41.79 1.41 0.00	36.60 1.04 0.00	32.28 0.81 0.00
MILLIKEN___2 23585	30.55 0.56 0.00	28.23 0.40 0.00	25.19 0.33 0.00	26.06 0.30 0.00	26.76 0.33 0.00	28.53 0.43 0.00	26.78 0.46 0.00	28.71 0.42 0.00	30.68 0.61 0.00	29.76 0.62 0.00	27.70 0.59 0.00	27.67 0.57 0.00	34.10 0.76 0.00	39.40 0.92 0.00	44.19 1.11 0.00	45.12 1.15 0.00	47.28 1.51 0.00	55.45 2.01 0.00	56.08 2.27 0.00	42.42 1.58 0.00	40.97 1.48 0.00	41.79 1.41 0.00	36.60 1.04 0.00	32.28 0.81 0.00
MILLIKEN___DIESEL 23629	30.55 0.56 0.00	28.23 0.40 0.00	25.19 0.33 0.00	26.06 0.30 0.00	26.76 0.33 0.00	28.53 0.43 0.00	26.78 0.46 0.00	28.71 0.42 0.00	30.68 0.61 0.00	29.76 0.62 0.00	27.70 0.59 0.00	27.67 0.57 0.00	34.10 0.76 0.00	39.40 0.92 0.00	44.19 1.11 0.00	45.12 1.15 0.00	47.28 1.51 0.00	55.45 2.01 0.00	56.08 2.27 0.00	42.42 1.58 0.00	40.97 1.48 0.00	41.79 1.41 0.00	36.60 1.04 0.00	32.28 0.81 0.00
MILLSEAT___LFGE 323607	29.96 -0.03 0.00	27.76 -0.07 0.00	24.66 -0.20 0.00	25.46 -0.29 0.00	26.24 -0.18 0.00	27.93 -0.17 0.00	26.10 -0.22 0.00	27.77 -0.52 0.00	29.57 -0.50 0.00	29.11 -0.02 0.00	27.35 0.24 0.00	27.44 0.35 0.00	34.08 0.74 0.00	39.28 0.79 0.00	44.18 1.10 0.00	44.97 1.00 0.00	47.33 1.57 0.00	55.59 2.15 0.00	56.40 2.59 0.00	42.36 1.53 0.00	40.79 1.30 0.00	41.68 1.30 0.00	36.45 0.89 0.00	31.71 0.23 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.48 1.49 0.00	28.96 1.13 0.00	25.74 0.88 0.00	26.58 0.82 0.00	27.30 0.87 0.00	29.12 1.02 0.00	27.47 1.14 0.00	29.63 1.34 0.00	31.58 1.51 0.00	30.87 1.74 0.00	35.50 1.69 -6.70	59.06 1.73 -30.23	35.40 2.06 0.00	40.75 2.27 0.00	45.44 2.36 0.00	46.52 2.54 0.00	48.92 3.16 0.00	57.09 3.64 0.00	57.11 3.30 0.00	43.00 2.17 0.00	41.22 1.73 0.00	42.00 1.62 0.00	37.06 1.50 0.00	33.05 1.57 0.00
MILLWOOD_13_KV_LOAD 356217	31.57 1.58 0.00	29.04 1.21 0.00	25.81 0.95 0.00	26.65 0.89 0.00	27.36 0.94 0.00	29.18 1.09 0.00	27.53 1.21 0.00	29.70 1.42 0.00	31.67 1.60 0.00	30.97 1.84 0.00	35.59 1.78 -6.70	59.17 1.84 -30.23	35.53 2.19 0.00	40.92 2.44 0.00	45.64 2.56 0.00	46.71 2.73 0.00	49.15 3.39 0.00	57.35 3.90 0.00	57.37 3.56 0.00	43.18 2.35 0.00	41.39 1.90 0.00	42.17 1.79 0.00	37.19 1.63 0.00	33.16 1.69 0.00
MODEL_CITY_ENERGY 24167	29.02 -0.97 0.00	26.94 -0.88 0.00	23.94 -0.92 0.00	24.73 -1.03 0.00	25.49 -0.93 0.00	27.13 -0.97 0.00	25.30 -1.03 0.00	26.81 -1.48 0.00	28.58 -1.49 0.00	28.23 -0.90 0.00	26.58 -0.53 0.00	26.65 -0.44 0.00	33.11 -0.23 0.00	38.06 -0.43 0.00	42.76 -0.33 0.00	43.44 -0.53 0.00	45.69 -0.08 0.00	53.52 0.08 0.00	54.11 0.30 0.00	40.57 -0.26 0.00	39.11 -0.39 0.00	40.06 -0.32 0.00	35.16 -0.40 0.00	30.60 -0.87 0.00
MODERN_LFGE___ 323580	29.02 -0.97 0.00	26.94 -0.88 0.00	23.94 -0.92 0.00	24.73 -1.03 0.00	25.49 -0.93 0.00	27.13 -0.97 0.00	25.30 -1.03 0.00	26.81 -1.48 0.00	28.58 -1.49 0.00	28.23 -0.90 0.00	26.58 -0.53 0.00	26.65 -0.44 0.00	33.11 -0.23 0.00	38.06 -0.43 0.00	42.76 -0.33 0.00	43.44 -0.53 0.00	45.69 -0.08 0.00	53.52 0.08 0.00	54.11 0.30 0.00	40.57 -0.26 0.00	39.11 -0.39 0.00	40.06 -0.32 0.00	35.16 -0.40 0.00	30.60 -0.87 0.00
MOHAWK_PAPER___DRP 24187	30.83 0.84 0.00	28.52 0.69 0.00	25.46 0.60 0.00	26.38 0.61 0.00	27.04 0.62 0.00	28.77 0.67 0.00	27.01 0.69 0.00	28.95 0.66 0.00	30.73 0.66 0.00	29.86 0.72 0.00	28.67 0.57 -1.00	32.18 0.60 -4.49	33.96 0.62 0.00	39.25 0.76 0.00	43.98 0.90 0.00	44.88 0.91 0.00	46.97 1.21 0.00	54.90 1.45 0.00	55.15 1.34 0.00	41.89 1.06 0.00	40.35 0.86 0.00	41.20 0.81 0.00	36.28 0.71 0.00	32.31 0.84 0.00
MOHICAN___35_KV_115KV_LD 80490	32.37 2.38 0.00	29.83 2.00 0.00	26.55 1.69 0.00	27.58 1.82 0.00	28.28 1.86 0.00	30.16 2.06 0.00	28.41 2.08 0.00	30.41 2.13 0.00	32.13 2.06 0.00	31.13 2.00 0.00	29.62 1.56 -0.95	33.01 1.66 -4.26	35.20 1.86 0.00	40.78 2.29 0.00	45.85 2.77 0.00	46.80 2.82 0.00	49.17 3.41 0.00	57.61 4.17 0.00	58.32 4.51 0.00	44.32 3.49 0.00	42.87 3.38 0.00	43.71 3.33 0.00	38.50 2.94 0.00	34.19 2.72 0.00
MONGAUP___HYD 23641	31.44 1.45 0.00	28.96 1.13 0.00	25.75 0.89 0.00	26.61 0.85 0.00	27.30 0.88 0.00	29.12 1.02 0.00	27.43 1.11 0.00	29.54 1.25 0.00	31.38 1.31 0.00	30.49 1.36 0.00	22.96 1.16 5.31	4.28 1.14 23.95	34.69 1.35 0.00	39.91 1.43 0.00	44.91 1.83 0.00	45.95 1.98 0.00	48.21 2.45 0.00	56.22 2.77 0.00	56.66 2.86 0.00	43.19 2.35 0.00	41.50 2.01 0.00	42.28 1.90 0.00	37.26 1.69 0.00	33.08 1.60 0.00
MONTAUK___DIESEL 23721	33.17 3.18 0.00	30.48 2.65 0.00	27.04 2.18 0.00	27.74 1.98 0.00	28.47 2.05 0.00	30.40 2.30 0.00	28.81 2.48 0.00	31.16 2.87 0.00	33.24 3.17 0.00	32.74 3.61 0.00	37.11 3.65 -6.36	57.48 3.08 -27.31	37.03 3.69 0.00	42.71 4.22 0.00	47.42 4.34 0.00	48.16 4.19 0.00	51.03 5.27 0.00	59.08 5.63 0.00	58.95 5.14 0.00	43.59 2.76 0.00	43.35 3.86 0.00	44.38 3.99 0.00	39.72 3.85 -0.30	38.35 3.68 -3.20
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.20 0.21 0.00	27.95 0.12 0.00	24.83 -0.03 0.00	25.64 -0.12 0.00	26.42 0.00 0.00	28.07 -0.03 0.00	26.36 0.04 0.00	28.15 -0.14 0.00	29.96 -0.11 0.00	29.68 0.55 0.00	27.94 0.84 0.00	28.21 1.11 0.00	35.02 1.68 0.00	40.49 2.00 0.00	45.55 2.46 0.00	46.17 2.19 0.00	48.62 2.86 0.00	57.07 3.63 0.00	57.57 3.77 0.00	42.86 2.03 0.00	41.24 1.76 0.00	42.19 1.81 0.00	36.83 1.27 0.00	32.10 0.62 0.00

MORRIS_RIDGE___SOLAR 323848	29.47 -0.52 0.00	27.27 -0.55 0.00	24.26 -0.60 0.00	25.06 -0.70 0.00	25.80 -0.62 0.00	27.42 -0.68 0.00	25.71 -0.61 0.00	27.39 -0.90 0.00	29.18 -0.89 0.00	28.78 -0.35 0.00	27.03 -0.08 0.00	27.22 0.12 0.00	33.74 0.40 0.00	38.95 0.47 0.00	43.76 0.68 0.00	44.42 0.45 0.00	46.79 1.03 0.00	54.83 1.38 0.00	55.34 1.54 0.00	41.34 0.51 0.00	39.84 0.35 0.00	40.78 0.40 0.00	35.72 0.16 0.00	31.20 -0.27 0.00
MORTIMER_115KV_TB3 55949	29.82 -0.17 0.00	27.60 -0.23 0.00	24.56 -0.31 0.00	25.38 -0.38 0.00	26.13 -0.30 0.00	27.79 -0.31 0.00	25.98 -0.34 0.00	27.73 -0.55 0.00	29.52 -0.55 0.00	28.95 -0.18 0.00	27.16 0.05 0.00	27.27 0.17 0.00	33.80 0.46 0.00	39.03 0.55 0.00	43.86 0.78 0.00	44.72 0.75 0.00	46.97 1.21 0.00	55.04 1.60 0.00	55.57 1.77 0.00	41.80 0.97 0.00	40.22 0.74 0.00	41.04 0.66 0.00	35.96 0.39 0.00	31.48 0.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.71 1.72 0.00	29.17 1.34 0.00	25.92 1.06 0.00	26.75 0.99 0.00	27.48 1.06 0.00	29.33 1.23 0.00	27.67 1.35 0.00	29.86 1.57 0.00	31.86 1.79 0.00	31.18 2.05 0.00	35.11 2.00 -6.00	56.22 2.07 -27.05	35.83 2.49 0.00	41.22 2.73 0.00	45.90 2.81 0.00	46.97 3.00 0.00	49.43 3.67 0.00	57.64 4.19 0.00	57.63 3.82 0.00	43.37 2.54 0.00	41.58 2.09 0.00	42.36 1.98 0.00	37.42 1.85 0.00	33.37 1.89 0.00
MUNSVILLE_WIND_PWR 323609	32.07 2.08 0.00	29.46 1.64 0.00	26.26 1.40 0.00	27.08 1.32 0.00	27.89 1.47 0.00	29.85 1.75 0.00	28.05 1.73 0.00	30.07 1.78 0.00	32.03 1.96 0.00	31.03 1.90 0.00	28.91 1.81 0.00	28.72 1.63 0.00	35.36 2.02 0.00	40.72 2.23 0.00	45.75 2.66 0.00	46.77 2.79 0.00	49.31 3.55 0.00	58.05 4.60 0.00	59.10 5.30 0.00	44.91 4.08 0.00	43.50 4.01 0.00	44.25 3.86 0.00	38.72 3.16 0.00	34.02 2.54 0.00
N SALMON___HYD 24042	29.21 -0.78 0.00	27.35 -0.48 0.00	24.42 -0.44 0.00	25.32 -0.43 0.00	25.98 -0.45 0.00	27.50 -0.60 0.00	25.71 -0.62 0.00	28.06 -0.23 0.00	30.23 0.16 0.00	29.17 0.04 0.00	27.16 0.05 0.00	26.93 -0.16 0.00	33.29 -0.04 0.00	38.47 -0.01 0.00	43.31 0.22 0.00	44.41 0.43 0.00	45.87 0.11 0.00	53.45 0.00 0.00	54.31 0.50 0.00	41.62 0.78 0.00	40.42 0.93 0.00	41.25 0.87 0.00	36.33 0.77 0.00	31.60 0.12 0.00
N.AKRON__115KV_KNAPP 355671	29.83 -0.16 0.00	27.66 -0.17 0.00	24.57 -0.29 0.00	25.36 -0.40 0.00	26.15 -0.28 0.00	27.82 -0.28 0.00	25.99 -0.34 0.00	27.63 -0.66 0.00	29.44 -0.63 0.00	29.03 -0.10 0.00	27.29 0.18 0.00	27.38 0.29 0.00	34.04 0.70 0.00	39.21 0.72 0.00	44.09 1.01 0.00	44.84 0.86 0.00	47.17 1.41 0.00	55.36 1.92 0.00	56.08 2.28 0.00	42.13 1.29 0.00	40.55 1.06 0.00	41.45 1.06 0.00	36.28 0.72 0.00	31.54 0.06 0.00
N.BELMOR_69_KV_BK1 55787	32.08 2.09 0.00	29.50 1.67 0.00	26.18 1.32 0.00	26.94 1.18 0.00	27.66 1.24 0.00	29.53 1.43 0.00	27.90 1.57 0.00	30.15 1.87 0.00	32.09 2.02 0.00	31.43 2.30 0.00	35.79 2.32 -6.36	56.66 2.26 -27.31	35.99 2.65 0.00	41.43 2.94 0.00	46.03 2.94 0.00	46.99 3.02 0.00	49.57 3.81 0.00	57.82 4.38 0.00	57.82 4.02 0.00	43.78 2.95 0.00	41.91 2.42 0.00	42.76 2.38 0.00	38.13 2.26 -0.30	37.05 2.37 -3.20
N.E_GEN_SANDY PD 24062	31.13 1.14 0.00	30.55 0.93 -1.79	32.95 0.73 -7.35	27.26 0.76 -0.73	27.20 0.78 0.00	28.96 0.86 0.00	27.25 0.92 0.00	29.22 0.93 0.00	31.01 0.94 0.00	30.15 1.02 0.00	29.79 0.85 -1.83	36.21 0.87 -8.25	34.20 0.87 0.00	39.49 1.00 0.00	44.18 1.09 0.00	44.04 1.05 0.99	46.66 1.34 0.45	54.97 1.53 0.00	55.19 1.39 0.00	42.13 1.07 -0.22	40.28 0.79 0.00	41.12 0.74 0.00	36.20 0.72 0.08	32.60 1.00 -0.13
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.44 1.46 0.00	28.92 1.09 0.00	25.70 0.83 0.00	26.54 0.78 0.00	27.25 0.83 0.00	29.07 0.97 0.00	27.42 1.09 0.00	29.58 1.29 0.00	31.54 1.48 0.00	30.84 1.70 0.00	19.84 1.66 8.93	-11.46 1.72 40.27	35.37 2.04 0.00	40.72 2.23 0.00	45.40 2.32 0.00	46.48 2.51 0.00	48.91 3.15 0.00	57.09 3.64 0.00	57.10 3.30 0.00	42.95 2.12 0.00	41.12 1.63 0.00	41.90 1.52 0.00	36.95 1.38 0.00	32.94 1.47 0.00
N.QUEENS_27_KV_LOAD 356247	31.84 1.85 0.00	29.30 1.47 0.00	26.02 1.16 0.00	26.81 1.06 0.00	27.59 1.17 0.00	29.43 1.33 0.00	27.80 1.48 0.00	29.98 1.69 0.00	31.95 1.88 0.00	31.29 2.15 0.00	35.26 2.16 -6.00	56.34 2.19 -27.06	35.92 2.58 0.00	41.27 2.78 0.00	45.94 2.86 0.00	47.12 3.14 0.00	49.51 3.75 0.00	57.75 4.30 0.00	57.70 3.89 0.00	43.39 2.56 0.00	41.64 2.15 0.00	42.36 1.98 0.00	37.44 1.88 0.00	33.50 2.02 0.00
N.TROY___115KV_TB1 355778	31.17 1.18 0.00	28.83 1.01 0.00	25.71 0.85 0.00	26.67 0.91 0.00	27.34 0.92 0.00	29.10 1.00 0.00	27.33 1.00 0.00	29.24 0.95 0.00	30.99 0.92 0.00	30.08 0.95 -1.02	28.86 0.74 -4.59	32.44 0.76 0.00	34.10 0.76 0.00	39.41 0.93 0.00	44.16 1.07 0.00	44.97 1.00 0.00	47.03 1.27 0.00	54.93 1.49 0.00	55.28 1.48 0.00	42.07 1.23 0.00	40.54 1.05 0.00	41.43 1.04 0.00	36.50 0.94 0.00	32.58 1.11 0.00
NARROWS_GT1_1 24228	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT1_2 24229	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT1_3 24230	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT1_4 24231	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00

NARROWS_GT1_5 24232	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT1_6 24233	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT1_7 24234	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT1_8 24235	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT2_1 24236	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT2_2 24237	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT2_3 24238	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT2_4 24239	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT2_5 24240	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT2_6 24241	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT2_7 24242	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NARROWS_GT2_8 24243	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.87 4.43 0.00	57.88 4.08 0.00	43.59 2.75 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.18 1.19 0.00	28.86 1.03 0.00	25.78 0.91 0.00	26.73 0.97 0.00	27.39 0.96 0.00	29.16 1.06 0.00	27.37 1.05 0.00	29.29 1.01 0.00	31.02 0.94 0.00	29.97 0.84 0.00	27.62 0.51 0.00	27.59 0.49 0.00	33.82 0.48 0.00	39.18 0.69 0.00	44.02 0.94 0.00	45.02 1.04 0.00	47.28 1.52 0.00	55.60 2.15 0.00	56.29 2.49 0.00	42.90 2.07 0.00	41.42 1.93 0.00	42.22 1.83 0.00	37.04 1.47 0.00	32.86 1.39 0.00
NCHELSEA_115KV_TR2 355582	31.63 1.64 0.00	29.11 1.29 0.00	25.88 1.02 0.00	26.73 0.97 0.00	27.44 1.02 0.00	29.26 1.16 0.00	27.59 1.27 0.00	29.75 1.46 0.00	31.70 1.63 0.00	30.96 1.83 0.00	28.86 1.75 0.00	28.90 1.81 0.00	35.53 2.19 0.00	41.00 2.51 0.00	45.87 2.78 0.00	46.91 2.94 0.00	49.32 3.56 0.00	57.62 4.18 0.00	57.70 3.90 0.00	43.47 2.63 0.00	41.66 2.18 0.00	42.41 2.03 0.00	37.35 1.79 0.00	33.23 1.76 0.00
NEG CAPITAL___MECHNVIL 23645	31.80 1.81 0.00	29.36 1.53 0.00	26.15 1.30 0.00	27.14 1.38 0.00	27.83 1.41 0.00	29.65 1.55 0.00	27.88 1.56 0.00	29.87 1.58 0.00	31.65 1.58 0.00	30.76 1.63 0.00	29.44 1.35 -0.98	32.92 1.42 -4.41	34.94 1.60 0.00	40.44 1.95 0.00	45.30 2.22 0.00	46.24 2.26 0.00	48.50 2.74 0.00	56.53 3.08 0.00	57.04 3.24 0.00	43.36 2.53 0.00	41.85 2.36 0.00	42.67 2.29 0.00	37.53 1.97 0.00	33.40 1.93 0.00

NEG CENTRAL_HIGH_ACRES 23767	29.36 -0.63 0.00	27.17 -0.66 0.00	24.19 -0.67 0.00	25.02 -0.75 0.00	25.72 -0.71 0.00	27.39 -0.71 0.00	25.63 -0.70 0.00	27.40 -0.89 0.00	29.14 -0.93 0.00	28.53 -0.61 0.00	26.73 -0.37 0.00	26.85 -0.25 0.00	33.25 -0.09 0.00	38.43 -0.06 0.00	43.17 0.09 0.00	44.07 0.10 0.00	46.25 0.49 0.00	54.22 0.77 0.00	54.75 0.94 0.00	41.19 0.36 0.00	39.61 0.12 0.00	40.40 0.02 0.00	35.37 -0.20 0.00	31.00 -0.48 0.00
NEG CENTRAL___DRP 24199	30.02 0.03 0.00	27.75 -0.08 0.00	24.72 -0.14 0.00	25.56 -0.20 0.00	26.26 -0.16 0.00	27.98 -0.12 0.00	26.26 -0.06 0.00	28.11 -0.18 0.00	29.85 -0.22 0.00	29.19 0.05 0.00	27.25 0.14 0.00	27.36 0.27 0.00	33.81 0.47 0.00	39.06 0.57 0.00	43.86 0.78 0.00	44.79 0.82 0.00	47.07 1.30 0.00	55.29 1.84 0.00	55.86 2.05 0.00	42.06 1.23 0.00	40.53 1.04 0.00	41.32 0.94 0.00	36.18 0.61 0.00	31.83 0.36 0.00
NEG CENTRAL___INDECK 23768	30.61 0.62 0.00	28.27 0.44 0.00	25.14 0.28 0.00	25.97 0.21 0.00	26.74 0.31 0.00	28.45 0.35 0.00	26.71 0.39 0.00	28.48 0.19 0.00	30.14 0.07 0.00	29.47 0.34 0.00	27.59 0.49 0.00	27.68 0.58 0.00	34.18 0.85 0.00	38.90 0.41 0.00	43.40 0.31 0.00	44.11 0.13 0.00	46.45 0.69 0.00	54.56 1.11 0.00	55.15 1.34 0.00	41.83 1.00 0.00	40.59 1.11 0.00	41.44 1.05 0.00	36.89 1.33 0.00	32.45 0.97 0.00
NEG CENTRAL___SENECA 23627	30.06 0.07 0.00	27.78 -0.05 0.00	24.72 -0.15 0.00	25.55 -0.21 0.00	26.27 -0.15 0.00	27.98 -0.12 0.00	26.30 -0.03 0.00	28.14 -0.15 0.00	29.91 -0.16 0.00	29.28 0.15 0.00	27.36 0.25 0.00	27.50 0.40 0.00	34.00 0.67 0.00	39.24 0.75 0.00	44.08 1.00 0.00	44.96 0.99 0.00	47.33 1.57 0.00	55.66 2.21 0.00	56.27 2.46 0.00	42.28 1.45 0.00	40.71 1.22 0.00	41.51 1.13 0.00	36.33 0.76 0.00	31.89 0.41 0.00
NEG CENTRAL___STATE_STREET 24147	30.17 0.18 0.00	27.91 0.08 0.00	24.89 0.03 0.00	25.75 -0.01 0.00	26.44 0.01 0.00	28.16 0.06 0.00	26.41 0.08 0.00	28.25 -0.04 0.00	29.90 -0.17 0.00	29.10 -0.03 0.00	27.13 0.03 0.00	27.20 0.10 0.00	33.61 0.27 0.00	38.87 0.38 0.00	43.63 0.54 0.00	44.75 0.77 0.00	46.97 1.21 0.00	55.12 1.67 0.00	55.67 1.86 0.00	41.94 1.10 0.00	40.50 1.01 0.00	41.34 0.96 0.00	36.14 0.58 0.00	31.93 0.46 0.00
NEG MILLWOOD___DRP 24198	31.73 1.74 0.00	29.20 1.37 0.00	25.94 1.08 0.00	26.79 1.03 0.00	27.50 1.08 0.00	29.34 1.24 0.00	27.67 1.35 0.00	29.86 1.57 0.00	31.84 1.77 0.00	31.12 1.99 -1.97	30.99 1.92 -8.87	37.95 1.99 0.00	35.74 2.40 0.00	41.25 2.77 0.00	46.09 3.01 0.00	47.18 3.21 0.00	49.62 3.86 0.00	57.94 4.50 0.00	58.02 4.22 0.00	43.67 2.84 0.00	41.85 2.36 0.00	42.59 2.21 0.00	37.50 1.94 0.00	33.39 1.91 0.00
NEG NORTH_FLCN_SEA 23793	29.02 -0.97 0.00	27.18 -0.65 0.00	24.23 -0.63 0.00	25.11 -0.65 0.00	25.75 -0.67 0.00	19.03 -0.85 8.22	13.87 -0.85 11.61	28.00 -0.29 0.00	30.52 0.45 0.00	29.60 0.47 0.00	27.52 0.42 0.00	27.33 0.24 0.00	34.12 0.78 0.00	39.58 1.10 0.00	44.65 1.57 0.00	45.85 1.88 0.00	47.46 1.70 0.00	55.18 1.74 0.00	56.21 2.40 0.00	42.89 2.06 0.00	41.54 2.05 0.00	42.19 1.80 0.00	37.24 1.68 0.00	32.38 0.91 0.00
NEG NORTH_KES_CHATEGAY 23792	29.11 -0.88 0.00	27.26 -0.57 0.00	24.33 -0.53 0.00	25.22 -0.54 0.00	25.86 -0.57 0.00	19.15 -0.74 8.22	13.96 -0.76 11.61	27.93 -0.36 0.00	30.13 0.05 0.00	29.08 -0.05 0.00	27.10 -0.01 0.00	26.84 -0.25 0.00	33.23 -0.10 0.00	38.45 -0.04 0.00	43.32 0.23 0.00	44.43 0.46 0.00	45.86 0.10 0.00	53.48 0.04 0.00	54.38 0.57 0.00	41.60 0.76 0.00	40.39 0.91 0.00	41.22 0.83 0.00	36.29 0.73 0.00	31.53 0.06 0.00
NEG NORTH___ALICE_FALLS 23915	29.10 -0.89 0.00	27.24 -0.58 0.00	24.29 -0.57 0.00	25.17 -0.59 0.00	25.82 -0.60 0.00	19.11 -0.77 8.22	13.93 -0.78 11.61	28.05 -0.24 0.00	30.66 0.59 0.00	29.75 0.62 0.00	27.66 0.55 0.00	27.46 0.37 0.00	34.18 0.85 0.00	39.72 1.23 0.00	44.84 1.76 0.00	46.02 2.04 0.00	47.67 1.91 0.00	55.50 2.06 0.00	56.39 2.58 0.00	43.13 2.30 0.00	41.71 2.22 0.00	42.36 1.98 0.00	37.40 1.84 0.00	32.53 1.06 0.00
NEG NORTH___LWR_SARANAC 23913	29.10 -0.89 0.00	27.24 -0.58 0.00	24.29 -0.57 0.00	25.17 -0.59 0.00	25.82 -0.60 0.00	19.11 -0.77 8.22	13.93 -0.78 11.61	28.05 -0.24 0.00	30.66 0.59 0.00	29.75 0.62 0.00	27.66 0.55 0.00	27.46 0.37 0.00	34.18 0.85 0.00	39.72 1.23 0.00	44.84 1.76 0.00	46.02 2.04 0.00	47.67 1.91 0.00	55.50 2.06 0.00	56.39 2.58 0.00	43.13 2.30 0.00	41.71 2.22 0.00	42.36 1.98 0.00	37.40 1.84 0.00	32.53 1.06 0.00
NEG NORTH___PLATTSBURG 23628	29.10 -0.89 0.00	27.25 -0.58 0.00	24.29 -0.57 0.00	25.17 -0.59 0.00	25.82 -0.60 0.00	19.11 -0.77 8.22	13.93 -0.78 11.61	28.05 -0.24 0.00	30.66 0.59 0.00	29.75 0.62 0.00	27.66 0.55 0.00	27.46 0.37 0.00	34.18 0.85 0.00	39.72 1.23 0.00	44.84 1.76 0.00	46.02 2.04 0.00	47.67 1.91 0.00	55.50 2.06 0.00	56.39 2.58 0.00	43.13 2.30 0.00	41.71 2.22 0.00	42.36 1.98 0.00	37.40 1.84 0.00	32.53 1.06 0.00
NEG WEST_LEA_LOCKPORT 23791	29.29 -0.69 0.00	27.19 -0.64 0.00	24.16 -0.70 0.00	24.95 -0.82 0.00	25.72 -0.70 0.00	27.35 -0.75 0.00	25.51 -0.81 0.00	27.07 -1.22 0.00	28.86 -1.21 0.00	28.53 -0.61 0.00	26.84 -0.26 0.00	26.93 -0.16 0.00	33.46 0.12 0.00	38.50 0.01 0.00	43.27 0.18 0.00	43.96 -0.02 0.00	46.24 0.48 0.00	54.19 0.74 0.00	54.79 0.99 0.00	41.08 0.25 0.00	39.56 0.07 0.00	40.51 0.13 0.00	35.53 -0.03 0.00	30.91 -0.56 0.00
NEG WEST___LANCASTR 23811	29.60 -0.39 0.00	27.43 -0.40 0.00	24.38 -0.48 0.00	25.18 -0.58 0.00	25.94 -0.48 0.00	27.56 -0.54 0.00	25.78 -0.55 0.00	27.47 -0.82 0.00	29.29 -0.78 0.00	28.93 -0.20 0.00	27.20 0.10 0.00	27.36 0.27 0.00	33.95 0.61 0.00	39.19 0.70 0.00	44.07 0.99 0.00	44.74 0.77 0.00	47.09 1.33 0.00	55.19 1.75 0.00	55.70 1.89 0.00	41.58 0.75 0.00	40.04 0.55 0.00	40.99 0.61 0.00	35.90 0.33 0.00	31.34 -0.14 0.00
NEG_PENN_ALLEGHNY 23528	30.26 0.27 0.00	27.96 0.13 0.00	24.96 0.09 0.00	25.82 0.06 0.00	26.51 0.08 0.00	28.21 0.11 0.00	26.49 0.16 0.00	28.40 0.11 0.00	30.22 0.15 0.00	29.47 0.34 0.00	27.48 0.38 0.00	27.58 0.48 0.00	34.00 0.66 0.00	39.31 0.83 0.00	44.05 0.96 0.00	44.90 0.92 0.00	47.08 1.32 0.00	55.13 1.68 0.00	55.49 1.69 0.00	41.84 1.00 0.00	40.32 0.83 0.00	41.18 0.80 0.00	36.15 0.59 0.00	31.92 0.44 0.00
NEG___GEN_MONROE 24207	30.09 0.10 0.00	27.82 -0.01 0.00	24.77 -0.09 0.00	25.58 -0.18 0.00	26.31 -0.11 0.00	28.01 -0.09 0.00	26.20 -0.13 0.00	27.94 -0.35 0.00	29.73 -0.34 0.00	29.16 0.02 0.00	27.34 0.23 0.00	27.45 0.36 0.00	34.04 0.70 0.00	39.31 0.82 0.00	44.18 1.10 0.00	45.06 1.08 0.00	47.34 1.58 0.00	55.54 2.10 0.00	56.17 2.37 0.00	42.29 1.45 0.00	40.69 1.20 0.00	41.52 1.14 0.00	36.34 0.78 0.00	31.75 0.28 0.00

NEPA__ENERGY 23901	29.41 -0.58 0.00	27.22 -0.60 0.00	24.21 -0.65 0.00	25.02 -0.74 0.00	25.75 -0.67 0.00	27.32 -0.78 0.00	25.66 -0.67 0.00	27.37 -0.92 0.00	29.14 -0.92 0.00	28.83 -0.31 0.00	27.10 -0.01 0.00	27.41 0.31 0.00	34.00 0.66 0.00	39.33 0.85 0.00	44.22 1.14 0.00	44.80 0.83 0.00	47.17 1.41 0.00	55.39 1.94 0.00	55.81 2.01 0.00	41.38 0.55 0.00	39.90 0.41 0.00	40.91 0.53 0.00	35.75 0.19 0.00	31.24 -0.24 0.00
NEVERSink__HYD 23608	31.70 1.71 0.00	29.18 1.35 0.00	25.94 1.08 0.00	26.81 1.05 0.00	27.52 1.10 0.00	29.34 1.24 0.00	27.65 1.32 0.00	29.79 1.51 0.00	31.76 1.69 0.00	30.98 1.85 0.00	27.41 1.74 1.43	22.44 1.79 6.45	35.53 2.20 0.00	41.02 2.53 0.00	45.96 2.88 0.00	47.04 3.07 0.00	49.50 3.74 0.00	57.94 4.50 0.00	56.05 2.25 0.00	42.49 1.66 0.00	40.75 1.26 0.00	41.48 1.10 0.00	36.46 0.90 0.00	32.38 0.90 0.00
NEWKRMKL_115KV_TB1 55635	30.47 0.48 0.00	28.19 0.36 0.00	25.17 0.31 0.00	26.08 0.32 0.00	26.73 0.31 0.00	28.44 0.34 0.00	26.71 0.39 0.00	28.64 0.35 0.00	30.42 0.35 0.00	29.56 0.43 0.00	28.40 0.31 -0.98	31.85 0.34 -4.41	33.66 0.32 0.00	38.89 0.40 0.00	43.57 0.49 0.00	44.44 0.47 0.00	46.48 0.72 0.00	54.34 0.89 0.00	54.57 0.76 0.00	41.42 0.59 0.00	39.89 0.40 0.00	40.73 0.35 0.00	35.86 0.30 0.00	31.94 0.47 0.00
NEWTON__FALLS_HYD 23847	28.64 -1.35 0.00	26.73 -1.10 0.00	24.00 -0.86 0.00	25.08 -0.68 0.00	25.74 -0.69 0.00	27.19 -0.91 0.00	25.47 -0.85 0.00	27.66 -0.63 0.00	29.36 -0.72 0.00	28.32 -0.81 0.00	26.27 -0.84 0.00	26.14 -0.95 0.00	32.09 -1.24 0.00	36.97 -1.52 0.00	41.31 -1.78 0.00	42.26 -1.71 0.00	43.88 -1.88 0.00	51.45 -2.00 0.00	52.44 -1.36 0.00	40.09 -0.74 0.00	38.76 -0.73 0.00	39.63 -0.75 0.00	34.93 -0.63 0.00	30.65 -0.82 0.00
NGRID_A1_DSASP 323792	28.89 -1.10 0.00	26.83 -1.00 0.00	23.85 -1.01 0.00	24.64 -1.12 0.00	25.41 -1.01 0.00	26.97 -1.13 0.00	25.14 -1.19 0.00	26.68 -1.60 0.00	28.44 -1.63 0.00	28.11 -1.02 0.00	26.48 -0.63 0.00	26.54 -0.56 0.00	32.97 -0.37 0.00	37.85 -0.64 0.00	42.29 -0.80 0.00	42.96 -1.02 0.00	45.14 -0.62 0.00	52.86 -0.59 0.00	53.40 -0.40 0.00	40.03 -0.81 0.00	38.59 -0.90 0.00	39.56 -0.83 0.00	34.73 -0.83 0.00	30.27 -1.20 0.00
NGRID_A2_DSASP 323793	28.89 -1.10 0.00	26.83 -1.00 0.00	23.85 -1.01 0.00	24.64 -1.12 0.00	25.41 -1.01 0.00	26.97 -1.13 0.00	25.14 -1.19 0.00	26.68 -1.60 0.00	28.44 -1.63 0.00	28.11 -1.02 0.00	26.48 -0.63 0.00	26.54 -0.56 0.00	32.97 -0.37 0.00	37.85 -0.64 0.00	42.29 -0.80 0.00	42.96 -1.02 0.00	45.14 -0.62 0.00	52.86 -0.59 0.00	53.40 -0.40 0.00	40.03 -0.81 0.00	38.59 -0.90 0.00	39.56 -0.83 0.00	34.73 -0.83 0.00	30.27 -1.20 0.00
NGRID_A4_DSASP 323807	28.89 -1.10 0.00	26.83 -1.00 0.00	23.85 -1.01 0.00	24.64 -1.12 0.00	25.41 -1.01 0.00	26.97 -1.13 0.00	25.14 -1.19 0.00	26.68 -1.60 0.00	28.44 -1.63 0.00	28.11 -1.02 0.00	26.48 -0.63 0.00	26.54 -0.56 0.00	32.97 -0.37 0.00	37.85 -0.64 0.00	42.29 -0.80 0.00	42.96 -1.02 0.00	45.14 -0.62 0.00	52.86 -0.59 0.00	53.40 -0.40 0.00	40.03 -0.81 0.00	38.59 -0.90 0.00	39.56 -0.83 0.00	34.73 -0.83 0.00	30.27 -1.20 0.00
NIAGARA_115E_LBMP 323715	28.84 -1.15 0.00	26.79 -1.03 0.00	23.81 -1.05 0.00	24.60 -1.16 0.00	25.35 -1.07 0.00	26.99 -1.11 0.00	25.17 -1.16 0.00	26.64 -1.65 0.00	28.39 -1.68 0.00	28.06 -1.07 0.00	26.42 -0.69 0.00	26.49 -0.60 0.00	32.90 -0.44 0.00	37.79 -0.70 0.00	42.46 -0.62 0.00	43.13 -0.84 0.00	45.35 -0.41 0.00	53.12 -0.33 0.00	53.68 -0.12 0.00	40.25 -0.58 0.00	38.82 -0.67 0.00	39.78 -0.60 0.00	34.93 -0.63 0.00	30.41 -1.07 0.00
NIAGARA_115W_LBMP 323714	28.85 -1.14 0.00	26.80 -1.03 0.00	23.81 -1.05 0.00	24.61 -1.15 0.00	25.37 -1.05 0.00	26.93 -1.17 0.00	25.10 -1.23 0.00	26.64 -1.65 0.00	28.39 -1.68 0.00	28.06 -1.07 0.00	26.43 -0.68 0.00	26.49 -0.60 0.00	32.91 -0.43 0.00	37.78 -0.71 0.00	42.19 -0.89 0.00	42.85 -1.12 0.00	45.03 -0.73 0.00	52.72 -0.72 0.00	53.27 -0.53 0.00	39.93 -0.90 0.00	38.50 -0.99 0.00	39.47 -0.92 0.00	34.66 -0.90 0.00	30.21 -1.27 0.00
NIAGARA_230_LBMP 323716	28.92 -1.07 0.00	26.85 -0.98 0.00	23.86 -1.00 0.00	24.66 -1.10 0.00	25.42 -1.00 0.00	27.00 -1.11 0.00	25.16 -1.17 0.00	26.71 -1.58 0.00	28.47 -1.60 0.00	28.14 -1.00 0.00	26.48 -0.63 0.00	26.55 -0.55 0.00	32.95 -0.39 0.00	37.91 -0.58 0.00	42.56 -0.52 0.00	43.22 -0.75 0.00	45.45 -0.31 0.00	53.21 -0.24 0.00	53.77 -0.03 0.00	40.29 -0.54 0.00	38.83 -0.66 0.00	39.79 -0.59 0.00	34.94 -0.62 0.00	30.48 -0.99 0.00
NIAGARA__115KV_198_GIBSON 55903	28.85 -1.14 0.00	26.80 -1.03 0.00	23.82 -1.04 0.00	24.61 -1.15 0.00	25.38 -1.05 0.00	26.93 -1.17 0.00	25.10 -1.23 0.00	26.63 -1.66 0.00	28.39 -1.68 0.00	28.06 -1.07 0.00	26.43 -0.68 0.00	26.49 -0.60 0.00	32.91 -0.43 0.00	37.77 -0.72 0.00	42.20 -0.88 0.00	42.85 -1.12 0.00	45.04 -0.72 0.00	52.72 -0.72 0.00	53.26 -0.54 0.00	39.94 -0.89 0.00	38.50 -0.99 0.00	39.47 -0.92 0.00	34.66 -0.90 0.00	30.21 -1.27 0.00
NIAGARA____ 23760	28.92 -1.07 0.00	26.85 -0.98 0.00	23.86 -1.00 0.00	24.66 -1.10 0.00	25.42 -1.00 0.00	27.00 -1.11 0.00	25.16 -1.17 0.00	26.71 -1.58 0.00	28.47 -1.60 0.00	28.14 -1.00 0.00	26.48 -0.63 0.00	26.55 -0.55 0.00	32.95 -0.39 0.00	37.91 -0.58 0.00	42.56 -0.52 0.00	43.22 -0.75 0.00	45.45 -0.31 0.00	53.21 -0.24 0.00	53.77 -0.03 0.00	40.29 -0.54 0.00	38.83 -0.66 0.00	39.79 -0.59 0.00	34.94 -0.62 0.00	30.48 -0.99 0.00
NINE_MILE_1 23575	29.26 -0.73 0.00	27.10 -0.72 0.00	24.21 -0.66 0.00	25.06 -0.70 0.00	25.71 -0.71 0.00	27.37 -0.73 0.00	25.60 -0.73 0.00	27.40 -0.89 0.00	29.10 -0.97 0.00	28.29 -0.85 0.00	26.36 -0.74 0.00	26.41 -0.68 0.00	32.57 -0.76 0.00	37.66 -0.83 0.00	42.17 -0.92 0.00	43.05 -0.92 0.00	44.97 -0.78 0.00	52.61 -0.83 0.00	52.98 -0.82 0.00	40.13 -0.70 0.00	38.72 -0.76 0.00	39.55 -0.83 0.00	34.78 -0.78 0.00	30.76 -0.72 0.00
NINE_MILE_2 23744	29.26 -0.73 0.00	27.11 -0.72 0.00	24.21 -0.65 0.00	25.06 -0.69 0.00	25.71 -0.71 0.00	27.37 -0.73 0.00	25.60 -0.72 0.00	27.40 -0.89 0.00	29.10 -0.96 0.00	28.29 -0.85 0.00	26.36 -0.74 0.00	26.41 -0.68 0.00	32.57 -0.76 0.00	37.66 -0.83 0.00	42.17 -0.91 0.00	43.05 -0.92 0.00	44.97 -0.78 0.00	52.61 -0.83 0.00	52.98 -0.82 0.00	40.13 -0.70 0.00	38.72 -0.76 0.00	39.55 -0.83 0.00	34.78 -0.78 0.00	30.76 -0.72 0.00
NM_CAPITAL__DRP 24208	30.51 0.52 0.00	28.23 0.41 0.00	25.21 0.35 0.00	26.13 0.37 0.00	26.78 0.36 0.00	28.48 0.38 0.00	26.75 0.42 0.00	28.67 0.38 0.00	30.45 0.38 0.00	29.59 0.46 0.00	28.43 0.33 -0.99	31.93 0.36 -4.48	33.66 0.32 0.00	38.90 0.41 0.00	43.57 0.49 0.00	44.43 0.46 0.00	46.46 0.70 0.00	54.30 0.85 0.00	54.54 0.74 0.00	41.42 0.58 0.00	39.88 0.39 0.00	40.72 0.34 0.00	35.86 0.30 0.00	31.97 0.49 0.00

NM_CENTRAL___DRP 24181	29.88 -0.11 0.00	27.64 -0.19 0.00	24.66 -0.20 0.00	25.53 -0.23 0.00	26.19 -0.23 0.00	27.89 -0.21 0.00	26.13 -0.20 0.00	27.98 -0.31 0.00	29.72 -0.35 0.00	28.93 -0.20 0.00	26.99 -0.12 0.00	27.06 -0.04 0.00	33.39 0.06 0.00	38.63 0.15 0.00	43.27 0.18 0.00	44.15 0.18 0.00	46.22 0.46 0.00	54.10 0.66 0.00	54.48 0.68 0.00	41.19 0.36 0.00	39.70 0.21 0.00	40.54 0.16 0.00	35.60 0.04 0.00	31.43 -0.05 0.00
NM_FRONTIER___DRP 24179	28.85 -1.14 0.00	26.80 -1.03 0.00	23.82 -1.04 0.00	24.61 -1.15 0.00	25.38 -1.05 0.00	26.93 -1.17 0.00	25.10 -1.23 0.00	26.63 -1.66 0.00	28.39 -1.68 0.00	28.06 -1.07 0.00	26.43 -0.68 0.00	26.49 -0.60 0.00	32.91 -0.43 0.00	37.77 -0.72 0.00	42.20 -0.88 0.00	42.85 -1.12 0.00	45.04 -0.72 0.00	52.72 -0.72 0.00	53.26 -0.54 0.00	39.94 -0.89 0.00	38.50 -0.99 0.00	39.47 -0.92 0.00	34.66 -0.90 0.00	30.21 -1.27 0.00
NM_ST_REGIS___HYD 24053	28.88 -1.11 0.00	27.02 -0.80 0.00	24.20 -0.66 0.00	25.15 -0.61 0.00	25.80 -0.62 0.00	27.33 -0.77 0.00	25.56 -0.77 0.00	27.76 -0.53 0.00	29.68 -0.39 0.00	28.55 -0.59 0.00	26.53 -0.57 0.00	26.35 -0.74 0.00	32.47 -0.87 0.00	37.43 -1.06 0.00	41.99 -1.09 0.00	42.97 -1.01 0.00	44.23 -1.53 0.00	51.43 -2.01 0.00	52.27 -1.54 0.00	40.29 -0.54 0.00	39.20 -0.29 0.00	40.09 -0.29 0.00	35.44 -0.13 0.00	31.01 -0.47 0.00
NORTHPORT___1 23551	31.83 1.84 0.00	29.35 1.52 0.00	26.06 1.19 0.00	26.79 1.03 0.00	27.52 1.10 0.00	29.40 1.30 0.00	27.76 1.43 0.00	30.01 1.72 0.00	31.84 1.77 0.00	31.13 2.00 0.00	35.47 2.00 -6.36	56.14 1.74 -27.31	35.27 1.94 0.00	40.42 1.93 0.00	44.91 1.82 0.00	45.83 1.86 0.00	48.32 2.56 0.00	56.28 2.83 0.00	56.32 2.52 0.00	42.66 1.83 0.00	40.84 1.35 0.00	41.68 1.30 0.00	37.29 1.42 -0.30	36.53 1.85 -3.20
NORTHPORT___2 23552	31.83 1.84 0.00	29.35 1.52 0.00	26.06 1.19 0.00	26.79 1.03 0.00	27.52 1.10 0.00	29.40 1.30 0.00	27.76 1.43 0.00	30.01 1.72 0.00	31.84 1.77 0.00	31.13 2.00 0.00	35.47 2.00 -6.36	56.14 1.74 -27.31	35.27 1.94 0.00	40.42 1.93 0.00	44.91 1.82 0.00	45.83 1.86 0.00	48.32 2.56 0.00	56.28 2.83 0.00	56.32 2.52 0.00	42.66 1.83 0.00	40.84 1.35 0.00	41.68 1.30 0.00	37.29 1.42 -0.30	36.53 1.85 -3.20
NORTHPORT___3 23553	31.81 1.82 0.00	29.34 1.51 0.00	26.05 1.19 0.00	26.78 1.02 0.00	27.50 1.08 0.00	29.36 1.26 0.00	27.75 1.43 0.00	29.96 1.67 0.00	31.77 1.70 0.00	31.10 1.97 0.00	35.47 2.01 -6.36	56.05 1.65 -27.31	35.13 1.80 0.01	40.40 1.92 0.01	44.96 1.88 0.01	45.95 1.98 0.00	48.47 2.72 0.01	56.50 3.07 0.01	56.47 2.67 0.01	42.73 1.90 0.00	40.89 1.40 0.00	41.72 1.34 0.00	37.40 1.54 -0.30	36.69 2.01 -3.20
NORTHPORT___4 23650	31.81 1.82 0.00	29.34 1.51 0.00	26.05 1.19 0.00	26.78 1.02 0.00	27.50 1.08 0.00	29.36 1.26 0.00	27.75 1.43 0.00	29.96 1.67 0.00	31.77 1.70 0.00	31.10 1.97 0.00	35.47 2.01 -6.36	56.05 1.65 -27.31	35.13 1.80 0.01	40.40 1.92 0.01	44.96 1.88 0.01	45.95 1.98 0.00	48.47 2.72 0.01	56.50 3.07 0.01	56.47 2.67 0.01	42.73 1.90 0.00	40.89 1.40 0.00	41.72 1.34 0.00	37.40 1.54 -0.30	36.69 2.01 -3.20
NORTHPORT___IC 23718	31.83 1.84 0.00	29.35 1.52 0.00	26.05 1.19 0.00	26.79 1.03 0.00	27.52 1.10 0.00	29.40 1.30 0.00	27.76 1.43 0.00	30.01 1.72 0.00	31.84 1.76 0.00	31.13 2.00 0.00	35.47 2.00 -6.36	56.14 1.74 -27.31	35.28 1.94 0.00	40.42 1.93 0.00	44.90 1.82 0.00	45.82 1.85 0.00	48.32 2.56 0.00	56.29 2.84 0.00	56.32 2.52 0.00	42.66 1.83 0.00	40.84 1.35 0.00	41.68 1.30 0.00	37.29 1.43 -0.30	36.53 1.86 -3.20
NORTH___COUNTRY_ESR 323785	29.04 -0.95 0.00	27.21 -0.62 0.00	24.28 -0.58 0.00	25.17 -0.59 0.00	25.81 -0.62 0.00	19.08 -0.80 8.22	13.89 -0.82 11.61	27.86 -0.43 0.00	30.09 0.02 0.00	29.07 -0.06 0.00	27.09 -0.02 0.00	26.84 -0.26 0.00	33.22 -0.12 0.00	38.42 -0.06 0.00	43.29 0.21 0.00	44.40 0.42 0.00	45.84 0.07 0.00	53.40 -0.05 0.00	54.22 0.42 0.00	41.44 0.61 0.00	40.25 0.76 0.00	41.06 0.68 0.00	36.16 0.60 0.00	31.45 -0.02 0.00
NPX_GEN_1385_PROXY 323591	31.64 1.65 0.00	29.31 1.48 0.00	26.04 1.17 0.00	26.70 0.94 0.00	27.50 1.08 0.00	29.55 1.45 0.00	27.66 1.34 0.00	30.10 1.81 0.00	31.79 1.72 0.00	30.71 1.58 0.00	34.74 1.28 -6.36	55.42 1.02 -27.31	34.45 1.11 0.00	39.52 1.03 0.00	43.86 0.78 0.00	45.15 1.18 0.00	47.25 1.49 0.00	55.00 1.55 0.00	55.20 1.40 0.00	42.15 1.32 0.00	40.03 0.54 0.00	41.31 0.93 0.00	36.42 0.55 -0.30	35.91 1.23 -3.20
NPX_GEN_CSC 323557	31.70 1.71 0.00	29.16 1.34 0.00	25.89 1.03 0.00	26.58 0.82 0.00	27.28 0.86 0.00	29.12 1.02 0.00	27.57 1.25 0.00	29.79 1.50 0.00	31.63 1.56 0.00	31.00 1.87 0.00	35.40 1.94 -6.36	56.08 1.68 -27.31	35.32 1.98 0.00	40.64 2.15 0.00	45.21 2.13 0.00	46.15 2.18 0.00	48.89 3.13 0.00	56.95 3.51 0.00	56.93 3.13 0.00	42.99 2.16 0.00	41.34 1.85 0.00	42.12 1.74 0.00	37.64 1.78 -0.30	36.68 2.01 -3.20
NSINS_S___GLNS_FALLS 23858	32.33 2.34 0.00	29.80 1.97 0.00	26.53 1.67 0.00	27.55 1.79 0.00	28.25 1.82 0.00	30.13 2.03 0.00	28.38 2.06 0.00	30.39 2.10 0.00	32.11 2.04 0.00	31.12 1.99 0.00	29.60 1.55 -0.94	32.98 1.64 -4.25	35.18 1.85 0.00	40.76 2.27 0.00	45.82 2.74 0.00	46.80 2.83 0.00	49.17 3.41 0.00	57.60 4.16 0.00	58.35 4.55 0.00	44.33 3.50 0.00	42.89 3.40 0.00	43.72 3.34 0.00	38.49 2.93 0.00	34.18 2.70 0.00
NUCOR_STEEL___DRP 24197	30.15 0.16 0.00	27.89 0.06 0.00	24.88 0.01 0.00	25.74 -0.02 0.00	26.42 0.00 0.00	28.14 0.04 0.00	26.38 0.06 0.00	28.23 -0.06 0.00	29.88 -0.19 0.00	29.07 -0.06 0.00	27.10 -0.01 0.00	27.16 0.07 0.00	33.55 0.21 0.00	38.79 0.30 0.00	43.53 0.44 0.00	44.66 0.69 0.00	46.86 1.10 0.00	54.94 1.50 0.00	55.49 1.69 0.00	41.77 0.94 0.00	40.38 0.89 0.00	41.25 0.86 0.00	36.05 0.49 0.00	31.90 0.42 0.00
NUMBER_THREE_WT_PWR 323818	29.22 -0.77 0.00	27.21 -0.62 0.00	24.48 -0.38 0.00	25.72 -0.04 0.00	26.39 -0.03 0.00	27.77 -0.33 0.00	26.07 -0.26 0.00	28.23 -0.05 0.00	29.99 -0.08 0.00	29.04 -0.09 0.00	26.94 -0.17 0.00	26.85 -0.24 0.00	32.90 -0.44 0.00	37.90 -0.59 0.00	42.26 -0.83 0.00	43.23 -0.74 0.00	45.30 -0.46 0.00	53.29 -0.15 0.00	54.10 0.29 0.00	41.04 0.20 0.00	39.61 0.12 0.00	40.50 0.12 0.00	35.60 0.03 0.00	31.26 -0.22 0.00
NYISO_LBMP_REFERENCE 24008	29.99 0.00 0.00	27.83 0.00 0.00	24.86 0.00 0.00	25.76 0.00 0.00	26.42 0.00 0.00	28.10 0.00 0.00	26.32 0.00 0.00	28.29 0.00 0.00	30.07 0.00 0.00	29.13 0.00 0.00	27.11 0.00 0.00	27.09 0.00 0.00	33.34 0.00 0.00	38.49 0.00 0.00	43.08 0.00 0.00	43.97 0.00 0.00	45.76 0.00 0.00	53.44 0.00 0.00	53.80 0.00 0.00	40.83 0.00 0.00	39.49 0.00 0.00	40.38 0.00 0.00	35.56 0.00 0.00	31.47 0.00 0.00

NYPA_BRENTWD____GT 24164	32.21 2.23 0.00	29.65 1.83 0.00	26.31 1.45 0.00	27.06 1.30 0.00	27.77 1.35 0.00	29.67 1.57 0.00	28.04 1.71 0.00	30.23 1.94 0.00	32.10 2.03 0.00	31.43 2.30 0.00	35.78 2.31 -6.36	56.52 2.12 -27.31	35.83 2.50 0.00	41.13 2.64 0.00	45.75 2.67 0.00	46.50 2.53 0.00	49.07 3.31 0.00	57.19 3.75 0.00	57.25 3.45 0.00	43.51 2.68 0.00	41.69 2.20 0.00	42.53 2.15 0.00	38.06 2.19 -0.30	37.10 2.42 -3.20
NYPA_GOWANUS____GT5 24156	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.09 3.00 0.00	47.20 3.23 0.00	49.64 3.88 0.00	57.86 4.42 0.00	57.85 4.05 0.00	43.57 2.74 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NYPA_GOWANUS____GT6 24157	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.23 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.26 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.09 3.00 0.00	47.20 3.23 0.00	49.64 3.88 0.00	57.86 4.42 0.00	57.85 4.05 0.00	43.57 2.74 0.00	41.81 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00
NYPA_HARLEM__RVR__GT1 24160	31.76 1.77 0.00	29.23 1.40 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.54 1.12 0.00	29.37 1.27 0.00	27.73 1.40 0.00	29.90 1.61 0.00	31.86 1.79 0.00	31.19 2.06 0.00	35.17 2.06 -6.00	56.24 2.09 -27.06	35.79 2.45 0.00	41.12 2.64 0.00	45.77 2.69 0.00	46.92 2.94 0.00	49.30 3.54 0.00	57.50 4.05 0.00	57.48 3.68 0.00	43.25 2.42 0.00	41.50 2.01 0.00	42.24 1.85 0.00	37.32 1.76 0.00	33.40 1.93 0.00
NYPA_HARLEM__RVR__GT2 24161	31.76 1.77 0.00	29.23 1.40 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.54 1.12 0.00	29.37 1.27 0.00	27.73 1.40 0.00	29.90 1.61 0.00	31.86 1.79 0.00	31.19 2.06 0.00	35.17 2.06 -6.00	56.24 2.09 -27.06	35.79 2.45 0.00	41.12 2.64 0.00	45.77 2.69 0.00	46.92 2.94 0.00	49.30 3.54 0.00	57.50 4.05 0.00	57.48 3.68 0.00	43.25 2.42 0.00	41.50 2.01 0.00	42.24 1.85 0.00	37.32 1.76 0.00	33.40 1.93 0.00
NYPA_KENT____GT 24152	31.85 1.85 0.00	29.30 1.47 0.00	26.04 1.18 0.00	26.85 1.09 0.00	27.60 1.18 0.00	29.46 1.36 0.00	27.80 1.48 0.00	29.99 1.70 0.00	32.00 1.93 0.00	31.34 2.21 0.00	35.29 2.18 -6.00	56.39 2.23 -27.06	39.14 2.70 -3.11	41.75 2.90 -0.37	46.02 2.94 0.00	47.13 3.15 0.00	49.57 3.80 0.00	57.78 4.34 0.00	57.76 3.96 0.00	43.48 2.65 0.00	41.71 2.22 0.00	42.46 2.08 0.00	39.66 1.99 -2.11	33.53 2.05 0.00
NYPA_POUCH1____GT 24155	31.82 1.83 0.00	29.29 1.46 0.00	26.03 1.17 0.00	26.86 1.10 0.00	27.61 1.19 0.00	29.47 1.37 0.00	27.79 1.47 0.00	29.94 1.65 0.00	31.95 1.88 0.00	31.28 2.15 0.00	35.21 2.10 -6.00	56.30 2.15 -27.06	41.20 2.57 -5.30	41.89 2.78 -0.63	45.92 2.83 0.00	47.06 3.09 0.00	49.47 3.71 0.00	57.66 4.21 0.00	57.67 3.87 0.00	43.48 2.65 0.00	41.75 2.26 0.00	42.44 2.06 0.00	41.11 1.95 -3.60	33.50 2.02 0.00
NYPA_VERNON____GT2 24162	31.79 1.80 0.00	29.25 1.41 0.00	26.00 1.13 0.00	26.81 1.05 0.00	27.55 1.13 0.00	29.41 1.31 0.00	27.77 1.44 0.00	29.95 1.66 0.00	31.96 1.89 0.00	31.30 2.17 0.00	35.26 2.15 -6.00	56.36 2.21 -27.06	36.92 2.66 -0.92	41.47 2.88 -0.11	46.00 2.92 0.00	47.09 3.12 0.00	49.53 3.77 0.00	57.74 4.30 0.00	57.71 3.90 0.00	43.43 2.59 0.00	41.64 2.15 0.00	42.41 2.03 0.00	38.11 1.92 -0.63	33.48 2.00 0.00
NYPA_VERNON____GT3 24163	31.79 1.80 0.00	29.25 1.41 0.00	26.00 1.13 0.00	26.81 1.05 0.00	27.55 1.13 0.00	29.41 1.31 0.00	27.77 1.44 0.00	29.95 1.66 0.00	31.96 1.89 0.00	31.30 2.17 0.00	35.26 2.15 -6.00	56.36 2.21 -27.06	36.92 2.66 -0.92	41.47 2.88 -0.11	46.00 2.92 0.00	47.09 3.12 0.00	49.53 3.77 0.00	57.74 4.30 0.00	57.71 3.90 0.00	43.43 2.59 0.00	41.64 2.15 0.00	42.41 2.03 0.00	38.11 1.92 -0.63	33.48 2.00 0.00
NYPA__ASTORIA_CC1 323568	31.76 1.77 0.00	29.22 1.39 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.51 1.09 0.00	29.35 1.25 0.00	27.72 1.40 0.00	29.89 1.60 0.00	31.90 1.83 0.00	31.24 2.11 0.00	35.19 2.09 -6.00	56.29 2.14 -27.06	35.92 2.59 0.00	41.28 2.79 0.00	45.91 2.82 0.00	46.98 3.01 0.00	49.42 3.66 0.00	57.61 4.16 0.00	57.59 3.78 0.00	43.34 2.51 0.00	41.56 2.07 0.00	42.33 1.95 0.00	37.41 1.85 0.00	33.43 1.95 0.00
NYPA__ASTORIA_CC2 323569	31.76 1.77 0.00	29.22 1.39 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.51 1.09 0.00	29.35 1.25 0.00	27.72 1.40 0.00	29.89 1.60 0.00	31.90 1.83 0.00	31.24 2.11 0.00	35.19 2.09 -6.00	56.29 2.14 -27.06	35.92 2.59 0.00	41.28 2.79 0.00	45.91 2.82 0.00	46.98 3.01 0.00	49.42 3.66 0.00	57.61 4.16 0.00	57.59 3.78 0.00	43.34 2.51 0.00	41.56 2.07 0.00	42.33 1.95 0.00	37.41 1.85 0.00	33.43 1.95 0.00
NYPA__HOLTSVILL 23794	31.85 1.86 0.00	29.33 1.50 0.00	26.04 1.18 0.00	26.77 1.01 0.00	27.47 1.05 0.00	29.32 1.22 0.00	27.75 1.42 0.00	29.96 1.67 0.00	31.79 1.72 0.00	31.14 2.01 0.00	35.51 2.04 -6.36	56.22 1.82 -27.31	35.48 2.14 0.00	40.75 2.26 0.00	45.28 2.19 0.00	46.20 2.23 0.00	48.87 3.10 0.00	56.91 3.47 0.00	56.92 3.12 0.00	43.08 2.24 0.00	41.32 1.83 0.00	42.11 1.73 0.00	37.66 1.79 -0.30	36.76 2.08 -3.20
NYPA__HELLGATE_GT1 24158	31.76 1.77 0.00	29.23 1.40 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.54 1.12 0.00	29.37 1.27 0.00	27.73 1.40 0.00	29.90 1.61 0.00	31.86 1.79 0.00	31.19 2.06 0.00	35.17 2.06 -6.00	56.24 2.09 -27.06	35.79 2.45 0.00	41.12 2.64 0.00	45.77 2.69 0.00	46.92 2.94 0.00	49.30 3.54 0.00	57.50 4.05 0.00	57.48 3.68 0.00	43.25 2.42 0.00	41.50 2.01 0.00	42.24 1.85 0.00	37.32 1.76 0.00	33.41 1.93 0.00
NYPA__HELLGATE_GT2 24159	31.76 1.77 0.00	29.23 1.40 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.54 1.12 0.00	29.37 1.27 0.00	27.73 1.40 0.00	29.90 1.61 0.00	31.86 1.79 0.00	31.19 2.06 0.00	35.17 2.06 -6.00	56.24 2.09 -27.06	35.79 2.45 0.00	41.12 2.64 0.00	45.77 2.69 0.00	46.92 2.94 0.00	49.30 3.54 0.00	57.50 4.05 0.00	57.48 3.68 0.00	43.25 2.42 0.00	41.50 2.01 0.00	42.24 1.85 0.00	37.32 1.76 0.00	33.41 1.93 0.00
NYS_BARGE__HYD 23848	29.33 -0.66 0.00	27.22 -0.61 0.00	24.18 -0.68 0.00	24.97 -0.79 0.00	25.74 -0.68 0.00	27.39 -0.71 0.00	25.55 -0.77 0.00	27.11 -1.18 0.00	28.91 -1.16 0.00	28.55 -0.58 0.00	26.88 -0.23 0.00	26.96 -0.13 0.00	33.50 0.16 0.00	38.55 0.06 0.00	43.31 0.23 0.00	44.02 0.04 0.00	46.31 0.55 0.00	54.27 0.82 0.00	54.91 1.10 0.00	41.16 0.32 0.00	39.64 0.16 0.00	40.58 0.20 0.00	35.59 0.03 0.00	30.96 -0.51 0.00

OAK ORCHARD___HYD 24046	29.82 -0.17 0.00	27.60 -0.23 0.00	24.55 -0.31 0.00	25.38 -0.38 0.00	26.12 -0.30 0.00	27.79 -0.31 0.00	25.98 -0.34 0.00	27.74 -0.55 0.00	29.52 -0.55 0.00	28.95 -0.18 0.00	27.16 0.05 0.00	27.27 0.18 0.00	33.80 0.46 0.00	39.04 0.55 0.00	43.86 0.78 0.00	44.72 0.75 0.00	46.97 1.21 0.00	55.04 1.59 0.00	55.57 1.77 0.00	41.79 0.96 0.00	40.22 0.73 0.00	41.04 0.66 0.00	35.96 0.39 0.00	31.48 0.00 0.00
OAKDALE___35_KV_LOAD 356122	30.17 0.18 0.00	27.89 0.06 0.00	24.89 0.03 0.00	25.77 0.01 0.00	26.44 0.02 0.00	28.15 0.05 0.00	26.41 0.08 0.00	28.31 0.02 0.00	30.12 0.05 0.00	29.38 0.25 0.00	27.40 0.29 0.00	27.48 0.39 0.00	33.88 0.54 0.00	39.16 0.67 0.00	43.86 0.78 0.00	44.71 0.74 0.00	46.87 1.11 0.00	54.85 1.41 0.00	55.22 1.41 0.00	41.62 0.79 0.00	40.13 0.64 0.00	41.01 0.62 0.00	36.01 0.45 0.00	31.81 0.33 0.00
OCC_CHEM___DRP 24175	28.90 -1.09 0.00	26.83 -1.00 0.00	23.86 -1.00 0.00	24.64 -1.12 0.00	25.42 -1.00 0.00	26.97 -1.13 0.00	25.13 -1.19 0.00	26.68 -1.61 0.00	28.44 -1.63 0.00	28.11 -1.02 0.00	26.48 -0.63 0.00	26.53 -0.56 0.00	32.97 -0.37 0.00	37.84 -0.64 0.00	42.30 -0.78 0.00	42.96 -1.02 0.00	45.14 -0.62 0.00	52.87 -0.58 0.00	53.40 -0.41 0.00	40.05 -0.79 0.00	38.59 -0.90 0.00	39.56 -0.82 0.00	34.73 -0.83 0.00	30.27 -1.21 0.00
OH_GEN_PROXY 24063	28.95 -1.04 0.00	26.86 -0.97 0.00	23.87 -0.99 0.00	24.68 -1.08 0.00	25.44 -0.98 0.00	27.01 -1.09 0.00	25.19 -1.13 0.00	26.77 -1.52 0.00	28.53 -1.54 0.00	28.17 -0.97 0.00	26.50 -0.61 0.00	26.57 -0.52 0.00	32.98 -0.36 0.00	37.95 -0.53 0.00	42.63 -0.45 0.00	43.30 -0.67 0.00	45.52 -0.24 0.00	53.30 -0.14 0.00	53.84 0.04 0.00	40.34 -0.49 0.00	38.87 -0.62 0.00	39.82 -0.56 0.00	34.96 -0.60 0.00	30.50 -0.98 0.00
OLIN_CORP_DRP 24177	28.88 -1.11 0.00	26.82 -1.00 0.00	23.85 -1.01 0.00	24.63 -1.13 0.00	25.38 -1.04 0.00	27.02 -1.08 0.00	25.18 -1.14 0.00	26.67 -1.62 0.00	28.43 -1.63 0.00	28.09 -1.04 0.00	26.44 -0.66 0.00	26.52 -0.58 0.00	32.94 -0.40 0.00	37.84 -0.65 0.00	42.53 -0.55 0.00	43.19 -0.79 0.00	45.41 -0.35 0.00	53.20 -0.25 0.00	53.76 -0.05 0.00	40.31 -0.52 0.00	38.85 -0.64 0.00	39.82 -0.56 0.00	34.97 -0.60 0.00	30.44 -1.04 0.00
OLIN_CORP_DSASP 323712	28.89 -1.10 0.00	26.83 -1.00 0.00	23.85 -1.01 0.00	24.64 -1.12 0.00	25.41 -1.01 0.00	26.97 -1.13 0.00	25.14 -1.19 0.00	26.68 -1.60 0.00	28.44 -1.63 0.00	28.11 -1.02 0.00	26.48 -0.63 0.00	26.54 -0.56 0.00	32.97 -0.37 0.00	37.85 -0.64 0.00	42.29 -0.80 0.00	42.96 -1.02 0.00	45.14 -0.62 0.00	52.86 -0.59 0.00	53.40 -0.40 0.00	40.03 -0.81 0.00	38.59 -0.90 0.00	39.56 -0.83 0.00	34.73 -0.83 0.00	30.27 -1.20 0.00
ONEIDA_HERK_LFGE 323681	30.13 0.14 0.00	27.94 0.11 0.00	25.00 0.14 0.00	26.05 0.29 0.00	26.72 0.30 0.00	28.34 0.23 0.00	26.60 0.27 0.00	28.65 0.36 0.00	30.43 0.36 0.00	29.51 0.38 0.00	27.43 0.32 0.00	27.39 0.30 0.00	33.64 0.30 0.00	38.85 0.36 0.00	43.49 0.40 0.00	44.43 0.46 0.00	46.50 0.74 0.00	54.55 1.10 0.00	55.16 1.35 0.00	41.82 0.99 0.00	40.37 0.88 0.00	41.23 0.84 0.00	36.20 0.64 0.00	31.90 0.42 0.00
ONEIDA___115KV_TB4 55905	30.70 0.71 0.00	28.40 0.57 0.00	25.34 0.48 0.00	26.29 0.53 0.00	26.95 0.53 0.00	28.71 0.61 0.00	26.95 0.63 0.00	28.92 0.63 0.00	30.69 0.62 0.00	29.77 0.64 0.00	27.73 0.62 0.00	27.75 0.66 0.00	34.11 0.77 0.00	39.44 0.95 0.00	44.26 1.18 0.00	45.21 1.24 0.00	47.34 1.57 0.00	55.49 2.04 0.00	56.03 2.23 0.00	42.48 1.65 0.00	41.04 1.55 0.00	41.87 1.49 0.00	36.72 1.16 0.00	32.38 0.90 0.00
ONONDAGA_REF_OCCRA 23987	30.00 0.00 0.00	27.75 -0.07 0.00	24.75 -0.11 0.00	25.63 -0.13 0.00	26.29 -0.13 0.00	28.00 -0.10 0.00	26.23 -0.09 0.00	28.09 -0.20 0.00	29.84 -0.23 0.00	29.04 -0.09 0.00	27.09 -0.02 0.00	27.17 0.08 0.00	33.53 0.19 0.00	38.79 0.30 0.00	43.47 0.38 0.00	44.36 0.39 0.00	46.44 0.68 0.00	54.36 0.92 0.00	54.76 0.96 0.00	41.39 0.56 0.00	39.89 0.41 0.00	40.73 0.35 0.00	35.75 0.19 0.00	31.56 0.08 0.00
ONONDAGA___COGEN 23986	30.10 0.11 0.00	27.86 0.03 0.00	24.83 -0.03 0.00	25.73 -0.03 0.00	26.40 -0.03 0.00	28.11 0.01 0.00	26.33 0.00 0.00	28.19 -0.10 0.00	29.92 -0.15 0.00	29.11 -0.02 0.00	27.15 0.04 0.00	27.22 0.13 0.00	33.61 0.27 0.00	38.86 0.37 0.00	43.58 0.49 0.00	44.51 0.54 0.00	46.60 0.84 0.00	54.58 1.13 0.00	55.01 1.20 0.00	41.55 0.72 0.00	40.07 0.58 0.00	40.89 0.51 0.00	35.88 0.31 0.00	31.69 0.21 0.00
ONTARIO___LFGE 23819	30.07 0.07 0.00	27.78 -0.05 0.00	24.72 -0.15 0.00	25.55 -0.21 0.00	26.27 -0.15 0.00	27.98 -0.12 0.00	26.30 -0.03 0.00	28.14 -0.15 0.00	29.91 -0.16 0.00	29.28 0.15 0.00	27.36 0.25 0.00	27.50 0.41 0.00	34.00 0.66 0.00	39.24 0.75 0.00	44.08 1.00 0.00	44.96 0.99 0.00	47.33 1.57 0.00	55.66 2.21 0.00	56.27 2.47 0.00	42.28 1.44 0.00	40.72 1.23 0.00	41.51 1.12 0.00	36.33 0.76 0.00	31.89 0.41 0.00
ORANGEVILLE_WT_PWR 323706	29.45 -0.54 0.00	27.28 -0.55 0.00	24.24 -0.62 0.00	25.05 -0.71 0.00	25.80 -0.63 0.00	27.41 -0.69 0.00	25.66 -0.66 0.00	27.34 -0.95 0.00	29.13 -0.94 0.00	28.75 -0.38 0.00	27.02 -0.09 0.00	27.19 0.10 0.00	33.74 0.40 0.00	38.92 0.43 0.00	43.72 0.64 0.00	44.40 0.43 0.00	46.75 0.99 0.00	54.75 1.30 0.00	55.30 1.49 0.00	41.32 0.49 0.00	39.82 0.33 0.00	40.76 0.38 0.00	35.70 0.14 0.00	31.14 -0.34 0.00
ORANGEVILLE___ESR 323794	29.45 -0.54 0.00	27.28 -0.55 0.00	24.24 -0.62 0.00	25.05 -0.71 0.00	25.80 -0.63 0.00	27.41 -0.69 0.00	25.66 -0.66 0.00	27.34 -0.95 0.00	29.13 -0.94 0.00	28.75 -0.38 0.00	27.02 -0.09 0.00	27.19 0.10 0.00	33.74 0.40 0.00	38.92 0.43 0.00	43.72 0.64 0.00	44.40 0.43 0.00	46.75 0.99 0.00	54.75 1.30 0.00	55.30 1.49 0.00	41.32 0.49 0.00	39.82 0.33 0.00	40.76 0.38 0.00	35.70 0.14 0.00	31.14 -0.34 0.00
OSWEGATCHIE___HYD 24044	28.64 -1.35 0.00	26.72 -1.11 0.00	24.00 -0.86 0.00	25.08 -0.68 0.00	25.74 -0.69 0.00	27.18 -0.92 0.00	25.47 -0.85 0.00	27.66 -0.63 0.00	29.36 -0.71 0.00	28.32 -0.81 0.00	26.27 -0.84 0.00	26.14 -0.95 0.00	32.09 -1.24 0.00	36.97 -1.52 0.00	41.31 -1.77 0.00	42.26 -1.71 0.00	43.88 -1.88 0.00	51.45 -2.00 0.00	52.44 -1.36 0.00	40.09 -0.74 0.00	38.76 -0.73 0.00	39.63 -0.75 0.00	34.93 -0.63 0.00	30.66 -0.82 0.00
OSWEGO___5 23606	29.46 -0.52 0.00	27.29 -0.54 0.00	24.36 -0.50 0.00	25.23 -0.54 0.00	25.89 -0.53 0.00	27.54 -0.56 0.00	25.78 -0.55 0.00	27.60 -0.69 0.00	29.32 -0.75 0.00	28.51 -0.63 0.00	26.56 -0.54 0.00	26.61 -0.48 0.00	32.82 -0.52 0.00	37.94 -0.55 0.00	42.48 -0.60 0.00	43.36 -0.61 0.00	45.31 -0.45 0.00	53.01 -0.43 0.00	53.41 -0.40 0.00	40.43 -0.40 0.00	39.02 -0.47 0.00	39.86 -0.52 0.00	35.04 -0.53 0.00	30.97 -0.50 0.00

OSWEGO___6 23613	29.46 -0.52 0.00	27.29 -0.54 0.00	24.36 -0.50 0.00	25.23 -0.54 0.00	25.89 -0.53 0.00	27.54 -0.56 0.00	25.78 -0.55 0.00	27.60 -0.69 0.00	29.32 -0.75 0.00	28.51 -0.63 0.00	26.56 -0.54 0.00	26.61 -0.48 0.00	32.82 -0.52 0.00	37.94 -0.55 0.00	42.48 -0.60 0.00	43.36 -0.61 0.00	45.31 -0.45 0.00	53.01 -0.43 0.00	53.41 -0.40 0.00	40.43 -0.40 0.00	39.02 -0.47 0.00	39.86 -0.52 0.00	35.04 -0.53 0.00	30.97 -0.50 0.00
OUTOKUMPU-AB___DRP 24206	29.55 -0.44 0.00	27.39 -0.44 0.00	24.35 -0.51 0.00	25.12 -0.64 0.00	25.89 -0.53 0.00	27.51 -0.59 0.00	25.68 -0.64 0.00	27.30 -0.99 0.00	29.12 -0.95 0.00	28.79 -0.33 0.00	27.13 0.02 0.00	27.26 0.17 0.00	33.84 0.50 0.00	38.98 0.50 0.00	43.72 0.64 0.00	44.45 0.47 0.00	46.74 0.98 0.00	54.78 1.33 0.00	55.33 1.52 0.00	41.45 0.62 0.00	39.87 0.38 0.00	40.82 0.44 0.00	35.78 0.21 0.00	31.11 -0.36 0.00
OXBOW___BTM 323836	29.24 -0.75 0.00	27.13 -0.70 0.00	24.11 -0.75 0.00	24.89 -0.87 0.00	25.67 -0.76 0.00	27.25 -0.85 0.00	25.42 -0.91 0.00	27.01 -1.28 0.00	28.80 -1.27 0.00	28.49 -0.64 0.00	26.84 -0.27 0.00	26.94 -0.15 0.00	33.46 0.12 0.00	38.50 0.01 0.00	43.10 0.01 0.00	43.80 -0.18 0.00	46.04 0.28 0.00	53.96 0.51 0.00	54.49 0.68 0.00	40.82 -0.02 0.00	39.31 -0.18 0.00	40.26 -0.13 0.00	35.31 -0.26 0.00	30.72 -0.75 0.00
OXBOW____ 24026	29.24 -0.75 0.00	27.13 -0.70 0.00	24.12 -0.74 0.00	24.89 -0.87 0.00	25.67 -0.75 0.00	27.25 -0.85 0.00	25.42 -0.90 0.00	27.01 -1.28 0.00	28.80 -1.27 0.00	28.49 -0.65 0.00	26.84 -0.27 0.00	26.94 -0.15 0.00	33.46 0.12 0.00	38.49 0.00 0.00	43.11 0.02 0.00	43.80 -0.18 0.00	46.04 0.28 0.00	53.95 0.51 0.00	54.49 0.68 0.00	40.84 0.00 0.00	39.31 -0.18 0.00	40.26 -0.13 0.00	35.31 -0.25 0.00	30.72 -0.75 0.00
OXY_CHEM_DSASP 323612	28.90 -1.09 0.00	26.83 -1.00 0.00	23.86 -1.00 0.00	24.64 -1.12 0.00	25.42 -1.00 0.00	26.97 -1.13 0.00	25.13 -1.19 0.00	26.68 -1.61 0.00	28.44 -1.63 0.00	28.11 -1.02 0.00	26.48 -0.63 0.00	26.53 -0.56 0.00	32.97 -0.37 0.00	37.84 -0.64 0.00	42.30 -0.78 0.00	42.96 -1.02 0.00	45.14 -0.62 0.00	52.87 -0.58 0.00	53.40 -0.41 0.00	40.05 -0.79 0.00	38.59 -0.90 0.00	39.56 -0.82 0.00	34.73 -0.83 0.00	30.27 -1.21 0.00
OZONE_PARK_ESR 323760	32.08 2.09 0.00	29.50 1.67 0.00	26.21 1.34 0.00	27.03 1.27 0.00	27.77 1.34 0.00	29.63 1.53 0.00	27.97 1.65 0.00	30.20 1.91 0.00	32.25 2.18 0.00	31.57 2.44 0.00	35.49 2.38 -6.00	56.63 2.47 -27.07	36.33 3.00 0.00	41.82 3.33 0.00	46.58 3.50 0.00	47.70 3.72 0.00	50.22 4.47 0.00	58.55 5.11 0.00	58.51 4.71 0.00	44.02 3.19 0.00	42.20 2.71 0.00	43.02 2.64 0.00	37.99 2.43 0.00	33.83 2.35 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	28.90 -1.09 0.00	26.83 -1.00 0.00	23.86 -1.00 0.00	24.64 -1.12 0.00	25.42 -1.00 0.00	26.97 -1.13 0.00	25.13 -1.19 0.00	26.68 -1.61 0.00	28.44 -1.63 0.00	28.11 -1.02 0.00	26.48 -0.63 0.00	26.53 -0.56 0.00	32.97 -0.37 0.00	37.84 -0.64 0.00	42.30 -0.78 0.00	42.96 -1.02 0.00	45.14 -0.62 0.00	52.87 -0.58 0.00	53.40 -0.41 0.00	40.05 -0.79 0.00	38.59 -0.90 0.00	39.56 -0.82 0.00	34.73 -0.83 0.00	30.27 -1.21 0.00
PACKARD__115KV_DUPONT_184 80571	28.90 -1.09 0.00	26.83 -1.00 0.00	23.86 -1.00 0.00	24.64 -1.12 0.00	25.42 -1.00 0.00	26.97 -1.13 0.00	25.13 -1.19 0.00	26.68 -1.61 0.00	28.44 -1.63 0.00	28.11 -1.02 0.00	26.48 -0.63 0.00	26.53 -0.56 0.00	32.97 -0.37 0.00	37.84 -0.64 0.00	42.30 -0.78 0.00	42.96 -1.02 0.00	45.14 -0.62 0.00	52.87 -0.58 0.00	53.40 -0.41 0.00	40.05 -0.79 0.00	38.59 -0.90 0.00	39.56 -0.82 0.00	34.73 -0.83 0.00	30.27 -1.21 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	31.71 1.72 0.00	29.20 1.37 0.00	25.95 1.09 0.00	26.76 1.00 0.00	27.52 1.10 0.00	29.35 1.26 0.00	27.71 1.39 0.00	29.86 1.57 0.00	31.81 1.74 0.00	31.13 1.99 0.00	35.09 1.99 -6.00	56.16 2.01 -27.06	35.74 2.41 0.00	41.09 2.60 0.00	45.73 2.65 0.00	46.86 2.88 0.00	49.23 3.47 0.00	57.43 3.99 0.00	57.45 3.65 0.00	43.26 2.43 0.00	41.53 2.04 0.00	42.27 1.88 0.00	37.34 1.78 0.00	33.37 1.89 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	31.86 1.87 0.00	29.34 1.51 0.00	26.09 1.23 0.00	26.92 1.16 0.00	27.64 1.21 0.00	29.49 1.39 0.00	27.88 1.56 0.00	30.03 1.75 0.00	31.98 1.91 0.00	31.27 2.14 0.00	35.21 2.10 -6.00	56.23 2.08 -27.06	35.88 2.54 0.00	41.13 2.64 0.00	45.98 2.89 0.00	47.10 3.13 0.00	49.42 3.66 0.00	57.77 4.32 0.00	57.75 3.94 0.00	43.46 2.63 0.00	41.73 2.24 0.00	42.55 2.17 0.00	37.52 1.96 0.00	33.60 2.13 0.00
PATROON__115KV_TB1 80586	30.57 0.58 0.00	28.28 0.45 0.00	25.25 0.39 0.00	26.16 0.40 0.00	26.81 0.39 0.00	28.53 0.43 0.00	26.80 0.48 0.00	28.73 0.44 0.00	30.51 0.45 0.00	29.66 0.53 0.00	28.49 0.41 -0.97	31.93 0.44 -4.40	33.78 0.44 0.00	39.04 0.55 0.00	43.74 0.65 0.00	44.62 0.64 0.00	46.68 0.92 0.00	54.55 1.10 0.00	54.78 0.97 0.00	41.58 0.75 0.00	40.03 0.55 0.00	40.87 0.49 0.00	35.98 0.42 0.00	32.05 0.58 0.00
PATTRSNVILLE___SOLAR 323815	31.04 1.05 0.00	28.72 0.90 0.00	25.63 0.76 0.00	26.56 0.80 0.00	27.24 0.82 0.00	29.00 0.90 0.00	27.22 0.89 0.00	29.17 0.88 0.00	30.85 0.78 0.00	29.79 0.66 0.00	27.57 0.46 0.00	27.52 0.42 0.00	33.84 0.51 0.00	39.10 0.61 0.00	43.79 0.71 0.00	44.94 0.97 0.00	47.21 1.45 0.00	55.13 1.68 0.00	55.79 1.98 0.00	42.46 1.62 0.00	41.00 1.52 0.00	41.88 1.50 0.00	36.87 1.30 0.00	32.67 1.20 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	29.70 -0.29 0.00	27.53 -0.29 0.00	24.46 -0.40 0.00	25.26 -0.50 0.00	26.01 -0.41 0.00	27.65 -0.45 0.00	25.86 -0.46 0.00	27.55 -0.74 0.00	29.37 -0.70 0.00	29.04 -0.09 0.00	27.33 0.22 0.00	27.49 0.40 0.00	34.12 0.78 0.00	39.40 0.91 0.00	44.33 1.24 0.00	45.04 1.06 0.00	47.42 1.66 0.00	55.57 2.13 0.00	56.08 2.28 0.00	41.90 1.07 0.00	40.31 0.82 0.00	41.24 0.85 0.00	36.09 0.53 0.00	31.47 0.00 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	31.73 1.74 0.00	29.20 1.37 0.00	25.94 1.08 0.00	26.79 1.03 0.00	27.50 1.08 0.00	29.34 1.24 0.00	27.67 1.35 0.00	29.86 1.57 0.00	31.84 1.77 0.00	31.12 1.99 0.00	30.99 1.92 -1.97	37.95 1.99 -8.87	35.74 2.40 0.00	41.25 2.77 0.00	46.09 3.01 0.00	47.18 3.21 0.00	49.62 3.86 0.00	57.94 4.50 0.00	58.02 4.22 0.00	43.67 2.84 0.00	41.85 2.36 0.00	42.59 2.21 0.00	37.50 1.94 0.00	33.39 1.91 0.00
PEEKSKILL____ 23653	31.45 1.46 0.00	28.94 1.11 0.00	25.72 0.85 0.00	26.55 0.79 0.00	27.26 0.84 0.00	29.09 0.99 0.00	27.43 1.11 0.00	29.59 1.31 0.00	31.55 1.48 0.00	30.84 1.70 0.00	35.82 1.66 -7.05	60.59 1.71 -31.79	35.36 2.03 0.00	40.71 2.23 0.00	45.40 2.32 0.00	46.47 2.49 0.00	48.89 3.13 0.00	57.06 3.61 0.00	57.08 3.28 0.00	42.97 2.14 0.00	41.18 1.69 0.00	41.97 1.58 0.00	37.02 1.46 0.00	33.01 1.54 0.00

PGE MADISON___WINDPWR 24146	32.07 2.08 0.00	29.46 1.64 0.00	26.26 1.40 0.00	27.08 1.32 0.00	27.89 1.47 0.00	29.85 1.75 0.00	28.05 1.73 0.00	30.07 1.78 0.00	32.03 1.96 0.00	31.03 1.90 0.00	28.91 1.81 0.00	28.72 1.63 0.00	35.36 2.02 0.00	40.72 2.23 0.00	45.75 2.66 0.00	46.77 2.79 0.00	49.31 3.55 0.00	58.05 4.60 0.00	59.10 5.30 0.00	44.91 4.08 0.00	43.50 4.01 0.00	44.25 3.86 0.00	38.72 3.16 0.00	34.02 2.54 0.00
PIERCEFIELD___HYD 23852	28.76 -1.23 0.00	26.90 -0.92 0.00	24.11 -0.75 0.00	25.07 -0.69 0.00	25.74 -0.69 0.00	27.25 -0.85 0.00	25.49 -0.84 0.00	27.64 -0.65 0.00	29.45 -0.62 0.00	28.30 -0.83 0.00	26.29 -0.81 0.00	26.13 -0.97 0.00	32.14 -1.19 0.00	37.03 -1.46 0.00	41.48 -1.60 0.00	42.41 -1.57 0.00	43.60 -2.16 0.00	50.65 -2.79 0.00	51.48 -2.33 0.00	39.78 -1.06 0.00	38.72 -0.77 0.00	39.63 -0.75 0.00	35.07 -0.49 0.00	30.77 -0.71 0.00
PINELAWN_CC_1 323563	32.14 2.15 0.00	29.58 1.75 0.00	26.25 1.39 0.00	26.94 1.18 0.00	27.67 1.25 0.00	29.54 1.44 0.00	27.92 1.60 0.00	30.17 1.88 0.00	32.08 2.02 0.00	31.41 2.28 0.00	35.77 2.30 -6.36	56.55 2.15 -27.31	35.71 2.37 0.00	40.83 2.35 0.00	45.42 2.33 0.00	46.39 2.41 0.00	48.79 3.03 0.00	56.88 3.44 0.00	56.90 3.10 0.00	43.04 2.21 0.00	41.34 1.85 0.00	42.28 1.89 0.00	38.04 2.17 -0.30	37.03 2.35 -3.20
PJM_GEN_HTP_PROXY 323702	31.65 1.66 0.00	29.11 1.28 0.00	25.87 1.01 0.00	26.70 0.94 0.00	27.44 1.02 0.00	29.27 1.17 0.00	27.63 1.30 0.00	29.81 1.52 0.00	31.84 1.77 0.00	31.17 2.04 0.00	35.10 1.99 -6.00	56.23 2.06 -27.07	35.82 2.48 0.00	41.21 2.72 0.00	45.87 2.79 0.00	46.96 2.99 0.00	49.02 3.71 0.45	57.64 4.20 0.00	57.62 3.81 0.00	43.34 2.51 0.00	41.53 2.04 0.00	42.32 1.94 0.00	37.38 1.82 0.00	33.33 1.86 0.00
PJM_GEN_KEystone 24065	30.15 0.15 0.00	22.22 -0.02 5.58	22.80 -0.13 1.94	25.56 -0.20 0.00	26.29 -0.13 0.00	27.99 -0.12 0.00	26.32 -0.01 0.00	28.26 -0.03 0.00	30.12 0.05 0.00	29.57 0.44 0.00	18.19 0.53 9.45	-14.83 0.69 42.61	34.23 0.90 0.00	39.48 1.00 0.00	44.15 1.06 0.00	45.01 1.04 0.00	46.93 1.61 0.45	55.42 1.98 0.00	55.61 1.80 0.00	41.57 0.74 0.00	39.94 0.45 0.00	40.82 0.44 0.00	35.90 0.34 0.00	31.76 0.28 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.76 1.78 0.00	29.24 1.41 0.00	25.96 1.10 0.00	26.73 0.97 0.00	27.45 1.02 0.00	29.30 1.20 0.00	27.67 1.35 0.00	29.89 1.60 0.00	31.80 1.73 0.00	31.13 2.00 0.00	35.41 2.01 -6.29	56.31 1.91 -27.31	35.55 2.22 0.00	40.89 2.40 0.00	45.48 2.39 0.00	46.47 2.49 0.00	48.54 3.22 0.45	57.09 3.65 0.00	57.10 3.29 0.00	43.14 2.31 0.00	41.32 1.84 0.00	42.16 1.78 0.00	37.56 1.77 -0.23	35.64 1.97 -2.19
PJM_GEN_VFT_PROXY 323633	31.59 1.60 0.00	29.04 1.21 0.00	25.83 0.97 0.00	26.65 0.89 0.00	27.37 0.95 0.00	29.19 1.09 0.00	27.55 1.23 0.00	29.74 1.45 0.00	31.73 1.67 0.00	31.06 1.93 0.00	34.99 1.88 -6.00	56.13 1.97 -27.07	35.73 2.40 0.00	41.09 2.60 0.00	45.71 2.62 0.00	46.81 2.83 0.00	48.85 3.53 0.45	57.46 4.01 0.00	57.40 3.60 0.00	43.17 2.34 0.00	41.40 1.91 0.00	42.20 1.82 0.00	37.31 1.75 0.00	33.25 1.78 0.00
PLATSBURG_115KV_PMLD1 355749	29.06 -0.93 0.00	27.22 -0.61 0.00	24.27 -0.60 0.00	25.15 -0.61 0.00	25.79 -0.64 0.00	19.07 -0.81 8.22	13.90 -0.82 11.61	28.03 -0.25 0.00	30.56 0.49 0.00	29.64 0.51 0.00	27.56 0.45 0.00	27.37 0.27 0.00	34.09 0.76 0.00	39.54 1.05 0.00	44.61 1.52 0.00	45.80 1.82 0.00	47.42 1.66 0.00	55.10 1.66 0.00	56.15 2.34 0.00	42.85 2.01 0.00	41.50 2.01 0.00	42.14 1.76 0.00	37.21 1.65 0.00	32.35 0.88 0.00
PLEASANTVLY___LBMP 24000	31.26 1.27 0.00	28.80 0.98 0.00	25.61 0.75 0.00	26.47 0.71 0.00	27.17 0.75 0.00	28.97 0.87 0.00	27.30 0.97 0.00	29.41 1.13 0.00	31.32 1.25 0.00	30.57 1.44 0.00	31.03 1.37 -2.55	39.99 1.40 -11.50	34.97 1.63 0.00	40.31 1.82 0.00	45.00 1.92 0.00	46.01 2.03 0.00	48.32 2.56 0.00	56.40 2.95 0.00	56.49 2.68 0.00	42.61 1.78 0.00	40.89 1.40 0.00	41.68 1.30 0.00	36.77 1.21 0.00	32.80 1.33 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.54 1.55 0.00	29.02 1.19 0.00	25.80 0.94 0.00	26.64 0.88 0.00	27.36 0.93 0.00	29.18 1.08 0.00	27.52 1.20 0.00	29.68 1.40 0.00	31.64 1.57 0.00	30.93 1.80 0.00	33.46 1.73 -4.62	49.69 1.79 -20.81	35.49 2.15 0.00	40.87 2.38 0.00	45.59 2.51 0.00	46.63 2.66 0.00	49.06 3.30 0.00	57.23 3.78 0.00	57.27 3.46 0.00	43.13 2.30 0.00	41.34 1.85 0.00	42.12 1.74 0.00	37.15 1.59 0.00	33.14 1.66 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.54 1.55 0.00	29.02 1.19 0.00	25.80 0.94 0.00	26.64 0.88 0.00	27.36 0.93 0.00	29.18 1.08 0.00	27.52 1.20 0.00	29.68 1.40 0.00	31.64 1.57 0.00	30.93 1.80 0.00	33.46 1.73 -4.62	49.69 1.79 -20.81	35.49 2.15 0.00	40.87 2.38 0.00	45.59 2.51 0.00	46.63 2.66 0.00	49.06 3.30 0.00	57.23 3.78 0.00	57.27 3.46 0.00	43.13 2.30 0.00	41.34 1.85 0.00	42.12 1.74 0.00	37.15 1.59 0.00	33.14 1.66 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.50 1.51 0.00	29.01 1.18 0.00	25.78 0.92 0.00	26.64 0.87 0.00	27.34 0.92 0.00	29.15 1.05 0.00	27.48 1.15 0.00	29.63 1.34 0.00	31.55 1.48 0.00	30.81 1.68 0.00	29.81 1.59 -1.12	33.75 1.63 -5.03	35.30 1.96 0.00	40.74 2.25 0.00	45.57 2.49 0.00	46.63 2.65 0.00	49.02 3.25 0.00	57.30 3.85 0.00	57.40 3.59 0.00	43.25 2.42 0.00	41.48 1.99 0.00	42.24 1.85 0.00	37.19 1.63 0.00	33.10 1.63 0.00
POLETTI___ 23519	31.64 1.65 0.00	29.09 1.26 0.00	25.87 1.01 0.00	26.69 0.94 0.00	27.43 1.01 0.00	29.26 1.16 0.00	27.62 1.29 0.00	29.81 1.52 0.00	31.83 1.76 0.00	31.16 2.03 0.00	35.09 1.98 -6.00	56.21 2.05 -27.07	35.82 2.49 0.00	41.21 2.73 0.00	45.88 2.79 0.00	46.96 2.99 0.00	49.46 3.70 0.00	57.64 4.19 0.00	57.59 3.79 0.00	43.32 2.49 0.00	41.53 2.04 0.00	42.31 1.92 0.00	37.38 1.81 0.00	33.33 1.86 0.00
POMONA___ESR 323819	31.45 1.46 0.00	28.92 1.09 0.00	25.70 0.84 0.00	26.54 0.78 0.00	27.26 0.83 0.00	29.07 0.97 0.00	27.42 1.09 0.00	29.58 1.29 0.00	31.54 1.47 0.00	30.84 1.70 0.00	19.84 1.66 8.93	-11.46 1.72 40.27	35.38 2.04 0.00	40.72 2.23 0.00	45.40 2.31 0.00	46.48 2.51 0.00	48.91 3.15 0.00	57.09 3.64 0.00	57.10 3.30 0.00	42.95 2.12 0.00	41.12 1.63 0.00	41.90 1.52 0.00	36.94 1.38 0.00	32.94 1.47 0.00
PORT_JEFF_3 23555	31.92 1.92 0.00	29.37 1.55 0.00	26.08 1.22 0.00	26.80 1.04 0.00	27.51 1.08 0.00	29.36 1.26 0.00	27.78 1.46 0.00	30.01 1.72 0.00	31.78 1.71 0.00	31.13 2.00 0.00	35.52 2.05 -6.36	56.23 1.82 -27.31	35.53 2.20 0.00	40.76 2.27 0.00	45.22 2.13 0.00	46.11 2.14 0.00	48.81 3.05 0.00	56.81 3.37 0.00	56.81 3.01 0.00	43.05 2.22 0.00	41.28 1.79 0.00	42.09 1.71 0.00	37.68 1.81 -0.30	36.84 2.16 -3.20

PORT_JEFF_4 23616	31.92 1.92 0.00	29.37 1.55 0.00	26.08 1.22 0.00	26.80 1.04 0.00	27.51 1.08 0.00	29.36 1.26 0.00	27.78 1.46 0.00	30.01 1.72 0.00	31.78 1.71 0.00	31.13 2.00 0.00	35.52 2.05 -6.36	56.23 1.82 -27.31	35.53 2.20 0.00	40.76 2.27 0.00	45.22 2.13 0.00	46.11 2.14 0.00	48.81 3.05 0.00	56.81 3.37 0.00	56.81 3.01 0.00	43.05 2.22 0.00	41.28 1.79 0.00	42.09 1.71 0.00	37.68 1.81 -0.30	36.84 2.16 -3.20
PORT_JEFF_IC 23713	31.95 1.96 0.00	29.40 1.58 0.00	26.10 1.24 0.00	26.83 1.07 0.00	27.53 1.10 0.00	29.39 1.29 0.00	27.80 1.48 0.00	30.03 1.75 0.00	31.70 1.63 0.00	31.07 1.93 0.00	35.46 1.99 -6.36	56.18 1.79 -27.31	35.63 2.29 0.00	40.90 2.41 0.00	45.36 2.27 0.00	46.16 2.19 0.00	48.96 3.20 0.00	56.90 3.46 0.00	56.89 3.09 0.00	43.22 2.38 0.00	41.46 1.97 0.00	42.23 1.84 0.00	37.78 1.92 -0.30	36.90 2.22 -3.20
PPL PILGRIM_ST_GT1 24216	32.21 2.23 0.00	29.65 1.83 0.00	26.31 1.45 0.00	27.06 1.30 0.00	27.77 1.35 0.00	29.67 1.57 0.00	28.04 1.71 0.00	30.23 1.94 0.00	32.10 2.03 0.00	31.43 2.30 0.00	35.78 2.31 -6.36	56.52 2.12 -27.31	35.83 2.50 0.00	41.13 2.64 0.00	45.75 2.67 0.00	46.50 2.53 0.00	49.07 3.31 0.00	57.19 3.75 0.00	57.25 3.45 0.00	43.51 2.68 0.00	41.69 2.20 0.00	42.53 2.15 0.00	38.06 2.19 -0.30	37.10 2.42 -3.20
PPL PILGRIM_ST_GT2 24217	32.21 2.23 0.00	29.65 1.83 0.00	26.31 1.45 0.00	27.06 1.30 0.00	27.77 1.35 0.00	29.67 1.57 0.00	28.04 1.71 0.00	30.23 1.94 0.00	32.10 2.03 0.00	31.43 2.30 0.00	35.78 2.31 -6.36	56.52 2.12 -27.31	35.83 2.50 0.00	41.13 2.64 0.00	45.75 2.67 0.00	46.50 2.53 0.00	49.07 3.31 0.00	57.19 3.75 0.00	57.25 3.45 0.00	43.51 2.68 0.00	41.69 2.20 0.00	42.53 2.15 0.00	38.06 2.19 -0.30	37.10 2.42 -3.20
PPL_SHRM_GT3 24213	31.71 1.72 0.00	29.17 1.34 0.00	25.89 1.03 0.00	26.59 0.83 0.00	27.29 0.86 0.00	29.13 1.02 0.00	27.58 1.26 0.00	29.79 1.51 0.00	31.65 1.58 0.00	31.02 1.89 0.00	35.41 1.95 -6.36	56.09 1.69 -27.31	35.32 1.98 0.00	40.64 2.15 0.00	45.23 2.14 0.00	46.19 2.22 0.00	48.93 3.17 0.00	57.03 3.59 0.00	57.03 3.22 0.00	43.04 2.20 0.00	41.36 1.87 0.00	42.15 1.76 0.00	37.67 1.80 -0.30	36.70 2.02 -3.20
PPL_SHRM_GT4 24214	31.71 1.72 0.00	29.17 1.34 0.00	25.89 1.03 0.00	26.59 0.83 0.00	27.29 0.86 0.00	29.13 1.02 0.00	27.58 1.26 0.00	29.79 1.51 0.00	31.65 1.58 0.00	31.02 1.89 0.00	35.41 1.95 -6.36	56.09 1.69 -27.31	35.32 1.98 0.00	40.64 2.15 0.00	45.23 2.14 0.00	46.19 2.22 0.00	48.93 3.17 0.00	57.03 3.59 0.00	57.03 3.22 0.00	43.04 2.20 0.00	41.36 1.87 0.00	42.15 1.76 0.00	37.67 1.80 -0.30	36.70 2.02 -3.20
PROJECT___ORANGE 1 24174	29.89 -0.09 0.00	27.66 -0.17 0.00	24.66 -0.20 0.00	25.55 -0.21 0.00	26.21 -0.21 0.00	27.91 -0.19 0.00	26.14 -0.18 0.00	27.99 -0.30 0.00	29.74 -0.33 0.00	28.95 -0.18 0.00	27.01 -0.10 0.00	27.09 0.00 0.00	33.42 0.09 0.00	38.66 0.17 0.00	43.31 0.22 0.00	44.20 0.22 0.00	46.26 0.50 0.00	54.15 0.71 0.00	54.53 0.73 0.00	41.22 0.38 0.00	39.72 0.23 0.00	40.57 0.18 0.00	35.61 0.05 0.00	31.44 -0.03 0.00
PROJECT___ORANGE 2 24166	29.89 -0.09 0.00	27.66 -0.17 0.00	24.66 -0.20 0.00	25.55 -0.21 0.00	26.21 -0.21 0.00	27.91 -0.19 0.00	26.14 -0.18 0.00	27.99 -0.30 0.00	29.74 -0.33 0.00	28.95 -0.18 0.00	27.01 -0.10 0.00	27.09 0.00 0.00	33.42 0.09 0.00	38.66 0.17 0.00	43.31 0.22 0.00	44.20 0.22 0.00	46.26 0.50 0.00	54.15 0.71 0.00	54.53 0.73 0.00	41.22 0.38 0.00	39.72 0.23 0.00	40.57 0.18 0.00	35.61 0.05 0.00	31.44 -0.03 0.00
PUCKETT___SOLAR 323809	30.61 0.62 0.00	28.23 0.40 0.00	25.19 0.34 0.00	26.02 0.26 0.00	26.76 0.34 0.00	28.54 0.44 0.00	26.75 0.43 0.00	28.68 0.39 0.00	30.51 0.44 0.00	29.68 0.55 0.00	27.56 0.45 0.00	27.60 0.51 0.00	33.98 0.64 0.00	39.24 0.75 0.00	43.95 0.86 0.00	44.88 0.91 0.00	47.21 1.45 0.00	55.42 1.97 0.00	56.04 2.23 0.00	42.36 1.53 0.00	40.90 1.42 0.00	41.75 1.37 0.00	36.64 1.07 0.00	32.34 0.86 0.00
PYRITES___HYD 24023	29.58 -0.41 0.00	27.66 -0.16 0.00	24.78 -0.08 0.00	25.75 -0.01 0.00	26.45 0.03 0.00	28.05 -0.06 0.00	26.23 -0.09 0.00	28.39 0.10 0.00	30.14 0.07 0.00	28.85 -0.28 0.00	26.80 -0.31 0.00	26.62 -0.48 0.00	32.74 -0.60 0.00	37.71 -0.78 0.00	42.19 -0.90 0.00	43.14 -0.83 0.00	44.39 -1.37 0.00	51.57 -1.88 0.00	52.68 -1.12 0.00	40.89 0.06 0.00	39.94 0.45 0.00	40.85 0.47 0.00	36.06 0.49 0.00	31.55 0.07 0.00
QUAKERRD_115KV_BK1 80622	29.24 -0.75 0.00	27.06 -0.77 0.00	24.09 -0.77 0.00	24.91 -0.85 0.00	25.62 -0.80 0.00	27.26 -0.84 0.00	25.50 -0.82 0.00	27.25 -1.04 0.00	28.99 -1.08 0.00	28.39 -0.74 0.00	26.59 -0.51 0.00	26.69 -0.40 0.00	33.07 -0.27 0.00	38.19 -0.29 0.00	42.91 -0.18 0.00	43.77 -0.20 0.00	45.93 0.17 0.00	53.82 0.38 0.00	54.33 0.52 0.00	40.90 0.06 0.00	39.35 -0.14 0.00	40.14 -0.24 0.00	35.17 -0.39 0.00	30.84 -0.64 0.00
QUEENSBRY_115KV_TB8 356137	32.44 2.45 0.00	29.88 2.05 0.00	26.59 1.73 0.00	27.63 1.87 0.00	28.32 1.90 0.00	30.21 2.11 0.00	28.48 2.15 0.00	30.49 2.20 0.00	32.19 2.12 0.00	31.19 2.06 0.00	29.64 1.60 -0.94	33.03 1.70 -4.23	35.26 1.92 0.00	40.86 2.37 0.00	45.96 2.88 0.00	46.94 2.97 0.00	49.35 3.59 0.00	57.85 4.40 0.00	58.63 4.83 0.00	44.54 3.70 0.00	43.10 3.61 0.00	43.93 3.55 0.00	38.68 3.12 0.00	34.33 2.86 0.00
RAMAPO___LBMP 323565	31.30 1.31 0.00	28.79 0.97 0.00	25.59 0.73 0.00	26.44 0.68 0.00	27.15 0.73 0.00	28.96 0.86 0.00	27.31 0.98 0.00	29.46 1.18 0.00	31.40 1.33 0.00	30.69 1.56 8.58	20.03 1.50 38.69	-10.04 1.56 0.00	35.19 1.85 0.00	40.51 2.02 0.00	45.17 2.09 0.00	46.23 2.25 0.00	48.65 2.88 0.00	56.79 3.34 0.00	56.82 3.01 0.00	42.75 1.92 0.00	40.95 1.46 0.00	41.73 1.35 0.00	36.80 1.24 0.00	32.82 1.34 0.00
RANKINE____ 23646	29.63 -0.36 0.00	27.47 -0.35 0.00	24.40 -0.46 0.00	25.20 -0.56 0.00	25.96 -0.46 0.00	27.58 -0.52 0.00	25.78 -0.55 0.00	27.42 -0.86 0.00	29.25 -0.82 0.00	28.91 -0.22 0.00	27.23 0.12 0.00	27.37 0.28 0.00	34.00 0.66 0.00	39.21 0.72 0.00	44.10 1.02 0.00	44.79 0.82 0.00	47.14 1.38 0.00	55.25 1.80 0.00	55.79 1.98 0.00	41.71 0.87 0.00	40.13 0.64 0.00	41.09 0.70 0.00	35.98 0.42 0.00	31.34 -0.14 0.00
RAVENSWOOD_GT2_1 24244	31.71 1.73 0.00	29.17 1.34 0.00	25.93 1.07 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.36 0.00	29.87 1.58 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.25 2.10 -27.06	35.86 2.53 0.00	41.25 2.77 0.00	45.91 2.83 0.00	46.99 3.02 0.00	49.47 3.71 0.00	57.68 4.24 0.00	57.65 3.85 0.00	43.38 2.55 0.00	41.58 2.09 0.00	42.38 2.00 0.00	37.43 1.86 0.00	33.38 1.91 0.00

RAVENSWOOD_GT2_2 24245	31.71 1.73 0.00	29.17 1.34 0.00	25.93 1.07 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.36 0.00	29.87 1.58 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.25 2.10 -27.06	35.86 2.53 0.00	41.25 2.77 0.00	45.91 2.83 0.00	46.99 3.02 0.00	49.47 3.71 0.00	57.68 4.24 0.00	57.65 3.85 0.00	43.38 2.55 0.00	41.58 2.09 0.00	42.38 2.00 0.00	37.43 1.86 0.00	33.38 1.91 0.00
RAVENSWOOD_GT2_3 24246	31.73 1.74 0.00	29.18 1.35 0.00	25.94 1.08 0.00	26.76 1.00 0.00	27.50 1.08 0.00	29.34 1.24 0.00	27.69 1.37 0.00	29.89 1.60 0.00	31.89 1.82 0.00	31.23 2.09 0.00	35.15 2.04 -6.00	56.26 2.11 -27.06	35.88 2.55 0.00	41.28 2.80 0.00	45.94 2.86 0.00	47.03 3.06 0.00	49.50 3.74 0.00	57.71 4.26 0.00	57.70 3.89 0.00	43.41 2.58 0.00	41.62 2.13 0.00	42.40 2.02 0.00	37.45 1.89 0.00	33.39 1.92 0.00
RAVENSWOOD_GT2_4 24247	31.73 1.74 0.00	29.18 1.35 0.00	25.94 1.08 0.00	26.76 1.00 0.00	27.50 1.08 0.00	29.34 1.24 0.00	27.69 1.37 0.00	29.89 1.60 0.00	31.89 1.82 0.00	31.23 2.09 0.00	35.15 2.04 -6.00	56.26 2.11 -27.06	35.88 2.55 0.00	41.28 2.80 0.00	45.94 2.86 0.00	47.03 3.06 0.00	49.50 3.74 0.00	57.71 4.26 0.00	57.70 3.89 0.00	43.41 2.58 0.00	41.62 2.13 0.00	42.40 2.02 0.00	37.45 1.89 0.00	33.39 1.92 0.00
RAVENSWOOD_GT3_1 24248	31.71 1.73 0.00	29.17 1.34 0.00	25.93 1.07 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.36 0.00	29.87 1.58 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.25 2.10 -27.06	35.86 2.53 0.00	41.25 2.77 0.00	45.91 2.83 0.00	47.00 3.03 0.00	49.47 3.71 0.00	57.68 4.24 0.00	57.65 3.85 0.00	43.38 2.55 0.00	41.59 2.10 0.00	42.38 2.00 0.00	37.43 1.87 0.00	33.38 1.91 0.00
RAVENSWOOD_GT3_2 24249	31.71 1.73 0.00	29.17 1.34 0.00	25.93 1.07 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.36 0.00	29.87 1.58 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.25 2.10 -27.06	35.86 2.53 0.00	41.25 2.77 0.00	45.91 2.83 0.00	47.00 3.03 0.00	49.47 3.71 0.00	57.68 4.24 0.00	57.65 3.85 0.00	43.38 2.55 0.00	41.59 2.10 0.00	42.38 2.00 0.00	37.43 1.87 0.00	33.38 1.91 0.00
RAVENSWOOD_GT3_3 24250	31.77 1.78 0.00	29.22 1.39 0.00	25.97 1.11 0.00	26.80 1.04 0.00	27.52 1.10 0.00	29.37 1.27 0.00	27.72 1.40 0.00	29.92 1.63 0.00	31.95 1.88 0.00	31.26 2.13 0.00	35.19 2.08 -6.00	56.31 2.16 -27.06	35.94 2.60 0.00	41.34 2.86 0.00	46.03 2.94 0.00	47.10 3.13 0.00	49.59 3.83 0.00	57.80 4.36 0.00	57.77 3.97 0.00	43.49 2.65 0.00	41.67 2.18 0.00	42.46 2.08 0.00	37.50 1.94 0.00	33.45 1.97 0.00
RAVENSWOOD_GT3_4 24251	31.77 1.78 0.00	29.22 1.39 0.00	25.97 1.11 0.00	26.80 1.04 0.00	27.52 1.10 0.00	29.37 1.27 0.00	27.72 1.40 0.00	29.92 1.63 0.00	31.95 1.88 0.00	31.26 2.13 0.00	35.19 2.08 -6.00	56.31 2.16 -27.06	35.94 2.60 0.00	41.34 2.86 0.00	46.03 2.94 0.00	47.10 3.13 0.00	49.59 3.83 0.00	57.80 4.36 0.00	57.77 3.97 0.00	43.49 2.65 0.00	41.67 2.18 0.00	42.46 2.08 0.00	37.50 1.94 0.00	33.45 1.97 0.00
RAVENSWOOD_GT_1 23729	31.78 1.79 0.00	29.24 1.41 0.00	26.00 1.13 0.00	26.81 1.05 0.00	27.55 1.13 0.00	29.41 1.31 0.00	27.77 1.44 0.00	29.95 1.67 0.00	31.96 1.89 0.00	31.30 2.17 0.00	35.26 2.15 -6.00	56.36 2.21 -27.06	36.92 2.66 -0.92	41.47 2.88 -0.11	46.00 2.92 0.00	47.09 3.12 0.00	49.53 3.77 0.00	57.75 4.30 0.00	57.71 3.90 0.00	43.43 2.59 0.00	41.64 2.15 0.00	42.41 2.03 0.00	38.11 1.92 -0.63	33.47 2.00 0.00
RAVENSWOOD_GT_10 24258	31.72 1.73 0.00	29.17 1.34 0.00	25.93 1.07 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.36 0.00	29.87 1.58 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.25 2.09 -27.06	35.97 2.53 -0.11	41.27 2.77 -0.01	45.91 2.83 0.00	47.00 3.03 0.00	49.48 3.72 0.00	57.69 4.24 0.00	57.66 3.86 0.00	43.39 2.56 0.00	41.59 2.10 0.00	42.38 2.00 0.00	37.50 1.87 -0.07	33.38 1.91 0.00
RAVENSWOOD_GT_11 24259	31.72 1.73 0.00	29.17 1.34 0.00	25.93 1.07 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.36 0.00	29.87 1.58 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.25 2.09 -27.06	35.97 2.53 -0.11	41.27 2.77 -0.01	45.91 2.83 0.00	47.00 3.03 0.00	49.48 3.72 0.00	57.69 4.24 0.00	57.66 3.86 0.00	43.39 2.56 0.00	41.59 2.10 0.00	42.38 2.00 0.00	37.50 1.87 -0.07	33.38 1.91 0.00
RAVENSWOOD_GT_4 24252	31.71 1.72 0.00	29.16 1.33 0.00	25.92 1.06 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.35 0.00	29.87 1.59 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.24 2.09 -27.06	36.55 2.52 -0.70	41.34 2.77 -0.08	45.94 2.86 0.00	47.02 3.05 0.00	49.50 3.74 0.00	57.70 4.26 0.00	57.70 3.90 0.00	43.41 2.58 0.00	41.61 2.13 0.00	42.40 2.02 0.00	37.93 1.89 -0.48	33.38 1.91 0.00
RAVENSWOOD_GT_5 24254	31.71 1.72 0.00	29.16 1.33 0.00	25.92 1.06 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.35 0.00	29.87 1.59 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.24 2.09 -27.06	36.55 2.52 -0.70	41.34 2.77 -0.08	45.94 2.86 0.00	47.02 3.05 0.00	49.50 3.74 0.00	57.70 4.26 0.00	57.70 3.90 0.00	43.41 2.58 0.00	41.61 2.13 0.00	42.40 2.02 0.00	37.93 1.89 -0.48	33.38 1.91 0.00
RAVENSWOOD_GT_6 24253	31.71 1.72 0.00	29.16 1.33 0.00	25.92 1.06 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.35 0.00	29.87 1.59 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.24 2.09 -27.06	36.55 2.52 -0.70	41.34 2.77 -0.08	45.94 2.86 0.00	47.02 3.05 0.00	49.50 3.74 0.00	57.70 4.26 0.00	57.70 3.90 0.00	43.41 2.58 0.00	41.61 2.13 0.00	42.40 2.02 0.00	37.93 1.89 -0.48	33.38 1.91 0.00
RAVENSWOOD_GT_7 24255	31.71 1.72 0.00	29.16 1.33 0.00	25.92 1.06 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.35 0.00	29.87 1.59 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.24 2.09 -27.06	36.55 2.52 -0.70	41.34 2.77 -0.08	45.94 2.86 0.00	47.02 3.05 0.00	49.50 3.74 0.00	57.70 4.26 0.00	57.70 3.90 0.00	43.41 2.58 0.00	41.61 2.13 0.00	42.40 2.02 0.00	37.93 1.89 -0.48	33.38 1.91 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.72 1.73 0.00	29.17 1.34 0.00	25.93 1.07 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.36 0.00	29.87 1.58 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.25 2.09 -27.06	35.97 2.53 -0.11	41.27 2.77 -0.01	45.91 2.83 0.00	47.00 3.03 0.00	49.48 3.72 0.00	57.69 4.24 0.00	57.66 3.86 0.00	43.39 2.56 0.00	41.59 2.10 0.00	42.38 2.00 0.00	37.50 1.87 -0.07	33.38 1.91 0.00

RAVENSWOOD_GT_9 24257	31.72 1.73 0.00	29.17 1.34 0.00	25.93 1.07 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.36 0.00	29.87 1.58 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.25 2.09 -27.06	35.97 2.53 -0.11	41.27 2.77 -0.01	45.91 2.83 0.00	47.00 3.03 0.00	49.48 3.72 0.00	57.69 4.24 0.00	57.66 3.86 0.00	43.39 2.56 0.00	41.59 2.10 0.00	42.38 2.00 0.00	37.50 1.87 -0.07	33.38 1.91 0.00
RAVENSWOOD___1 23533	31.79 1.80 0.00	29.25 1.41 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.51 1.09 0.00	29.36 1.26 0.00	27.72 1.40 0.00	29.89 1.60 0.00	31.89 1.82 0.00	31.23 2.10 0.00	35.19 2.09 -6.00	56.29 2.14 -27.06	35.01 2.59 0.91	41.17 2.80 0.11	45.92 2.83 0.00	47.00 3.02 0.00	49.44 3.68 0.00	57.63 4.19 0.00	57.60 3.80 0.00	43.35 2.52 0.00	41.56 2.07 0.00	42.33 1.95 0.00	36.79 1.85 0.62	33.43 1.96 0.00
RAVENSWOOD___2 23534	31.79 1.80 0.00	29.25 1.41 0.00	25.96 1.10 0.00	26.74 0.98 0.00	27.47 1.04 0.00	29.32 1.22 0.00	27.68 1.35 0.00	29.79 1.50 0.00	31.71 1.64 0.00	31.07 1.94 0.00	35.11 2.01 -6.00	56.23 2.07 -27.06	35.86 2.53 0.00	41.10 2.61 0.00	45.58 2.50 0.00	46.66 2.69 0.00	49.07 3.31 0.00	57.20 3.76 0.00	57.17 3.36 0.00	43.02 2.19 0.00	41.26 1.77 0.00	42.01 1.63 0.00	37.19 1.63 0.00	33.34 1.87 0.00
RAVENSWOOD___3 23535	31.71 1.72 0.00	29.17 1.34 0.00	25.93 1.07 0.00	26.75 0.99 0.00	27.49 1.07 0.00	29.33 1.23 0.00	27.68 1.36 0.00	29.87 1.58 0.00	31.89 1.82 0.00	31.20 2.07 0.00	35.13 2.02 -6.00	56.25 2.09 -27.06	35.86 2.53 0.00	41.26 2.77 0.00	45.91 2.83 0.00	47.00 3.03 0.00	49.47 3.71 0.00	57.68 4.24 0.00	57.66 3.85 0.00	43.39 2.56 0.00	41.59 2.10 0.00	42.38 2.00 0.00	37.43 1.87 0.00	33.39 1.91 0.00
RAVENSWOOD___4 23820	31.79 1.80 0.00	29.25 1.41 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.51 1.09 0.00	29.36 1.26 0.00	27.72 1.40 0.00	29.89 1.60 0.00	31.89 1.82 0.00	31.23 2.10 0.00	35.19 2.09 -6.00	56.29 2.14 -27.06	35.01 2.59 0.91	41.17 2.80 0.11	45.92 2.83 0.00	47.00 3.02 0.00	49.44 3.68 0.00	57.63 4.19 0.00	57.60 3.80 0.00	43.35 2.52 0.00	41.56 2.07 0.00	42.33 1.95 0.00	36.79 1.85 0.62	33.43 1.96 0.00
RCPL_TRUST___DRP 24196	31.69 1.70 0.00	29.14 1.31 0.00	25.90 1.04 0.00	26.72 0.96 0.00	27.47 1.04 0.00	29.30 1.20 0.00	27.66 1.33 0.00	29.85 1.56 0.00	31.89 1.82 0.00	31.23 2.09 0.00	35.15 2.04 -6.00	56.27 2.11 -27.07	35.88 2.54 0.00	41.29 2.80 0.00	45.95 2.87 0.00	47.04 3.07 0.00	49.55 3.79 0.00	57.74 4.29 0.00	57.70 3.90 0.00	43.40 2.57 0.00	41.59 2.10 0.00	42.38 2.00 0.00	37.42 1.86 0.00	33.36 1.89 0.00
RED___ROCHESTER 323720	30.03 0.04 0.00	27.79 -0.04 0.00	24.71 -0.15 0.00	25.53 -0.22 0.00	26.28 -0.14 0.00	27.96 -0.14 0.00	26.14 -0.18 0.00	27.91 -0.38 0.00	29.72 -0.35 0.00	29.16 0.03 0.00	27.37 0.26 0.00	27.49 0.40 0.00	34.10 0.76 0.00	39.41 0.93 0.00	44.30 1.22 0.00	45.20 1.22 0.00	47.49 1.73 0.00	55.68 2.24 0.00	56.22 2.41 0.00	42.25 1.42 0.00	40.62 1.13 0.00	41.44 1.06 0.00	36.27 0.70 0.00	31.72 0.25 0.00
REGAN___SOLAR 323812	32.73 2.74 0.00	30.28 2.45 0.00	27.00 2.14 0.00	27.98 2.22 0.00	28.77 2.34 0.00	30.72 2.62 0.00	28.85 2.53 0.00	30.62 2.33 0.00	31.71 1.65 0.00	30.00 0.87 0.00	27.30 0.19 0.00	26.53 -0.57 0.00	33.33 -0.01 0.00	38.64 0.16 0.00	43.63 0.54 0.00	46.69 2.72 0.00	49.11 3.35 0.00	58.54 5.09 0.00	59.51 5.71 0.00	46.26 5.42 0.00	44.72 5.23 0.00	45.52 5.13 0.00	39.93 4.37 0.00	35.02 3.54 0.00
RENSSELAER___COGEN 23796	30.41 0.42 0.00	28.13 0.31 0.00	25.12 0.26 0.00	26.03 0.27 0.00	26.68 0.25 0.00	28.38 0.28 0.00	26.64 0.32 0.00	28.56 0.27 0.00	30.33 0.26 0.00	29.47 0.33 0.00	28.32 0.22 -0.99	31.81 0.24 -4.47	33.51 0.17 0.00	38.73 0.24 0.00	43.36 0.28 0.00	44.21 0.24 0.00	46.24 0.48 0.00	54.06 0.61 0.00	54.32 0.52 0.00	41.25 0.42 0.00	39.72 0.23 0.00	40.57 0.19 0.00	35.73 0.16 0.00	31.85 0.37 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.25 4.27 0.00	31.41 3.58 0.00	27.89 3.02 0.00	29.08 3.32 0.00	29.65 3.23 0.00	31.80 3.70 0.00	30.08 3.76 0.00	32.12 3.83 0.00	33.65 3.58 0.00	32.47 3.34 0.00	30.87 2.82 -0.94	34.28 2.94 -4.25	36.53 3.19 0.00	42.79 4.30 0.00	48.21 5.12 0.00	49.08 5.11 0.00	52.18 6.41 0.00	61.19 7.74 0.00	62.14 8.34 0.00	47.24 6.40 0.00	45.74 6.25 0.00	46.67 6.29 0.00	41.23 5.67 0.00	36.47 5.00 0.00
REVERE_CPPR_DRP 24186	30.81 0.82 0.00	28.50 0.67 0.00	25.44 0.57 0.00	26.45 0.69 0.00	27.10 0.67 0.00	28.84 0.74 0.00	27.10 0.77 0.00	29.11 0.83 0.00	30.89 0.82 0.00	29.97 0.84 0.00	27.89 0.78 0.00	27.89 0.80 0.00	34.23 0.89 0.00	39.60 1.11 0.00	44.49 1.41 0.00	45.44 1.47 0.00	47.60 1.84 0.00	55.84 2.40 0.00	56.49 2.69 0.00	42.82 1.99 0.00	41.34 1.85 0.00	42.18 1.80 0.00	36.97 1.41 0.00	32.55 1.07 0.00
REYNOLDS_115KV_TB3 80639	30.68 0.69 0.00	28.40 0.57 0.00	25.35 0.49 0.00	26.28 0.52 0.00	26.94 0.52 0.00	28.65 0.54 0.00	26.89 0.57 0.00	28.80 0.51 0.00	30.56 0.49 0.00	29.70 0.56 0.00	28.55 0.41 -1.03	32.18 0.43 -4.66	33.72 0.38 0.00	38.96 0.47 0.00	43.62 0.53 0.00	44.44 0.46 0.00	46.46 0.70 0.00	54.27 0.82 0.00	54.53 0.72 0.00	41.45 0.62 0.00	39.91 0.43 0.00	40.77 0.38 0.00	35.93 0.36 0.00	32.08 0.61 0.00
RIVERBAY____ 323610	31.86 1.87 0.00	29.34 1.51 0.00	26.09 1.23 0.00	26.92 1.16 0.00	27.64 1.21 0.00	29.49 1.39 0.00	27.88 1.56 0.00	30.03 1.75 0.00	31.98 1.91 0.00	31.27 2.14 0.00	35.21 2.10 -6.00	56.23 2.08 -27.06	35.88 2.54 0.00	41.13 2.64 0.00	45.98 2.89 0.00	47.10 3.13 0.00	49.42 3.66 0.00	57.77 4.32 0.00	57.75 3.94 0.00	43.46 2.63 0.00	41.73 2.24 0.00	42.55 2.17 0.00	37.52 1.96 0.00	33.60 2.13 0.00
RIVERSDE_115KV_TB3 55908	30.51 0.52 0.00	28.23 0.41 0.00	25.21 0.35 0.00	26.13 0.37 0.00	26.78 0.36 0.00	28.48 0.38 0.00	26.75 0.42 0.00	28.67 0.38 0.00	30.45 0.38 0.00	29.59 0.46 0.00	28.43 0.33 -0.99	31.93 0.36 -4.48	33.66 0.32 0.00	38.90 0.41 0.00	43.57 0.49 0.00	44.43 0.46 0.00	46.46 0.70 0.00	54.30 0.85 0.00	54.54 0.74 0.00	41.42 0.58 0.00	39.88 0.39 0.00	40.72 0.34 0.00	35.86 0.30 0.00	31.97 0.49 0.00
ROARING___BROOK_WT_PWR 323790	29.15 -0.84 0.00	27.25 -0.58 0.00	24.48 -0.39 0.00	25.52 -0.24 0.00	26.26 -0.16 0.00	27.77 -0.33 0.00	25.86 -0.47 0.00	27.98 -0.31 0.00	29.89 -0.18 0.00	28.89 -0.24 0.00	26.88 -0.23 0.00	26.80 -0.30 0.00	32.94 -0.39 0.00	37.89 -0.60 0.00	42.33 -0.75 0.00	43.20 -0.77 0.00	44.74 -1.02 0.00	52.17 -1.27 0.00	52.65 -1.15 0.00	40.03 -0.80 0.00	38.75 -0.74 0.00	39.72 -0.66 0.00	35.07 -0.49 0.00	30.88 -0.59 0.00

ROCHESRG_115KV_T4 355643	29.68 -0.31 0.00	27.49 -0.34 0.00	24.46 -0.40 0.00	25.28 -0.48 0.00	26.02 -0.40 0.00	27.67 -0.43 0.00	25.87 -0.46 0.00	27.61 -0.67 0.00	29.39 -0.68 0.00	28.83 -0.31 0.00	27.03 -0.08 0.00	27.13 0.04 0.00	33.62 0.28 0.00	38.81 0.33 0.00	43.61 0.52 0.00	44.44 0.47 0.00	46.66 0.91 0.00	54.68 1.23 0.00	55.20 1.39 0.00	41.53 0.70 0.00	39.96 0.47 0.00	40.79 0.41 0.00	35.76 0.20 0.00	31.31 -0.16 0.00
ROCHESTER_9_IC 23652	29.86 -0.12 0.00	27.65 -0.18 0.00	24.60 -0.26 0.00	25.43 -0.33 0.00	26.16 -0.26 0.00	27.83 -0.27 0.00	26.02 -0.31 0.00	27.77 -0.52 0.00	29.57 -0.50 0.00	29.01 -0.13 0.00	27.21 0.10 0.00	27.32 0.23 0.00	33.88 0.54 0.00	39.13 0.64 0.00	43.99 0.90 0.00	44.84 0.87 0.00	47.11 1.34 0.00	55.20 1.76 0.00	55.73 1.93 0.00	41.91 1.08 0.00	40.31 0.82 0.00	41.13 0.74 0.00	36.02 0.46 0.00	31.53 0.05 0.00
ROCKVIEW_13_KV_LD 356306	31.72 1.73 0.00	29.18 1.35 0.00	25.93 1.07 0.00	26.75 1.00 0.00	27.47 1.05 0.00	29.31 1.21 0.00	27.66 1.33 0.00	29.86 1.57 0.00	31.84 1.78 0.00	31.16 2.03 0.00	35.07 1.96 -6.00	56.15 2.02 -27.03	35.76 2.42 0.00	41.17 2.68 0.00	45.91 2.83 0.00	46.98 3.01 0.00	49.46 3.69 0.00	57.70 4.26 0.00	57.70 3.90 0.00	43.43 2.59 0.00	41.62 2.13 0.00	42.41 2.03 0.00	37.42 1.86 0.00	33.36 1.89 0.00
ROME____115KV_TB2 80656	30.81 0.82 0.00	28.50 0.67 0.00	25.44 0.57 0.00	26.45 0.69 0.00	27.10 0.67 0.00	28.84 0.74 0.00	27.10 0.77 0.00	29.11 0.83 0.00	30.89 0.82 0.00	29.97 0.84 0.00	27.89 0.78 0.00	27.89 0.80 0.00	34.23 0.89 0.00	39.60 1.11 0.00	44.49 1.41 0.00	45.44 1.47 0.00	47.60 1.84 0.00	55.84 2.40 0.00	56.49 2.69 0.00	42.82 1.99 0.00	41.34 1.85 0.00	42.18 1.80 0.00	36.97 1.41 0.00	32.55 1.07 0.00
ROSETON___1 23587	31.23 1.23 0.00	28.76 0.93 0.00	25.58 0.72 0.00	26.44 0.68 0.00	27.14 0.71 0.00	28.93 0.84 0.00	27.26 0.93 0.00	29.37 1.09 0.00	31.29 1.22 0.00	30.55 1.41 0.00	28.45 1.35 0.00	28.48 1.39 0.00	34.97 1.63 0.00	40.30 1.81 0.00	45.00 1.91 0.00	46.00 2.03 0.00	48.32 2.56 0.00	56.40 2.96 0.00	56.49 2.68 0.00	42.61 1.78 0.00	40.87 1.38 0.00	41.67 1.29 0.00	36.75 1.18 0.00	32.77 1.29 0.00
ROSETON___2 23588	31.23 1.23 0.00	28.76 0.93 0.00	25.58 0.72 0.00	26.44 0.68 0.00	27.14 0.71 0.00	28.93 0.84 0.00	27.26 0.93 0.00	29.37 1.09 0.00	31.29 1.22 0.00	30.55 1.41 0.00	28.45 1.35 0.00	28.48 1.39 0.00	34.97 1.63 0.00	40.30 1.81 0.00	45.00 1.91 0.00	46.00 2.03 0.00	48.32 2.56 0.00	56.40 2.96 0.00	56.49 2.68 0.00	42.61 1.78 0.00	40.87 1.38 0.00	41.67 1.29 0.00	36.75 1.18 0.00	32.77 1.29 0.00
ROTRRDAM_115KV_TB3 80664	30.80 0.81 0.00	28.50 0.67 0.00	25.43 0.57 0.00	26.35 0.60 0.00	27.02 0.60 0.00	28.76 0.66 0.00	26.99 0.67 0.00	28.97 0.68 0.00	30.74 0.67 0.00	29.82 0.69 0.00	28.52 0.56 -0.86	31.55 0.58 -3.88	33.98 0.64 0.00	39.25 0.76 0.00	43.94 0.86 0.00	44.91 0.93 0.00	47.01 1.24 0.00	54.92 1.47 0.00	55.30 1.50 0.00	41.98 1.15 0.00	40.49 1.01 0.00	41.36 0.98 0.00	36.42 0.86 0.00	32.35 0.88 0.00
RUSSELL___1 23602	30.03 0.04 0.00	27.79 -0.04 0.00	24.71 -0.15 0.00	25.53 -0.23 0.00	26.28 -0.14 0.00	27.96 -0.14 0.00	26.14 -0.19 0.00	27.91 -0.38 0.00	29.72 -0.35 0.00	29.17 0.03 0.00	27.37 0.26 0.00	27.49 0.40 0.00	34.10 0.76 0.00	39.41 0.93 0.00	44.31 1.23 0.00	45.20 1.22 0.00	47.50 1.73 0.00	55.68 2.24 0.00	56.22 2.41 0.00	42.26 1.43 0.00	40.62 1.13 0.00	41.44 1.06 0.00	36.27 0.70 0.00	31.72 0.24 0.00
RUSSELL___2 23532	30.03 0.04 0.00	27.79 -0.04 0.00	24.71 -0.15 0.00	25.53 -0.23 0.00	26.28 -0.14 0.00	27.96 -0.14 0.00	26.14 -0.19 0.00	27.91 -0.38 0.00	29.72 -0.35 0.00	29.17 0.03 0.00	27.37 0.26 0.00	27.49 0.40 0.00	34.10 0.76 0.00	39.41 0.93 0.00	44.31 1.23 0.00	45.20 1.22 0.00	47.50 1.73 0.00	55.68 2.24 0.00	56.22 2.41 0.00	42.26 1.43 0.00	40.62 1.13 0.00	41.44 1.06 0.00	36.27 0.70 0.00	31.72 0.24 0.00
RUSSELL___3 23549	30.03 0.04 0.00	27.79 -0.04 0.00	24.71 -0.15 0.00	25.53 -0.23 0.00	26.28 -0.14 0.00	27.96 -0.14 0.00	26.14 -0.19 0.00	27.91 -0.38 0.00	29.72 -0.35 0.00	29.17 0.03 0.00	27.37 0.26 0.00	27.49 0.40 0.00	34.10 0.76 0.00	39.41 0.93 0.00	44.31 1.23 0.00	45.20 1.22 0.00	47.50 1.73 0.00	55.68 2.24 0.00	56.22 2.41 0.00	42.26 1.43 0.00	40.62 1.13 0.00	41.44 1.06 0.00	36.27 0.70 0.00	31.72 0.24 0.00
RUSSELL___4 23556	30.03 0.04 0.00	27.79 -0.04 0.00	24.71 -0.15 0.00	25.53 -0.23 0.00	26.28 -0.14 0.00	27.96 -0.14 0.00	26.14 -0.19 0.00	27.91 -0.38 0.00	29.72 -0.35 0.00	29.17 0.03 0.00	27.37 0.26 0.00	27.49 0.40 0.00	34.10 0.76 0.00	39.41 0.93 0.00	44.31 1.23 0.00	45.20 1.22 0.00	47.50 1.73 0.00	55.68 2.24 0.00	56.22 2.41 0.00	42.26 1.43 0.00	40.62 1.13 0.00	41.44 1.06 0.00	36.27 0.70 0.00	31.72 0.24 0.00
RUSSELL___STATION 23914	30.03 0.04 0.00	27.79 -0.04 0.00	24.71 -0.15 0.00	25.53 -0.23 0.00	26.28 -0.14 0.00	27.96 -0.14 0.00	26.14 -0.19 0.00	27.91 -0.38 0.00	29.72 -0.35 0.00	29.17 0.03 0.00	27.37 0.26 0.00	27.49 0.40 0.00	34.10 0.76 0.00	39.41 0.93 0.00	44.31 1.23 0.00	45.20 1.22 0.00	47.50 1.73 0.00	55.68 2.24 0.00	56.22 2.41 0.00	42.26 1.43 0.00	40.62 1.13 0.00	41.44 1.06 0.00	36.27 0.70 0.00	31.72 0.24 0.00
S SALMON___HYD 24043	29.32 -0.67 0.00	27.17 -0.66 0.00	24.32 -0.54 0.00	25.32 -0.44 0.00	25.96 -0.46 0.00	27.54 -0.56 0.00	25.81 -0.52 0.00	27.68 -0.61 0.00	29.41 -0.66 0.00	28.58 -0.55 0.00	26.59 -0.52 0.00	26.58 -0.51 0.00	32.69 -0.65 0.00	37.76 -0.73 0.00	42.16 -0.92 0.00	43.08 -0.89 0.00	45.13 -0.63 0.00	53.01 -0.43 0.00	53.59 -0.22 0.00	40.63 -0.21 0.00	39.23 -0.27 0.00	40.09 -0.29 0.00	35.18 -0.39 0.00	30.99 -0.49 0.00
S.PERRY__115KV_TB1 80734	30.62 0.63 0.00	28.27 0.45 0.00	25.14 0.28 0.00	25.97 0.21 0.00	26.74 0.31 0.00	28.45 0.35 0.00	26.72 0.39 0.00	28.48 0.19 0.00	30.14 0.07 0.00	29.47 0.34 0.00	27.60 0.49 0.00	27.68 0.58 0.00	34.18 0.85 0.00	38.89 0.40 0.00	43.40 0.32 0.00	44.11 0.14 0.00	46.46 0.70 0.00	54.57 1.12 0.00	55.14 1.34 0.00	41.85 1.02 0.00	40.59 1.11 0.00	41.44 1.06 0.00	36.90 1.33 0.00	32.44 0.97 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.38 -0.61 0.00	27.25 -0.58 0.00	24.21 -0.65 0.00	25.01 -0.75 0.00	25.78 -0.65 0.00	27.37 -0.73 0.00	25.56 -0.76 0.00	27.17 -1.12 0.00	28.96 -1.11 0.00	28.61 -0.53 0.00	26.94 -0.17 0.00	27.05 -0.04 0.00	33.61 0.27 0.00	38.70 0.21 0.00	43.50 0.42 0.00	44.18 0.21 0.00	46.48 0.72 0.00	54.43 0.98 0.00	54.99 1.18 0.00	41.17 0.34 0.00	39.63 0.14 0.00	40.59 0.20 0.00	35.58 0.02 0.00	31.01 -0.47 0.00

SAWYER___23_KV_LOAD 55526	29.38 -0.61 0.00	27.25 -0.58 0.00	24.21 -0.65 0.00	25.01 -0.75 0.00	25.78 -0.65 0.00	27.37 -0.73 0.00	25.56 -0.76 0.00	27.17 -1.12 0.00	28.96 -1.11 0.00	28.61 -0.53 0.00	26.94 -0.17 0.00	27.05 -0.04 0.00	33.61 0.27 0.00	38.70 0.21 0.00	43.50 0.42 0.00	44.18 0.21 0.00	46.48 0.72 0.00	54.43 0.98 0.00	54.99 1.18 0.00	41.17 0.34 0.00	39.63 0.14 0.00	40.59 0.20 0.00	35.58 0.02 0.00	31.01 -0.47 0.00
SELKIRK___I 23801	30.65 0.66 0.00	28.38 0.56 0.00	25.36 0.50 0.00	26.29 0.53 0.00	26.94 0.52 0.00	28.66 0.56 0.00	26.89 0.57 0.00	28.79 0.51 0.00	30.51 0.44 0.00	29.56 0.43 0.00	28.27 0.27 -0.88	31.34 0.27 -3.99	33.56 0.22 0.00	38.75 0.27 0.00	43.40 0.32 0.00	44.29 0.32 0.00	46.35 0.59 0.00	54.38 0.93 0.00	54.76 0.95 0.00	41.61 0.78 0.00	40.14 0.66 0.00	41.01 0.62 0.00	36.11 0.54 0.00	32.14 0.67 0.00
SELKIRK___II 23799	30.50 0.51 0.00	28.21 0.39 0.00	25.20 0.33 0.00	26.11 0.35 0.00	26.76 0.33 0.00	28.47 0.37 0.00	26.73 0.41 0.00	28.67 0.38 0.00	30.44 0.37 0.00	29.57 0.44 0.00	28.39 0.33 -0.95	31.74 0.35 -4.29	33.67 0.33 0.00	38.89 0.40 0.00	43.53 0.45 0.00	44.39 0.42 0.00	46.43 0.67 0.00	54.29 0.85 0.00	54.57 0.76 0.00	41.42 0.58 0.00	39.90 0.41 0.00	40.75 0.37 0.00	35.90 0.34 0.00	31.96 0.49 0.00
SENECA OSWGO___HYD 24041	29.65 -0.35 0.00	27.43 -0.40 0.00	24.48 -0.38 0.00	25.35 -0.41 0.00	26.01 -0.41 0.00	27.70 -0.40 0.00	25.93 -0.39 0.00	27.76 -0.53 0.00	29.47 -0.60 0.00	28.64 -0.49 0.00	26.68 -0.43 0.00	26.74 -0.35 0.00	32.99 -0.35 0.00	38.14 -0.34 0.00	42.71 -0.37 0.00	43.59 -0.39 0.00	45.62 -0.14 0.00	53.50 0.06 0.00	53.95 0.14 0.00	40.83 0.00 0.00	39.36 -0.13 0.00	40.21 -0.18 0.00	35.33 -0.24 0.00	31.19 -0.28 0.00
SENECA___115KV_TB3 355854	29.68 -0.31 0.00	27.52 -0.31 0.00	24.45 -0.42 0.00	25.24 -0.52 0.00	26.00 -0.42 0.00	27.63 -0.47 0.00	25.82 -0.51 0.00	27.48 -0.81 0.00	29.30 -0.77 0.00	28.97 -0.17 0.00	27.28 0.17 0.00	27.43 0.34 0.00	34.06 0.72 0.00	39.30 0.81 0.00	44.21 1.12 0.00	44.89 0.92 0.00	47.24 1.48 0.00	55.36 1.92 0.00	55.91 2.11 0.00	41.81 0.98 0.00	40.22 0.73 0.00	41.17 0.79 0.00	36.05 0.49 0.00	31.40 -0.08 0.00
SENECA___ENERGY 23797	29.84 -0.14 0.00	27.57 -0.26 0.00	24.56 -0.30 0.00	25.41 -0.35 0.00	26.10 -0.32 0.00	27.82 -0.28 0.00	26.11 -0.21 0.00	27.94 -0.34 0.00	29.69 -0.38 0.00	29.09 -0.04 0.00	27.19 0.09 0.00	27.31 0.22 0.00	33.75 0.41 0.00	39.01 0.52 0.00	43.80 0.71 0.00	44.77 0.79 0.00	47.00 1.24 0.00	55.18 1.74 0.00	55.73 1.92 0.00	41.96 1.13 0.00	40.43 0.94 0.00	41.20 0.82 0.00	36.04 0.48 0.00	31.74 0.27 0.00
SHOEMAKER___GT 23640	31.10 1.11 0.00	28.66 0.84 0.00	25.51 0.64 0.00	26.37 0.61 0.00	27.06 0.64 0.00	28.85 0.75 0.00	27.17 0.84 0.00	29.26 0.97 0.00	31.14 1.07 0.00	30.36 1.22 0.00	22.94 1.15 5.31	4.33 1.18 23.95	34.75 1.41 0.00	40.06 1.57 0.00	44.82 1.73 0.00	45.83 1.85 0.00	48.10 2.34 0.00	56.22 2.77 0.00	56.39 2.59 0.00	42.58 1.74 0.00	40.86 1.37 0.00	41.66 1.28 0.00	36.70 1.13 0.00	32.65 1.18 0.00
SHOEMAKR_138KV_BK 111 55601	31.09 1.11 0.00	28.65 0.82 0.00	25.50 0.64 0.00	26.36 0.60 0.00	27.05 0.63 0.00	28.84 0.74 0.00	27.15 0.83 0.00	29.25 0.96 0.00	31.15 1.08 0.00	30.37 1.24 0.00	23.23 1.18 5.05	5.54 1.21 22.77	34.78 1.44 0.00	40.10 1.61 0.00	44.83 1.75 0.00	45.85 1.87 0.00	48.13 2.37 0.00	56.23 2.79 0.00	56.39 2.59 0.00	42.55 1.72 0.00	40.83 1.34 0.00	41.63 1.25 0.00	36.67 1.11 0.00	32.63 1.16 0.00
SHOREHAM_IC_1 23715	31.71 1.72 0.00	29.17 1.34 0.00	25.89 1.03 0.00	26.59 0.83 0.00	27.29 0.86 0.00	29.13 1.02 0.00	27.58 1.26 0.00	29.79 1.51 0.00	31.65 1.58 0.00	31.02 1.89 0.00	35.41 1.95 -6.36	56.09 1.69 -27.31	35.32 1.98 0.00	40.64 2.15 0.00	45.23 2.14 0.00	46.19 2.22 0.00	48.93 3.17 0.00	57.03 3.59 0.00	57.03 3.22 0.00	43.04 2.20 0.00	41.36 1.87 0.00	42.15 1.76 0.00	37.67 1.80 -0.30	36.70 2.02 -3.20
SHOREHAM_IC_2 23716	31.71 1.72 0.00	29.17 1.34 0.00	25.89 1.03 0.00	26.59 0.83 0.00	27.29 0.86 0.00	29.13 1.02 0.00	27.58 1.26 0.00	29.79 1.51 0.00	31.65 1.58 0.00	31.02 1.89 0.00	35.41 1.95 -6.36	56.09 1.69 -27.31	35.32 1.98 0.00	40.64 2.15 0.00	45.23 2.14 0.00	46.19 2.22 0.00	48.93 3.17 0.00	57.03 3.59 0.00	57.03 3.22 0.00	43.04 2.20 0.00	41.36 1.87 0.00	42.15 1.76 0.00	37.67 1.80 -0.30	36.70 2.02 -3.20
SISSONVILLE____ 23735	28.76 -1.23 0.00	26.90 -0.92 0.00	24.11 -0.75 0.00	25.07 -0.69 0.00	25.74 -0.69 0.00	27.25 -0.85 0.00	25.49 -0.84 0.00	27.64 -0.65 0.00	29.45 -0.62 0.00	28.30 -0.83 0.00	26.29 -0.81 0.00	26.13 -0.97 0.00	32.14 -1.19 0.00	37.03 -1.46 0.00	41.48 -1.60 0.00	42.41 -1.57 0.00	43.60 -2.16 0.00	50.65 -2.79 0.00	51.48 -2.33 0.00	39.78 -1.06 0.00	38.72 -0.77 0.00	39.63 -0.75 0.00	35.07 -0.49 0.00	30.77 -0.71 0.00
SITHE_IND_GS1 24169	29.26 -0.73 0.00	27.12 -0.71 0.00	24.21 -0.65 0.00	25.07 -0.69 0.00	25.71 -0.71 0.00	27.37 -0.73 0.00	25.59 -0.73 0.00	27.38 -0.91 0.00	29.08 -0.99 0.00	28.27 -0.86 0.00	26.34 -0.76 0.00	26.39 -0.70 0.00	32.55 -0.79 0.00	37.64 -0.85 0.00	42.14 -0.94 0.00	43.02 -0.95 0.00	44.95 -0.81 0.00	52.57 -0.87 0.00	52.95 -0.86 0.00	40.11 -0.73 0.00	38.71 -0.78 0.00	39.53 -0.85 0.00	34.75 -0.81 0.00	30.74 -0.73 0.00
SITHE_IND_GS2 24170	29.26 -0.73 0.00	27.12 -0.71 0.00	24.21 -0.65 0.00	25.07 -0.69 0.00	25.71 -0.71 0.00	27.37 -0.73 0.00	25.59 -0.73 0.00	27.38 -0.91 0.00	29.08 -0.99 0.00	28.27 -0.86 0.00	26.34 -0.76 0.00	26.39 -0.70 0.00	32.55 -0.79 0.00	37.64 -0.85 0.00	42.14 -0.94 0.00	43.02 -0.95 0.00	44.95 -0.81 0.00	52.57 -0.87 0.00	52.95 -0.86 0.00	40.11 -0.73 0.00	38.71 -0.78 0.00	39.53 -0.85 0.00	34.75 -0.81 0.00	30.74 -0.73 0.00
SITHE_IND_GS3 24171	29.26 -0.73 0.00	27.12 -0.71 0.00	24.21 -0.65 0.00	25.07 -0.69 0.00	25.71 -0.71 0.00	27.37 -0.73 0.00	25.59 -0.73 0.00	27.38 -0.91 0.00	29.08 -0.99 0.00	28.27 -0.86 0.00	26.34 -0.76 0.00	26.39 -0.70 0.00	32.55 -0.79 0.00	37.64 -0.85 0.00	42.14 -0.94 0.00	43.02 -0.95 0.00	44.95 -0.81 0.00	52.57 -0.87 0.00	52.95 -0.86 0.00	40.11 -0.73 0.00	38.71 -0.78 0.00	39.53 -0.85 0.00	34.75 -0.81 0.00	30.74 -0.73 0.00
SITHE_IND_GS4 24172	29.26 -0.73 0.00	27.12 -0.71 0.00	24.21 -0.65 0.00	25.07 -0.69 0.00	25.71 -0.71 0.00	27.37 -0.73 0.00	25.59 -0.73 0.00	27.38 -0.91 0.00	29.08 -0.99 0.00	28.27 -0.86 0.00	26.34 -0.76 0.00	26.39 -0.70 0.00	32.55 -0.79 0.00	37.64 -0.85 0.00	42.14 -0.94 0.00	43.02 -0.95 0.00	44.95 -0.81 0.00	52.57 -0.87 0.00	52.95 -0.86 0.00	40.11 -0.73 0.00	38.71 -0.78 0.00	39.53 -0.85 0.00	34.75 -0.81 0.00	30.74 -0.73 0.00

SITHE___BATAVIA 24024	30.30 0.31 0.00	28.06 0.23 0.00	24.91 0.05 0.00	25.73 -0.03 0.00	26.50 0.08 0.00	28.23 0.13 0.00	26.39 0.07 0.00	28.12 -0.17 0.00	29.92 -0.15 0.00	29.41 0.27 0.00	27.59 0.48 0.00	27.68 0.59 0.00	34.37 1.04 0.00	39.66 1.17 0.00	44.62 1.54 0.00	45.47 1.49 0.00	47.83 2.07 0.00	56.25 2.81 0.00	57.13 3.32 0.00	42.97 2.14 0.00	41.39 1.90 0.00	42.23 1.85 0.00	36.91 1.35 0.00	32.10 0.62 0.00
SITHE___INDEPEND 23800	29.26 -0.73 0.00	27.12 -0.71 0.00	24.21 -0.65 0.00	25.07 -0.69 0.00	25.71 -0.71 0.00	27.37 -0.73 0.00	25.59 -0.73 0.00	27.38 -0.91 0.00	29.08 -0.99 0.00	28.26 -0.87 0.00	26.34 -0.76 0.00	26.39 -0.70 0.00	32.55 -0.79 0.00	37.64 -0.85 0.00	42.14 -0.95 0.00	43.02 -0.95 0.00	44.95 -0.81 0.00	52.57 -0.87 0.00	52.95 -0.86 0.00	40.11 -0.72 0.00	38.71 -0.78 0.00	39.54 -0.84 0.00	34.75 -0.81 0.00	30.74 -0.74 0.00
SITHE___MASSENA 23902	29.61 -0.38 0.00	27.68 -0.15 0.00	24.78 -0.08 0.00	25.72 -0.04 0.00	26.41 -0.02 0.00	28.00 -0.09 0.00	26.18 -0.15 0.00	28.29 0.00 0.00	30.16 0.09 0.00	29.03 -0.11 0.00	26.98 -0.12 0.00	26.86 -0.24 0.00	33.05 -0.29 0.00	38.08 -0.40 0.00	42.66 -0.42 0.00	43.55 -0.42 0.00	44.78 -0.98 0.00	51.99 -1.46 0.00	52.60 -1.21 0.00	40.49 -0.35 0.00	39.41 -0.09 0.00	40.35 -0.03 0.00	35.63 0.07 0.00	31.27 -0.20 0.00
SITHE___OGDNSBRG 24021	29.79 -0.19 0.00	27.85 0.03 0.00	24.94 0.08 0.00	25.92 0.15 0.00	26.60 0.18 0.00	28.22 0.12 0.00	26.38 0.05 0.00	28.52 0.23 0.00	30.25 0.18 0.00	28.97 -0.16 0.00	26.91 -0.20 0.00	26.73 -0.36 0.00	32.90 -0.44 0.00	37.88 -0.60 0.00	42.40 -0.68 0.00	43.33 -0.64 0.00	44.57 -1.19 0.00	51.80 -1.64 0.00	52.85 -0.96 0.00	41.02 0.18 0.00	40.10 0.61 0.00	41.03 0.65 0.00	36.19 0.63 0.00	31.67 0.19 0.00
SITHE___STERLING 23777	30.70 0.71 0.00	28.40 0.57 0.00	25.34 0.47 0.00	26.29 0.53 0.00	26.95 0.53 0.00	28.71 0.61 0.00	26.95 0.63 0.00	28.92 0.63 0.00	30.69 0.62 0.00	29.77 0.64 0.00	27.72 0.61 0.00	27.75 0.66 0.00	34.11 0.77 0.00	39.44 0.95 0.00	44.26 1.18 0.00	45.21 1.24 0.00	47.34 1.57 0.00	55.49 2.04 0.00	56.03 2.23 0.00	42.48 1.65 0.00	41.04 1.55 0.00	41.87 1.49 0.00	36.72 1.16 0.00	32.38 0.90 0.00
SLEIGHT__34_KV_TB1 80719	29.77 -0.21 0.00	27.54 -0.29 0.00	24.51 -0.35 0.00	25.35 -0.41 0.00	26.06 -0.36 0.00	27.75 -0.35 0.00	26.01 -0.32 0.00	27.80 -0.49 0.00	29.56 -0.51 0.00	28.92 -0.21 0.00	27.07 -0.04 0.00	27.18 0.09 0.00	33.67 0.33 0.00	38.91 0.42 0.00	43.71 0.63 0.00	44.67 0.70 0.00	46.92 1.16 0.00	55.00 1.56 0.00	55.54 1.74 0.00	41.79 0.95 0.00	40.22 0.73 0.00	40.99 0.60 0.00	35.85 0.29 0.00	31.47 -0.01 0.00
SOUTH CAIRO___GT 23612	31.51 1.52 0.00	29.14 1.32 0.00	26.03 1.17 0.00	26.99 1.23 0.00	27.64 1.22 0.00	29.44 1.34 0.00	27.65 1.33 0.00	29.60 1.31 0.00	31.33 1.26 0.00	30.22 1.09 0.00	27.82 0.71 0.00	27.76 0.66 0.00	34.05 0.71 0.00	39.51 1.02 0.00	44.45 1.36 0.00	45.47 1.50 0.00	47.86 2.09 0.00	56.40 2.95 0.00	57.17 3.36 0.00	43.62 2.78 0.00	42.13 2.64 0.00	42.92 2.53 0.00	37.59 2.03 0.00	33.30 1.82 0.00
SOUTH HAMPTN___IC 23720	32.34 2.35 0.00	29.74 1.91 0.00	26.39 1.53 0.00	27.08 1.32 0.00	27.79 1.37 0.00	29.67 1.57 0.00	28.10 1.78 0.00	30.37 2.09 0.00	32.33 2.26 0.00	31.76 2.63 0.00	36.15 2.69 -6.36	56.80 2.40 -27.31	36.23 2.89 0.00	41.73 3.25 0.00	46.45 3.36 0.00	47.37 3.39 0.00	50.20 4.43 0.00	58.37 4.93 0.00	58.31 4.50 0.00	43.76 2.93 0.00	42.40 2.91 0.00	43.22 2.84 0.00	38.60 2.73 -0.30	37.45 2.77 -3.20
SOUTHDOW_115KV_TB1 355954	30.42 0.43 0.00	28.14 0.31 0.00	24.99 0.13 0.00	25.81 0.05 0.00	26.60 0.18 0.00	28.28 0.18 0.00	26.58 0.26 0.00	28.43 0.14 0.00	30.30 0.23 0.00	30.03 0.90 0.00	28.25 1.15 0.00	28.53 1.43 0.00	35.40 2.07 0.00	40.95 2.46 0.00	46.05 2.97 0.00	46.68 2.71 0.00	49.17 3.40 0.00	57.69 4.25 0.00	58.18 4.38 0.00	43.28 2.45 0.00	41.62 2.13 0.00	42.59 2.21 0.00	37.16 1.60 0.00	32.37 0.90 0.00
SOUTHOLD_69_KV_BK 2 55809	33.05 3.06 0.00	30.36 2.54 0.00	26.94 2.08 0.00	27.64 1.87 0.00	28.36 1.93 0.00	30.29 2.19 0.00	28.69 2.37 0.00	31.03 2.74 0.00	33.09 3.02 0.00	32.57 3.44 0.00	36.91 3.45 -6.36	57.05 2.64 -27.31	36.47 3.13 0.00	42.05 3.56 0.00	46.75 3.67 0.00	47.58 3.61 0.00	50.45 4.69 0.00	58.47 5.03 0.00	58.36 4.55 0.00	43.42 2.59 0.00	43.06 3.58 0.00	44.23 3.84 0.00	39.52 3.65 -0.30	38.19 3.51 -3.20
SOUTHOLD___IC 23719	33.05 3.06 0.00	30.37 2.54 0.00	26.94 2.08 0.00	27.64 1.88 0.00	28.36 1.94 0.00	30.28 2.18 0.00	28.69 2.37 0.00	31.03 2.74 0.00	33.09 3.02 0.00	32.57 3.43 0.00	36.91 3.45 -6.36	57.04 2.64 -27.31	36.47 3.13 0.00	42.05 3.56 0.00	46.75 3.67 0.00	47.58 3.61 0.00	50.45 4.69 0.00	58.48 5.03 0.00	58.36 4.55 0.00	43.42 2.59 0.00	43.06 3.57 0.00	44.23 3.85 0.00	39.52 3.65 -0.30	38.19 3.51 -3.20
SOUTH_FORK_WT_PWR 323839	33.19 3.20 0.00	30.50 2.67 0.00	27.05 2.19 0.00	27.75 1.99 0.00	28.49 2.07 0.00	30.42 2.32 0.00	28.82 2.50 0.00	31.16 2.87 0.00	33.25 3.18 0.00	32.75 3.62 0.00	37.13 3.67 -6.36	57.49 3.09 -27.31	37.06 3.73 0.00	42.73 4.24 0.00	47.44 4.36 0.00	48.18 4.21 0.00	51.05 5.29 0.00	59.07 5.63 0.00	58.94 5.13 0.00	43.53 2.70 0.00	43.38 3.89 0.00	44.40 4.02 0.00	39.73 3.86 -0.30	38.36 3.68 -3.20
SPIERFLS_115KV_TB 1 80737	32.21 2.22 0.00	29.70 1.87 0.00	26.43 1.57 0.00	27.45 1.69 0.00	28.15 1.72 0.00	30.01 1.92 0.00	28.28 1.95 0.00	30.28 2.00 0.00	32.01 1.94 0.00	31.03 1.90 0.00	29.48 1.43 -0.94	32.85 1.53 -4.22	35.07 1.73 0.00	40.58 2.10 0.00	45.64 2.56 0.00	46.62 2.65 0.00	48.98 3.22 0.00	57.38 3.93 0.00	58.19 4.39 0.00	44.20 3.37 0.00	42.80 3.31 0.00	43.62 3.23 0.00	38.38 2.82 0.00	34.07 2.59 0.00
ST LAWRENCE____ 23600	29.43 -0.56 0.00	27.50 -0.33 0.00	24.62 -0.24 0.00	25.54 -0.22 0.00	26.22 -0.21 0.00	27.81 -0.29 0.00	25.99 -0.33 0.00	28.08 -0.21 0.00	29.93 -0.14 0.00	28.83 -0.30 0.00	26.81 -0.30 0.00	26.70 -0.40 0.00	32.87 -0.47 0.00	37.87 -0.62 0.00	42.44 -0.64 0.00	43.30 -0.67 0.00	44.65 -1.11 0.00	52.02 -1.42 0.00	52.55 -1.26 0.00	40.14 -0.70 0.00	39.05 -0.44 0.00	40.00 -0.39 0.00	35.31 -0.26 0.00	31.02 -0.45 0.00
STATE_CA_115KV_115_LB 55624	30.57 0.58 0.00	28.28 0.46 0.00	25.26 0.39 0.00	26.17 0.40 0.00	26.82 0.40 0.00	28.54 0.44 0.00	26.80 0.48 0.00	28.73 0.44 0.00	30.52 0.45 0.00	29.66 0.53 0.00	28.50 0.41 -0.97	31.94 0.45 -4.39	33.78 0.44 0.00	39.04 0.55 0.00	43.74 0.66 0.00	44.62 0.65 0.00	46.69 0.93 0.00	54.56 1.11 0.00	54.79 0.98 0.00	41.58 0.75 0.00	40.04 0.55 0.00	40.87 0.49 0.00	35.99 0.42 0.00	32.05 0.58 0.00

STATE_ST_34_KV_LOAD 55959	30.17 0.18 0.00	27.91 0.08 0.00	24.89 0.03 0.00	25.75 -0.01 0.00	26.44 0.01 0.00	28.16 0.06 0.00	26.41 0.08 0.00	28.25 -0.04 0.00	29.90 -0.17 0.00	29.10 -0.03 0.00	27.13 0.03 0.00	27.20 0.10 0.00	33.61 0.27 0.00	38.87 0.38 0.00	43.63 0.54 0.00	44.75 0.77 0.00	46.97 1.21 0.00	55.12 1.67 0.00	55.67 1.86 0.00	41.94 1.10 0.00	40.50 1.01 0.00	41.34 0.96 0.00	36.14 0.58 0.00	31.93 0.46 0.00
STATION 5_MISC_HYD 23604	29.86 -0.12 0.00	27.65 -0.18 0.00	24.59 -0.27 0.00	25.43 -0.33 0.00	26.16 -0.26 0.00	27.83 -0.27 0.00	26.02 -0.31 0.00	27.77 -0.52 0.00	29.57 -0.50 0.00	29.01 -0.12 0.00	27.21 0.10 0.00	27.33 0.23 0.00	33.88 0.54 0.00	39.13 0.65 0.00	43.98 0.90 0.00	44.84 0.87 0.00	47.11 1.35 0.00	55.20 1.76 0.00	55.74 1.93 0.00	41.90 1.07 0.00	40.30 0.82 0.00	41.13 0.74 0.00	36.02 0.46 0.00	31.53 0.05 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.08 0.09 0.00	27.81 -0.01 0.00	24.75 -0.11 0.00	25.59 -0.17 0.00	26.32 -0.10 0.00	28.02 -0.08 0.00	26.25 -0.07 0.00	28.09 -0.20 0.00	29.89 -0.18 0.00	29.28 0.15 0.00	27.42 0.31 0.00	27.54 0.44 0.00	34.09 0.75 0.00	39.39 0.91 0.00	44.27 1.19 0.00	45.20 1.23 0.00	47.48 1.72 0.00	55.70 2.26 0.00	56.24 2.44 0.00	42.29 1.46 0.00	40.68 1.20 0.00	41.46 1.08 0.00	36.27 0.71 0.00	31.81 0.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.73 -0.26 0.00	27.52 -0.31 0.00	24.48 -0.38 0.00	25.30 -0.46 0.00	26.04 -0.38 0.00	27.70 -0.40 0.00	25.90 -0.42 0.00	27.67 -0.62 0.00	29.46 -0.61 0.00	28.88 -0.25 0.00	27.09 -0.02 0.00	27.21 0.12 0.00	33.74 0.40 0.00	38.98 0.49 0.00	43.82 0.73 0.00	44.69 0.72 0.00	46.93 1.17 0.00	54.99 1.55 0.00	55.51 1.70 0.00	41.74 0.91 0.00	40.15 0.66 0.00	40.95 0.57 0.00	35.86 0.30 0.00	31.39 -0.09 0.00
STA_56___34_KV_BUS2 355983	29.73 -0.26 0.00	27.52 -0.31 0.00	24.48 -0.38 0.00	25.30 -0.46 0.00	26.04 -0.38 0.00	27.70 -0.40 0.00	25.90 -0.42 0.00	27.67 -0.62 0.00	29.46 -0.61 0.00	28.88 -0.25 0.00	27.09 -0.02 0.00	27.21 0.12 0.00	33.74 0.40 0.00	38.98 0.49 0.00	43.82 0.73 0.00	44.69 0.72 0.00	46.93 1.17 0.00	54.99 1.55 0.00	55.51 1.70 0.00	41.74 0.91 0.00	40.15 0.66 0.00	40.95 0.57 0.00	35.86 0.30 0.00	31.39 -0.09 0.00
STA_67___115KV_BK2 355882	29.79 -0.20 0.00	27.58 -0.24 0.00	24.54 -0.32 0.00	25.37 -0.39 0.00	26.11 -0.31 0.00	27.76 -0.34 0.00	25.96 -0.36 0.00	27.71 -0.58 0.00	29.50 -0.57 0.00	28.94 -0.19 0.00	27.14 0.04 0.00	27.25 0.15 0.00	33.78 0.44 0.00	39.01 0.52 0.00	43.83 0.75 0.00	44.69 0.72 0.00	46.94 1.18 0.00	55.00 1.55 0.00	55.52 1.72 0.00	41.76 0.93 0.00	40.18 0.69 0.00	41.00 0.62 0.00	35.93 0.37 0.00	31.45 -0.03 0.00
STA_7___115KV_9TRANS 80674	30.03 0.04 0.00	27.79 -0.04 0.00	24.71 -0.15 0.00	25.53 -0.23 0.00	26.28 -0.14 0.00	27.96 -0.14 0.00	26.14 -0.19 0.00	27.91 -0.38 0.00	29.72 -0.35 0.00	29.17 0.03 0.00	27.37 0.26 0.00	27.49 0.40 0.00	34.10 0.76 0.00	39.41 0.93 0.00	44.31 1.23 0.00	45.20 1.22 0.00	47.50 1.73 0.00	55.68 2.24 0.00	56.22 2.41 0.00	42.26 1.43 0.00	40.62 1.13 0.00	41.44 1.06 0.00	36.27 0.70 0.00	31.72 0.24 0.00
STA_82___115KV_TB1 80780	29.81 -0.18 0.00	27.60 -0.23 0.00	24.55 -0.31 0.00	25.38 -0.38 0.00	26.12 -0.30 0.00	27.78 -0.32 0.00	25.97 -0.35 0.00	27.73 -0.56 0.00	29.51 -0.55 0.00	28.95 -0.18 0.00	27.15 0.04 0.00	27.26 0.17 0.00	33.79 0.46 0.00	39.02 0.53 0.00	43.86 0.77 0.00	44.70 0.73 0.00	46.96 1.20 0.00	55.02 1.58 0.00	55.55 1.74 0.00	41.79 0.96 0.00	40.21 0.72 0.00	41.04 0.65 0.00	35.94 0.38 0.00	31.46 -0.01 0.00
STEEL___WIND 323596	29.65 -0.34 0.00	27.49 -0.34 0.00	24.42 -0.45 0.00	25.21 -0.55 0.00	25.98 -0.45 0.00	27.61 -0.49 0.00	25.80 -0.53 0.00	27.46 -0.84 0.00	29.28 -0.79 0.00	28.95 -0.19 0.00	27.24 0.13 0.00	27.40 0.31 0.00	34.02 0.68 0.00	39.25 0.76 0.00	44.13 1.04 0.00	44.81 0.84 0.00	47.17 1.41 0.00	55.29 1.85 0.00	55.84 2.04 0.00	41.75 0.92 0.00	40.16 0.68 0.00	41.11 0.72 0.00	36.00 0.44 0.00	31.36 -0.11 0.00
STEPHTWN_115KV_BK_2 55603	30.73 0.74 0.00	28.38 0.55 0.00	25.30 0.44 0.00	26.21 0.45 0.00	26.90 0.47 0.00	28.60 0.49 0.00	26.91 0.59 0.00	28.84 0.56 0.00	30.65 0.58 0.00	29.77 0.64 0.00	28.60 0.50 -0.99	32.13 0.57 -4.47	33.90 0.56 0.00	39.27 0.79 0.00	44.01 0.93 0.00	44.80 0.83 0.00	46.85 1.09 0.00	55.01 1.56 0.00	55.37 1.56 0.00	41.87 1.04 0.00	40.22 0.73 0.00	41.13 0.75 0.00	36.10 0.53 0.00	32.24 0.76 0.00
STEUBEN_REC_LFGE 323667	31.05 1.07 0.00	28.62 0.79 0.00	25.44 0.57 0.00	26.27 0.51 0.00	27.06 0.64 0.00	28.84 0.74 0.00	27.14 0.81 0.00	29.04 0.75 0.00	30.88 0.81 0.00	30.38 1.25 0.00	28.40 1.29 0.00	28.58 1.49 0.00	35.36 2.03 0.00	40.88 2.39 0.00	45.95 2.87 0.00	46.63 2.66 0.00	49.34 3.58 0.00	58.10 4.66 0.00	58.91 5.10 0.00	44.14 3.31 0.00	42.51 3.02 0.00	43.32 2.94 0.00	37.69 2.13 0.00	33.01 1.53 0.00
STILLWATER___SOLAR 323814	31.82 1.83 0.00	29.37 1.55 0.00	26.17 1.31 0.00	27.16 1.40 0.00	27.86 1.43 0.00	29.67 1.57 0.00	27.91 1.59 0.00	29.89 1.60 0.00	31.65 1.58 0.00	30.71 1.58 0.00	29.36 1.28 -0.97	32.80 1.35 -4.36	34.85 1.51 0.00	40.34 1.85 0.00	45.26 2.18 0.00	46.17 2.20 0.00	48.38 2.62 0.00	56.57 3.13 0.00	57.03 3.23 0.00	43.37 2.54 0.00	41.85 2.36 0.00	42.70 2.32 0.00	37.57 2.01 0.00	33.44 1.96 0.00
STONY___BROOK 24151	32.01 2.02 0.00	29.46 1.63 0.00	26.15 1.29 0.00	26.87 1.11 0.00	27.57 1.15 0.00	29.43 1.33 0.00	27.86 1.53 0.00	30.09 1.80 0.00	31.82 1.75 0.00	31.19 2.06 0.00	35.58 2.12 -6.36	56.32 1.92 -27.31	35.74 2.40 0.00	41.07 2.58 0.00	45.60 2.51 0.00	46.47 2.50 0.00	49.25 3.49 0.00	57.31 3.87 0.00	57.28 3.48 0.00	43.43 2.60 0.00	41.64 2.15 0.00	42.41 2.03 0.00	37.90 2.04 -0.30	36.99 2.31 -3.20
STURGEON_POOL_HYD 23609	31.32 1.33 0.00	28.82 0.99 0.00	25.63 0.76 0.00	26.47 0.71 0.00	27.16 0.74 0.00	28.96 0.86 0.00	27.30 0.98 0.00	29.48 1.19 0.00	31.44 1.37 0.00	30.74 1.61 0.00	28.68 1.57 0.00	28.73 1.64 0.00	35.31 1.97 0.00	40.70 2.21 0.00	45.45 2.37 0.00	46.49 2.52 0.00	48.88 3.12 0.00	57.01 3.57 0.00	56.93 3.13 0.00	42.85 2.02 0.00	41.05 1.56 0.00	41.81 1.43 0.00	36.86 1.30 0.00	32.82 1.34 0.00
ST_LAW_115_BK7_LBMP 345037	29.40 -0.59 0.00	27.47 -0.36 0.00	24.60 -0.26 0.00	25.53 -0.23 0.00	26.20 -0.22 0.00	27.80 -0.30 0.00	25.97 -0.36 0.00	28.06 -0.22 0.00	29.92 -0.15 0.00	28.80 -0.33 0.00	26.78 -0.32 0.00	26.66 -0.43 0.00	32.81 -0.53 0.00	37.82 -0.67 0.00	42.37 -0.72 0.00	43.24 -0.73 0.00	44.54 -1.22 0.00	51.86 -1.58 0.00	52.41 -1.40 0.00	40.08 -0.75 0.00	39.00 -0.49 0.00	39.96 -0.43 0.00	35.29 -0.27 0.00	30.99 -0.49 0.00

ST_LAW_115_BK8_LBMP 345038	29.40 -0.59 0.00	27.47 -0.36 0.00	24.60 -0.26 0.00	25.53 -0.23 0.00	26.20 -0.22 0.00	27.80 -0.30 0.00	25.97 -0.36 0.00	28.06 -0.22 0.00	29.92 -0.15 0.00	28.80 -0.33 0.00	26.78 -0.32 0.00	26.66 -0.43 0.00	32.81 -0.53 0.00	37.82 -0.67 0.00	42.37 -0.72 0.00	43.24 -0.73 0.00	44.54 -1.22 0.00	51.86 -1.58 0.00	52.41 -1.40 0.00	40.08 -0.75 0.00	39.00 -0.49 0.00	39.96 -0.43 0.00	35.29 -0.27 0.00	30.99 -0.49 0.00
ST_LAW_230_BK5_LBMP 345035	29.43 -0.56 0.00	27.50 -0.33 0.00	24.62 -0.24 0.00	25.54 -0.22 0.00	26.22 -0.21 0.00	27.81 -0.29 0.00	25.99 -0.33 0.00	28.08 -0.21 0.00	29.93 -0.14 0.00	28.83 -0.30 0.00	26.81 -0.30 0.00	26.70 -0.40 0.00	32.87 -0.47 0.00	37.87 -0.62 0.00	42.44 -0.64 0.00	43.30 -0.67 0.00	44.65 -1.11 0.00	52.02 -1.42 0.00	52.55 -1.26 0.00	40.14 -0.70 0.00	39.05 -0.44 0.00	40.00 -0.39 0.00	35.31 -0.26 0.00	31.02 -0.45 0.00
ST_LAW_230_BK6_LBMP 345036	29.43 -0.56 0.00	27.50 -0.33 0.00	24.62 -0.24 0.00	25.54 -0.22 0.00	26.22 -0.21 0.00	27.81 -0.29 0.00	25.99 -0.33 0.00	28.08 -0.21 0.00	29.93 -0.14 0.00	28.83 -0.30 0.00	26.81 -0.30 0.00	26.70 -0.40 0.00	32.87 -0.47 0.00	37.87 -0.62 0.00	42.44 -0.64 0.00	43.30 -0.67 0.00	44.65 -1.11 0.00	52.02 -1.42 0.00	52.55 -1.26 0.00	40.14 -0.70 0.00	39.05 -0.44 0.00	40.00 -0.39 0.00	35.31 -0.26 0.00	31.02 -0.45 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.23 1.24 0.00	28.76 0.93 0.00	25.57 0.71 0.00	26.42 0.66 0.00	27.13 0.70 0.00	28.93 0.83 0.00	27.26 0.93 0.00	29.39 1.10 0.00	31.32 1.25 0.00	30.58 1.45 0.00	22.32 1.40 6.19	0.64 1.45 27.90	35.08 1.74 0.00	40.43 1.94 0.00	45.14 2.06 0.00	46.20 2.22 0.00	48.54 2.78 0.00	56.70 3.26 0.00	56.76 2.96 0.00	42.76 1.92 0.00	40.98 1.49 0.00	41.77 1.39 0.00	36.81 1.25 0.00	32.78 1.31 0.00
SWANROAD_115KV_TB1 355699	28.91 -1.08 0.00	26.85 -0.98 0.00	23.87 -0.99 0.00	24.64 -1.12 0.00	25.41 -1.02 0.00	27.04 -1.06 0.00	25.21 -1.12 0.00	26.69 -1.60 0.00	28.46 -1.61 0.00	28.12 -1.01 0.00	26.47 -0.64 0.00	26.54 -0.55 0.00	32.97 -0.37 0.00	37.88 -0.61 0.00	42.58 -0.51 0.00	43.24 -0.73 0.00	45.47 -0.29 0.00	53.27 -0.18 0.00	53.84 0.04 0.00	40.39 -0.44 0.00	38.93 -0.56 0.00	39.88 -0.50 0.00	35.03 -0.54 0.00	30.48 -0.99 0.00
SYNERGY___BIOGAS 323694	30.30 0.31 0.00	28.06 0.23 0.00	24.91 0.05 0.00	25.73 -0.03 0.00	26.50 0.08 0.00	28.23 0.13 0.00	26.39 0.07 0.00	28.12 -0.17 0.00	29.92 -0.15 0.00	29.41 0.27 0.00	27.59 0.48 0.00	27.68 0.59 0.00	34.37 1.04 0.00	39.66 1.17 0.00	44.62 1.54 0.00	45.47 1.49 0.00	47.83 2.07 0.00	56.25 2.81 0.00	57.13 3.32 0.00	42.97 2.14 0.00	41.39 1.90 0.00	42.23 1.85 0.00	36.91 1.35 0.00	32.10 0.62 0.00
SYRACUSE___ENERGY_ST1 323597	30.10 0.11 0.00	27.86 0.03 0.00	24.83 -0.03 0.00	25.73 -0.03 0.00	26.40 -0.03 0.00	28.11 0.01 0.00	26.33 0.00 0.00	28.19 -0.10 0.00	29.92 -0.15 0.00	29.11 -0.02 0.00	27.15 0.04 0.00	27.22 0.13 0.00	33.61 0.27 0.00	38.86 0.37 0.00	43.58 0.49 0.00	44.51 0.54 0.00	46.60 0.84 0.00	54.58 1.13 0.00	55.01 1.20 0.00	41.55 0.72 0.00	40.07 0.58 0.00	40.89 0.51 0.00	35.88 0.31 0.00	31.69 0.21 0.00
SYRACUSE___ENERGY_ST2 323598	30.10 0.11 0.00	27.86 0.03 0.00	24.83 -0.03 0.00	25.73 -0.03 0.00	26.40 -0.03 0.00	28.11 0.01 0.00	26.33 0.00 0.00	28.19 -0.10 0.00	29.92 -0.15 0.00	29.11 -0.02 0.00	27.15 0.04 0.00	27.22 0.13 0.00	33.61 0.27 0.00	38.86 0.37 0.00	43.58 0.49 0.00	44.51 0.54 0.00	46.60 0.84 0.00	54.58 1.13 0.00	55.01 1.20 0.00	41.55 0.72 0.00	40.07 0.58 0.00	40.89 0.51 0.00	35.88 0.31 0.00	31.69 0.21 0.00
SYRACUSE___POWER 24017	29.97 -0.02 0.00	27.73 -0.10 0.00	24.74 -0.13 0.00	25.61 -0.15 0.00	26.28 -0.14 0.00	27.98 -0.12 0.00	26.21 -0.11 0.00	28.07 -0.22 0.00	29.81 -0.26 0.00	29.01 -0.12 0.00	27.06 -0.04 0.00	27.14 0.05 0.00	33.50 0.16 0.00	38.75 0.26 0.00	43.41 0.33 0.00	44.32 0.35 0.00	46.39 0.63 0.00	54.31 0.86 0.00	54.70 0.89 0.00	41.34 0.51 0.00	39.85 0.36 0.00	40.69 0.31 0.00	35.72 0.16 0.00	31.53 0.05 0.00
TALLMAN___138KV_BK151 55660	31.40 1.41 0.00	28.88 1.05 0.00	25.66 0.80 0.00	26.50 0.74 0.00	27.22 0.79 0.00	29.04 0.94 0.00	27.38 1.06 0.00	29.55 1.26 0.00	31.51 1.44 0.00	30.80 1.67 0.00	20.33 1.62 8.40	-9.08 1.69 37.86	35.35 2.01 0.00	40.69 2.21 0.00	45.37 2.29 0.00	46.44 2.47 0.00	48.88 3.12 0.00	57.05 3.61 0.00	57.07 3.26 0.00	42.91 2.08 0.00	41.08 1.59 0.00	41.86 1.48 0.00	36.91 1.35 0.00	32.91 1.44 0.00
TEALLAVE_115KV_TB7 355573	29.88 -0.11 0.00	27.64 -0.19 0.00	24.66 -0.20 0.00	25.53 -0.23 0.00	26.19 -0.23 0.00	27.89 -0.21 0.00	26.13 -0.20 0.00	27.98 -0.31 0.00	29.72 -0.35 0.00	28.93 -0.20 0.00	26.99 -0.12 0.00	27.06 -0.04 0.00	33.39 0.06 0.00	38.63 0.15 0.00	43.27 0.18 0.00	44.15 0.18 0.00	46.22 0.46 0.00	54.10 0.66 0.00	54.48 0.68 0.00	41.19 0.36 0.00	39.70 0.21 0.00	40.54 0.16 0.00	35.60 0.04 0.00	31.43 -0.05 0.00
TELGRAPH_34_KV_EAST 80808	29.65 -0.34 0.00	27.50 -0.33 0.00	24.43 -0.43 0.00	25.23 -0.54 0.00	26.00 -0.42 0.00	27.67 -0.43 0.00	25.83 -0.49 0.00	27.45 -0.84 0.00	29.27 -0.81 0.00	28.87 -0.26 0.00	27.14 0.04 0.00	27.25 0.16 0.00	33.86 0.52 0.00	38.99 0.50 0.00	43.84 0.76 0.00	44.57 0.60 0.00	46.89 1.13 0.00	55.00 1.56 0.00	55.65 1.85 0.00	41.77 0.94 0.00	40.20 0.71 0.00	41.12 0.73 0.00	36.01 0.45 0.00	31.33 -0.15 0.00
TEMPLE___115KV_TB 2 55572	29.89 -0.09 0.00	27.66 -0.17 0.00	24.66 -0.20 0.00	25.55 -0.21 0.00	26.21 -0.21 0.00	27.91 -0.19 0.00	26.14 -0.18 0.00	27.99 -0.30 0.00	29.74 -0.33 0.00	28.95 -0.18 0.00	27.01 -0.10 0.00	27.09 0.00 0.00	33.42 0.09 0.00	38.66 0.17 0.00	43.31 0.22 0.00	44.20 0.22 0.00	46.26 0.50 0.00	54.15 0.71 0.00	54.53 0.73 0.00	41.22 0.38 0.00	39.72 0.23 0.00	40.57 0.18 0.00	35.61 0.05 0.00	31.44 -0.03 0.00
TIANA____69_KV_BK 1 55817	32.18 2.19 0.00	29.59 1.76 0.00	26.26 1.40 0.00	26.96 1.20 0.00	27.66 1.24 0.00	29.54 1.44 0.00	27.97 1.65 0.00	30.23 1.94 0.00	32.15 2.08 0.00	31.57 2.44 0.00	35.96 2.50 -6.36	56.63 2.23 -27.31	36.01 2.67 0.00	41.47 2.98 0.00	46.17 3.09 0.00	47.12 3.15 0.00	49.92 4.16 0.00	58.12 4.67 0.00	58.07 4.27 0.00	43.69 2.86 0.00	42.18 2.69 0.00	42.97 2.58 0.00	38.37 2.50 -0.30	37.28 2.60 -3.20
TILDEN___115KV_TB1 80814	29.97 -0.02 0.00	27.73 -0.10 0.00	24.74 -0.13 0.00	25.61 -0.15 0.00	26.28 -0.14 0.00	27.98 -0.12 0.00	26.21 -0.11 0.00	28.07 -0.22 0.00	29.81 -0.26 0.00	29.01 -0.12 0.00	27.06 -0.04 0.00	27.14 0.05 0.00	33.50 0.16 0.00	38.75 0.26 0.00	43.41 0.33 0.00	44.32 0.35 0.00	46.39 0.63 0.00	54.31 0.86 0.00	54.70 0.89 0.00	41.34 0.51 0.00	39.85 0.36 0.00	40.69 0.31 0.00	35.72 0.16 0.00	31.53 0.05 0.00

V_F_30_SYNC_DSASP 323786	30.57 0.58 0.00	28.28 0.45 0.00	25.25 0.39 0.00	26.16 0.40 0.00	26.81 0.39 0.00	28.53 0.43 0.00	26.80 0.48 0.00	28.73 0.44 0.00	30.51 0.45 0.00	29.66 0.53 0.00	28.49 0.41 -0.97	31.93 0.44 -4.40	33.78 0.44 0.00	39.04 0.55 0.00	43.74 0.65 0.00	44.62 0.64 0.00	46.68 0.92 0.00	54.55 1.10 0.00	54.78 0.97 0.00	41.58 0.75 0.00	40.03 0.55 0.00	40.87 0.49 0.00	35.98 0.42 0.00	32.05 0.58 0.00
V_XM_10_SYNC_DSASP 323789	29.06 -0.93 0.00	27.22 -0.61 0.00	24.27 -0.60 0.00	25.15 -0.61 0.00	25.79 -0.63 0.00	19.07 -0.81 8.22	13.90 -0.82 11.61	28.03 -0.25 0.00	30.56 0.49 0.00	29.64 0.51 0.00	27.55 0.45 0.00	27.37 0.27 0.00	34.09 0.76 0.00	39.54 1.05 0.00	44.61 1.52 0.00	45.80 1.82 0.00	47.42 1.66 0.00	55.10 1.66 0.00	56.14 2.34 0.00	42.84 2.01 0.00	41.50 2.01 0.00	42.14 1.75 0.00	37.21 1.65 0.00	32.35 0.88 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.51 1.52 0.00	28.98 1.15 0.00	25.75 0.89 0.00	26.59 0.83 0.00	27.31 0.88 0.00	29.14 1.04 0.00	27.47 1.15 0.00	29.66 1.37 0.00	31.63 1.56 0.00	30.92 1.78 0.00	19.87 1.72 8.96	-11.52 1.79 40.41	35.47 2.14 0.00	40.85 2.36 0.00	45.56 2.47 0.00	46.63 2.66 0.00	49.08 3.31 0.00	57.28 3.83 0.00	57.29 3.49 0.00	43.09 2.25 0.00	41.25 1.76 0.00	42.03 1.65 0.00	37.05 1.49 0.00	33.03 1.55 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.71 1.72 0.00	29.15 1.33 0.00	25.90 1.04 0.00	26.73 0.97 0.00	27.47 1.05 0.00	29.31 1.21 0.00	27.67 1.34 0.00	29.87 1.58 0.00	31.89 1.82 0.00	31.23 2.10 0.00	35.16 2.05 -6.00	56.29 2.12 -27.07	35.89 2.56 0.00	41.29 2.81 0.00	45.97 2.89 0.00	47.07 3.10 0.00	49.57 3.81 0.00	57.75 4.30 0.00	57.71 3.91 0.00	43.42 2.58 0.00	41.61 2.12 0.00	42.38 2.00 0.00	37.44 1.88 0.00	33.37 1.89 0.00
W50THST__13_KV_LOAD 356117	31.90 1.91 0.00	29.32 1.49 0.00	26.04 1.18 0.00	26.86 1.09 0.00	27.60 1.18 0.00	29.46 1.36 0.00	27.83 1.51 0.00	30.06 1.77 0.00	32.10 2.03 0.00	31.46 2.33 0.00	35.40 2.29 -6.00	56.54 2.37 -27.07	36.21 2.88 0.00	41.66 3.17 0.00	46.35 3.27 0.00	47.43 3.46 0.00	49.95 4.19 0.00	58.19 4.75 0.00	58.12 4.32 0.00	43.69 2.86 0.00	41.88 2.39 0.00	42.65 2.27 0.00	37.64 2.08 0.00	33.53 2.05 0.00
WADING RIVER_IC_1 23522	31.70 1.71 0.00	29.15 1.32 0.00	25.88 1.02 0.00	26.58 0.82 0.00	27.27 0.85 0.00	29.10 1.01 0.00	27.57 1.25 0.00	29.78 1.49 0.00	31.62 1.55 0.00	30.99 1.86 0.00	35.40 1.93 -6.36	56.08 1.68 -27.31	35.31 1.98 0.00	40.63 2.14 0.00	45.21 2.13 0.00	46.15 2.18 0.00	48.90 3.13 0.00	56.96 3.51 0.00	56.94 3.13 0.00	42.99 2.16 0.00	41.35 1.86 0.00	42.12 1.74 0.00	37.64 1.78 -0.30	36.68 2.00 -3.20
WADING RIVER_IC_2 23547	31.70 1.71 0.00	29.15 1.32 0.00	25.88 1.02 0.00	26.58 0.82 0.00	27.27 0.85 0.00	29.10 1.01 0.00	27.57 1.25 0.00	29.78 1.49 0.00	31.62 1.55 0.00	30.99 1.86 0.00	35.40 1.93 -6.36	56.08 1.68 -27.31	35.31 1.98 0.00	40.63 2.14 0.00	45.21 2.13 0.00	46.15 2.18 0.00	48.90 3.13 0.00	56.96 3.51 0.00	56.94 3.13 0.00	42.99 2.16 0.00	41.35 1.86 0.00	42.12 1.74 0.00	37.64 1.78 -0.30	36.68 2.00 -3.20
WADING RIVER_IC_3 23601	31.70 1.71 0.00	29.15 1.32 0.00	25.88 1.02 0.00	26.58 0.82 0.00	27.27 0.85 0.00	29.10 1.01 0.00	27.57 1.25 0.00	29.78 1.49 0.00	31.62 1.55 0.00	30.99 1.86 0.00	35.40 1.93 -6.36	56.08 1.68 -27.31	35.31 1.98 0.00	40.63 2.14 0.00	45.21 2.13 0.00	46.15 2.18 0.00	48.90 3.13 0.00	56.96 3.51 0.00	56.94 3.13 0.00	42.99 2.16 0.00	41.35 1.86 0.00	42.12 1.74 0.00	37.64 1.78 -0.30	36.68 2.00 -3.20
WALDENNY_12_KV_BK2 80841	29.68 -0.31 0.00	27.53 -0.29 0.00	24.45 -0.41 0.00	25.24 -0.52 0.00	26.00 -0.42 0.00	27.65 -0.45 0.00	25.83 -0.50 0.00	27.48 -0.81 0.00	29.30 -0.77 0.00	28.98 -0.15 0.00	27.30 0.19 0.00	27.45 0.36 0.00	34.10 0.76 0.00	39.32 0.84 0.00	44.23 1.15 0.00	44.94 0.97 0.00	47.28 1.52 0.00	55.42 1.97 0.00	55.95 2.15 0.00	41.85 1.02 0.00	40.26 0.77 0.00	41.19 0.81 0.00	36.06 0.50 0.00	31.40 -0.07 0.00
WALDEN__HYDRO 24148	31.40 1.41 0.00	28.90 1.08 0.00	25.69 0.83 0.00	26.55 0.79 0.00	27.25 0.83 0.00	29.06 0.96 0.00	27.39 1.07 0.00	29.53 1.25 0.00	31.46 1.39 0.00	30.71 1.58 0.00	26.83 1.51 1.79	20.57 1.56 8.09	35.22 1.88 0.00	40.61 2.13 0.00	45.45 2.36 0.00	46.44 2.47 0.00	48.85 3.09 0.00	57.07 3.63 0.00	57.16 3.35 0.00	43.06 2.23 0.00	41.27 1.78 0.00	42.04 1.66 0.00	37.03 1.47 0.00	32.96 1.49 0.00
WARRENSBURG____ 23737	32.21 2.22 0.00	29.70 1.87 0.00	26.43 1.57 0.00	27.45 1.69 0.00	28.15 1.72 0.00	30.02 1.92 0.00	28.28 1.95 0.00	30.28 2.00 0.00	32.01 1.94 0.00	31.03 1.90 0.00	29.48 1.43 -0.94	32.84 1.53 -4.22	35.06 1.73 0.00	40.59 2.10 0.00	45.64 2.56 0.00	46.62 2.65 0.00	48.98 3.22 0.00	57.38 3.93 0.00	58.19 4.39 0.00	44.20 3.37 0.00	42.80 3.31 0.00	43.61 3.23 0.00	38.38 2.82 0.00	34.07 2.59 0.00
WATERSIDE____6 8 9 23538	31.78 1.79 0.00	29.24 1.41 0.00	25.96 1.10 0.00	26.76 1.00 0.00	27.51 1.09 0.00	29.36 1.26 0.00	27.72 1.40 0.00	29.89 1.60 0.00	31.89 1.82 0.00	31.23 2.10 0.00	35.19 2.08 -6.00	56.29 2.14 -27.06	35.01 2.59 0.91	41.17 2.79 0.11	45.91 2.83 0.00	47.00 3.03 0.00	49.44 3.68 0.00	57.64 4.20 0.00	57.60 3.80 0.00	43.35 2.52 0.00	41.56 2.08 0.00	42.33 1.95 0.00	36.80 1.85 0.62	33.43 1.96 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.21 0.22 0.00	27.93 0.10 0.00	24.90 0.04 0.00	25.79 0.03 0.00	26.45 0.03 0.00	28.18 0.08 0.00	26.44 0.11 0.00	28.32 0.03 0.00	29.97 -0.09 0.00	29.05 -0.08 0.00	26.92 -0.19 0.00	26.92 -0.17 0.00	33.08 -0.26 0.00	38.26 -0.23 0.00	42.84 -0.24 0.00	43.80 -0.18 0.00	45.76 0.00 0.00	53.71 0.26 0.00	54.18 0.37 0.00	41.16 0.33 0.00	39.70 0.21 0.00	40.52 0.14 0.00	35.67 0.11 0.00	31.71 0.24 0.00
WATSON__69_KV_BK 1 55734	32.42 2.43 0.00	29.82 1.99 0.00	26.45 1.59 0.00	27.18 1.42 0.00	27.89 1.47 0.00	29.78 1.68 0.00	28.17 1.85 0.00	30.42 2.14 0.00	32.33 2.26 0.00	31.67 2.54 0.00	36.03 2.56 -6.36	56.82 2.42 -27.31	36.23 2.89 0.00	41.64 3.15 0.00	46.40 3.32 0.00	47.31 3.33 0.00	49.99 4.23 0.00	58.31 4.86 0.00	58.30 4.49 0.00	44.16 3.33 0.00	42.29 2.80 0.00	43.09 2.71 0.00	38.50 2.63 -0.30	37.41 2.74 -3.20
WDELAWARE__HYD 323627	31.70 1.71 0.00	29.18 1.35 0.00	25.94 1.08 0.00	26.81 1.05 0.00	27.52 1.10 0.00	29.34 1.24 0.00	27.65 1.32 0.00	29.79 1.51 0.00	31.76 1.69 0.00	30.98 1.85 0.00	27.41 1.74 1.43	22.44 1.79 6.45	35.53 2.20 0.00	41.02 2.53 0.00	45.96 2.88 0.00	47.04 3.07 0.00	49.50 3.74 0.00	57.94 4.50 0.00	56.09 2.28 0.00	42.61 1.77 0.00	40.85 1.37 0.00	41.59 1.21 0.00	36.55 0.99 0.00	32.46 0.99 0.00

WEST BABYLON___IC 23714	32.39 2.40 0.00	29.79 1.96 0.00	26.43 1.57 0.00	27.15 1.39 0.00	27.87 1.45 0.00	29.76 1.66 0.00	28.14 1.82 0.00	30.39 2.11 0.00	32.33 2.26 0.00	31.66 2.53 0.00	36.01 2.55 -6.36	56.82 2.42 -27.31	36.18 2.84 0.00	41.55 3.06 0.00	46.31 3.23 0.00	47.23 3.26 0.00	49.84 4.08 0.00	58.15 4.70 0.00	58.14 4.34 0.00	44.00 3.17 0.00	42.15 2.66 0.00	43.00 2.62 0.00	38.45 2.58 -0.30	37.36 2.69 -3.20
WEST CANADA___HYD 24049	30.13 0.14 0.00	27.91 0.08 0.00	24.92 0.06 0.00	25.83 0.07 0.00	26.48 0.05 0.00	28.18 0.08 0.00	26.41 0.09 0.00	28.36 0.07 0.00	30.12 0.05 0.00	29.23 0.09 0.00	27.19 0.08 0.00	27.18 0.09 0.00	33.44 0.10 0.00	38.61 0.12 0.00	43.21 0.13 0.00	44.11 0.14 0.00	46.02 0.26 0.00	53.77 0.32 0.00	54.12 0.32 0.00	41.03 0.20 0.00	39.61 0.12 0.00	40.50 0.12 0.00	35.65 0.09 0.00	31.62 0.14 0.00
WESTERN_NY_WIND 24143	30.26 0.27 0.00	28.01 0.18 0.00	24.89 0.03 0.00	25.69 -0.07 0.00	26.48 0.05 0.00	28.19 0.09 0.00	26.35 0.03 0.00	28.07 -0.22 0.00	29.87 -0.20 0.00	29.37 0.24 0.00	27.55 0.44 0.00	27.64 0.55 0.00	34.33 1.00 0.00	39.60 1.11 0.00	44.57 1.49 0.00	45.40 1.42 0.00	47.76 2.00 0.00	56.17 2.72 0.00	57.03 3.23 0.00	42.91 2.08 0.00	41.32 1.83 0.00	42.18 1.80 0.00	36.85 1.29 0.00	32.04 0.57 0.00
WESTOVER___LESR 323668	30.21 0.22 0.00	27.93 0.10 0.00	24.91 0.05 0.00	25.79 0.03 0.00	26.47 0.04 0.00	28.16 0.07 0.00	26.44 0.12 0.00	28.35 0.06 0.00	30.16 0.09 0.00	29.43 0.29 0.00	27.44 0.34 0.00	27.54 0.45 0.00	33.96 0.62 0.00	39.27 0.78 0.00	43.99 0.91 0.00	44.83 0.86 0.00	46.99 1.23 0.00	55.04 1.60 0.00	55.41 1.60 0.00	41.74 0.90 0.00	40.24 0.75 0.00	41.13 0.74 0.00	36.10 0.54 0.00	31.88 0.40 0.00
WETHRSFD_WT_PWR 323626	29.45 -0.54 0.00	27.28 -0.55 0.00	24.24 -0.62 0.00	25.05 -0.71 0.00	25.80 -0.63 0.00	27.41 -0.69 0.00	25.67 -0.66 0.00	27.34 -0.95 0.00	29.13 -0.94 0.00	28.75 -0.38 0.00	27.02 -0.09 0.00	27.19 0.10 0.00	33.74 0.40 0.00	38.92 0.43 0.00	43.73 0.64 0.00	44.40 0.43 0.00	46.75 0.99 0.00	54.76 1.31 0.00	55.30 1.50 0.00	41.32 0.49 0.00	39.82 0.33 0.00	40.76 0.38 0.00	35.70 0.14 0.00	31.14 -0.33 0.00
WHAVSTOR_138KV_BK127 55557	31.38 1.39 0.00	28.87 1.04 0.00	25.65 0.79 0.00	26.49 0.73 0.00	27.21 0.78 0.00	29.02 0.93 0.00	27.37 1.04 0.00	29.53 1.24 0.00	31.48 1.41 0.00	30.77 1.64 0.00	19.62 1.58 9.07	-12.17 1.64 40.91	35.27 1.93 0.00	40.56 2.07 0.00	45.22 2.14 0.00	46.30 2.32 0.00	48.71 2.95 0.00	56.87 3.42 0.00	56.88 3.07 0.00	42.79 1.96 0.00	40.98 1.49 0.00	41.77 1.38 0.00	36.84 1.28 0.00	32.85 1.37 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.38 1.39 0.00	28.87 1.04 0.00	25.65 0.79 0.00	26.49 0.73 0.00	27.21 0.78 0.00	29.02 0.93 0.00	27.37 1.04 0.00	29.53 1.24 0.00	31.48 1.41 0.00	30.77 1.64 0.00	19.62 1.58 9.07	-12.17 1.64 40.91	35.27 1.93 0.00	40.56 2.07 0.00	45.22 2.14 0.00	46.30 2.32 0.00	48.71 2.95 0.00	56.87 3.42 0.00	56.88 3.07 0.00	42.79 1.96 0.00	40.98 1.49 0.00	41.77 1.38 0.00	36.84 1.28 0.00	32.85 1.37 0.00
WHITEHAL_115KV_TB1 80871	33.21 3.22 0.00	30.48 2.66 0.00	27.08 2.22 0.00	28.24 2.48 0.00	28.92 2.50 0.00	30.89 2.79 0.00	29.19 2.86 0.00	31.12 2.83 0.00	32.57 2.50 0.00	31.42 2.28 0.00	29.86 1.81 -0.94	33.30 1.96 -4.25	35.41 2.07 0.00	41.31 2.82 0.00	46.48 3.40 0.00	47.31 3.33 0.00	50.00 4.24 0.00	58.65 5.20 0.00	59.61 5.80 0.00	45.31 4.48 0.00	43.90 4.41 0.00	44.84 4.46 0.00	39.75 4.18 0.00	35.31 3.84 0.00
WHITEPLN_13_KV_LOAD 356215	31.88 1.89 0.00	29.32 1.49 0.00	26.04 1.18 0.00	26.88 1.12 0.00	27.60 1.18 0.00	29.45 1.35 0.00	27.80 1.47 0.00	30.02 1.73 0.00	32.04 1.98 0.00	31.35 2.22 0.00	35.67 2.16 -6.40	58.19 2.22 -28.88	36.01 2.68 0.00	41.51 3.02 0.00	46.31 3.22 0.00	47.42 3.45 0.00	49.91 4.15 0.00	58.25 4.81 0.00	58.21 4.41 0.00	43.80 2.96 0.00	41.95 2.46 0.00	42.72 2.34 0.00	37.64 2.08 0.00	33.53 2.06 0.00
WM_FLOYD_69_KV_BK2 356380	31.96 1.97 0.00	29.40 1.57 0.00	26.10 1.24 0.00	26.81 1.05 0.00	27.50 1.08 0.00	29.37 1.26 0.00	27.81 1.49 0.00	30.04 1.76 0.00	31.89 1.82 0.00	31.24 2.11 0.00	35.63 2.16 -6.36	56.32 1.92 -27.31	35.58 2.25 0.00	40.92 2.44 0.00	45.55 2.47 0.00	46.50 2.53 0.00	49.26 3.50 0.00	57.43 3.99 0.00	57.44 3.63 0.00	43.37 2.54 0.00	41.67 2.18 0.00	42.45 2.07 0.00	37.94 2.07 -0.30	36.95 2.27 -3.20
WOODARD___115KV_TB2 355635	29.83 -0.16 0.00	27.60 -0.23 0.00	24.63 -0.23 0.00	25.50 -0.26 0.00	26.16 -0.26 0.00	27.85 -0.25 0.00	26.09 -0.24 0.00	27.94 -0.35 0.00	29.69 -0.39 0.00	28.87 -0.26 0.00	26.93 -0.18 0.00	26.99 -0.10 0.00	33.31 -0.03 0.00	38.53 0.04 0.00	43.16 0.08 0.00	44.06 0.08 0.00	46.09 0.33 0.00	53.96 0.52 0.00	54.34 0.54 0.00	41.10 0.27 0.00	39.62 0.13 0.00	40.45 0.07 0.00	35.52 -0.04 0.00	31.37 -0.10 0.00
YORK___WARBASSE 23770	31.90 1.91 0.00	29.34 1.51 0.00	26.07 1.21 0.00	26.89 1.13 0.00	27.65 1.22 0.00	29.50 1.40 0.00	27.85 1.52 0.00	30.02 1.73 0.00	32.05 1.98 0.00	31.39 2.25 0.00	35.32 2.21 -6.00	56.42 2.27 -27.06	41.37 2.73 -5.30	42.06 2.95 -0.63	46.11 3.02 0.00	47.22 3.25 0.00	49.66 3.90 0.00	57.88 4.43 0.00	57.89 4.08 0.00	43.59 2.76 0.00	41.82 2.33 0.00	42.54 2.16 0.00	41.22 2.05 -3.60	33.59 2.11 0.00