

ALBANY__2 23572	29.62 0.44 0.00	30.05 0.43 0.00	28.55 0.44 0.00	28.63 0.44 0.00	28.64 0.43 0.00	28.95 0.40 0.00	31.40 0.38 0.00	29.29 0.34 0.00	28.51 0.31 0.00	28.38 0.31 0.00	28.24 0.25 0.00	28.24 0.29 0.00	31.39 0.25 -3.35	38.92 0.26 -5.68	40.65 0.27 -10.40	27.87 0.49 0.00	31.41 0.55 0.00	39.22 0.54 0.00	41.32 0.66 0.00	42.59 0.52 0.00	46.82 0.55 0.00	43.13 0.56 0.00	38.64 0.56 0.00	35.29 0.52 0.00
ALBANY__3 23573	29.62 0.44 0.00	30.05 0.43 0.00	28.55 0.44 0.00	28.63 0.44 0.00	28.64 0.43 0.00	28.95 0.40 0.00	31.40 0.38 0.00	29.29 0.34 0.00	28.51 0.31 0.00	28.38 0.31 0.00	28.24 0.25 0.00	28.24 0.29 0.00	31.39 0.25 -3.35	38.92 0.26 -5.68	40.65 0.27 -10.40	27.87 0.49 0.00	31.41 0.55 0.00	39.22 0.54 0.00	41.32 0.66 0.00	42.59 0.52 0.00	46.82 0.55 0.00	43.13 0.56 0.00	38.64 0.56 0.00	35.29 0.52 0.00
ALBANY__4 23574	29.62 0.44 0.00	30.05 0.43 0.00	28.55 0.44 0.00	28.63 0.44 0.00	28.64 0.43 0.00	28.95 0.40 0.00	31.40 0.38 0.00	29.29 0.34 0.00	28.51 0.31 0.00	28.38 0.31 0.00	28.24 0.25 0.00	28.24 0.29 0.00	31.39 0.25 -3.35	38.92 0.26 -5.68	40.65 0.27 -10.40	27.87 0.49 0.00	31.41 0.55 0.00	39.22 0.54 0.00	41.32 0.66 0.00	42.59 0.52 0.00	46.82 0.55 0.00	43.13 0.56 0.00	38.64 0.56 0.00	35.29 0.52 0.00
ALBANY__LFGE 323615	29.89 0.70 0.00	30.32 0.70 0.00	28.80 0.69 0.00	28.88 0.70 0.00	28.89 0.68 0.00	29.22 0.67 0.00	31.70 0.67 0.00	29.55 0.60 0.00	28.76 0.56 0.00	28.65 0.57 0.00	28.49 0.50 0.00	28.48 0.52 0.00	31.68 0.51 -3.37	39.28 0.56 -5.72	41.04 0.57 -10.48	28.15 0.77 0.00	31.73 0.86 0.00	39.63 0.95 0.00	41.76 1.10 0.00	43.05 0.97 0.00	47.33 1.06 0.00	43.58 1.01 0.00	39.04 0.95 0.00	35.64 0.88 0.00
ALCOA_PA_115KV_PL-6C 55860	29.19 0.01 0.00	29.66 0.04 0.00	28.15 0.05 0.00	28.23 0.04 0.00	28.29 0.08 0.00	28.67 0.12 0.00	31.23 0.21 0.00	29.11 0.16 0.00	28.30 0.10 0.00	28.06 -0.02 0.00	27.94 -0.05 0.00	27.87 -0.08 0.00	27.64 -0.16 0.00	32.68 -0.31 0.00	29.71 -0.28 0.00	27.14 -0.25 0.00	30.67 -0.19 0.00	38.65 -0.04 0.00	40.67 0.00 0.00	42.21 0.13 0.00	46.48 0.21 0.00	42.75 0.18 0.00	38.21 0.13 0.00	34.88 0.11 0.00
ALCOA_RYNLDS__DRP 24188	29.19 0.01 0.00	29.66 0.04 0.00	28.15 0.05 0.00	28.23 0.04 0.00	28.29 0.08 0.00	28.67 0.12 0.00	31.23 0.21 0.00	29.11 0.16 0.00	28.30 0.10 0.00	28.06 -0.02 0.00	27.94 -0.05 0.00	27.87 -0.08 0.00	27.64 -0.16 0.00	32.68 -0.31 0.00	29.70 -0.29 0.00	27.14 -0.25 0.00	30.67 -0.19 0.00	38.65 -0.04 0.00	40.67 0.00 0.00	42.21 0.13 0.00	46.48 0.21 0.00	42.75 0.18 0.00	38.21 0.13 0.00	34.87 0.11 0.00
ALCOA__DSASP 323711	29.19 0.01 0.00	29.66 0.04 0.00	28.15 0.05 0.00	28.23 0.04 0.00	28.29 0.08 0.00	28.67 0.12 0.00	31.23 0.21 0.00	29.11 0.16 0.00	28.30 0.10 0.00	28.06 -0.02 0.00	27.94 -0.05 0.00	27.87 -0.08 0.00	27.64 -0.16 0.00	32.68 -0.31 0.00	29.70 -0.29 0.00	27.14 -0.25 0.00	30.67 -0.19 0.00	38.65 -0.04 0.00	40.67 0.00 0.00	42.21 0.13 0.00	46.48 0.21 0.00	42.75 0.18 0.00	38.21 0.13 0.00	34.87 0.11 0.00
ALLEGHENY__COGEN 23514	27.67 -0.36 1.16	29.17 -0.45 0.00	27.55 -0.55 0.00	27.40 -0.79 0.00	27.35 -0.86 0.00	28.01 -0.54 0.00	30.54 -0.48 0.00	28.48 -0.33 0.13	28.36 0.16 0.00	28.29 0.22 0.00	28.20 0.22 0.00	27.90 -0.06 0.00	5.62 0.40 22.58	-4.18 1.15 38.31	-38.79 1.18 69.96	27.38 0.00 0.00	30.81 -0.06 0.00	38.34 -0.34 0.00	39.98 -0.69 0.00	41.94 -0.14 0.00	46.12 -0.14 0.00	36.75 -0.28 5.54	37.71 -0.38 0.00	34.57 -0.19 0.00
ALTMONT_115KV_TB 2 55880	29.89 0.70 0.00	30.32 0.70 0.00	28.79 0.69 0.00	28.88 0.70 0.00	28.89 0.68 0.00	29.21 0.66 0.00	31.70 0.68 0.00	29.56 0.62 0.00	28.76 0.56 0.00	28.65 0.58 0.00	28.52 0.53 0.00	28.51 0.56 0.00	31.65 0.55 -3.30	39.26 0.67 -5.60	40.86 0.62 -10.26	28.10 0.71 0.00	31.66 0.80 0.00	39.64 0.96 0.00	41.73 1.06 0.00	43.06 0.98 0.00	47.35 1.08 0.00	43.62 1.04 0.00	39.04 0.96 0.00	35.63 0.87 0.00
ALTONA_WT_PWR 323606	29.14 -0.04 0.00	29.56 -0.05 0.00	28.00 -0.10 0.00	28.24 0.05 0.00	28.49 0.28 0.00	28.76 0.21 0.00	31.31 0.29 0.00	29.18 0.23 0.00	28.44 0.23 0.00	28.10 0.03 0.00	27.91 -0.08 0.00	27.87 -0.08 0.00	27.70 -0.10 0.00	32.79 0.00 0.00	29.77 -0.22 0.00	27.22 -0.16 0.00	30.88 0.01 0.00	38.93 0.25 0.00	41.08 0.41 0.00	42.59 0.51 0.00	46.91 0.64 0.00	43.18 0.60 0.00	38.55 0.46 0.00	35.13 0.36 0.00
AMERICAN_REF_FUEL 24010	25.46 -2.77 0.95	26.84 -2.78 0.00	25.23 -2.88 0.00	25.01 -3.17 0.00	25.06 -3.15 0.00	25.68 -2.87 0.00	28.16 -2.86 0.00	26.39 -2.45 0.11	26.35 -1.85 0.00	26.56 -1.51 0.00	26.59 -1.40 0.00	26.47 -1.48 0.00	8.20 0.70 18.90	0.97 0.04 32.06	-28.56 0.00 58.55	25.61 -1.78 0.00	28.16 -2.70 0.00	34.54 -4.14 0.00	35.72 -4.95 0.00	37.33 -4.74 0.00	41.00 -5.26 0.00	33.49 -4.58 4.50	33.85 -4.24 0.00	31.41 -3.36 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	26.06 -1.99 1.14	27.93 -1.69 0.00	26.17 -1.93 0.00	26.01 -2.17 0.00	25.91 -2.30 0.00	26.24 -2.31 0.00	28.48 -2.54 0.00	26.78 -2.04 0.13	26.54 -1.66 0.00	26.66 -1.41 0.00	27.08 -0.91 0.00	27.12 -0.83 0.00	5.46 -0.11 22.22	-4.17 0.53 37.70	-38.50 0.36 68.84	26.18 -1.20 0.00	29.38 -1.49 0.00	36.44 -2.24 0.00	37.87 -2.80 0.00	39.43 -2.64 0.00	43.24 -3.03 0.00	34.26 -2.87 5.45	35.50 -2.59 0.00	32.76 -2.00 0.00
ARTHUR KILL_GT_1 23520	31.02 1.83 0.00	31.47 1.85 0.00	29.87 1.76 0.00	29.90 1.71 0.00	29.87 1.66 0.00	30.22 1.67 0.00	32.79 1.77 0.00	30.79 1.85 0.00	30.01 1.81 0.00	29.99 1.92 0.00	30.05 2.06 0.00	30.09 2.14 0.00	34.66 2.11 -4.76	43.68 2.61 -8.08	47.07 2.34 -14.74	29.57 2.18 0.00	33.02 2.15 0.00	41.28 2.60 0.00	43.32 2.65 0.00	44.74 2.67 0.00	48.98 2.71 -0.01	45.12 2.55 0.00	40.40 2.31 0.00	36.73 1.97 0.00
ARTHUR_KILL_2 23512	30.95 1.76 0.00	31.39 1.77 0.00	29.79 1.68 0.00	29.82 1.64 0.00	29.80 1.59 0.00	30.15 1.60 0.00	32.70 1.68 0.00	30.73 1.78 0.00	29.94 1.74 0.00	29.92 1.85 0.00	29.97 1.98 0.00	30.01 2.05 0.00	34.60 2.04 -4.76	43.60 2.53 -8.08	47.01 2.28 -14.74	29.48 2.10 0.00	32.93 2.06 0.00	41.17 2.49 0.00	43.21 2.54 0.00	44.63 2.55 0.00	48.84 2.57 -0.01	45.00 2.43 0.00	40.29 2.20 0.00	36.64 1.88 0.00
ARTHUR_KILL_3 23513	30.65 1.47 0.00	31.05 1.43 0.00	29.47 1.37 0.00	29.51 1.33 0.00	29.49 1.28 0.00	29.83 1.28 0.00	32.35 1.33 0.00	30.39 1.45 0.00	29.64 1.44 0.00	29.62 1.55 0.00	29.67 1.68 0.00	29.70 1.75 0.00	34.30 1.74 -4.76	43.22 2.16 -8.07	46.66 1.94 -14.74	29.32 1.94 0.00	32.81 1.95 0.00	41.02 2.34 0.00	43.02 2.35 0.00	44.39 2.32 0.00	48.59 2.32 0.00	44.78 2.20 0.00	40.12 2.04 0.00	36.53 1.77 0.00

ARTHUR_KILL_COGEN 323718	31.02 1.84 0.00	31.47 1.85 0.00	29.86 1.76 0.00	29.89 1.71 0.00	29.87 1.66 0.00	30.22 1.67 0.00	32.79 1.76 0.00	30.80 1.85 0.00	30.01 1.81 0.00	29.99 1.92 0.00	30.04 2.06 0.00	30.09 2.13 0.00	34.67 2.12 -4.76	43.69 2.63 -8.08	47.10 2.37 -14.74	29.57 2.18 0.00	33.01 2.15 0.00	41.28 2.60 0.00	43.33 2.66 0.00	44.74 2.67 0.00	48.98 2.71 -0.01	45.12 2.55 0.00	40.40 2.31 0.00	36.73 1.97 0.00
ASHOKAN____ 23654	30.51 1.32 0.00	30.91 1.29 0.00	29.36 1.25 0.00	29.44 1.26 0.00	29.43 1.22 0.00	29.76 1.20 0.00	32.33 1.31 0.00	30.25 1.31 0.00	29.44 1.24 0.00	29.33 1.26 0.00	29.26 1.27 0.00	29.30 1.34 0.00	33.40 1.37 -4.24	41.80 1.62 -7.19	44.62 1.49 -13.15	28.89 1.50 0.00	32.54 1.67 0.00	40.79 2.11 0.00	42.91 2.24 0.00	44.29 2.22 0.00	48.63 2.37 0.00	44.74 2.17 0.00	40.02 1.93 0.00	36.37 1.60 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.58 1.39 0.00	30.96 1.34 0.00	29.37 1.28 0.01	29.44 1.26 0.00	29.41 1.20 0.00	29.76 1.21 0.00	32.27 1.25 0.00	30.33 1.38 0.00	29.60 1.40 0.00	29.60 1.53 0.00	29.65 1.66 0.00	29.69 1.73 0.00	34.27 1.71 -4.76	43.17 2.11 -8.07	46.63 1.90 -14.74	29.29 1.91 0.00	32.74 1.88 0.00	40.94 2.26 0.00	42.83 2.17 0.01	44.20 2.12 0.00	48.38 2.12 0.00	44.65 2.08 0.00	39.99 1.90 0.00	36.39 1.63 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.58 1.39 0.00	30.96 1.34 0.00	29.37 1.28 0.01	29.44 1.26 0.00	29.41 1.20 0.00	29.76 1.21 0.00	32.27 1.25 0.00	30.33 1.38 0.00	29.60 1.40 0.00	29.60 1.53 0.00	29.65 1.66 0.00	29.69 1.73 0.00	34.27 1.71 -4.76	43.17 2.11 -8.07	46.63 1.90 -14.74	29.29 1.91 0.00	32.74 1.88 0.00	40.94 2.26 0.00	42.83 2.17 0.01	44.20 2.12 0.00	48.38 2.12 0.00	44.65 2.08 0.00	39.99 1.90 0.00	36.39 1.63 0.00
ASTORIA_GT2_1 24094	30.59 1.40 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.46 1.27 0.00	29.43 1.22 0.00	29.78 1.23 0.00	32.29 1.26 0.00	30.35 1.41 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.26 1.71 -4.76	43.16 2.09 -8.07	46.61 1.89 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.19 0.01	44.23 2.15 0.00	48.41 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00
ASTORIA_GT2_2 24095	30.59 1.40 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.46 1.27 0.00	29.43 1.22 0.00	29.78 1.23 0.00	32.29 1.26 0.00	30.35 1.41 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.26 1.71 -4.76	43.16 2.09 -8.07	46.61 1.89 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.19 0.01	44.23 2.15 0.00	48.41 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00
ASTORIA_GT2_3 24096	30.59 1.40 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.46 1.27 0.00	29.43 1.22 0.00	29.78 1.23 0.00	32.29 1.26 0.00	30.35 1.41 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.26 1.71 -4.76	43.16 2.09 -8.07	46.61 1.89 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.19 0.01	44.23 2.15 0.00	48.41 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00
ASTORIA_GT2_4 24097	30.59 1.40 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.46 1.27 0.00	29.43 1.22 0.00	29.78 1.23 0.00	32.29 1.26 0.00	30.35 1.41 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.26 1.71 -4.76	43.16 2.09 -8.07	46.61 1.89 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.19 0.01	44.23 2.15 0.00	48.41 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00
ASTORIA_GT3_1 24098	30.59 1.40 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.46 1.27 0.00	29.43 1.22 0.00	29.78 1.23 0.00	32.29 1.26 0.00	30.35 1.41 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.26 1.71 -4.76	43.16 2.09 -8.07	46.61 1.89 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.19 0.01	44.23 2.15 0.00	48.41 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00
ASTORIA_GT3_2 24099	30.59 1.40 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.46 1.27 0.00	29.43 1.22 0.00	29.78 1.23 0.00	32.29 1.26 0.00	30.35 1.41 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.26 1.71 -4.76	43.16 2.09 -8.07	46.61 1.89 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.19 0.01	44.23 2.15 0.00	48.41 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00
ASTORIA_GT3_3 24100	30.59 1.40 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.46 1.27 0.00	29.43 1.22 0.00	29.78 1.23 0.00	32.29 1.26 0.00	30.35 1.41 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.26 1.71 -4.76	43.16 2.09 -8.07	46.61 1.89 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.19 0.01	44.23 2.15 0.00	48.41 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00
ASTORIA_GT3_4 24101	30.59 1.40 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.46 1.27 0.00	29.43 1.22 0.00	29.78 1.23 0.00	32.29 1.26 0.00	30.35 1.41 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.26 1.71 -4.76	43.16 2.09 -8.07	46.61 1.89 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.19 0.01	44.23 2.15 0.00	48.41 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00
ASTORIA_GT4_1 24102	30.59 1.40 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.46 1.27 0.00	29.43 1.22 0.00	29.78 1.23 0.00	32.29 1.26 0.00	30.35 1.41 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.26 1.71 -4.76	43.16 2.09 -8.07	46.61 1.89 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.19 0.01	44.23 2.15 0.00	48.41 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00
ASTORIA_GT4_2 24103	30.59 1.40 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.46 1.27 0.00	29.43 1.22 0.00	29.78 1.23 0.00	32.29 1.26 0.00	30.35 1.41 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.26 1.71 -4.76	43.16 2.09 -8.07	46.61 1.89 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.19 0.01	44.23 2.15 0.00	48.41 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00
ASTORIA_GT4_3 24104	30.59 1.40 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.46 1.27 0.00	29.43 1.22 0.00	29.78 1.23 0.00	32.29 1.26 0.00	30.35 1.41 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.26 1.71 -4.76	43.16 2.09 -8.07	46.61 1.89 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.19 0.01	44.23 2.15 0.00	48.41 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00

ASTORIA_GT4_4 24105	30.59 1.40 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.46 1.27 0.00	29.43 1.22 0.00	29.78 1.23 0.00	32.29 1.26 0.00	30.35 1.41 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.26 1.71 -4.76	43.16 2.09 -8.07	46.61 1.89 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.19 0.01	44.23 2.15 0.00	48.41 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00
ASTORIA_GT_1 23523	30.64 1.46 0.00	31.02 1.40 0.00	29.44 1.34 0.01	29.49 1.31 0.00	29.47 1.26 0.00	29.82 1.27 0.00	32.33 1.31 0.00	30.39 1.44 0.00	29.67 1.47 0.00	29.66 1.59 0.00	29.72 1.73 0.00	29.76 1.81 0.00	34.32 1.76 -4.76	43.23 2.17 -8.07	46.68 1.96 -14.74	29.37 1.98 0.00	32.82 1.96 0.00	41.04 2.36 0.00	42.93 2.27 0.01	44.31 2.23 0.00	48.50 2.24 0.00	44.75 2.18 0.00	40.08 2.00 0.00	36.46 1.70 0.00
ASTORIA_GT_10 24110	30.70 1.51 0.00	31.10 1.48 0.00	29.52 1.42 0.00	29.56 1.38 0.00	29.53 1.32 0.00	29.88 1.33 0.00	32.38 1.36 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.72 1.66 0.00	29.77 1.78 0.00	29.81 1.86 0.00	34.36 1.80 -4.76	43.23 2.17 -8.07	46.66 1.94 -14.74	29.37 1.98 0.00	32.84 1.98 0.00	41.03 2.35 0.00	42.97 2.31 0.00	44.35 2.27 0.00	48.49 2.23 0.00	44.71 2.14 0.00	40.11 2.02 0.00	36.52 1.76 0.00
ASTORIA_GT_11 24225	30.70 1.51 0.00	31.10 1.48 0.00	29.52 1.42 0.00	29.56 1.38 0.00	29.53 1.32 0.00	29.88 1.33 0.00	32.38 1.36 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.72 1.66 0.00	29.77 1.78 0.00	29.81 1.86 0.00	34.36 1.80 -4.76	43.23 2.17 -8.07	46.66 1.94 -14.74	29.37 1.98 0.00	32.84 1.98 0.00	41.03 2.35 0.00	42.97 2.31 0.00	44.35 2.27 0.00	48.49 2.23 0.00	44.71 2.14 0.00	40.11 2.02 0.00	36.52 1.76 0.00
ASTORIA_GT_12 24226	30.70 1.51 0.00	31.10 1.48 0.00	29.52 1.42 0.00	29.56 1.38 0.00	29.53 1.32 0.00	29.88 1.33 0.00	32.38 1.36 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.72 1.66 0.00	29.77 1.78 0.00	29.81 1.86 0.00	34.36 1.80 -4.76	43.23 2.17 -8.07	46.66 1.94 -14.74	29.37 1.98 0.00	32.84 1.98 0.00	41.03 2.35 0.00	42.97 2.31 0.00	44.35 2.27 0.00	48.49 2.23 0.00	44.71 2.14 0.00	40.11 2.02 0.00	36.52 1.76 0.00
ASTORIA_GT_13 24227	30.70 1.51 0.00	31.10 1.48 0.00	29.52 1.42 0.00	29.56 1.38 0.00	29.53 1.32 0.00	29.88 1.33 0.00	32.38 1.36 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.72 1.66 0.00	29.77 1.78 0.00	29.81 1.86 0.00	34.36 1.80 -4.76	43.23 2.17 -8.07	46.66 1.94 -14.74	29.37 1.98 0.00	32.84 1.98 0.00	41.03 2.35 0.00	42.97 2.31 0.00	44.35 2.27 0.00	48.49 2.23 0.00	44.71 2.14 0.00	40.11 2.02 0.00	36.52 1.76 0.00
ASTORIA_GT_5 24106	30.64 1.46 0.00	31.02 1.40 0.00	29.44 1.34 0.01	29.49 1.31 0.00	29.47 1.26 0.00	29.82 1.27 0.00	32.33 1.31 0.00	30.39 1.44 0.00	29.67 1.47 0.00	29.66 1.59 0.00	29.72 1.73 0.00	29.76 1.81 0.00	34.32 1.76 -4.76	43.23 2.17 -8.07	46.68 1.96 -14.74	29.37 1.98 0.00	32.82 1.96 0.00	41.04 2.36 0.00	42.93 2.27 0.01	44.31 2.23 0.00	48.50 2.24 0.00	44.75 2.18 0.00	40.08 2.00 0.00	36.46 1.70 0.00
ASTORIA_GT_7 24107	30.64 1.46 0.00	31.02 1.40 0.00	29.44 1.34 0.01	29.49 1.31 0.00	29.47 1.26 0.00	29.82 1.27 0.00	32.33 1.31 0.00	30.39 1.44 0.00	29.67 1.47 0.00	29.66 1.59 0.00	29.72 1.73 0.00	29.76 1.81 0.00	34.32 1.76 -4.76	43.23 2.17 -8.07	46.68 1.96 -14.74	29.37 1.98 0.00	32.82 1.96 0.00	41.04 2.36 0.00	42.93 2.27 0.01	44.31 2.23 0.00	48.50 2.24 0.00	44.75 2.18 0.00	40.08 2.00 0.00	36.46 1.70 0.00
ASTORIA_GT_8 24108	30.64 1.46 0.00	31.02 1.40 0.00	29.44 1.34 0.01	29.49 1.31 0.00	29.47 1.26 0.00	29.82 1.27 0.00	32.33 1.31 0.00	30.39 1.44 0.00	29.67 1.47 0.00	29.66 1.59 0.00	29.72 1.73 0.00	29.76 1.81 0.00	34.32 1.76 -4.76	43.23 2.17 -8.07	46.68 1.96 -14.74	29.37 1.98 0.00	32.82 1.96 0.00	41.04 2.36 0.00	42.93 2.27 0.01	44.31 2.23 0.00	48.50 2.24 0.00	44.75 2.18 0.00	40.08 2.00 0.00	36.46 1.70 0.00
ASTORIA___2 24149	30.59 1.41 0.00	30.98 1.36 0.00	29.39 1.29 0.01	29.45 1.27 0.00	29.43 1.22 0.00	29.77 1.22 0.00	32.29 1.26 0.00	30.35 1.40 0.00	29.62 1.42 0.00	29.62 1.55 0.00	29.67 1.68 0.00	29.71 1.75 0.00	34.28 1.72 -4.76	43.18 2.12 -8.07	46.65 1.92 -14.74	29.31 1.92 0.00	32.76 1.90 0.00	40.96 2.28 0.00	42.86 2.20 0.01	44.23 2.16 0.00	48.42 2.15 0.00	44.67 2.10 0.00	40.00 1.92 0.00	36.40 1.64 0.00
ASTORIA___3 23516	30.70 1.52 0.00	31.10 1.48 0.00	29.52 1.42 0.00	29.56 1.38 0.00	29.53 1.33 0.00	29.87 1.32 0.00	32.38 1.36 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.73 1.66 0.00	29.76 1.78 0.00	29.81 1.86 0.00	34.37 1.81 -4.76	43.26 2.20 -8.07	46.69 1.97 -14.74	29.37 1.98 0.00	32.83 1.97 0.00	41.04 2.35 0.00	42.97 2.31 0.00	44.34 2.27 0.00	48.50 2.23 0.00	44.71 2.14 0.00	40.10 2.02 0.00	36.52 1.76 0.00
ASTORIA___4 23517	30.70 1.51 0.00	31.10 1.48 0.00	29.52 1.42 0.00	29.56 1.38 0.00	29.53 1.32 0.00	29.88 1.33 0.00	32.38 1.36 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.72 1.66 0.00	29.77 1.78 0.00	29.81 1.86 0.00	34.36 1.80 -4.76	43.23 2.17 -8.07	46.66 1.94 -14.74	29.37 1.98 0.00	32.84 1.98 0.00	41.03 2.35 0.00	42.97 2.31 0.00	44.35 2.27 0.00	48.49 2.23 0.00	44.71 2.14 0.00	40.11 2.02 0.00	36.52 1.76 0.00
ASTORIA___5 23518	30.70 1.52 0.00	31.10 1.48 0.00	29.52 1.42 0.00	29.56 1.38 0.00	29.53 1.33 0.00	29.87 1.32 0.00	32.38 1.36 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.73 1.66 0.00	29.76 1.78 0.00	29.81 1.86 0.00	34.37 1.81 -4.76	43.26 2.20 -8.07	46.69 1.97 -14.74	29.37 1.98 0.00	32.83 1.97 0.00	41.04 2.35 0.00	42.97 2.30 0.00	44.34 2.27 0.00	48.50 2.23 0.00	44.71 2.14 0.00	40.10 2.02 0.00	36.52 1.76 0.00
AST_ENERGY_2_CC3 323677	30.68 1.50 0.00	31.07 1.46 0.00	29.49 1.39 0.00	29.53 1.35 0.00	29.51 1.30 0.00	29.86 1.31 0.00	32.36 1.34 0.00	30.41 1.46 0.00	29.66 1.47 0.00	29.65 1.58 0.00	29.70 1.71 0.00	29.74 1.79 0.00	34.32 1.77 -4.76	43.22 2.15 -8.07	46.66 1.94 -14.74	29.32 1.93 0.00	32.81 1.94 0.00	41.02 2.34 0.00	43.02 2.35 0.00	44.39 2.32 0.00	48.60 2.33 0.00	44.78 2.21 0.00	40.13 2.05 0.00	36.53 1.77 0.00
AST_ENERGY_2_CC4 323678	30.68 1.50 0.00	31.07 1.46 0.00	29.49 1.39 0.00	29.53 1.35 0.00	29.51 1.30 0.00	29.86 1.31 0.00	32.36 1.34 0.00	30.41 1.46 0.00	29.66 1.47 0.00	29.65 1.58 0.00	29.70 1.71 0.00	29.74 1.79 0.00	34.32 1.77 -4.76	43.22 2.15 -8.07	46.66 1.94 -14.74	29.32 1.93 0.00	32.81 1.94 0.00	41.02 2.34 0.00	43.02 2.35 0.00	44.39 2.32 0.00	48.60 2.33 0.00	44.78 2.21 0.00	40.13 2.05 0.00	36.53 1.77 0.00

ATHENS_STG_1 23668	30.09 0.90 0.00	30.52 0.90 0.00	28.98 0.88 0.00	29.07 0.89 0.00	29.06 0.86 0.00	29.37 0.82 0.00	31.87 0.85 0.00	29.79 0.85 0.00	29.04 0.84 0.00	28.95 0.87 0.00	28.89 0.91 0.00	28.90 0.94 0.00	32.68 0.94 -3.94	40.85 1.18 -6.68	43.23 1.04 -12.20	28.44 1.05 0.00	31.95 1.09 0.00	39.98 1.29 0.00	42.04 1.37 0.00	43.37 1.29 0.00	47.63 1.36 0.00	43.89 1.31 0.00	39.30 1.22 0.00	35.85 1.08 0.00
ATHENS_STG_2 23670	30.09 0.90 0.00	30.52 0.90 0.00	28.98 0.88 0.00	29.07 0.89 0.00	29.06 0.86 0.00	29.37 0.82 0.00	31.87 0.85 0.00	29.79 0.85 0.00	29.04 0.84 0.00	28.95 0.87 0.00	28.89 0.91 0.00	28.90 0.94 0.00	32.68 0.94 -3.94	40.85 1.18 -6.68	43.23 1.04 -12.20	28.44 1.05 0.00	31.95 1.09 0.00	39.98 1.29 0.00	42.04 1.37 0.00	43.37 1.29 0.00	47.63 1.36 0.00	43.89 1.31 0.00	39.30 1.22 0.00	35.85 1.08 0.00
ATHENS_STG_3 23677	30.09 0.90 0.00	30.52 0.90 0.00	28.98 0.88 0.00	29.07 0.89 0.00	29.06 0.86 0.00	29.37 0.82 0.00	31.87 0.85 0.00	29.79 0.85 0.00	29.04 0.84 0.00	28.95 0.87 0.00	28.89 0.91 0.00	28.90 0.94 0.00	32.68 0.94 -3.94	40.85 1.18 -6.68	43.23 1.04 -12.20	28.44 1.05 0.00	31.95 1.09 0.00	39.98 1.29 0.00	42.04 1.37 0.00	43.37 1.29 0.00	47.63 1.36 0.00	43.89 1.31 0.00	39.30 1.22 0.00	35.85 1.08 0.00
AUBURN___LFGE 323710	28.64 -0.24 0.30	29.33 -0.28 0.00	27.82 -0.29 0.00	27.86 -0.32 0.00	27.88 -0.34 0.00	28.27 -0.28 0.00	30.73 -0.29 0.00	28.65 -0.26 0.03	28.03 -0.17 0.00	27.99 -0.08 0.00	27.93 -0.06 0.00	27.84 -0.11 0.00	20.21 -0.11 7.48	20.16 -0.14 12.68	6.69 -0.13 23.17	27.10 -0.29 0.00	30.52 -0.34 0.00	38.14 -0.54 0.00	40.03 -0.64 0.00	41.54 -0.53 0.00	45.65 -0.62 0.00	40.82 -0.67 1.08	37.45 -0.63 0.00	34.20 -0.57 0.00
BABYLON_RES_REC 323704	39.16 1.99 -7.98	35.77 1.97 -4.18	31.79 1.89 -1.81	34.24 1.85 -4.20	31.78 1.80 -1.77	37.12 1.81 -6.76	32.73 1.71 0.00	30.64 1.70 0.00	29.76 1.56 0.00	30.10 1.63 -0.40	44.16 2.07 -14.10	46.43 2.13 -16.34	43.77 2.03 -13.95	43.33 1.81 -8.53	44.98 1.50 -13.49	29.35 1.64 -0.32	33.09 1.78 -0.45	41.75 2.33 -0.73	49.91 2.71 -6.53	45.52 2.59 -0.86	49.99 2.71 -1.01	53.19 2.72 -7.90	50.02 2.59 -9.35	46.80 2.30 -9.74
BALL_HILL_WT_PWR 323825	25.94 -2.15 1.10	27.59 -2.03 0.00	25.90 -2.20 0.00	25.74 -2.44 0.00	25.72 -2.49 0.00	26.23 -2.32 0.00	28.60 -2.43 0.00	26.75 -2.07 0.12	26.60 -1.60 0.00	26.77 -1.30 0.00	26.93 -1.06 0.00	26.87 -1.08 0.00	5.95 -0.39 21.45	-3.15 0.25 36.39	-36.29 0.18 66.45	26.04 -1.35 0.00	29.02 -1.84 0.00	35.89 -2.79 0.00	37.27 -3.40 0.00	38.85 -3.22 0.00	42.64 -3.63 0.00	33.99 -3.35 5.23	35.07 -3.02 0.00	32.40 -2.37 0.00
BARON_WINDS___WT_PWR 323822	25.30 -2.14 1.74	27.31 -2.31 0.00	25.95 -2.15 0.00	25.68 -2.50 0.00	25.57 -2.64 0.00	26.20 -2.35 0.00	28.33 -2.69 0.00	26.28 -2.47 0.20	26.30 -1.90 0.00	26.16 -1.91 0.00	26.02 -1.97 0.00	25.81 -2.14 0.00	-6.67 -1.53 32.94	-23.92 -1.03 55.88	-72.64 -0.58 102.04	25.83 -1.56 0.00	29.01 -1.86 0.00	36.08 -2.60 0.00	37.63 -3.04 0.00	39.34 -2.74 0.00	42.98 -3.29 0.00	30.82 -3.27 8.48	35.32 -2.77 0.00	32.53 -2.24 0.00
BARRETT_IC_1 23704	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47
BARRETT_IC_10 23701	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47
BARRETT_IC_11 23702	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47
BARRETT_IC_12 23703	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47
BARRETT_IC_2 23705	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47
BARRETT_IC_3 23706	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47
BARRETT_IC_4 23707	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47
BARRETT_IC_5 23708	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47

BARRETT_IC_6 23709	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47
BARRETT_IC_7 23710	38.63 1.73 -7.71	35.60 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.42 0.00	29.49 1.29 0.00	29.81 1.36 -0.38	41.68 1.70 -11.98	43.76 1.77 -14.04	42.61 1.72 -13.10	42.58 1.63 -7.95	43.55 1.29 -12.28	28.91 1.53 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.38 2.10 -7.20	45.09 1.85 -8.47
BARRETT_IC_8 23711	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47
BARRETT_IC_9 23700	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47
BARRETT__1 23545	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47
BARRETT__2 23546	38.62 1.72 -7.71	35.59 1.80 -4.18	31.62 1.71 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.94 1.63 -6.76	32.51 1.49 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.82 1.36 -0.38	41.67 1.69 -11.98	43.76 1.77 -14.04	42.61 1.71 -13.10	42.60 1.66 -7.95	43.58 1.31 -12.28	28.91 1.52 0.00	32.49 1.63 0.00	40.79 2.11 0.00	48.27 2.31 -5.28	44.36 2.28 0.00	48.64 2.37 -0.01	50.65 2.29 -5.79	47.39 2.11 -7.20	45.08 1.85 -8.47
BATAVIA__115KV_TB1 55881	27.06 -1.32 0.80	28.28 -1.34 0.00	26.59 -1.51 0.00	26.44 -1.74 0.00	26.48 -1.73 0.00	27.07 -1.47 0.00	29.68 -1.34 0.00	27.82 -1.03 0.09	27.68 -0.52 0.00	27.84 -0.23 0.00	27.86 -0.13 0.00	27.75 -0.20 0.00	12.02 0.45 16.23	6.62 1.17 27.54	-19.33 0.97 50.29	26.84 -0.54 0.00	29.76 -1.11 0.00	36.72 -1.97 0.00	38.15 -2.52 0.00	39.83 -2.24 0.00	43.82 -2.45 0.00	36.67 -2.16 3.74	35.99 -2.10 0.00	33.16 -1.60 0.00
BAYONEEC__CTG1 323682	30.72 1.53 0.00	31.11 1.49 0.00	29.52 1.42 0.00	29.57 1.38 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.44 1.49 0.00	29.70 1.50 0.00	29.69 1.62 0.00	29.74 1.75 0.00	29.78 1.82 0.00	34.36 1.81 -4.76	43.27 2.21 -8.07	46.72 1.99 -14.74	29.35 1.96 0.00	32.85 1.99 0.00	41.08 2.40 0.00	43.06 2.39 0.00	44.45 2.37 0.00	48.67 2.40 0.00	44.85 2.27 0.00	40.18 2.10 0.00	36.58 1.82 0.00
BAYONEEC__CTG10 323750	30.72 1.53 0.00	31.11 1.49 0.00	29.52 1.42 0.00	29.57 1.38 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.44 1.49 0.00	29.70 1.50 0.00	29.69 1.62 0.00	29.74 1.75 0.00	29.78 1.82 0.00	34.36 1.81 -4.76	43.27 2.21 -8.07	46.72 1.99 -14.74	29.35 1.96 0.00	32.85 1.99 0.00	41.08 2.40 0.00	43.06 2.39 0.00	44.45 2.37 0.00	48.67 2.40 0.00	44.85 2.27 0.00	40.18 2.10 0.00	36.58 1.82 0.00
BAYONEEC__CTG2 323683	30.72 1.53 0.00	31.11 1.49 0.00	29.52 1.42 0.00	29.57 1.38 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.44 1.49 0.00	29.70 1.50 0.00	29.69 1.62 0.00	29.74 1.75 0.00	29.78 1.82 0.00	34.36 1.81 -4.76	43.27 2.21 -8.07	46.72 1.99 -14.74	29.35 1.96 0.00	32.85 1.99 0.00	41.08 2.40 0.00	43.06 2.39 0.00	44.45 2.37 0.00	48.67 2.40 0.00	44.85 2.27 0.00	40.18 2.10 0.00	36.58 1.82 0.00
BAYONEEC__CTG3 323684	30.72 1.53 0.00	31.11 1.49 0.00	29.52 1.42 0.00	29.57 1.38 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.44 1.49 0.00	29.70 1.50 0.00	29.69 1.62 0.00	29.74 1.75 0.00	29.78 1.82 0.00	34.36 1.81 -4.76	43.27 2.21 -8.07	46.72 1.99 -14.74	29.35 1.96 0.00	32.85 1.99 0.00	41.08 2.40 0.00	43.06 2.39 0.00	44.45 2.37 0.00	48.67 2.40 0.00	44.85 2.27 0.00	40.18 2.10 0.00	36.58 1.82 0.00
BAYONEEC__CTG4 323685	30.72 1.53 0.00	31.11 1.49 0.00	29.52 1.42 0.00	29.57 1.38 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.44 1.49 0.00	29.70 1.50 0.00	29.69 1.62 0.00	29.74 1.75 0.00	29.78 1.82 0.00	34.36 1.81 -4.76	43.27 2.21 -8.07	46.72 1.99 -14.74	29.35 1.96 0.00	32.85 1.99 0.00	41.08 2.40 0.00	43.06 2.39 0.00	44.45 2.37 0.00	48.67 2.40 0.00	44.85 2.27 0.00	40.18 2.10 0.00	36.58 1.82 0.00
BAYONEEC__CTG5 323686	30.72 1.53 0.00	31.11 1.49 0.00	29.52 1.42 0.00	29.57 1.38 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.44 1.49 0.00	29.70 1.50 0.00	29.69 1.62 0.00	29.74 1.75 0.00	29.78 1.82 0.00	34.36 1.81 -4.76	43.27 2.21 -8.07	46.72 1.99 -14.74	29.35 1.96 0.00	32.85 1.99 0.00	41.08 2.40 0.00	43.06 2.39 0.00	44.45 2.37 0.00	48.67 2.40 0.00	44.85 2.27 0.00	40.18 2.10 0.00	36.58 1.82 0.00
BAYONEEC__CTG6 323687	30.72 1.53 0.00	31.11 1.49 0.00	29.52 1.42 0.00	29.57 1.38 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.44 1.49 0.00	29.70 1.50 0.00	29.69 1.62 0.00	29.74 1.75 0.00	29.78 1.82 0.00	34.36 1.81 -4.76	43.27 2.21 -8.07	46.72 1.99 -14.74	29.35 1.96 0.00	32.85 1.99 0.00	41.08 2.40 0.00	43.06 2.39 0.00	44.45 2.37 0.00	48.67 2.40 0.00	44.85 2.27 0.00	40.18 2.10 0.00	36.58 1.82 0.00
BAYONEEC__CTG7 323688	30.72 1.53 0.00	31.11 1.49 0.00	29.52 1.42 0.00	29.57 1.38 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.44 1.49 0.00	29.70 1.50 0.00	29.69 1.62 0.00	29.74 1.75 0.00	29.78 1.82 0.00	34.36 1.81 -4.76	43.27 2.21 -8.07	46.72 1.99 -14.74	29.35 1.96 0.00	32.85 1.99 0.00	41.08 2.40 0.00	43.06 2.39 0.00	44.45 2.37 0.00	48.67 2.40 0.00	44.85 2.27 0.00	40.18 2.10 0.00	36.58 1.82 0.00

BAYONEEC___CTG8 323689	30.72 1.53 0.00	31.11 1.49 0.00	29.52 1.42 0.00	29.57 1.38 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.44 1.49 0.00	29.70 1.50 0.00	29.69 1.62 0.00	29.74 1.75 0.00	29.78 1.82 0.00	34.36 1.81 -4.76	43.27 2.21 -8.07	46.72 1.99 -14.74	29.35 1.96 0.00	32.85 1.99 0.00	41.08 2.40 0.00	43.06 2.39 0.00	44.45 2.37 0.00	48.67 2.40 0.00	44.85 2.27 0.00	40.18 2.10 0.00	36.58 1.82 0.00
BAYONEEC___CTG9 323749	30.72 1.53 0.00	31.11 1.49 0.00	29.52 1.42 0.00	29.57 1.38 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.44 1.49 0.00	29.70 1.50 0.00	29.69 1.62 0.00	29.74 1.75 0.00	29.78 1.82 0.00	34.36 1.81 -4.76	43.27 2.21 -8.07	46.72 1.99 -14.74	29.35 1.96 0.00	32.85 1.99 0.00	41.08 2.40 0.00	43.06 2.39 0.00	44.45 2.37 0.00	48.67 2.40 0.00	44.85 2.27 0.00	40.18 2.10 0.00	36.58 1.82 0.00
BEACON___LESR 323632	30.06 0.88 0.00	30.49 0.87 0.00	28.95 0.85 0.00	29.03 0.85 0.00	29.05 0.85 0.00	29.39 0.84 0.00	31.88 0.86 0.00	29.73 0.79 0.00	28.93 0.73 0.00	28.80 0.73 0.00	28.65 0.66 0.00	28.66 0.70 0.00	31.81 0.65 -3.36	39.41 0.72 -5.70	41.16 0.74 -10.44	28.33 0.94 0.00	31.93 1.07 0.00	39.90 1.22 0.00	42.06 1.40 0.00	43.37 1.29 0.00	47.64 1.38 0.00	43.86 1.29 0.00	39.27 1.19 0.00	35.83 1.07 0.00
BEAVER RIVER___HYD 24048	27.62 -1.57 0.00	28.39 -1.23 0.00	26.87 -1.23 0.00	27.07 -1.11 0.00	27.11 -1.10 0.00	27.41 -1.14 0.00	29.67 -1.36 0.00	27.35 -1.60 0.00	26.29 -1.91 0.00	26.18 -1.89 0.00	26.13 -1.86 0.00	26.16 -1.80 0.00	26.07 -1.73 0.00	30.95 -2.04 0.00	28.25 -1.73 0.00	25.91 -1.48 0.00	29.58 -1.29 0.00	37.66 -1.02 0.00	39.86 -0.81 0.00	41.42 -0.66 0.00	45.60 -0.67 0.00	41.95 -0.63 0.00	37.40 -0.68 0.00	34.01 -0.75 0.00
BEEBEE_GT_13 23619	27.86 -0.76 0.56	28.83 -0.78 0.00	27.22 -0.89 0.00	27.15 -1.04 0.00	27.17 -1.04 0.00	27.66 -0.89 0.00	30.19 -0.83 0.00	28.24 -0.64 0.06	27.85 -0.35 0.00	27.91 -0.16 0.00	27.89 -0.10 0.00	27.81 -0.15 0.00	16.05 0.17 11.92	13.32 0.55 20.22	-6.47 0.46 36.92	27.04 -0.34 0.00	30.22 -0.64 0.00	37.55 -1.13 0.00	39.19 -1.48 0.00	40.75 -1.33 0.00	44.84 -1.43 0.00	38.72 -1.34 2.52	36.78 -1.31 0.00	33.71 -1.05 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.01 1.83 0.00	31.42 1.80 0.00	29.81 1.71 0.00	29.84 1.66 0.00	29.82 1.61 0.00	30.18 1.63 0.00	32.72 1.70 0.00	30.76 1.82 0.00	30.01 1.81 0.00	30.00 1.94 0.00	30.07 2.08 0.00	30.11 2.16 0.00	34.69 2.13 -4.76	43.68 2.62 -8.08	47.07 2.34 -14.74	29.67 2.28 0.00	33.16 2.30 0.00	41.47 2.78 0.00	43.47 2.80 0.00	44.88 2.80 0.00	49.13 2.85 -0.01	45.27 2.70 0.00	40.55 2.47 0.00	36.89 2.12 0.00
BETHLEHEM___GRP 23843	29.62 0.44 0.00	30.05 0.43 0.00	28.55 0.44 0.00	28.63 0.44 0.00	28.64 0.43 0.00	28.95 0.40 0.00	31.40 0.38 0.00	29.29 0.34 0.00	28.51 0.31 0.00	28.38 0.31 0.00	28.24 0.25 0.00	28.24 0.29 0.00	31.39 0.25 -3.35	38.92 0.26 -5.68	40.65 0.27 -10.40	27.87 0.49 0.00	31.41 0.55 0.00	39.22 0.54 0.00	41.32 0.66 0.00	42.59 0.52 0.00	46.82 0.55 0.00	43.13 0.56 0.00	38.64 0.56 0.00	35.29 0.52 0.00
BETHLEHEM___GS1 323560	29.62 0.44 0.00	30.04 0.43 0.00	28.54 0.44 0.00	28.63 0.44 0.00	28.63 0.42 0.00	28.95 0.40 0.00	31.40 0.38 0.00	29.29 0.34 0.00	28.51 0.31 0.00	28.38 0.31 0.00	28.24 0.25 0.00	28.25 0.29 0.00	31.41 0.27 -3.35	38.95 0.28 -5.68	40.67 0.28 -10.40	27.87 0.49 0.00	31.41 0.55 0.00	39.22 0.54 0.00	41.32 0.66 0.00	42.59 0.52 0.00	46.83 0.56 0.00	43.13 0.56 0.00	38.64 0.56 0.00	35.29 0.52 0.00
BETHLEHEM___GS2 323561	29.62 0.44 0.00	30.04 0.43 0.00	28.54 0.44 0.00	28.63 0.44 0.00	28.63 0.42 0.00	28.95 0.40 0.00	31.40 0.38 0.00	29.29 0.34 0.00	28.51 0.31 0.00	28.38 0.31 0.00	28.24 0.25 0.00	28.25 0.29 0.00	31.41 0.27 -3.35	38.95 0.28 -5.68	40.67 0.28 -10.40	27.87 0.49 0.00	31.41 0.55 0.00	39.22 0.54 0.00	41.32 0.66 0.00	42.59 0.52 0.00	46.83 0.56 0.00	43.13 0.56 0.00	38.64 0.56 0.00	35.29 0.52 0.00
BETHLEHEM___GS3 323562	29.62 0.44 0.00	30.04 0.43 0.00	28.54 0.44 0.00	28.63 0.44 0.00	28.63 0.42 0.00	28.95 0.40 0.00	31.40 0.38 0.00	29.29 0.34 0.00	28.51 0.31 0.00	28.38 0.31 0.00	28.24 0.25 0.00	28.25 0.29 0.00	31.41 0.27 -3.35	38.95 0.28 -5.68	40.67 0.28 -10.40	27.87 0.49 0.00	31.41 0.55 0.00	39.22 0.54 0.00	41.32 0.66 0.00	42.59 0.52 0.00	46.83 0.56 0.00	43.13 0.56 0.00	38.64 0.56 0.00	35.29 0.52 0.00
BETHLEHEM___STEEL 23779	25.88 -2.24 1.07	27.40 -2.22 0.00	25.72 -2.38 0.00	25.55 -2.64 0.00	25.57 -2.64 0.00	26.16 -2.39 0.00	28.62 -2.40 0.00	26.78 -2.04 0.12	26.73 -1.47 0.00	26.90 -1.17 0.00	26.98 -1.01 0.00	26.88 -1.08 0.00	6.60 -0.26 20.94	-2.03 0.51 35.52	-34.47 0.42 64.87	26.09 -1.30 0.00	28.93 -1.94 0.00	35.70 -2.99 0.00	37.02 -3.65 0.00	38.63 -3.45 0.00	42.42 -3.85 0.00	34.03 -3.46 5.08	34.94 -3.15 0.00	32.31 -2.46 0.00
BETHLHEM_115KV_TB1 79974	29.68 0.50 0.00	30.10 0.49 0.00	28.60 0.50 0.00	28.69 0.50 0.00	28.69 0.48 0.00	29.01 0.46 0.00	31.46 0.44 0.00	29.35 0.40 0.00	28.57 0.37 0.00	28.45 0.38 0.00	28.32 0.33 0.00	28.30 0.35 0.00	31.46 0.33 -3.33	39.00 0.35 -5.66	40.70 0.35 -10.36	27.93 0.54 0.00	31.48 0.61 0.00	39.31 0.62 0.00	41.41 0.74 0.00	42.69 0.62 0.00	46.94 0.67 0.00	43.24 0.66 0.00	38.73 0.64 0.00	35.36 0.60 0.00
BETHPAGE_CC_5 323564	39.45 1.97 -8.30	35.75 1.95 -4.18	31.76 1.85 -1.81	34.20 1.82 -4.20	31.75 1.76 -1.77	37.09 1.78 -6.76	32.72 1.69 0.00	30.63 1.69 0.00	29.77 1.57 0.00	30.13 1.64 -0.42	44.90 2.06 -14.85	47.30 2.12 -17.22	44.27 2.03 -14.44	42.81 1.84 -7.98	44.37 1.54 -12.84	29.05 1.67 0.00	32.65 1.78 0.00	41.00 2.31 0.00	49.15 2.64 -5.85	44.62 2.54 0.00	48.93 2.65 -0.01	52.38 2.64 -7.17	49.52 2.55 -8.88	47.29 2.27 -10.26
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.89 -2.22 1.09	27.43 -2.19 0.00	25.75 -2.35 0.00	25.56 -2.62 0.00	25.59 -2.62 0.00	26.17 -2.38 0.00	28.64 -2.38 0.00	26.79 -2.03 0.12	26.74 -1.46 0.00	26.91 -1.16 0.00	26.99 -1.00 0.00	26.90 -1.05 0.00	6.34 -0.22 21.23	-2.48 0.55 36.02	-35.34 0.46 65.78	26.13 -1.26 0.00	28.98 -1.89 0.00	35.76 -2.93 0.00	37.09 -3.58 0.00	38.69 -3.38 0.00	42.49 -3.78 0.00	34.01 -3.40 5.17	34.99 -3.10 0.00	32.35 -2.41 0.00
BINGHAMTON___COGEN 23790	30.12 -0.07 -1.01	29.51 -0.11 0.00	27.96 -0.14 0.00	28.03 -0.15 0.00	28.05 -0.16 0.00	28.40 -0.15 0.00	30.84 -0.19 0.00	28.92 -0.14 0.00	28.13 -0.07 0.00	28.08 0.01 0.00	28.03 0.04 0.00	27.97 0.02 0.00	151.56 0.25 -123.51	243.02 0.53 -209.50	412.93 0.60 -382.35	26.86 -0.53 0.00	30.26 -0.60 0.00	37.85 -0.84 0.00	39.73 -0.93 0.00	41.25 -0.83 0.00	45.29 -0.98 0.00	48.27 -1.04 -6.74	37.16 -0.93 0.00	33.95 -0.81 0.00

BIXINCNT_115KV_LOAD 355685	25.73 -2.29 1.16	27.51 -2.10 0.00	25.78 -2.33 0.00	25.35 -2.83 0.00	25.36 -2.85 0.00	25.76 -2.79 0.00	28.34 -2.68 0.00	26.34 -2.47 0.13	26.21 -1.99 0.00	26.29 -1.78 0.00	26.50 -1.49 0.00	26.65 -1.30 0.00	4.95 -0.18 22.66	-4.72 0.73 38.44	-39.63 0.58 70.20	26.27 -1.12 0.00	29.27 -1.60 0.00	36.10 -2.59 0.00	37.43 -3.24 0.00	39.09 -2.98 0.00	42.83 -3.44 0.00	33.86 -3.15 5.57	35.23 -2.85 0.00	32.62 -2.15 0.00
BLACK RIVER___HYD 24047	27.28 -1.90 0.00	28.16 -1.45 0.00	26.64 -1.47 0.00	26.92 -1.27 0.00	26.98 -1.24 0.00	27.26 -1.29 0.00	29.48 -1.54 0.00	27.05 -1.90 0.00	25.80 -2.40 0.00	25.71 -2.36 0.00	25.69 -2.30 0.00	25.72 -2.24 0.00	25.69 -2.11 0.00	30.52 -2.47 0.00	27.90 -2.09 0.00	25.53 -1.85 0.00	29.30 -1.56 0.00	37.45 -1.23 0.00	39.71 -0.96 0.00	41.38 -0.70 0.00	45.60 -0.67 0.00	41.93 -0.64 0.00	37.37 -0.72 0.00	33.96 -0.80 0.00
BLACKRVR_115KV_TB2 79977	27.28 -1.91 0.00	28.16 -1.46 0.00	26.64 -1.47 0.00	26.92 -1.26 0.00	26.98 -1.24 0.00	27.26 -1.29 0.00	29.48 -1.54 0.00	27.05 -1.90 0.00	25.80 -2.40 0.00	25.71 -2.36 0.00	25.69 -2.30 0.00	25.72 -2.24 0.00	25.68 -2.11 0.00	30.51 -2.48 0.00	27.90 -2.09 0.00	25.53 -1.86 0.00	29.30 -1.56 0.00	37.45 -1.23 0.00	39.71 -0.96 0.00	41.38 -0.70 0.00	45.60 -0.67 0.00	41.93 -0.64 0.00	37.37 -0.71 0.00	33.96 -0.80 0.00
BLDWN_LI_69_KV_BK4 356085	40.13 2.00 -8.94	35.79 1.99 -4.18	31.80 1.89 -1.81	34.24 1.86 -4.20	31.79 1.80 -1.77	37.13 1.83 -6.76	32.76 1.74 0.00	30.66 1.71 0.00	29.79 1.59 0.00	30.22 1.69 -0.47	46.20 2.07 -16.14	48.83 2.14 -18.74	45.25 2.07 -15.39	42.99 2.01 -7.99	44.78 1.69 -13.11	29.21 1.83 0.00	32.83 1.96 0.00	41.21 2.53 0.00	49.92 2.79 -6.47	44.82 2.74 0.00	49.14 2.87 -0.01	53.16 2.79 -7.80	50.34 2.59 -9.66	48.24 2.29 -11.19
BLISS_WT_PWR 323608	25.62 -2.40 1.16	27.45 -2.17 0.00	25.72 -2.39 0.00	25.20 -2.98 0.00	25.22 -2.99 0.00	25.56 -2.99 0.00	28.17 -2.85 0.00	26.13 -2.69 0.13	26.01 -2.19 0.00	26.07 -2.00 0.00	26.33 -1.66 0.00	26.56 -1.39 0.00	4.84 -0.29 22.66	-4.84 0.61 38.44	-39.73 0.49 70.20	26.29 -1.10 0.00	29.29 -1.58 0.00	36.11 -2.57 0.00	37.44 -3.23 0.00	39.10 -2.97 0.00	42.80 -3.47 0.00	33.85 -3.16 5.57	35.22 -2.86 0.00	32.64 -2.12 0.00
BLUESTONE___WT_PWR 323821	30.51 0.92 -0.40	30.16 0.54 0.00	28.23 0.12 0.00	28.29 0.11 0.00	28.57 0.35 0.00	28.79 0.24 0.00	31.09 0.06 0.00	28.99 0.00 -0.05	28.25 0.05 0.00	28.14 0.07 0.00	28.04 0.05 0.00	28.01 0.06 0.00	76.95 0.27 -48.88	116.01 0.12 -82.90	181.43 0.21 -151.23	27.52 0.13 0.00	31.39 0.52 0.00	39.49 0.81 0.00	41.94 1.27 0.00	43.87 1.80 0.00	48.23 1.96 0.00	46.90 1.79 -2.54	39.62 1.54 0.00	36.11 1.35 0.00
BLUE_CIRC_CHEM_DRP 24182	29.98 0.79 0.00	30.41 0.79 0.00	28.89 0.79 0.00	28.98 0.80 0.00	29.00 0.79 0.00	29.30 0.75 0.00	31.78 0.76 0.00	29.56 0.62 0.00	28.75 0.54 0.00	28.64 0.56 0.00	28.47 0.48 0.00	28.47 0.51 0.00	31.68 0.45 -3.43	39.33 0.52 -5.82	41.21 0.57 -10.65	28.13 0.74 0.00	31.72 0.85 0.00	39.69 1.01 0.00	41.80 1.13 0.00	43.11 1.04 0.00	47.41 1.14 0.00	43.68 1.11 0.00	39.12 1.03 0.00	35.70 0.93 0.00
BOC_GAS_DRP 24189	29.80 0.62 0.00	30.23 0.61 0.00	28.71 0.61 0.00	28.80 0.62 0.00	28.81 0.59 0.00	29.12 0.57 0.00	31.60 0.58 0.00	29.49 0.55 0.00	28.73 0.53 0.00	28.60 0.53 0.00	28.51 0.52 0.00	28.51 0.55 0.00	31.61 0.53 -3.27	39.20 0.65 -5.56	40.75 0.59 -10.17	28.07 0.68 0.00	31.60 0.73 0.00	39.52 0.84 0.00	41.59 0.92 0.00	42.90 0.82 0.00	47.16 0.89 0.00	43.45 0.88 0.00	38.91 0.83 0.00	35.51 0.75 0.00
BOONVILLE_115KV_TB1 79983	28.96 -0.23 0.00	29.56 -0.06 0.00	28.00 -0.10 0.00	28.14 -0.04 0.00	28.16 -0.05 0.00	28.51 -0.04 0.00	30.92 -0.11 0.00	28.64 -0.30 0.00	27.73 -0.46 0.00	27.61 -0.46 0.00	27.53 -0.45 0.00	27.51 -0.44 0.00	27.41 -0.38 0.00	32.58 -0.41 0.00	29.66 -0.32 0.00	27.16 -0.23 0.00	30.90 0.03 0.00	39.11 0.43 0.00	41.27 0.60 0.00	42.75 0.67 0.00	47.01 0.74 0.00	43.21 0.63 0.00	38.54 0.46 0.00	35.09 0.32 0.00
BORALEX_4TH_BRANCH 23824	30.68 1.49 0.00	31.10 1.48 0.00	29.55 1.44 0.00	29.62 1.44 0.00	29.63 1.42 0.00	29.98 1.43 0.00	32.53 1.50 0.00	30.23 1.29 0.00	29.43 1.23 0.00	29.22 1.15 0.00	29.03 1.04 0.00	28.99 1.03 0.00	32.14 1.01 -3.34	39.89 1.23 -5.67	41.46 1.07 -10.40	28.55 1.17 0.00	32.25 1.39 0.00	40.30 1.61 0.00	42.63 1.96 0.00	43.83 1.75 0.00	48.37 2.10 0.00	44.60 2.03 0.00	40.01 1.93 0.00	36.55 1.79 0.00
BOWLINE___1 23526	30.60 1.30 -0.12	30.89 1.27 0.00	29.32 1.22 0.00	29.37 1.19 0.00	29.35 1.14 0.00	29.70 1.15 0.00	32.21 1.19 0.00	30.22 1.26 -0.01	29.43 1.23 0.00	29.39 1.32 0.00	29.41 1.42 0.00	29.43 1.48 0.00	34.24 1.50 -4.95	43.28 1.90 -8.39	47.01 1.70 -15.31	29.05 1.67 0.00	32.54 1.67 0.00	40.73 2.05 0.00	42.76 2.09 0.00	44.15 2.08 0.00	48.38 2.11 0.00	44.53 1.95 0.00	39.88 1.80 0.00	36.31 1.55 0.00
BOWLINE___2 23595	30.60 1.30 -0.12	30.89 1.27 0.00	29.32 1.22 0.00	29.37 1.18 0.00	29.35 1.14 0.00	29.70 1.15 0.00	32.21 1.19 0.00	30.22 1.26 -0.01	29.43 1.23 0.00	29.39 1.32 0.00	29.40 1.41 0.00	29.43 1.48 0.00	34.24 1.50 -4.95	43.28 1.90 -8.39	47.01 1.70 -15.31	29.05 1.67 0.00	32.54 1.67 0.00	40.73 2.05 0.00	42.76 2.09 0.00	44.15 2.08 0.00	48.38 2.11 0.00	44.52 1.95 0.00	39.88 1.80 0.00	36.31 1.55 0.00
BRADY___115KV_TB2 356060	29.27 0.09 0.00	29.74 0.12 0.00	28.22 0.11 0.00	28.30 0.12 0.00	28.38 0.17 0.00	28.78 0.23 0.00	31.33 0.31 0.00	29.04 0.09 0.00	28.13 -0.07 0.00	27.85 -0.22 0.00	27.71 -0.27 0.00	27.64 -0.31 0.00	27.41 -0.39 0.00	32.39 -0.60 0.00	29.44 -0.55 0.00	26.92 -0.46 0.00	30.48 -0.39 0.00	38.47 -0.21 0.00	40.63 -0.04 0.00	42.34 0.26 0.00	46.69 0.42 0.00	42.94 0.37 0.00	38.37 0.28 0.00	34.99 0.23 0.00
BRANSCOMB___SOLAR 323811	30.42 1.24 0.00	30.86 1.25 0.00	29.29 1.19 0.00	29.38 1.19 0.00	29.40 1.19 0.00	29.75 1.20 0.00	32.29 1.27 0.00	29.98 1.03 0.00	29.05 0.85 0.00	28.87 0.80 0.00	28.73 0.74 0.00	28.66 0.71 0.00	31.90 0.67 -3.43	39.62 0.81 -5.82	41.47 0.80 -10.69	28.40 1.01 0.00	32.21 1.35 0.00	40.42 1.74 0.00	42.65 1.98 0.00	43.99 1.91 0.00	48.46 2.19 0.00	44.64 2.07 0.00	39.92 1.84 0.00	36.39 1.63 0.00
BRDGHMPT_69_KV_BK1 55812	39.13 2.53 -7.42	36.45 2.66 -4.18	32.50 2.60 -1.81	35.00 2.61 -4.20	32.41 2.42 -1.77	37.72 2.42 -6.76	33.29 2.26 0.00	31.41 2.46 0.00	30.42 2.22 0.00	30.44 2.01 -0.36	43.03 2.31 -12.74	45.08 2.36 -14.77	43.15 2.31 -13.05	46.16 2.11 -11.05	48.56 1.72 -16.85	31.14 1.93 -1.82	35.54 2.18 -2.50	45.72 2.95 -4.08	54.90 3.76 -10.47	50.52 3.67 -4.77	55.79 3.93 -5.60	58.78 3.99 -12.22	54.58 3.80 -12.69	46.92 3.36 -8.79

BRENTWOD_69_KV_W. BRTWOOD 56703	38.80 2.09 -7.52	35.90 2.10 -4.18	31.91 2.00 -1.81	34.37 1.98 -4.20	31.90 1.91 -1.77	37.24 1.94 -6.76	32.85 1.83 0.00	30.75 1.80 0.00	29.86 1.66 0.00	30.12 1.69 -0.37	43.14 2.15 -13.00	45.23 2.21 -15.07	43.07 2.06 -13.21	45.57 1.80 -10.78	47.98 1.47 -16.52	30.68 1.64 -1.65	34.93 1.79 -2.28	44.75 2.35 -3.71	53.53 2.79 -10.08	48.98 2.56 -4.34	54.11 2.75 -5.09	57.20 2.84 -11.79	53.17 2.70 -12.39	46.14 2.40 -8.97
BRISTLHL_115KV_TB1 79998	28.18 -1.01 0.00	28.59 -1.03 0.00	27.12 -0.98 0.00	27.19 -0.99 0.00	27.19 -1.02 0.00	27.54 -1.01 0.00	29.92 -1.10 0.00	27.92 -1.02 0.00	27.21 -0.99 0.00	27.15 -0.93 0.00	27.09 -0.90 0.00	27.05 -0.91 0.00	23.06 -0.92 3.81	25.40 -1.12 6.47	17.16 -1.00 11.82	26.38 -1.00 0.00	29.73 -1.14 0.00	37.22 -1.47 0.00	39.09 -1.58 0.00	40.49 -1.58 0.00	44.50 -1.77 0.00	40.90 -1.68 0.00	36.56 -1.52 0.00	33.39 -1.38 0.00
BROOKHAVEN__DRP 24191	38.54 1.93 -7.41	35.81 2.01 -4.18	31.88 1.97 -1.81	34.38 1.99 -4.20	31.89 1.90 -1.77	37.22 1.91 -6.76	32.71 1.68 0.00	30.81 1.86 0.00	29.85 1.65 0.00	29.90 1.47 -0.36	42.51 1.79 -12.73	44.55 1.83 -14.76	42.58 1.74 -13.04	45.50 1.42 -11.09	47.98 1.09 -16.90	30.55 1.32 -1.84	34.85 1.46 -2.53	44.83 2.02 -4.13	53.85 2.65 -10.53	49.39 2.49 -4.83	54.54 2.61 -5.66	57.67 2.81 -12.29	53.59 2.76 -12.75	45.97 2.42 -8.79
BROOKLYN_NAVY_YARD 23515	30.61 1.43 0.00	30.99 1.38 0.01	29.41 1.32 0.02	29.45 1.28 0.01	29.44 1.23 0.00	29.78 1.23 0.00	32.30 1.28 0.00	30.37 1.43 0.00	29.62 1.42 0.00	29.61 1.54 0.00	29.65 1.66 0.00	29.70 1.74 0.00	34.30 1.74 -4.76	43.20 2.14 -8.07	46.64 1.91 -14.74	29.28 1.89 0.00	32.76 1.89 0.00	40.96 2.27 0.00	42.94 2.28 0.00	44.31 2.23 0.00	48.49 2.23 0.00	44.70 2.13 0.00	40.06 1.97 0.00	36.48 1.71 0.00
BROOKLYN__ARMY_DRP 323595	30.88 1.70 0.00	31.30 1.68 0.00	29.70 1.60 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.60 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.86 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.54 1.98 -4.76	43.50 2.43 -8.08	46.91 2.18 -14.74	29.52 2.13 0.00	33.00 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
BROOME_2_LFGE 323671	30.13 -0.07 -1.01	29.51 -0.11 0.00	27.97 -0.14 0.00	28.03 -0.15 0.00	28.05 -0.16 0.00	28.40 -0.15 0.00	30.84 -0.18 0.00	28.92 -0.14 -0.11	28.14 -0.07 0.00	28.08 0.01 0.00	28.03 0.04 0.00	27.98 0.02 0.00	151.43 0.12 -123.51	242.88 0.40 -209.50	412.75 0.42 -382.35	26.86 -0.53 0.00	30.26 -0.60 0.00	37.85 -0.84 0.00	39.74 -0.93 0.00	41.25 -0.83 0.00	45.29 -0.98 0.00	48.27 -1.04 -6.74	37.15 -0.93 0.00	33.94 -0.82 0.00
BROOME__LFGE 323600	30.13 -0.07 -1.01	29.51 -0.11 0.00	27.97 -0.14 0.00	28.03 -0.15 0.00	28.05 -0.16 0.00	28.40 -0.15 0.00	30.84 -0.18 0.00	28.92 -0.14 -0.11	28.14 -0.07 0.00	28.08 0.01 0.00	28.03 0.04 0.00	27.98 0.02 0.00	151.43 0.12 -123.51	242.88 0.40 -209.50	412.75 0.42 -382.35	26.86 -0.53 0.00	30.26 -0.60 0.00	37.85 -0.84 0.00	39.74 -0.93 0.00	41.25 -0.83 0.00	45.29 -0.98 0.00	48.27 -1.04 -6.74	37.15 -0.93 0.00	33.94 -0.82 0.00
BROWNFLS_115KV_TB 3_5 80003	27.75 -1.43 0.00	28.38 -1.24 0.00	26.89 -1.22 0.00	27.05 -1.13 0.00	27.11 -1.10 0.00	27.42 -1.13 0.00	29.77 -1.25 0.00	27.55 -1.40 0.00	26.58 -1.63 0.00	26.38 -1.69 0.00	26.30 -1.69 0.00	26.29 -1.66 0.00	26.12 -1.68 0.00	30.94 -2.05 0.00	28.19 -1.79 0.00	25.84 -1.54 0.00	29.42 -1.44 0.00	37.34 -1.35 0.00	39.47 -1.20 0.00	41.04 -1.03 0.00	45.19 -1.07 0.00	41.56 -1.01 0.00	37.09 -0.99 0.00	33.77 -0.99 0.00
BROWNSV1_27_KV_LOAD 356125	30.93 1.75 0.00	31.31 1.70 0.00	29.72 1.62 0.00	29.74 1.56 0.00	29.73 1.52 0.00	30.07 1.52 0.00	32.61 1.59 0.00	30.64 1.69 0.00	29.91 1.71 0.00	29.90 1.83 0.00	29.98 1.99 0.00	30.01 2.06 0.00	34.60 2.04 -4.76	43.55 2.49 -8.07	46.96 2.24 -14.74	29.59 2.20 0.00	33.12 2.26 0.00	41.41 2.73 0.00	43.43 2.76 0.00	44.82 2.75 0.00	49.08 2.81 0.00	45.22 2.64 0.00	40.50 2.42 0.00	36.87 2.10 0.00
BURROWS__LYONSDAL 23803	28.63 -0.56 0.00	29.29 -0.33 0.00	27.73 -0.38 0.00	27.89 -0.30 0.00	27.90 -0.31 0.00	28.23 -0.32 0.00	30.59 -0.43 0.00	28.32 -0.62 0.00	27.38 -0.82 0.00	27.26 -0.82 0.00	27.20 -0.79 0.00	27.19 -0.76 0.00	27.10 -0.70 0.00	32.20 -0.79 0.00	29.35 -0.64 0.00	26.88 -0.50 0.00	30.60 -0.26 0.00	38.80 0.11 0.00	40.97 0.30 0.00	42.48 0.40 0.00	46.71 0.43 0.00	42.92 0.35 0.00	38.30 0.22 0.00	34.86 0.09 0.00
CAITHNESS_CC_1 323624	38.50 1.90 -7.41	35.75 1.95 -4.18	31.82 1.91 -1.81	34.30 1.92 -4.20	31.83 1.84 -1.77	37.15 1.84 -6.76	32.67 1.65 0.00	30.72 1.78 0.00	29.79 1.59 0.00	29.89 1.46 -0.36	42.51 1.79 -12.73	44.56 1.85 -14.75	42.59 1.75 -13.04	45.56 1.45 -11.12	48.05 1.12 -16.95	30.56 1.32 -1.86	34.87 1.45 -2.56	44.84 1.99 -4.17	53.82 2.56 -10.59	49.35 2.40 -4.88	54.50 2.52 -5.72	57.61 2.69 -12.34	53.52 2.64 -12.80	45.87 2.32 -8.78
CALPINE BETH_PAGE_GT4 24209	39.83 2.01 -8.64	35.78 1.98 -4.18	31.80 1.89 -1.81	34.24 1.86 -4.20	31.77 1.79 -1.77	37.13 1.82 -6.76	32.77 1.75 0.00	30.67 1.72 0.00	29.81 1.61 0.00	30.21 1.70 -0.45	45.77 2.11 -15.67	48.30 2.16 -18.18	44.85 2.07 -14.99	42.80 1.82 -7.99	44.53 1.54 -13.01	29.06 1.68 0.00	32.65 1.78 0.00	41.01 2.32 0.00	49.48 2.64 -6.18	44.62 2.54 0.00	48.93 2.65 -0.01	52.77 2.62 -7.57	50.06 2.60 -9.37	47.91 2.32 -10.83
CALPINE_BETH_PAGE_GT_4 323586	39.83 2.01 -8.64	35.78 1.98 -4.18	31.79 1.89 -1.81	34.24 1.86 -4.20	31.77 1.79 -1.77	37.13 1.82 -6.76	32.76 1.74 0.00	30.67 1.72 0.00	29.81 1.61 0.00	30.21 1.70 -0.45	45.77 2.11 -15.67	48.30 2.17 -18.18	44.86 2.07 -14.99	42.82 1.85 -7.99	44.55 1.55 -13.01	29.06 1.67 0.00	32.65 1.79 0.00	41.01 2.32 0.00	49.49 2.64 -6.18	44.62 2.54 0.00	48.93 2.65 -0.01	52.77 2.62 -7.57	50.06 2.60 -9.37	47.91 2.32 -10.83
CALPINE_BP_GT1 23823	39.83 2.01 -8.64	35.78 1.98 -4.18	31.79 1.89 -1.81	34.24 1.86 -4.20	31.77 1.79 -1.77	37.13 1.82 -6.76	32.76 1.74 0.00	30.67 1.72 0.00	29.81 1.61 0.00	30.21 1.70 -0.45	45.77 2.11 -15.67	48.30 2.17 -18.18	44.86 2.07 -14.99	42.82 1.85 -7.99	44.55 1.55 -13.01	29.06 1.67 0.00	32.65 1.79 0.00	41.01 2.32 0.00	49.49 2.64 -6.18	44.62 2.54 0.00	48.93 2.65 -0.01	52.77 2.62 -7.57	50.06 2.60 -9.37	47.91 2.32 -10.83
CALSPAN__DRP 24200	25.88 -2.24 1.07	27.40 -2.22 0.00	25.72 -2.38 0.00	25.55 -2.64 0.00	25.57 -2.64 0.00	26.16 -2.39 0.00	28.62 -2.40 0.00	26.78 -2.04 0.12	26.73 -1.47 0.00	26.90 -1.17 0.00	26.98 -1.01 0.00	26.88 -1.08 0.00	6.60 -0.26 20.94	-2.03 0.51 35.52	-34.47 0.42 64.87	26.09 -1.30 0.00	28.93 -1.94 0.00	35.70 -2.99 0.00	37.02 -3.65 0.00	38.63 -3.45 0.00	42.42 -3.85 0.00	34.03 -3.46 5.08	34.94 -3.15 0.00	32.31 -2.46 0.00

CALVERTON__SOLAR 323806	38.60 2.00 -7.41	35.88 2.08 -4.18	31.94 2.03 -1.81	34.45 2.07 -4.20	31.96 1.98 -1.77	37.29 1.98 -6.76	32.77 1.74 0.00	30.89 1.94 0.00	29.92 1.72 0.00	29.93 1.50 -0.36	42.53 1.80 -12.74	44.57 1.85 -14.76	42.63 1.78 -13.04	45.55 1.48 -11.08	48.02 1.15 -16.89	30.57 1.36 -1.83	34.89 1.50 -2.52	44.88 2.09 -4.11	53.95 2.77 -10.51	49.50 2.61 -4.81	54.66 2.76 -5.64	57.79 2.96 -12.26	53.71 2.90 -12.73	46.11 2.55 -8.79
CANDIGU_WT_PWR 323617	25.30 -2.14 1.74	27.31 -2.31 0.00	25.95 -2.15 0.00	25.68 -2.50 0.00	25.57 -2.64 0.00	26.20 -2.35 0.00	28.33 -2.69 0.00	26.28 -2.47 0.20	26.30 -1.90 0.00	26.16 -1.91 0.00	26.02 -1.97 0.00	25.81 -2.14 0.00	-6.67 -1.53 32.94	-23.92 -1.03 55.88	-72.64 -0.58 102.04	25.83 -1.56 0.00	29.01 -1.86 0.00	36.08 -2.60 0.00	37.63 -3.04 0.00	39.34 -2.74 0.00	42.98 -3.29 0.00	30.82 -3.27 8.48	35.32 -2.77 0.00	32.53 -2.24 0.00
CARR STREET_E_SYR 24060	28.65 -0.53 0.00	29.06 -0.56 0.00	27.57 -0.54 0.00	27.62 -0.56 0.00	27.64 -0.57 0.00	28.00 -0.55 0.00	30.43 -0.60 0.00	28.40 -0.55 0.00	27.70 -0.50 0.00	27.64 -0.42 0.00	27.59 -0.40 0.00	27.54 -0.41 0.00	23.25 -0.43 4.12	25.46 -0.55 6.99	16.73 -0.49 12.76	26.84 -0.55 0.00	30.23 -0.64 0.00	37.81 -0.87 0.00	39.70 -0.97 0.00	41.13 -0.95 0.00	45.20 -1.07 0.00	41.52 -1.05 0.00	37.11 -0.97 0.00	33.90 -0.86 0.00
CARTHAGE__PAPER 23857	27.48 -1.70 0.00	28.31 -1.31 0.00	26.78 -1.32 0.00	27.03 -1.15 0.00	27.08 -1.13 0.00	27.36 -1.19 0.00	29.61 -1.41 0.00	27.24 -1.71 0.00	26.10 -2.10 0.00	25.98 -2.09 0.00	25.94 -2.05 0.00	25.98 -1.98 0.00	25.90 -1.89 0.00	30.77 -2.22 0.00	28.10 -1.88 0.00	25.75 -1.64 0.00	29.47 -1.40 0.00	37.60 -1.09 0.00	39.83 -0.84 0.00	41.45 -0.63 0.00	45.65 -0.62 0.00	41.99 -0.58 0.00	37.43 -0.66 0.00	34.02 -0.74 0.00
CASSADAGA_WT_PWR 323784	26.20 -1.84 1.15	28.12 -1.50 0.00	26.36 -1.75 0.00	26.17 -2.02 0.00	26.03 -2.18 0.00	26.31 -2.24 0.00	28.52 -2.50 0.00	26.89 -1.92 0.13	26.64 -1.37 0.00	26.70 -0.90 0.00	27.09 -0.69 0.00	27.27 -0.69 22.39	5.44 0.04 37.99	-4.29 0.71 69.38	-38.86 0.54 0.00	26.27 -1.12 0.00	29.56 -1.31 0.00	36.69 -1.99 0.00	38.15 -2.52 0.00	39.73 -2.34 0.00	43.57 -2.70 0.00	34.49 -2.58 5.49	35.73 -2.36 0.00	32.96 -1.81 0.00
CE_DUNWOOD__DRP 24194	30.60 1.42 0.00	31.01 1.39 0.00	29.44 1.34 0.00	29.48 1.30 0.00	29.46 1.25 0.00	29.81 1.26 0.00	32.32 1.29 0.00	30.32 1.37 0.00	29.57 1.37 0.00	29.53 1.46 0.00	29.57 1.58 0.00	29.60 1.65 -4.77	34.20 1.63 -8.09	43.08 1.99 -14.77	46.54 1.79 0.00	29.16 1.78 0.00	32.68 1.81 0.00	40.89 2.20 0.00	42.93 2.26 0.00	44.31 2.23 0.00	48.55 2.28 0.00	44.70 2.13 0.00	40.05 1.96 0.00	36.46 1.70 0.00
CE_MILLWOOD__DRP 24193	30.56 1.38 0.00	30.97 1.35 0.00	29.39 1.29 0.00	29.44 1.26 0.00	29.42 1.21 0.00	29.76 1.21 0.00	32.28 1.26 0.00	30.27 1.33 0.00	29.52 1.32 0.00	29.48 1.41 0.00	29.51 1.52 0.00	29.54 1.58 0.00	34.16 1.57 -4.79	43.05 1.94 -8.13	46.55 1.74 -14.83	29.11 1.73 0.00	32.62 1.76 0.00	40.83 2.14 0.00	42.86 2.19 0.00	44.24 2.17 0.00	48.48 2.21 0.00	44.65 2.08 0.00	39.99 1.91 0.00	36.41 1.65 0.00
CE_NYC2_DRP 24202	30.73 1.54 0.00	31.12 1.50 0.00	29.54 1.44 0.00	29.58 1.39 0.00	29.55 1.34 0.00	29.90 1.35 0.00	32.41 1.39 0.00	30.48 1.53 0.00	29.75 1.55 0.00	29.74 1.67 0.00	29.79 1.80 0.00	29.83 1.88 0.00	34.38 1.82 -4.76	43.26 2.20 -8.07	46.69 1.96 -14.74	29.38 2.00 0.00	32.86 2.00 0.00	41.05 2.37 0.00	43.01 2.34 0.00	44.38 2.30 0.00	48.54 2.28 0.00	44.74 2.17 0.00	40.13 2.05 0.00	36.55 1.79 0.00
CE_NYC_DRP 24195	30.76 1.57 0.00	31.14 1.52 0.00	29.56 1.45 0.00	29.60 1.41 0.00	29.57 1.36 0.00	29.92 1.37 0.00	32.43 1.41 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.72 1.65 0.00	29.77 1.79 0.00	29.82 1.86 0.00	34.40 1.84 -4.76	43.29 2.23 -8.07	46.73 2.00 -14.74	29.38 1.99 0.00	32.89 2.02 0.00	41.13 2.44 0.00	43.13 2.46 0.00	44.51 2.43 0.00	48.72 2.46 0.00	44.89 2.32 0.00	40.22 2.14 0.00	36.62 1.86 0.00
CHAFFEE__LFGE 323603	25.79 -2.28 1.12	27.37 -2.25 0.00	25.72 -2.38 0.00	25.52 -2.66 0.00	25.55 -2.66 0.00	26.15 -2.40 0.00	28.61 -2.42 0.00	26.75 -2.07 0.13	26.71 -1.49 0.00	26.89 -1.18 0.00	26.96 -1.04 0.00	26.85 -1.11 0.00	5.62 -0.38 21.80	-3.67 0.32 36.99	-37.29 0.27 67.54	26.05 -1.34 0.00	28.89 -1.98 0.00	35.65 -3.04 0.00	36.98 -3.69 0.00	38.59 -3.49 0.00	42.37 -3.90 0.00	33.74 -3.51 5.33	34.88 -3.20 0.00	32.26 -2.50 0.00
CHATEAUG_35_KV_LOAD 355732	29.05 -0.14 0.00	29.46 -0.16 0.00	27.90 -0.21 0.00	28.16 -0.02 0.00	28.40 0.19 0.00	28.67 0.12 0.00	31.23 0.21 0.00	29.08 0.13 0.00	28.31 0.11 0.00	28.00 -0.06 0.00	27.82 -0.17 0.00	27.78 -0.17 0.00	27.60 -0.20 0.00	32.67 -0.32 0.00	29.66 -0.32 0.00	27.12 -0.26 0.00	30.73 -0.13 0.00	38.75 0.06 0.00	40.87 0.20 0.00	42.45 0.38 0.00	46.78 0.51 0.00	43.05 0.47 0.00	38.43 0.35 0.00	35.03 0.27 0.00
CHATEAUG_WT_PWR 323614	29.03 -0.15 0.00	29.45 -0.17 0.00	27.89 -0.21 0.00	28.14 -0.05 0.00	28.38 0.17 0.00	28.65 0.10 0.00	31.20 0.18 0.00	29.08 0.14 0.00	28.32 0.12 0.00	28.01 -0.06 0.00	27.83 -0.16 0.00	27.80 -0.16 0.00	27.62 -0.18 0.00	32.70 -0.29 0.00	29.69 -0.30 0.00	27.14 -0.24 0.00	30.76 -0.10 0.00	38.77 0.09 0.00	40.90 0.23 0.00	42.41 0.34 0.00	46.71 0.44 0.00	42.98 0.41 0.00	38.38 0.30 0.00	34.99 0.23 0.00
CHAT_HIGH_FALL_HYD 323578	29.05 -0.14 0.00	29.46 -0.16 0.00	27.90 -0.21 0.00	28.16 -0.02 0.00	28.40 0.19 0.00	28.67 0.12 0.00	31.23 0.21 0.00	29.08 0.13 0.00	28.31 0.11 0.00	28.00 -0.06 0.00	27.82 -0.17 0.00	27.78 -0.17 0.00	27.60 -0.20 0.00	32.67 -0.32 0.00	29.66 -0.32 0.00	27.12 -0.26 0.00	30.73 -0.13 0.00	38.75 0.06 0.00	40.87 0.20 0.00	42.45 0.38 0.00	46.78 0.51 0.00	43.05 0.47 0.00	38.43 0.35 0.00	35.03 0.27 0.00
CHAUTAUQUA__LFGE 323629	26.12 -1.95 1.12	27.85 -1.77 0.00	26.13 -1.97 0.00	25.99 -2.19 0.00	25.94 -2.28 0.00	26.37 -2.18 0.00	28.67 -2.35 0.00	26.87 -1.95 0.13	26.66 -1.54 0.00	26.82 -1.26 0.00	27.08 -0.91 0.00	27.04 -0.91 0.00	5.73 -0.24 21.83	-3.65 0.39 37.03	-37.36 0.28 67.63	26.18 -1.21 0.00	29.29 -1.58 0.00	36.29 -2.40 0.00	37.72 -2.95 0.00	39.29 -2.79 0.00	43.09 -3.18 0.00	34.23 -3.01 5.33	35.41 -2.68 0.00	32.66 -2.10 0.00
CHERRYST_13_KV_LD 356241	30.82 1.64 0.00	31.21 1.60 0.00	29.62 1.52 0.00	29.66 1.47 0.00	29.64 1.43 0.00	29.98 1.43 0.00	32.51 1.49 0.00	30.54 1.59 0.00	29.80 1.61 0.00	29.79 1.72 0.00	29.85 1.86 0.00	29.89 1.94 0.00	34.47 1.92 -4.76	43.39 2.33 -8.07	46.82 2.09 -14.74	29.45 2.07 0.00	32.98 2.11 0.00	41.23 2.55 0.00	43.24 2.57 0.00	44.63 2.56 0.00	48.85 2.58 0.00	45.01 2.44 0.00	40.32 2.24 0.00	36.70 1.94 0.00

CHESTROR_138KV_BK263 355645	30.59 1.27 -0.13	30.86 1.25 0.00	29.30 1.20 0.00	29.35 1.17 0.00	29.34 1.13 0.00	29.68 1.13 0.00	32.20 1.17 0.00	30.18 1.23 -0.01	29.41 1.21 0.00	29.36 1.29 0.00	29.36 1.38 0.00	29.39 1.44 0.00	34.47 1.44 -5.24	43.70 1.83 -8.88	47.85 1.65 -16.21	29.01 1.62 0.00	32.53 1.66 0.00	40.72 2.03 0.00	42.76 2.09 0.00	44.16 2.08 0.00	48.41 2.14 0.00	44.56 1.99 0.00	39.89 1.81 0.00	36.33 1.56 0.00
CH_MIDHUDSON__DRP 24192	30.57 1.39 0.00	30.98 1.36 0.00	29.43 1.33 0.00	29.48 1.29 0.00	29.46 1.25 0.00	29.79 1.24 0.00	32.32 1.30 0.00	30.27 1.33 0.00	29.52 1.33 0.00	29.47 1.40 0.00	29.49 1.50 0.00	29.50 1.55 0.00	34.01 1.54 -4.68	42.82 1.89 -7.94	46.17 1.69 -14.50	29.06 1.68 0.00	32.62 1.76 0.00	40.84 2.16 0.00	42.93 2.26 0.00	44.29 2.22 0.00	48.58 2.31 0.00	44.73 2.16 0.00	40.03 1.95 0.00	36.46 1.69 0.00
CH_MISC_IPPS 23765	30.73 1.54 0.00	31.13 1.51 0.00	29.55 1.44 0.00	29.60 1.42 0.00	29.59 1.38 0.00	29.93 1.38 0.00	32.48 1.46 0.00	30.42 1.48 0.00	29.68 1.48 0.00	29.64 1.57 0.00	29.67 1.68 0.00	29.70 1.74 0.00	34.38 1.73 -4.85	43.36 2.15 -8.22	46.93 1.94 -15.01	29.28 1.89 0.00	32.84 1.98 0.00	41.12 2.44 0.00	43.21 2.54 0.00	44.60 2.53 0.00	48.90 2.63 0.00	44.99 2.42 0.00	40.27 2.19 0.00	36.65 1.89 0.00
CH_RES_BVR_FALLS 23983	29.10 -0.08 0.00	29.55 -0.06 0.00	28.03 -0.07 0.00	28.13 -0.06 0.00	28.18 -0.04 0.00	28.51 -0.04 0.00	30.98 -0.04 0.00	28.92 -0.03 0.00	28.17 -0.03 0.00	28.02 -0.06 0.00	27.93 -0.06 0.00	27.90 -0.06 0.00	27.73 -0.07 0.00	32.89 -0.10 0.00	29.89 -0.10 0.00	27.30 -0.08 0.00	30.79 -0.07 0.00	38.64 -0.04 0.00	40.63 -0.04 0.00	42.08 0.00 0.00	46.27 0.00 0.00	42.57 0.00 0.00	38.08 0.00 0.00	34.76 0.00 0.00
CH_RES_NIAGARA 23895	25.41 -2.83 0.95	26.76 -2.86 0.00	25.13 -2.97 0.00	24.94 -3.24 0.00	24.99 -3.22 0.00	25.60 -2.96 0.00	28.08 -2.94 0.00	26.34 -2.49 0.11	26.29 -1.91 0.00	26.49 -1.58 0.00	26.53 -1.46 0.00	26.41 -1.54 0.00	8.30 -0.68 18.82	1.20 0.13 31.92	-28.26 0.05 58.30	25.71 -1.67 0.00	28.26 -2.61 0.00	34.73 -3.95 0.00	35.94 -4.73 0.00	37.56 -4.51 0.00	41.28 -4.98 0.00	33.72 -4.37 4.48	34.07 -4.01 0.00	31.59 -3.17 0.00
CH_RES_SYRACUSE 23985	28.62 -0.40 0.16	29.19 -0.42 0.00	27.69 -0.41 0.00	27.75 -0.43 0.00	27.77 -0.43 0.00	28.13 -0.42 0.00	30.57 -0.45 0.00	28.51 -0.42 0.02	27.83 -0.37 0.00	27.76 -0.31 0.00	27.71 -0.27 0.00	27.65 -0.31 0.00	22.21 -0.33 5.26	23.63 -0.43 8.92	13.29 -0.39 16.30	26.95 -0.44 0.00	30.36 -0.50 0.00	37.99 -0.69 0.00	39.89 -0.78 0.00	41.34 -0.74 0.00	45.42 -0.84 0.00	41.71 -0.86 0.00	37.29 -0.79 0.00	34.05 -0.72 0.00
CLINTON_WT_PWR 323605	29.03 -0.15 0.00	29.45 -0.17 0.00	27.89 -0.21 0.00	28.14 -0.05 0.00	28.38 0.17 0.00	28.65 0.10 0.00	31.20 0.18 0.00	29.08 0.14 0.00	28.32 0.12 0.00	28.01 -0.06 0.00	27.83 -0.16 0.00	27.80 -0.16 0.00	27.62 -0.18 0.00	32.70 -0.29 0.00	29.69 -0.30 0.00	27.14 -0.24 0.00	30.76 -0.10 0.00	38.77 0.09 0.00	40.90 0.23 0.00	42.41 0.34 0.00	46.71 0.44 0.00	42.98 0.41 0.00	38.38 0.30 0.00	34.99 0.23 0.00
CLINTON__LFGE 323618	29.31 0.13 0.00	29.72 0.10 0.00	28.16 0.06 0.00	28.39 0.20 0.00	28.64 0.42 0.00	28.93 0.37 0.00	31.51 0.48 0.00	29.31 0.37 0.00	28.51 0.31 0.00	28.16 0.09 0.00	27.96 -0.03 0.00	27.91 -0.04 0.00	27.73 -0.07 0.00	32.82 -0.17 0.00	29.80 -0.19 0.00	27.25 -0.14 0.00	30.93 0.07 0.00	39.03 0.35 0.00	41.24 0.58 0.00	42.81 0.74 0.00	47.19 0.93 0.00	43.46 0.89 0.00	38.77 0.69 0.00	35.32 0.56 0.00
COBBLENY_34_KV_TB1 80064	25.80 -2.27 1.12	27.36 -2.25 0.00	25.69 -2.41 0.00	25.53 -2.66 0.00	25.55 -2.66 0.00	26.15 -2.40 0.00	28.61 -2.42 0.00	26.76 -2.06 0.13	26.71 -1.49 0.00	26.89 -1.18 0.00	26.96 -1.03 0.00	26.85 -1.11 0.00	5.71 -0.29 21.80	-3.52 0.47 36.99	-37.17 0.38 67.54	26.05 -1.34 0.00	28.89 -1.97 0.00	35.65 -3.03 0.00	36.99 -3.68 0.00	38.59 -3.48 0.00	42.37 -3.89 0.00	33.74 -3.50 5.33	34.89 -3.19 0.00	32.26 -2.50 0.00
COFFEEN__115KV_TB3 355620	27.40 -1.78 0.00	28.29 -1.33 0.00	26.75 -1.36 0.00	27.03 -1.15 0.00	27.09 -1.12 0.00	27.38 -1.17 0.00	29.62 -1.40 0.00	27.15 -1.79 0.00	25.83 -2.37 0.00	25.74 -2.33 0.00	25.70 -2.29 0.00	25.70 -2.25 0.00	25.68 -2.12 0.00	30.51 -2.48 0.00	27.90 -2.09 0.00	25.52 -1.86 0.00	29.35 -1.52 0.00	37.58 -1.10 0.00	39.87 -0.80 0.00	41.57 -0.50 0.00	45.84 -0.43 0.00	42.15 -0.42 0.00	37.55 -0.54 0.00	34.11 -0.66 0.00
COLDSRPG_115KV_BK1 355956	26.42 -1.57 1.20	28.21 -1.40 0.00	26.51 -1.60 0.00	26.36 -1.82 0.00	26.30 -1.91 0.00	26.77 -1.78 0.00	29.12 -1.91 0.00	27.33 -1.48 0.14	27.09 -1.10 0.00	27.21 -0.86 0.00	27.37 -0.61 0.00	27.37 -0.59 0.00	4.76 0.25 23.28	-5.52 0.99 39.50	-41.31 0.84 72.14	26.51 -0.88 0.00	29.71 -1.16 0.00	36.82 -1.87 0.00	38.27 -2.40 0.00	39.93 -2.15 0.00	43.82 -2.45 0.00	34.49 -2.34 5.75	35.93 -2.16 0.00	33.11 -1.65 0.00
COLONIE_LFGE__ 323577	30.19 1.01 0.00	30.61 0.99 0.00	29.06 0.95 0.00	29.15 0.96 0.00	29.17 0.95 0.00	29.50 0.95 0.00	32.01 0.99 0.00	29.80 0.86 0.00	28.98 0.78 0.00	28.81 0.74 0.00	28.66 0.67 0.00	28.64 0.69 0.00	31.80 0.66 -3.34	39.45 0.79 -5.67	41.11 0.73 -10.39	28.25 0.86 0.00	31.92 1.06 0.00	39.96 1.27 0.00	42.16 1.50 0.00	43.45 1.37 0.00	47.86 1.59 0.00	44.09 1.52 0.00	39.47 1.38 0.00	36.01 1.24 0.00
COOPERNY_115KV_TB1 80082	30.55 1.19 -0.17	30.78 1.16 0.00	29.20 1.10 0.00	29.27 1.08 0.00	29.26 1.05 0.00	29.59 1.04 0.00	32.10 1.08 0.00	30.09 1.12 -0.02	29.30 1.10 0.00	29.24 1.17 0.00	29.24 1.25 0.00	29.26 1.30 0.00	38.63 1.35 -9.49	50.82 1.73 -16.09	60.91 1.56 -29.36	28.93 1.55 0.00	32.47 1.60 0.00	40.67 1.99 0.00	42.72 2.05 0.00	44.11 2.04 0.00	48.37 2.11 0.00	44.53 1.96 0.00	39.88 1.80 0.00	36.31 1.55 0.00
COPENHAGEN_WT_PWR 323753	27.07 -2.12 0.00	28.01 -1.61 0.00	26.48 -1.62 0.00	26.81 -1.38 0.00	26.87 -1.34 0.00	27.11 -1.44 0.00	29.33 -1.69 0.00	26.89 -2.05 0.00	25.68 -2.52 0.00	25.63 -2.44 0.00	25.63 -2.36 0.00	25.69 -2.26 0.00	25.67 -2.12 0.00	30.52 -2.48 0.00	27.90 -2.08 0.00	25.52 -1.87 0.00	29.27 -1.59 0.00	37.37 -1.32 0.00	39.59 -1.08 0.00	41.24 -0.84 0.00	45.43 -0.84 0.00	41.78 -0.79 0.00	37.24 -0.84 0.00	33.87 -0.89 0.00
CORNELL____ 23752	28.77 0.10 0.52	29.67 0.05 0.00	28.10 -0.01 0.00	28.16 -0.03 0.00	28.20 -0.02 0.00	28.59 0.04 0.00	31.07 0.04 0.00	28.95 0.07 0.06	28.35 0.15 0.00	28.30 0.22 0.00	28.25 0.26 0.00	28.16 0.21 0.00	18.23 0.06 9.63	16.54 -0.11 16.34	0.07 -0.06 29.85	27.24 -0.14 0.00	30.75 -0.11 0.00	38.55 -0.14 0.00	40.51 -0.16 0.00	42.07 -0.01 0.00	46.21 -0.06 0.00	40.51 -0.22 1.84	37.84 -0.25 0.00	34.54 -0.22 0.00

CORONA_69_KV_TB1 355595	44.05 1.97 -12.90	35.75 1.95 -4.18	31.77 1.86 -1.81	34.21 1.83 -4.20	31.75 1.77 -1.77	37.10 1.79 -6.76	32.75 1.73 0.00	30.66 1.72 0.00	29.82 1.62 0.00	30.54 1.73 -0.74	56.33 2.06 -26.28	60.55 2.13 -30.46	51.71 2.06 -21.86	43.13 2.07 -8.07	46.39 1.78 -14.62	29.26 1.87 0.00	32.86 2.00 0.00	41.23 2.54 0.00	53.75 2.78 -10.30	44.82 2.74 0.00	49.13 2.85 -0.01	58.04 2.76 -12.70	56.36 2.55 -15.72	55.17 2.26 -18.14
CORTLAND_115KV_TB3 80093	29.22 0.03 0.00	29.63 0.01 0.00	28.09 -0.01 0.00	28.17 -0.02 0.00	28.19 -0.03 0.00	28.55 0.00 0.00	31.02 0.00 0.00	28.95 0.01 0.00	28.24 0.04 0.00	28.18 0.11 0.00	28.12 0.13 0.00	28.07 0.11 0.00	22.77 -0.07 4.97	24.31 -0.26 8.43	14.36 -0.23 15.40	27.15 -0.23 0.00	30.65 -0.21 0.00	38.41 -0.28 0.00	40.36 -0.31 0.00	41.85 -0.22 0.00	45.97 -0.29 0.00	42.19 -0.38 0.00	37.71 -0.37 0.00	34.42 -0.34 0.00
COXSACKIE___GT 23611	30.81 1.62 0.00	31.23 1.62 0.00	29.65 1.55 0.00	29.76 1.58 0.00	29.77 1.56 0.00	30.15 1.60 0.00	32.78 1.76 0.00	30.51 1.56 0.00	29.47 1.27 0.00	29.30 1.23 0.00	29.06 1.07 0.00	29.00 1.05 0.00	32.52 0.91 -3.81	40.54 1.09 -6.46	42.94 1.15 -11.81	28.82 1.43 0.00	32.73 1.86 0.00	41.11 2.43 0.00	43.37 2.70 0.00	44.80 2.72 0.00	49.26 3.00 0.00	45.30 2.73 0.00	40.47 2.38 0.00	36.88 2.12 0.00
CPV_VALLEY___CC1 323721	30.51 1.19 -0.14	30.77 1.16 0.00	29.21 1.10 0.00	29.27 1.09 0.00	29.26 1.05 0.00	29.59 1.04 0.00	32.10 1.08 0.00	30.09 1.13 -0.02	29.31 1.11 0.00	29.26 1.19 0.00	29.27 1.28 0.00	29.28 1.33 0.00	34.79 1.35 -5.64	44.28 1.73 -9.56	48.99 1.55 -17.45	28.91 1.52 0.00	32.42 1.55 0.00	40.59 1.90 0.00	42.63 1.96 0.00	44.02 1.94 0.00	48.26 1.99 0.00	44.43 1.86 0.00	39.78 1.70 0.00	36.23 1.46 0.00
CPV_VALLEY___CC2 323722	30.51 1.19 -0.14	30.77 1.16 0.00	29.21 1.10 0.00	29.27 1.09 0.00	29.26 1.05 0.00	29.59 1.04 0.00	32.10 1.08 0.00	30.09 1.13 -0.02	29.31 1.11 0.00	29.26 1.19 0.00	29.27 1.28 0.00	29.28 1.33 0.00	34.79 1.35 -5.64	44.28 1.73 -9.56	48.99 1.55 -17.45	28.91 1.52 0.00	32.42 1.55 0.00	40.59 1.90 0.00	42.63 1.96 0.00	44.02 1.94 0.00	48.26 1.99 0.00	44.43 1.86 0.00	39.78 1.70 0.00	36.23 1.46 0.00
CRESCENT___HYD 24018	30.19 1.01 0.00	30.61 0.99 0.00	29.06 0.95 0.00	29.15 0.96 0.00	29.17 0.95 0.00	29.50 0.95 0.00	32.01 0.99 0.00	29.80 0.86 0.00	28.98 0.78 0.00	28.81 0.74 0.00	28.66 0.67 0.00	28.64 0.69 0.00	31.80 0.66 -3.34	39.45 0.79 -5.67	41.11 0.73 -10.39	28.25 0.86 0.00	31.92 1.06 0.00	39.96 1.27 0.00	42.16 1.50 0.00	43.45 1.37 0.00	47.86 1.59 0.00	44.09 1.52 0.00	39.47 1.38 0.00	36.01 1.24 0.00
CRICKET___VALLEY_CC1 323756	30.33 1.14 0.00	30.73 1.11 0.00	29.23 1.13 0.00	29.25 1.06 0.00	29.24 1.03 0.00	29.54 0.99 0.00	32.05 1.03 0.00	30.00 1.06 0.00	29.30 1.10 0.00	29.23 1.16 0.00	29.22 1.23 0.00	29.23 1.27 0.00	33.42 1.19 -4.43	41.99 1.49 -7.51	44.98 1.29 -13.71	28.74 1.35 0.00	32.26 1.40 0.00	40.43 1.75 0.00	42.53 1.86 0.00	43.85 1.77 0.00	48.12 1.86 0.00	44.31 1.74 0.00	39.66 1.58 0.00	36.13 1.36 0.00
CRICKET___VALLEY_CC2 323757	30.33 1.14 0.00	30.73 1.11 0.00	29.23 1.13 0.00	29.25 1.06 0.00	29.24 1.03 0.00	29.54 0.99 0.00	32.05 1.03 0.00	30.00 1.06 0.00	29.30 1.10 0.00	29.23 1.16 0.00	29.22 1.23 0.00	29.23 1.27 0.00	33.42 1.19 -4.43	41.99 1.49 -7.51	44.98 1.29 -13.71	28.74 1.35 0.00	32.26 1.40 0.00	40.43 1.75 0.00	42.53 1.86 0.00	43.85 1.77 0.00	48.12 1.86 0.00	44.31 1.74 0.00	39.66 1.58 0.00	36.13 1.36 0.00
CRICKET___VALLEY_CC3 323758	30.33 1.14 0.00	30.73 1.11 0.00	29.23 1.13 0.00	29.25 1.06 0.00	29.24 1.03 0.00	29.54 0.99 0.00	32.05 1.03 0.00	30.00 1.06 0.00	29.30 1.10 0.00	29.23 1.16 0.00	29.22 1.23 0.00	29.23 1.27 0.00	33.42 1.19 -4.43	41.99 1.49 -7.51	44.98 1.29 -13.71	28.74 1.35 0.00	32.26 1.40 0.00	40.43 1.75 0.00	42.53 1.86 0.00	43.85 1.77 0.00	48.12 1.86 0.00	44.31 1.74 0.00	39.66 1.58 0.00	36.13 1.36 0.00
CRUCIBLE_METL_DRP 24180	28.62 -0.40 0.16	29.20 -0.42 0.00	27.69 -0.41 0.00	27.75 -0.43 0.00	27.77 -0.43 0.00	28.13 -0.42 0.00	30.57 -0.45 0.00	28.51 -0.42 0.02	27.83 -0.37 0.00	27.76 -0.31 0.00	27.71 -0.27 0.00	27.65 -0.31 0.00	22.21 -0.32 5.26	23.64 -0.42 8.92	13.31 -0.37 16.30	26.95 -0.44 0.00	30.36 -0.50 0.00	37.99 -0.69 0.00	39.89 -0.78 0.00	41.34 -0.74 0.00	45.42 -0.84 0.00	41.71 -0.86 0.00	37.29 -0.79 0.00	34.05 -0.72 0.00
DAHOWA___HYDRO 323763	30.51 1.32 0.00	30.93 1.31 0.00	29.36 1.26 0.00	29.45 1.26 0.00	29.48 1.27 0.00	29.83 1.28 0.00	32.38 1.36 0.00	30.05 1.11 0.00	29.10 0.90 0.00	28.90 0.83 0.00	28.77 0.78 0.00	28.70 0.75 0.00	31.94 0.70 -3.45	39.70 0.85 -5.86	41.57 0.83 -10.76	28.44 1.06 0.00	32.32 1.45 0.00	40.58 1.90 0.00	42.83 2.16 0.00	44.15 2.07 0.00	48.64 2.37 0.00	44.83 2.26 0.00	40.08 2.00 0.00	36.51 1.75 0.00
DANC___LFGE 323619	27.26 -1.93 0.00	28.09 -1.53 0.00	26.57 -1.53 0.00	26.85 -1.34 0.00	26.89 -1.32 0.00	27.16 -1.39 0.00	29.35 -1.67 0.00	26.97 -1.97 0.00	25.84 -2.36 0.00	25.82 -2.25 0.00	25.84 -2.15 0.00	25.87 -2.09 0.00	25.83 -1.97 0.00	30.68 -2.31 0.00	28.01 -1.98 0.00	25.55 -1.84 0.00	29.19 -1.67 0.00	37.17 -1.52 0.00	39.33 -1.34 0.00	40.93 -1.14 0.00	45.08 -1.18 0.00	41.51 -1.06 0.00	37.08 -1.01 0.00	33.73 -1.03 0.00
DANSKAMMER___1 23586	30.73 1.54 0.00	31.13 1.51 0.00	29.55 1.44 0.00	29.60 1.42 0.00	29.59 1.38 0.00	29.93 1.38 0.00	32.48 1.46 0.00	30.42 1.48 0.00	29.68 1.48 0.00	29.64 1.57 0.00	29.67 1.68 0.00	29.70 1.74 0.00	34.38 1.73 -4.85	43.36 2.15 -8.22	46.93 1.94 -15.01	29.28 1.89 0.00	32.84 1.98 0.00	41.12 2.44 0.00	43.21 2.54 0.00	44.60 2.53 0.00	48.90 2.63 0.00	44.99 2.42 0.00	40.27 2.19 0.00	36.65 1.89 0.00
DANSKAMMER___2 23589	30.73 1.54 0.00	31.13 1.51 0.00	29.55 1.44 0.00	29.60 1.42 0.00	29.59 1.38 0.00	29.93 1.38 0.00	32.48 1.46 0.00	30.42 1.48 0.00	29.68 1.48 0.00	29.64 1.57 0.00	29.67 1.68 0.00	29.70 1.74 0.00	34.38 1.73 -4.85	43.36 2.15 -8.22	46.93 1.94 -15.01	29.28 1.89 0.00	32.84 1.98 0.00	41.12 2.44 0.00	43.21 2.54 0.00	44.60 2.53 0.00	48.90 2.63 0.00	44.99 2.42 0.00	40.27 2.19 0.00	36.65 1.89 0.00
DANSKAMMER___3 23590	30.73 1.54 0.00	31.13 1.51 0.00	29.55 1.44 0.00	29.60 1.42 0.00	29.59 1.38 0.00	29.93 1.38 0.00	32.48 1.46 0.00	30.42 1.48 0.00	29.68 1.48 0.00	29.64 1.57 0.00	29.67 1.68 0.00	29.70 1.74 0.00	34.38 1.73 -4.85	43.36 2.15 -8.22	46.93 1.94 -15.01	29.28 1.89 0.00	32.84 1.98 0.00	41.12 2.44 0.00	43.21 2.54 0.00	44.60 2.53 0.00	48.90 2.63 0.00	44.99 2.42 0.00	40.27 2.19 0.00	36.65 1.89 0.00

DANSKAMMER___4 23591	30.73 1.54 0.00	31.13 1.51 0.00	29.55 1.44 0.00	29.60 1.42 0.00	29.59 1.38 0.00	29.93 1.38 0.00	32.48 1.46 0.00	30.42 1.48 0.00	29.68 1.48 0.00	29.64 1.57 0.00	29.67 1.68 0.00	29.70 1.74 0.00	34.38 1.73 -4.85	43.36 2.15 -8.22	46.93 1.94 -15.01	29.28 1.89 0.00	32.84 1.98 0.00	41.12 2.44 0.00	43.21 2.54 0.00	44.60 2.53 0.00	48.90 2.63 0.00	44.99 2.42 0.00	40.27 2.19 0.00	36.65 1.89 0.00
DANSKAMMER___DIESEL 23592	30.73 1.54 0.00	31.13 1.51 0.00	29.55 1.45 0.00	29.60 1.42 0.00	29.59 1.38 0.00	29.93 1.38 0.00	32.48 1.45 0.00	30.43 1.48 0.00	29.68 1.49 0.00	29.65 1.58 0.00	29.67 1.68 0.00	29.70 1.74 0.00	34.38 1.73 -4.85	43.35 2.14 -8.22	46.92 1.93 -15.01	29.27 1.89 0.00	32.84 1.98 0.00	41.12 2.43 0.00	43.21 2.54 0.00	44.60 2.52 0.00	48.89 2.63 0.00	44.99 2.42 0.00	40.28 2.19 0.00	36.66 1.89 0.00
DARBY___SOLAR 323810	30.42 1.24 0.00	30.87 1.25 0.00	29.29 1.19 0.00	29.38 1.19 0.00	29.41 1.19 0.00	29.76 1.21 0.00	32.30 1.28 0.00	29.99 1.04 0.00	29.07 0.88 0.00	28.87 0.80 0.00	28.73 0.74 0.00	28.67 0.72 0.00	31.90 0.68 -3.43	39.63 0.81 -5.82	41.49 0.81 -10.69	28.40 1.01 0.00	32.23 1.37 0.00	40.45 1.76 0.00	42.68 2.01 0.00	44.00 1.93 0.00	48.47 2.21 0.00	44.66 2.10 0.00	39.95 1.86 0.00	36.41 1.65 0.00
DASHVILLE___HYD 23610	30.54 1.36 0.00	30.95 1.33 0.00	29.38 1.28 0.00	29.45 1.27 0.00	29.43 1.22 0.00	29.75 1.20 0.00	32.30 1.27 0.00	30.27 1.33 0.00	29.52 1.33 0.00	29.47 1.40 0.00	29.48 1.50 0.00	29.52 1.56 0.00	34.45 1.58 -5.08	43.55 1.94 -8.62	47.45 1.72 -15.74	29.06 1.67 0.00	32.61 1.75 0.00	40.83 2.15 0.00	42.90 2.24 0.00	44.28 2.20 0.00	48.56 2.29 0.00	44.71 2.14 0.00	40.01 1.93 0.00	36.39 1.63 0.00
DELAWARE___LFGE 323621	30.23 0.70 -0.35	30.30 0.69 0.00	28.71 0.61 0.00	28.83 0.64 0.00	28.85 0.64 0.00	29.15 0.60 0.00	31.67 0.65 0.00	29.62 0.64 -0.04	28.84 0.64 0.00	28.75 0.67 0.00	28.70 0.71 0.00	28.69 0.74 0.00	60.31 0.90 -31.61	87.82 1.24 -53.59	128.73 1.15 -97.59	28.37 0.98 0.00	31.96 1.09 0.00	40.03 1.35 0.00	42.08 1.41 0.00	43.51 1.43 0.00	47.76 1.50 0.00	45.66 1.42 -1.67	39.34 1.26 0.00	35.86 1.10 0.00
DERFIELD_115KV_TB7 355931	29.23 0.05 0.00	29.66 0.04 0.00	28.14 0.04 0.00	28.23 0.05 0.00	28.24 0.03 0.00	28.58 0.03 0.00	31.03 0.01 0.00	28.95 0.00 0.00	28.19 -0.01 0.00	28.07 0.00 0.00	27.99 0.00 0.00	27.96 0.00 0.00	27.82 0.02 0.00	33.03 0.03 0.00	30.03 0.04 0.00	27.46 0.07 0.00	30.95 0.08 0.00	38.80 0.12 0.00	40.79 0.12 0.00	42.16 0.09 0.00	46.36 0.09 0.00	42.66 0.09 0.00	38.17 0.08 0.00	34.83 0.07 0.00
DOGLEVILLE___HYD 23807	29.64 0.46 0.00	30.05 0.43 0.00	28.41 0.31 0.00	28.51 0.32 0.00	28.51 0.30 0.00	28.82 0.27 0.00	31.23 0.20 0.00	28.85 -0.10 0.00	27.88 -0.31 0.00	27.74 -0.33 0.00	27.51 -0.48 0.00	27.54 -0.42 0.00	27.42 -0.38 0.00	32.57 -0.42 0.00	29.78 -0.20 0.00	27.61 0.23 0.00	31.38 0.52 0.00	39.47 0.78 0.00	41.72 1.05 0.00	43.14 1.07 0.00	47.43 1.16 0.00	43.67 1.09 0.00	39.17 1.08 0.00	35.67 0.91 0.00
DUNKIRK___115KV_TB_200 55889	26.10 -1.97 1.12	27.81 -1.81 0.00	26.08 -2.02 0.00	25.96 -2.23 0.00	25.91 -2.30 0.00	26.37 -2.18 0.00	28.68 -2.35 0.00	26.87 -1.95 0.13	26.66 -1.53 0.00	26.81 -1.26 0.00	27.05 -0.94 0.00	27.00 -0.95 0.00	5.85 -0.17 21.78	-3.45 0.50 36.94	-37.09 0.39 67.46	26.16 -1.23 0.00	29.24 -1.62 0.00	36.22 -2.47 0.00	37.65 -3.01 0.00	39.22 -2.85 0.00	43.02 -3.25 0.00	34.18 -3.07 5.32	35.36 -2.72 0.00	32.62 -2.14 0.00
DUNKIRK___1 23563	26.10 -1.97 1.12	27.81 -1.81 0.00	26.08 -2.02 0.00	25.96 -2.23 0.00	25.91 -2.30 0.00	26.37 -2.18 0.00	28.68 -2.35 0.00	26.87 -1.95 0.13	26.66 -1.53 0.00	26.81 -1.26 0.00	27.05 -0.94 0.00	27.00 -0.95 0.00	5.85 -0.17 21.78	-3.45 0.50 36.94	-37.09 0.39 67.46	26.16 -1.23 0.00	29.24 -1.62 0.00	36.22 -2.47 0.00	37.65 -3.01 0.00	39.22 -2.85 0.00	43.02 -3.25 0.00	34.18 -3.07 5.32	35.36 -2.72 0.00	32.62 -2.14 0.00
DUNKIRK___2 23564	26.10 -1.97 1.12	27.81 -1.81 0.00	26.08 -2.02 0.00	25.96 -2.23 0.00	25.91 -2.30 0.00	26.37 -2.18 0.00	28.68 -2.35 0.00	26.87 -1.95 0.13	26.66 -1.53 0.00	26.81 -1.26 0.00	27.05 -0.94 0.00	27.00 -0.95 0.00	5.85 -0.17 21.78	-3.45 0.50 36.94	-37.09 0.39 67.46	26.16 -1.23 0.00	29.24 -1.62 0.00	36.22 -2.47 0.00	37.65 -3.01 0.00	39.22 -2.85 0.00	43.02 -3.25 0.00	34.18 -3.07 5.32	35.36 -2.72 0.00	32.62 -2.14 0.00
DUNKIRK___3 23565	26.02 -2.06 1.11	27.67 -1.95 0.00	25.97 -2.13 0.00	25.84 -2.34 0.00	25.82 -2.39 0.00	26.32 -2.23 0.00	28.66 -2.36 0.00	26.83 -2.00 0.13	26.64 -1.56 0.00	26.80 -1.28 0.00	26.97 -1.03 0.00	26.89 -1.06 0.00	5.87 -0.27 21.66	-3.35 0.40 36.75	-36.82 0.30 67.11	26.08 -1.30 0.00	29.09 -1.78 0.00	36.00 -2.69 0.00	37.40 -3.27 0.00	38.98 -3.09 0.00	42.77 -3.50 0.00	34.02 -3.27 5.29	35.17 -2.92 0.00	32.46 -2.31 0.00
DUNKIRK___4 23566	26.02 -2.06 1.11	27.67 -1.95 0.00	25.97 -2.13 0.00	25.84 -2.34 0.00	25.82 -2.39 0.00	26.32 -2.23 0.00	28.66 -2.36 0.00	26.83 -2.00 0.13	26.64 -1.56 0.00	26.80 -1.28 0.00	26.97 -1.03 0.00	26.89 -1.06 0.00	5.87 -0.27 21.66	-3.35 0.40 36.75	-36.82 0.30 67.11	26.08 -1.30 0.00	29.09 -1.78 0.00	36.00 -2.69 0.00	37.40 -3.27 0.00	38.98 -3.09 0.00	42.77 -3.50 0.00	34.02 -3.27 5.29	35.17 -2.92 0.00	32.46 -2.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.68 1.50 0.00	31.07 1.46 0.00	29.50 1.40 0.00	29.54 1.36 0.00	29.52 1.31 0.00	29.87 1.32 0.00	32.38 1.36 0.00	30.39 1.44 0.00	29.64 1.44 0.00	29.61 1.54 0.00	29.66 1.67 0.00	29.69 1.74 0.00	34.27 1.71 -4.76	43.15 2.08 -8.07	46.59 1.86 -14.74	29.24 1.86 0.00	32.76 1.90 0.00	41.00 2.31 0.00	43.03 2.36 0.00	44.41 2.34 0.00	48.65 2.39 0.00	44.82 2.25 0.00	40.15 2.06 0.00	36.55 1.79 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.71 1.41 -0.12	30.99 1.37 0.00	29.42 1.31 0.00	29.47 1.29 0.00	29.46 1.24 0.00	29.80 1.25 0.00	32.33 1.31 0.00	30.31 1.35 -0.01	29.54 1.34 0.00	29.50 1.43 0.00	29.53 1.53 0.00	29.55 1.59 0.00	34.51 1.60 -5.12	43.66 1.99 -8.68	47.63 1.80 -15.84	29.14 1.76 0.00	32.69 1.82 0.00	40.92 2.24 0.00	42.99 2.33 0.00	44.38 2.31 0.00	48.66 2.39 0.00	44.78 2.21 0.00	40.08 2.00 0.00	36.48 1.72 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.72 1.54 0.00	31.12 1.50 0.00	29.53 1.43 0.00	29.58 1.40 0.00	29.55 1.34 0.00	29.90 1.35 0.00	32.42 1.40 0.00	30.47 1.52 0.00	29.72 1.52 0.00	29.71 1.64 0.00	29.77 1.78 0.00	29.80 1.85 0.00	34.36 1.81 -4.76	43.28 2.22 -8.07	46.72 1.99 -14.74	29.39 2.00 0.00	32.86 2.00 0.00	41.08 2.40 0.00	43.02 2.35 0.00	44.39 2.31 0.00	48.58 2.31 0.00	44.81 2.24 0.00	40.16 2.08 0.00	36.55 1.79 0.00

E179THST_13_KV_LOAD 356214	30.84 1.65 0.00	31.23 1.61 0.00	29.64 1.54 0.00	29.67 1.49 0.00	29.65 1.44 0.00	30.00 1.45 0.00	32.53 1.51 0.00	30.57 1.63 0.00	29.83 1.63 0.00	29.82 1.75 0.00	29.88 1.89 0.00	29.92 1.97 0.00	34.49 1.93 -4.76	43.44 2.37 -8.07	46.85 2.13 -14.74	29.51 2.13 0.00	33.00 2.13 0.00	41.27 2.59 0.00	43.19 2.52 0.00	44.58 2.51 0.00	48.77 2.51 0.00	44.99 2.41 0.00	40.32 2.23 0.00	36.68 1.92 0.00
EAST HAMPTON___GT 23717	39.25 2.65 -7.42	36.59 2.79 -4.18	32.64 2.73 -1.81	35.11 2.73 -4.20	32.47 2.48 -1.77	37.76 2.45 -6.76	33.36 2.34 0.00	31.48 2.54 0.00	30.51 2.31 0.00	30.56 2.12 -0.36	43.15 2.42 -12.74	45.24 2.51 -14.77	43.33 2.49 -13.05	46.36 2.31 -11.05	48.74 1.91 -16.85	31.30 2.10 -1.82	35.73 2.36 -2.50	45.94 3.18 -4.08	55.16 4.02 -10.47	50.79 3.94 -4.77	56.09 4.23 -5.59	59.04 4.25 -12.22	54.79 4.02 -12.69	47.13 3.57 -8.79
EAST RIVER___6 23660	30.76 1.57 0.00	31.13 1.52 0.00	29.55 1.44 0.00	29.59 1.41 0.00	29.56 1.35 0.00	29.91 1.36 0.00	32.40 1.38 0.00	30.45 1.50 0.00	29.72 1.52 0.00	29.72 1.65 0.00	29.76 1.78 0.00	29.81 1.86 0.00	34.41 1.85 -4.76	43.32 2.26 -8.07	46.75 2.03 -14.74	29.38 1.99 0.00	32.89 2.02 0.00	41.13 2.44 0.00	43.14 2.47 0.00	44.51 2.43 0.00	48.71 2.45 0.00	44.89 2.31 0.00	40.21 2.12 0.00	36.60 1.83 0.00
EAST RIVER___7 23524	30.76 1.57 0.00	31.13 1.52 0.00	29.55 1.44 0.00	29.59 1.41 0.00	29.56 1.35 0.00	29.91 1.36 0.00	32.40 1.38 0.00	30.45 1.50 0.00	29.72 1.52 0.00	29.72 1.65 0.00	29.76 1.78 0.00	29.81 1.86 0.00	34.41 1.85 -4.76	43.32 2.26 -8.07	46.75 2.03 -14.74	29.38 1.99 0.00	32.89 2.02 0.00	41.13 2.44 0.00	43.14 2.47 0.00	44.51 2.43 0.00	48.71 2.45 0.00	44.89 2.31 0.00	40.21 2.12 0.00	36.60 1.83 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.60 1.42 0.00	31.01 1.39 0.00	29.44 1.34 0.00	29.48 1.30 0.00	29.46 1.25 0.00	29.81 1.26 0.00	32.32 1.29 0.00	30.32 1.37 0.00	29.57 1.37 0.00	29.53 1.46 0.00	29.57 1.58 0.00	29.60 1.65 0.00	34.20 1.63 -4.77	43.08 1.99 -8.09	46.54 1.79 -14.77	29.16 1.78 0.00	32.68 1.81 0.00	40.89 2.20 0.00	42.93 2.26 0.00	44.31 2.23 0.00	48.55 2.28 0.00	44.70 2.13 0.00	40.05 1.96 0.00	36.46 1.70 0.00
EAST_HAMPTON___DIESEL 23722	39.25 2.64 -7.42	36.59 2.79 -4.18	32.64 2.73 -1.81	35.11 2.73 -4.20	32.46 2.48 -1.77	37.75 2.44 -6.76	33.36 2.33 0.00	31.48 2.53 0.00	30.51 2.31 0.00	30.56 2.12 -0.36	43.15 2.42 -12.74	45.24 2.52 -14.77	43.34 2.49 -13.05	46.37 2.32 -11.05	48.75 1.91 -16.85	31.30 2.10 -1.82	35.73 2.37 -2.50	45.94 3.19 -4.08	55.17 4.03 -10.47	50.79 3.95 -4.77	56.10 4.24 -5.59	59.05 4.26 -12.22	54.80 4.02 -12.69	47.13 3.57 -8.79
EAST_POINT___SOLAR 323840	30.31 1.13 0.00	30.78 1.16 0.00	29.12 1.01 0.00	29.20 1.02 0.00	29.46 1.25 0.00	29.88 1.33 0.00	32.37 1.35 0.00	29.46 0.52 0.00	28.64 0.44 0.00	28.08 0.01 0.00	28.08 0.09 0.00	27.86 -0.09 0.00	35.02 -0.20 -7.42	45.95 0.58 -12.38	51.96 0.74 -21.23	28.18 0.79 0.00	32.10 1.23 0.00	40.53 1.85 0.00	42.78 2.11 0.00	44.57 2.50 0.00	49.04 2.78 0.00	45.03 2.46 0.00	40.22 2.13 0.00	36.62 1.86 0.00
EAST_PULASKI___ESR 323781	28.39 -0.79 0.00	28.76 -0.86 0.00	27.33 -0.78 0.00	27.41 -0.77 0.00	27.40 -0.81 0.00	27.73 -0.82 0.00	30.20 -0.82 0.00	28.13 -0.81 0.00	27.41 -0.79 0.00	27.36 -0.72 0.00	27.29 -0.71 0.00	27.23 -0.73 0.00	23.41 -0.72 3.67	25.87 -0.90 6.23	17.82 -0.79 11.37	26.55 -0.83 0.00	29.96 -0.91 0.00	37.50 -1.18 0.00	39.44 -1.23 0.00	40.82 -1.26 0.00	44.87 -1.40 0.00	41.18 -1.39 0.00	36.89 -1.19 0.00	33.67 -1.09 0.00
EAST_RIVER___1 323558	30.76 1.57 0.00	31.14 1.52 0.00	29.55 1.45 0.00	29.60 1.41 0.00	29.57 1.36 0.00	29.92 1.37 0.00	32.43 1.41 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.72 1.66 0.00	29.77 1.78 0.00	29.81 1.86 0.00	34.40 1.84 -4.76	43.31 2.25 -8.07	46.75 2.03 -14.74	29.38 1.99 0.00	32.89 2.03 0.00	41.13 2.44 0.00	43.13 2.46 0.00	44.51 2.44 0.00	48.73 2.46 0.00	44.89 2.32 0.00	40.22 2.13 0.00	36.62 1.86 0.00
EAST_RIVER___2 323559	30.76 1.57 0.00	31.13 1.52 0.00	29.55 1.44 0.00	29.59 1.41 0.00	29.56 1.35 0.00	29.91 1.36 0.00	32.40 1.38 0.00	30.45 1.50 0.00	29.72 1.52 0.00	29.72 1.65 0.00	29.76 1.78 0.00	29.81 1.86 0.00	34.41 1.85 -4.76	43.32 2.26 -8.07	46.75 2.03 -14.74	29.38 1.99 0.00	32.89 2.02 0.00	41.13 2.44 0.00	43.14 2.47 0.00	44.51 2.43 0.00	48.71 2.45 0.00	44.89 2.31 0.00	40.21 2.12 0.00	36.60 1.83 0.00
EAST___DELAWARE_HYD 23607	30.37 1.04 -0.14	30.59 0.98 0.00	29.02 0.92 0.00	29.09 0.91 0.00	29.10 0.89 0.00	29.43 0.88 0.00	31.94 0.91 0.00	29.95 0.99 -0.02	29.20 1.00 0.00	29.17 1.10 0.00	29.20 1.22 0.00	29.24 1.28 0.00	36.98 1.28 -7.90	48.05 1.66 -13.40	55.96 1.52 -24.45	28.88 1.49 0.00	32.43 1.56 0.00	40.64 1.95 0.00	42.73 2.06 0.00	44.12 2.05 0.00	48.35 2.08 0.00	44.48 1.91 0.00	39.78 1.69 0.00	36.18 1.42 0.00
EIGHT_POINT___WT_PWR 323820	25.54 -2.09 1.56	27.24 -2.38 0.00	25.89 -2.21 0.00	25.66 -2.52 0.00	25.59 -2.62 0.00	26.24 -2.31 0.00	28.44 -2.58 0.00	26.32 -2.45 0.18	26.50 -1.70 0.00	26.32 -1.76 0.00	26.18 -1.82 0.00	25.81 -2.14 0.00	-3.02 -1.33 29.49	-17.65 -0.62 50.02	-61.45 -0.08 91.35	26.09 -1.29 0.00	29.44 -1.43 0.00	36.67 -2.01 0.00	38.19 -2.48 0.00	39.95 -2.13 0.00	43.67 -2.60 0.00	32.39 -2.68 7.51	35.77 -2.32 0.00	32.98 -1.78 0.00
ELBRIDGE_115KV_TB2 80188	28.47 -0.52 0.19	29.07 -0.55 0.00	27.57 -0.53 0.00	27.63 -0.55 0.00	27.64 -0.57 0.00	28.01 -0.54 0.00	30.44 -0.58 0.00	28.39 -0.53 0.02	27.73 -0.48 0.00	27.67 -0.40 0.00	27.61 -0.38 0.00	27.54 -0.41 0.00	21.53 -0.43 5.84	22.54 -0.54 9.91	11.39 -0.49 18.10	26.82 -0.56 0.00	30.21 -0.66 0.00	37.77 -0.92 0.00	39.65 -1.01 0.00	41.11 -0.97 0.00	45.17 -1.10 0.00	41.49 -1.09 0.00	37.10 -0.99 0.00	33.87 -0.89 0.00
ELEC_TRO_TEK 24086	42.27 1.86 -11.23	35.65 1.85 -4.18	31.67 1.76 -1.81	34.11 1.73 -4.20	31.65 1.67 -1.77	37.00 1.69 -6.76	32.64 1.62 0.00	30.56 1.62 0.00	29.72 1.52 0.00	30.30 1.60 -0.63	52.08 1.97 -22.13	55.63 2.02 -25.65	48.90 1.94 -19.17	42.93 1.89 -8.05	45.90 1.60 -14.31	29.11 1.73 0.00	32.69 1.82 0.00	41.02 2.33 0.00	51.94 2.58 0.00	44.60 2.52 0.00	48.89 2.62 -0.01	55.83 2.57 -10.69	53.73 2.41 -13.23	52.18 2.14 -15.28
ELLENBURG_WT_PWR 323604	29.03 -0.15 0.00	29.45 -0.17 0.00	27.89 -0.21 0.00	28.14 -0.05 0.00	28.38 0.17 0.00	28.65 0.10 0.00	31.20 0.18 0.00	29.08 0.14 0.00	28.32 0.12 0.00	28.01 -0.06 0.00	27.83 -0.16 0.00	27.80 -0.16 0.00	27.62 -0.18 0.00	32.70 -0.29 0.00	29.69 -0.30 0.00	27.14 -0.24 0.00	30.76 -0.10 0.00	38.77 0.09 0.00	40.90 0.23 0.00	42.41 0.34 0.00	46.71 0.44 0.00	42.98 0.41 0.00	38.38 0.30 0.00	34.99 0.23 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.84 -2.31 1.04	27.33 -2.29 0.00	25.67 -2.44 0.00	25.48 -2.70 0.00	25.51 -2.70 0.00	26.10 -2.45 0.00	28.56 -2.46 0.00	26.75 -2.08 0.12	26.68 -1.52 0.00	26.86 -1.21 0.00	26.92 -1.07 0.00	26.82 -1.13 0.00	7.05 0.43 20.42	-1.22 0.34 34.64	32.93 0.34 63.26	26.03 -1.36 0.00	28.83 -2.03 0.00	35.56 -3.13 0.00	36.86 -3.81 0.00	38.46 -3.61 0.00	42.26 -4.01 0.00	34.05 -3.59 4.94	34.81 -3.27 0.00	32.20 -2.56 0.00
EMPIRE_CC_1 323656	30.19 1.00 0.00	30.62 1.00 0.00	29.08 0.97 0.00	29.16 0.97 0.00	29.17 0.96 0.00	29.50 0.95 0.00	32.00 0.98 0.00	29.82 0.87 0.00	29.03 0.83 0.00	28.86 0.79 0.00	28.72 0.74 0.00	28.72 0.76 0.00	31.92 0.74 -3.38	39.64 0.91 -5.74	41.30 0.82 -10.50	28.30 0.91 0.00	31.91 1.05 0.00	39.88 1.20 0.00	42.06 1.39 0.00	43.33 1.26 0.00	47.71 1.44 0.00	43.97 1.39 0.00	39.40 1.32 0.00	35.96 1.20 0.00
EMPIRE_CC_2 323658	30.19 1.00 0.00	30.62 1.00 0.00	29.08 0.97 0.00	29.16 0.97 0.00	29.17 0.96 0.00	29.50 0.95 0.00	32.00 0.98 0.00	29.82 0.87 0.00	29.03 0.83 0.00	28.86 0.79 0.00	28.72 0.74 0.00	28.72 0.76 0.00	31.92 0.74 -3.38	39.64 0.91 -5.74	41.30 0.82 -10.50	28.30 0.91 0.00	31.91 1.05 0.00	39.88 1.20 0.00	42.06 1.39 0.00	43.33 1.26 0.00	47.71 1.44 0.00	43.97 1.39 0.00	39.40 1.32 0.00	35.96 1.20 0.00
ENORWICH_115KV_TB1 80156	30.49 1.11 -0.19	30.59 0.97 0.00	28.76 0.65 0.00	28.98 0.79 0.00	29.15 0.94 0.00	29.56 1.01 0.00	32.12 1.09 0.00	29.97 1.00 -0.02	29.10 0.91 0.00	28.96 0.89 0.00	29.00 1.01 0.00	28.98 1.02 0.00	65.02 1.07 -36.15	95.32 1.02 -61.31	142.91 1.09 -111.84	28.20 0.82 0.00	32.22 1.35 0.00	40.67 1.98 0.00	43.09 2.42 0.00	44.97 2.89 0.00	49.34 3.07 0.00	46.82 2.59 -1.65	40.30 2.22 0.00	36.72 1.95 0.00
ERIE_ST__34_KV_TB1-2 80199	25.92 -2.19 1.08	27.44 -2.17 0.00	25.78 -2.33 0.00	25.61 -2.58 0.00	25.63 -2.58 0.00	26.23 -2.32 0.00	28.70 -2.39 0.00	26.86 -2.05 0.12	26.78 -1.96 0.00	26.96 -1.41 0.00	27.01 -0.98 0.00	26.91 -1.05 0.00	6.42 -0.22 21.15	-2.39 0.50 35.88	-35.15 0.39 65.53	26.07 -1.31 0.00	28.95 -1.91 0.00	35.72 -2.96 0.00	37.07 -3.60 0.00	38.69 -3.39 0.00	42.51 -3.76 0.00	34.04 -3.39 5.14	34.97 -3.11 0.00	32.31 -2.45 0.00
ERIE_WT_PWR 323693	25.88 -2.24 1.07	27.40 -2.22 0.00	25.75 -2.35 0.00	25.55 -2.63 0.00	25.59 -2.62 0.00	26.18 -2.37 0.00	28.64 -2.39 0.00	26.77 -2.05 0.12	26.73 -1.46 0.00	26.92 -1.15 0.00	26.99 -1.00 0.00	26.88 -1.07 0.00	6.53 -0.34 20.94	-2.16 0.37 35.52	-34.57 0.31 64.87	26.07 -1.31 0.00	28.93 -1.94 0.00	35.71 -2.98 0.00	37.05 -3.62 0.00	38.64 -3.44 0.00	42.42 -3.85 0.00	34.04 -3.45 5.08	34.94 -3.15 0.00	32.31 -2.45 0.00
ESPRGFLD_115KV_TB1 80157	30.18 0.80 -0.19	30.43 0.81 0.00	28.74 0.64 0.00	28.83 0.65 0.00	28.91 0.70 0.00	29.25 0.70 0.00	31.83 0.81 0.00	29.66 0.70 -0.02	28.88 0.68 0.00	28.76 0.69 0.00	28.79 0.80 0.00	28.77 0.82 0.00	43.87 0.94 -15.14	59.87 1.42 -25.46	76.32 1.33 -45.00	28.40 1.02 0.00	32.01 1.14 0.00	40.23 1.54 0.00	42.25 1.59 0.00	43.87 1.79 0.00	48.20 1.93 0.00	45.06 1.72 -0.77	39.56 1.47 0.00	36.03 1.27 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.90 0.09 0.38	29.66 0.04 0.00	28.09 -0.01 0.00	28.16 -0.02 0.00	28.20 -0.01 0.00	28.58 0.03 0.00	31.06 0.04 0.00	28.96 0.06 0.04	28.32 0.12 0.00	28.27 0.20 0.00	28.22 0.23 0.00	28.15 0.20 0.00	20.82 0.03 7.01	20.92 -0.17 11.89	8.12 -0.12 21.74	27.20 -0.18 0.00	30.72 -0.14 0.00	38.50 -0.19 0.00	40.46 -0.21 0.00	42.01 -0.06 0.00	46.14 -0.12 0.00	41.21 -0.27 1.09	37.80 -0.28 0.00	34.51 -0.26 0.00
ETNA_____115KV_TB2 80207	28.90 0.09 0.38	29.66 0.04 0.00	28.09 -0.01 0.00	28.16 -0.02 0.00	28.20 -0.01 0.00	28.58 0.03 0.00	31.06 0.04 0.00	28.96 0.06 0.04	28.32 0.12 0.00	28.27 0.20 0.00	28.22 0.23 0.00	28.15 0.20 0.00	20.82 0.03 7.01	20.92 -0.17 11.89	8.12 -0.12 21.74	27.20 -0.18 0.00	30.72 -0.14 0.00	38.50 -0.19 0.00	40.46 -0.21 0.00	42.01 -0.06 0.00	46.14 -0.12 0.00	41.21 -0.27 1.09	37.80 -0.28 0.00	34.51 -0.26 0.00
EUCLID___115KV_TB2 356179	28.53 -0.66 0.00	28.94 -0.68 0.00	27.45 -0.66 0.00	27.50 -0.68 0.00	27.53 -0.68 0.00	27.87 -0.68 0.00	30.29 -0.73 0.00	28.28 -0.67 0.00	27.58 -0.62 0.00	27.51 -0.56 0.00	27.45 -0.54 0.00	27.41 -0.54 0.00	23.11 -0.55 4.14	25.30 -0.66 7.02	16.56 -0.60 12.83	26.72 -0.66 0.00	30.10 -0.77 0.00	37.64 -1.04 0.00	39.53 -1.14 0.00	40.94 -1.13 0.00	45.00 -1.27 0.00	41.35 -1.23 0.00	36.97 -1.12 0.00	33.77 -0.99 0.00
E_CANADA_CAP_HY 24051	30.20 0.88 -0.14	30.56 0.94 0.00	28.86 0.76 0.00	28.93 0.74 0.00	29.05 0.84 0.00	29.42 0.87 0.00	32.00 0.98 0.00	29.59 0.63 -0.02	28.74 0.54 0.00	28.54 0.47 0.00	28.50 0.51 0.00	28.48 0.53 0.00	37.95 0.52 -9.63	50.03 0.98 -16.06	58.39 0.97 -27.43	28.19 0.80 0.00	31.83 0.97 0.00	40.09 1.40 0.00	42.15 1.48 0.00	43.82 1.75 0.00	48.21 1.94 0.00	44.30 1.73 0.00	39.61 1.52 0.00	36.09 1.33 0.00
E_CANADA_MHWK_HY 24050	29.64 0.46 0.00	30.05 0.43 0.00	28.41 0.31 0.00	28.51 0.32 0.00	28.51 0.30 0.00	28.82 0.27 0.00	31.23 0.20 0.00	28.85 -0.10 0.00	27.88 -0.32 0.00	27.74 -0.33 0.00	27.51 -0.48 0.00	27.54 -0.42 0.00	27.42 -0.38 0.00	32.58 -0.41 0.00	29.79 -0.20 0.00	27.61 0.23 0.00	31.38 0.52 0.00	39.47 0.78 0.00	41.72 1.05 0.00	43.14 1.07 0.00	47.43 1.16 0.00	43.67 1.09 0.00	39.17 1.08 0.00	35.67 0.91 0.00
E_FISHKILL___LBMP 23776	30.43 1.24 0.00	30.83 1.22 0.00	29.29 1.19 0.00	29.33 1.15 0.00	29.32 1.10 0.00	29.65 1.09 0.00	32.16 1.13 0.00	30.13 1.18 0.00	29.38 1.19 0.00	29.33 1.26 0.00	29.33 1.34 0.00	29.35 1.39 0.00	33.74 1.37 -4.57	42.43 1.69 -7.76	45.64 1.50 -14.16	28.90 1.52 0.00	32.43 1.56 0.00	40.59 1.91 0.00	42.64 1.97 0.00	44.00 1.93 0.00	48.26 2.00 0.00	44.44 1.87 0.00	39.80 1.72 0.00	36.25 1.48 0.00
FALCON___SEABRD_CC1 323796	29.30 0.11 0.00	29.71 0.10 0.00	28.15 0.04 0.00	28.37 0.18 0.00	28.62 0.41 0.00	28.91 0.35 0.00	31.47 0.45 0.00	29.31 0.37 0.00	28.56 0.36 0.00	28.21 0.14 0.00	28.01 0.02 0.00	27.97 0.02 0.00	27.79 0.00 0.00	32.90 -0.09 0.00	29.86 -0.12 0.00	27.32 -0.07 0.00	31.02 0.16 0.00	39.12 0.43 0.00	41.30 0.63 0.00	42.79 0.71 0.00	47.14 0.88 0.00	43.42 0.85 0.00	38.77 0.68 0.00	35.31 0.54 0.00
FALCON___SEABRD_CC2 323797	29.30 0.11 0.00	29.71 0.10 0.00	28.15 0.04 0.00	28.37 0.18 0.00	28.62 0.41 0.00	28.91 0.35 0.00	31.47 0.45 0.00	29.31 0.37 0.00	28.56 0.36 0.00	28.21 0.14 0.00	28.01 0.02 0.00	27.97 0.02 0.00	27.79 0.00 0.00	32.90 -0.09 0.00	29.86 -0.12 0.00	27.32 -0.07 0.00	31.02 0.16 0.00	39.12 0.43 0.00	41.30 0.63 0.00	42.79 0.71 0.00	47.14 0.88 0.00	43.42 0.85 0.00	38.77 0.68 0.00	35.31 0.54 0.00

FAR ROCKAWAY___4 23548	42.92 2.21 -11.53	36.09 2.29 -4.18	32.07 2.16 -1.81	34.50 2.12 -4.20	32.05 2.07 -1.77	37.40 2.10 -6.76	33.08 2.06 0.00	30.96 2.01 0.00	30.12 1.92 0.00	30.78 2.06 -0.65	53.31 2.42 -22.90	56.98 2.48 -26.55	49.88 2.42 -19.66	43.55 2.49 -8.07	46.87 2.15 -14.73	29.59 2.20 0.00	33.24 2.37 0.00	41.72 3.03 0.00	52.95 3.30 -8.98	45.37 3.29 0.00	49.74 3.46 -0.01	56.95 3.31 -11.07	54.81 3.03 -13.70	53.24 2.66 -15.81
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.76 1.57 0.00	31.14 1.52 0.00	29.56 1.46 0.00	29.60 1.42 0.00	29.57 1.36 0.00	29.92 1.37 0.00	32.44 1.42 0.00	30.48 1.53 0.00	29.74 1.54 0.00	29.72 1.65 0.00	29.79 1.80 0.00	29.82 1.86 0.00	34.40 1.84 -4.76	43.30 2.24 -8.07	46.73 2.01 -14.74	29.39 2.00 0.00	32.89 2.03 0.00	41.14 2.45 0.00	43.14 2.47 0.00	44.51 2.43 0.00	48.73 2.46 0.00	44.90 2.33 0.00	40.23 2.14 0.00	36.63 1.87 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.76 1.58 0.00	31.15 1.54 0.00	29.57 1.47 0.00	29.60 1.42 0.00	29.59 1.37 0.00	29.93 1.38 0.00	32.45 1.43 0.00	30.48 1.53 0.00	29.74 1.54 0.00	29.73 1.66 0.00	29.79 1.80 0.00	29.83 1.87 0.00	34.41 1.85 -4.76	43.31 2.25 -8.07	46.74 2.02 -14.74	29.40 2.01 0.00	32.91 2.04 0.00	41.15 2.46 0.00	43.15 2.48 0.00	44.53 2.45 0.00	48.75 2.49 0.00	44.92 2.35 0.00	40.25 2.16 0.00	36.64 1.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.74 1.56 0.00	31.14 1.52 0.00	29.55 1.45 0.00	29.59 1.40 0.00	29.56 1.35 0.00	29.92 1.37 0.00	32.42 1.40 0.00	30.46 1.52 0.00	29.73 1.53 0.00	29.70 1.64 0.00	29.76 1.78 0.00	29.81 1.85 0.00	34.39 1.83 -4.76	43.29 2.23 -8.07	46.72 2.00 -14.74	29.37 1.98 0.00	32.88 2.01 0.00	41.11 2.43 0.00	43.10 2.43 0.00	44.50 2.42 0.00	48.71 2.44 0.00	44.89 2.32 0.00	40.21 2.13 0.00	36.61 1.85 0.00
FARRAGUT___LBMP 323566	30.72 1.54 0.00	31.11 1.49 0.00	29.53 1.43 0.00	29.57 1.39 0.00	29.54 1.33 0.00	29.90 1.34 0.00	32.41 1.38 0.00	30.45 1.50 0.00	29.71 1.51 0.00	29.69 1.62 0.00	29.74 1.75 0.00	29.79 1.83 0.00	34.36 1.80 -4.76	43.26 2.19 -8.07	46.69 1.97 -14.74	29.35 1.96 0.00	32.85 1.99 0.00	41.09 2.40 0.00	43.07 2.40 0.00	44.46 2.39 0.00	48.67 2.40 0.00	44.85 2.28 0.00	40.18 2.10 0.00	36.59 1.83 0.00
FENNER___WINDPWR 24204	29.28 0.09 0.00	29.70 0.09 0.00	28.16 0.06 0.00	28.27 0.08 0.00	28.30 0.09 0.00	28.66 0.11 0.00	31.14 0.12 0.00	28.99 0.05 0.00	28.22 0.02 0.00	28.16 0.09 0.00	28.12 0.13 0.00	28.07 0.11 0.00	24.13 0.02 3.69	26.64 -0.09 6.26	18.46 -0.08 11.44	27.34 -0.04 0.00	30.98 0.11 0.00	38.96 0.28 0.00	41.01 0.34 0.00	42.46 0.39 0.00	46.67 0.40 0.00	42.85 0.28 0.00	38.26 0.18 0.00	34.94 0.17 0.00
FIBERTEK___ENERGY 23856	28.62 -0.40 0.16	29.20 -0.42 0.00	27.69 -0.41 0.00	27.75 -0.43 0.00	27.77 -0.43 0.00	28.13 -0.42 0.00	30.57 -0.45 0.00	28.51 -0.42 0.02	27.83 -0.37 0.00	27.76 -0.31 0.00	27.71 -0.27 0.00	27.65 -0.31 0.00	22.21 -0.32 5.26	23.64 -0.42 8.92	13.31 -0.37 16.30	26.95 -0.44 0.00	30.36 -0.50 0.00	37.99 -0.69 0.00	39.89 -0.78 0.00	41.34 -0.74 0.00	45.42 -0.84 0.00	41.71 -0.86 0.00	37.29 -0.79 0.00	34.05 -0.72 0.00
FITZPATRICK___ 23598	28.16 -1.02 0.00	28.57 -1.05 0.00	27.11 -0.99 0.00	27.17 -1.01 0.00	27.19 -1.02 0.00	27.53 -1.02 0.00	29.91 -1.11 0.00	27.90 -1.04 0.00	27.19 -1.01 0.00	27.10 -0.97 0.00	27.03 -0.95 0.00	27.00 -0.96 0.00	26.84 -0.95 0.00	31.85 -1.14 0.00	28.96 -1.03 0.00	26.37 -1.02 0.00	29.69 -1.17 0.00	37.15 -1.53 0.00	39.01 -1.66 0.00	40.40 -1.68 0.00	44.41 -1.86 0.00	40.83 -1.75 0.00	36.52 -1.57 0.00	33.35 -1.41 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.77 1.59 0.00	31.18 1.56 0.00	29.60 1.50 0.00	29.64 1.46 0.00	29.63 1.42 0.00	29.97 1.42 0.00	32.53 1.51 0.00	30.48 1.53 0.00	29.73 1.53 0.00	29.70 1.63 0.00	29.72 1.73 0.00	29.75 1.80 0.00	34.37 1.79 -4.79	43.31 2.20 -8.12	46.78 1.98 -14.81	29.32 1.93 0.00	32.90 2.04 0.00	41.19 2.51 0.00	43.28 2.62 0.00	44.68 2.60 0.00	48.98 2.72 0.00	45.07 2.50 0.00	40.34 2.26 0.00	36.71 1.95 0.00
FORT ORANGE___ 23900	29.92 0.73 0.00	30.33 0.71 0.00	28.81 0.71 0.00	28.90 0.72 0.00	28.91 0.71 0.00	29.23 0.68 0.00	31.72 0.70 0.00	29.55 0.61 0.00	28.72 0.52 0.00	28.59 0.52 0.00	28.43 0.45 0.00	28.44 0.49 0.00	31.64 0.45 -3.40	39.27 0.52 -5.76	41.05 0.51 -10.56	28.08 0.70 0.00	31.69 0.82 0.00	39.62 0.93 0.00	41.77 1.10 0.00	43.08 1.00 0.00	47.37 1.11 0.00	43.62 1.05 0.00	39.07 0.98 0.00	35.65 0.88 0.00
FORT_DRUM_COGEN 23780	27.31 -1.87 0.00	28.18 -1.43 0.00	26.66 -1.45 0.00	26.93 -1.25 0.00	26.99 -1.22 0.00	27.27 -1.29 0.00	29.50 -1.52 0.00	27.08 -1.87 0.00	25.84 -2.36 0.00	25.76 -2.32 0.00	25.72 -2.27 0.00	25.76 -2.20 0.00	25.72 -2.08 0.00	30.55 -2.43 0.00	27.93 -2.06 0.00	25.57 -1.82 0.00	29.33 -1.54 0.00	37.48 -1.21 0.00	39.73 -0.94 0.00	41.40 -0.68 0.00	45.61 -0.66 0.00	41.95 -0.62 0.00	37.39 -0.70 0.00	33.98 -0.78 0.00
FOX_HILLS___ESR 323835	30.93 1.74 0.00	31.35 1.74 0.00	29.75 1.64 0.00	29.78 1.60 0.00	29.77 1.56 0.00	30.11 1.56 0.00	32.66 1.64 0.00	30.68 1.74 0.00	29.92 1.72 0.00	29.89 1.82 0.00	29.95 1.96 0.00	29.99 2.04 0.00	34.58 2.02 -4.76	43.56 2.50 -8.08	46.98 2.25 -14.74	29.49 2.11 0.00	32.96 2.09 0.00	41.20 2.52 0.00	43.23 2.56 0.00	44.64 2.56 0.00	48.85 2.58 -0.01	45.02 2.45 0.00	40.32 2.23 0.00	36.67 1.91 0.00
FPL_FAR_ROCK_GT1 24212	42.92 2.20 -11.53	36.09 2.29 -4.18	32.07 2.16 -1.81	34.50 2.11 -4.20	32.05 2.07 -1.77	37.40 2.10 -6.76	33.08 2.06 0.00	30.96 2.02 0.00	30.11 1.91 0.00	30.78 2.06 -0.65	53.30 2.41 -22.90	56.98 2.48 -26.55	49.88 2.42 -19.66	43.56 2.50 -8.07	46.89 2.17 -14.73	29.59 2.20 0.00	33.24 2.37 0.00	41.72 3.03 0.00	52.95 3.30 -8.98	45.36 3.28 0.00	49.74 3.46 -0.01	56.95 3.31 -11.07	54.81 3.03 -13.70	53.24 2.67 -15.81
FPL_FAR_ROCK_GT2 23815	42.92 2.20 -11.53	36.09 2.29 -4.18	32.07 2.16 -1.81	34.50 2.11 -4.20	32.05 2.07 -1.77	37.40 2.10 -6.76	33.08 2.06 0.00	30.96 2.02 0.00	30.11 1.91 0.00	30.78 2.06 -0.65	53.30 2.41 -22.90	56.98 2.48 -26.55	49.88 2.42 -19.66	43.56 2.50 -8.07	46.89 2.17 -14.73	29.59 2.20 0.00	33.24 2.37 0.00	41.72 3.03 0.00	52.95 3.30 -8.98	45.36 3.28 0.00	49.74 3.46 -0.01	56.95 3.31 -11.07	54.81 3.03 -13.70	53.24 2.67 -15.81
FRANKLIN_FALL_HYD 24054	28.96 -0.23 0.00	29.39 -0.23 0.00	27.84 -0.26 0.00	28.07 -0.12 0.00	28.30 0.09 0.00	28.61 0.07 0.00	31.19 0.16 0.00	29.03 0.09 0.00	28.18 -0.02 0.00	27.90 -0.17 0.00	27.71 -0.27 0.00	27.65 -0.30 0.00	27.41 -0.39 0.00	32.42 -0.57 0.00	29.44 -0.55 0.00	26.93 -0.45 0.00	30.55 -0.31 0.00	38.55 -0.13 0.00	40.73 0.06 0.00	42.35 0.27 0.00	46.67 0.40 0.00	42.93 0.36 0.00	38.31 0.22 0.00	34.90 0.14 0.00

FREEPORT_EQUS_GT1 23764	40.31 2.03 -9.09	35.81 2.01 -4.18	31.82 1.91 -1.81	34.26 1.87 -4.20	31.80 1.82 -1.77	37.15 1.84 -6.76	32.79 1.77 0.00	30.69 1.75 0.00	29.83 1.64 0.00	30.28 1.73 -0.48	46.76 2.12 -16.65	49.47 2.19 -19.32	45.59 2.12 -15.67	43.06 2.07 -8.00	44.94 1.75 -13.21	29.24 1.85 0.00	32.86 1.99 0.00	41.25 2.57 0.00	50.13 2.84 -6.62	44.86 2.78 0.00	49.18 2.91 -0.01	53.45 2.83 -8.05	50.70 2.65 -9.96	48.63 2.35 -11.52
FREEPORT___CT2 23818	40.31 2.03 -9.09	35.81 2.01 -4.18	31.82 1.91 -1.81	34.26 1.87 -4.20	31.80 1.82 -1.77	37.15 1.84 -6.76	32.79 1.77 0.00	30.69 1.75 0.00	29.83 1.64 0.00	30.28 1.73 -0.48	46.76 2.12 -16.65	49.47 2.19 -19.32	45.59 2.12 -15.67	43.06 2.07 -8.00	44.94 1.75 -13.21	29.24 1.85 0.00	32.86 1.99 0.00	41.25 2.57 0.00	50.13 2.84 -6.62	44.86 2.78 0.00	49.18 2.91 -0.01	53.45 2.83 -8.05	50.70 2.65 -9.96	48.63 2.35 -11.52
FRESHKLS_33_KV_LOAD 356253	31.02 1.84 0.00	31.47 1.85 0.00	29.86 1.76 0.00	29.89 1.71 0.00	29.87 1.66 0.00	30.22 1.67 0.00	32.79 1.76 0.00	30.80 1.85 0.00	30.01 1.81 0.00	29.99 1.92 0.00	30.04 2.06 0.00	30.09 2.13 0.00	34.67 2.12 -4.76	43.69 2.63 -8.08	47.10 2.37 -14.74	29.57 2.18 0.00	33.01 2.15 0.00	41.28 2.60 0.00	43.33 2.66 0.00	44.74 2.67 0.00	48.98 2.71 -0.01	45.12 2.55 0.00	40.40 2.31 0.00	36.73 1.97 0.00
FULTON COGEN____ 23766	28.18 -1.01 0.00	28.59 -1.03 0.00	27.12 -0.98 0.00	27.19 -0.99 0.00	27.19 -1.02 0.00	27.54 -1.01 0.00	29.92 -1.10 0.00	27.92 -1.02 0.00	27.21 -0.99 0.00	27.15 -0.93 0.00	27.09 -0.90 0.00	27.05 -0.91 0.00	23.06 -0.92 3.81	25.40 -1.12 6.47	17.16 -1.00 11.82	26.38 -1.00 0.00	29.73 -1.14 0.00	37.22 -1.47 0.00	39.09 -1.58 0.00	40.49 -1.58 0.00	44.50 -1.77 0.00	40.90 -1.68 0.00	36.56 -1.52 0.00	33.39 -1.38 0.00
FULTON___LFGE 323630	30.36 1.18 0.00	30.83 1.21 0.00	29.16 1.06 0.00	29.23 1.04 0.00	29.34 1.12 0.00	29.72 1.17 0.00	32.25 1.23 0.00	29.64 0.69 0.00	28.62 0.42 0.00	28.43 0.36 0.00	28.12 0.13 0.00	28.14 0.18 0.00	34.89 0.13 -6.97	44.94 0.35 -11.60	50.24 0.49 -19.76	28.14 0.76 0.00	31.92 1.05 0.00	40.29 1.61 0.00	42.43 1.76 0.00	44.16 2.08 0.00	48.58 2.31 0.00	44.66 2.09 0.00	39.91 1.83 0.00	36.34 1.58 0.00
G.F.CEMENT___DRP 24184	30.59 1.41 0.00	31.04 1.43 0.00	29.46 1.36 0.00	29.55 1.36 0.00	29.58 1.37 0.00	29.94 1.39 0.00	32.51 1.49 0.00	30.15 1.21 0.00	29.21 1.01 0.00	28.96 0.89 0.00	28.84 0.85 0.00	28.77 0.81 0.00	32.01 0.73 -3.48	39.83 0.92 -5.92	41.74 0.89 -10.87	28.54 1.15 0.00	32.53 1.66 0.00	40.87 2.19 0.00	43.15 2.49 0.00	44.42 2.35 0.00	48.97 2.70 0.00	45.15 2.58 0.00	40.36 2.28 0.00	36.73 1.97 0.00
GARDENVILLE___LBMP 24039	25.84 -2.27 1.07	27.38 -2.23 0.00	25.71 -2.39 0.00	25.53 -2.65 0.00	25.55 -2.66 0.00	26.14 -2.41 0.00	28.59 -2.44 0.00	26.75 -2.07 0.12	26.68 -1.52 0.00	26.85 -1.22 0.00	26.92 -1.07 0.00	26.83 -1.13 0.00	6.52 -0.31 20.97	-2.14 0.44 35.57	-34.62 0.36 64.96	26.05 -1.34 0.00	28.89 -1.98 0.00	35.64 -3.05 0.00	36.97 -3.70 0.00	38.57 -3.51 0.00	42.35 -3.91 0.00	33.96 -3.52 5.09	34.89 -3.20 0.00	32.26 -2.50 0.00
GARDNVLA_35_KV_LD 355827	25.91 -2.21 1.07	27.43 -2.19 0.00	25.75 -2.35 0.00	25.56 -2.62 0.00	25.59 -2.62 0.00	26.18 -2.37 0.00	28.65 -2.37 0.00	26.81 -2.01 0.12	26.76 -1.44 0.00	26.95 -1.12 0.00	27.02 -0.97 0.00	26.92 -1.03 0.00	6.66 -0.21 20.93	-1.95 0.56 35.50	-34.38 0.47 64.84	26.13 -1.26 0.00	28.98 -1.89 0.00	35.76 -2.93 0.00	37.09 -3.58 0.00	38.69 -3.39 0.00	42.49 -3.78 0.00	34.10 -3.40 5.08	34.99 -3.09 0.00	32.36 -2.41 0.00
GELCKHM___115KV_LOAD 80723	28.49 -0.57 0.13	29.03 -0.59 0.00	27.54 -0.56 0.00	27.60 -0.58 0.00	27.62 -0.59 0.00	27.97 -0.58 0.00	30.40 -0.62 0.00	28.36 -0.57 0.02	27.67 -0.53 0.00	27.61 -0.46 0.00	27.55 -0.44 0.00	27.50 -0.45 0.00	22.73 -0.47 4.60	24.62 -0.57 7.80	15.23 -0.52 14.24	26.80 -0.58 0.00	30.20 -0.67 0.00	37.77 -0.91 0.00	39.66 -1.01 0.00	41.08 -0.99 0.00	45.15 -1.12 0.00	41.48 -1.09 0.00	37.09 -1.00 0.00	33.87 -0.89 0.00
GENERAL___MILLS 23808	25.88 -2.24 1.07	27.40 -2.22 0.00	25.72 -2.38 0.00	25.55 -2.64 0.00	25.57 -2.64 0.00	26.16 -2.39 0.00	28.62 -2.40 0.00	26.78 -2.04 0.12	26.73 -1.47 0.00	26.90 -1.17 0.00	26.98 -1.01 0.00	26.88 -1.08 0.00	6.60 -0.26 20.94	-2.03 0.51 35.52	-34.47 0.42 64.87	26.09 -1.30 0.00	28.93 -1.94 0.00	35.70 -2.99 0.00	37.02 -3.65 0.00	38.63 -3.45 0.00	42.42 -3.85 0.00	34.03 -3.46 5.08	34.94 -3.15 0.00	32.31 -2.46 0.00
GE_PLASTICS___DRP 24183	29.84 0.65 0.00	30.26 0.64 0.00	28.74 0.64 0.00	28.83 0.65 0.00	28.84 0.63 0.00	29.15 0.60 0.00	31.64 0.62 0.00	29.50 0.56 0.00	28.72 0.52 0.00	28.60 0.52 0.00	28.49 0.50 0.00	28.47 0.52 0.00	31.62 0.49 -3.33	39.23 0.58 -5.65	40.88 0.56 -10.34	28.07 0.69 0.00	31.62 0.76 0.00	39.54 0.86 0.00	41.63 0.96 0.00	42.94 0.86 0.00	47.20 0.94 0.00	43.49 0.92 0.00	38.95 0.86 0.00	35.55 0.78 0.00
GILBOA___1 23756	30.03 0.72 -0.13	30.33 0.71 0.00	28.80 0.69 0.00	28.96 0.78 0.00	28.96 0.75 0.00	29.20 0.65 0.00	31.69 0.67 0.00	29.62 0.66 -0.01	28.84 0.65 0.00	28.75 0.68 0.00	28.69 0.70 0.00	28.68 0.73 0.00	33.28 0.77 -4.71	41.97 0.99 -7.99	45.45 0.89 -14.58	28.28 0.90 0.00	31.81 0.95 0.00	39.81 1.13 0.00	41.85 1.18 0.00	43.14 1.07 0.00	47.41 1.14 0.00	43.74 1.17 0.00	39.15 1.07 0.00	35.71 0.95 0.00
GILBOA___2 23757	30.03 0.72 -0.13	30.33 0.71 0.00	28.80 0.69 0.00	28.96 0.78 0.00	28.96 0.75 0.00	29.20 0.65 0.00	31.69 0.67 0.00	29.62 0.66 -0.01	28.84 0.65 0.00	28.75 0.68 0.00	28.69 0.70 0.00	28.68 0.73 0.00	33.28 0.77 -4.71	41.97 0.99 -7.99	45.45 0.89 -14.58	28.28 0.90 0.00	31.81 0.95 0.00	39.81 1.13 0.00	41.85 1.18 0.00	43.14 1.07 0.00	47.41 1.14 0.00	43.74 1.17 0.00	39.15 1.07 0.00	35.71 0.95 0.00
GILBOA___3 23758	30.03 0.72 -0.13	30.33 0.71 0.00	28.80 0.69 0.00	28.96 0.78 0.00	28.96 0.75 0.00	29.20 0.65 0.00	31.69 0.67 0.00	29.62 0.66 -0.01	28.84 0.65 0.00	28.75 0.68 0.00	28.69 0.70 0.00	28.68 0.73 0.00	33.28 0.77 -4.71	41.97 0.99 -7.99	45.45 0.89 -14.58	28.28 0.90 0.00	31.81 0.95 0.00	39.81 1.13 0.00	41.85 1.18 0.00	43.14 1.07 0.00	47.41 1.14 0.00	43.74 1.17 0.00	39.15 1.07 0.00	35.71 0.95 0.00
GILBOA___4 23759	30.03 0.72 -0.13	30.33 0.71 0.00	28.80 0.69 0.00	28.96 0.78 0.00	28.96 0.75 0.00	29.20 0.65 0.00	31.69 0.67 0.00	29.62 0.66 -0.01	28.84 0.65 0.00	28.75 0.68 0.00	28.69 0.70 0.00	28.68 0.73 0.00	33.28 0.77 -4.71	41.97 0.99 -7.99	45.45 0.89 -14.58	28.28 0.90 0.00	31.81 0.95 0.00	39.81 1.13 0.00	41.85 1.18 0.00	43.14 1.07 0.00	47.41 1.14 0.00	43.74 1.17 0.00	39.15 1.07 0.00	35.71 0.95 0.00

GILBOA____ 23599	30.04 0.72 -0.13	30.33 0.71 0.00	28.80 0.70 0.00	28.96 0.78 0.00	28.96 0.75 0.00	29.20 0.65 0.00	31.69 0.67 0.00	29.62 0.66 -0.01	28.85 0.65 0.00	28.75 0.68 0.00	28.69 0.71 0.00	28.68 0.73 0.00	33.27 0.76 -4.71	41.96 0.99 -7.99	45.44 0.88 -14.58	28.28 0.90 0.00	31.81 0.95 0.00	39.81 1.13 0.00	41.85 1.18 0.00	43.15 1.07 0.00	47.41 1.14 0.00	43.74 1.17 0.00	39.15 1.07 0.00	35.71 0.95 0.00
GINNA____ 23603	27.47 -1.22 0.50	28.38 -1.24 0.00	26.83 -1.28 0.00	26.75 -1.44 0.00	26.70 -1.51 0.00	27.12 -1.43 0.00	29.54 -1.48 0.00	27.56 -1.33 0.06	27.09 -1.11 0.00	27.09 -0.98 0.00	27.02 -0.97 0.00	26.91 -1.05 0.00	16.06 -0.84 10.89	13.76 -0.75 18.48	-4.45 -0.69 33.75	26.13 -1.26 0.00	29.19 -1.67 0.00	36.28 -2.41 0.00	37.87 -2.80 0.00	39.30 -2.78 0.00	43.38 -2.89 0.00	37.64 -2.72 2.22	35.59 -2.50 0.00	32.55 -2.22 0.00
GLEN PARK____ 23778	27.34 -1.85 0.00	28.21 -1.40 0.00	26.68 -1.42 0.00	26.97 -1.22 0.00	27.02 -1.19 0.00	27.31 -1.24 0.00	29.55 -1.47 0.00	27.09 -1.86 0.00	25.79 -2.41 0.00	25.70 -2.37 0.00	25.66 -2.33 0.00	25.68 -2.28 0.00	25.65 -2.14 0.00	30.47 -2.52 0.00	27.86 -2.13 0.00	25.49 -1.90 0.00	29.30 -1.57 0.00	37.51 -1.18 0.00	39.78 -0.89 0.00	41.48 -0.60 0.00	45.72 -0.54 0.00	42.05 -0.53 0.00	37.45 -0.63 0.00	34.03 -0.74 0.00
GLENDALE_27_KV_LOAD 356172	30.85 1.66 0.00	31.24 1.62 0.00	29.65 1.54 0.00	29.67 1.49 0.00	29.65 1.44 0.00	30.01 1.46 0.00	32.53 1.51 0.00	30.59 1.64 0.00	29.87 1.67 0.00	29.86 1.79 0.00	29.91 1.93 0.00	29.96 2.01 0.00	34.52 1.96 -4.76	43.43 2.36 -8.07	46.84 2.12 -14.74	29.51 2.12 0.00	33.01 2.15 0.00	41.24 2.56 0.00	43.19 2.52 0.00	44.59 2.51 0.00	48.76 2.50 0.00	44.94 2.37 0.00	40.31 2.22 0.00	36.70 1.94 0.00
GLENWOOD_IC_1_G5 23712	41.56 1.84 -10.53	35.62 1.82 -4.18	31.64 1.73 -1.81	34.08 1.70 -4.20	31.63 1.65 -1.77	36.97 1.66 -6.76	32.67 1.65 0.00	30.62 1.68 0.00	29.81 1.61 0.00	30.37 1.72 -0.58	50.37 2.00 -20.38	53.64 2.05 -23.63	47.83 2.00 -18.04	43.16 2.13 -8.03	45.80 1.86 -13.95	29.29 1.90 0.00	32.86 2.00 0.00	41.20 2.51 0.00	51.37 2.69 -8.01	44.73 2.66 0.00	49.03 2.75 -0.01	55.06 2.64 -9.85	52.72 2.44 -12.19	51.00 2.16 -14.07
GLENWOOD_IC_2_G1 23688	33.48 1.66 -2.64	35.43 1.63 -4.18	31.46 1.55 -1.81	33.90 1.52 -4.20	31.45 1.47 -1.77	36.79 1.48 -6.76	32.51 1.48 0.00	30.48 1.53 0.00	29.69 1.49 0.00	29.68 1.58 -0.03	30.73 1.80 -0.94	30.91 1.87 -1.09	35.00 1.83 -5.37	43.11 2.05 -8.07	46.51 1.79 -14.73	29.20 1.81 0.00	32.74 1.88 0.00	41.02 2.34 0.00	43.51 2.47 -0.37	44.50 2.43 0.00	48.77 2.51 0.00	45.42 2.39 -0.45	40.86 2.21 -0.56	37.36 1.95 -0.65
GLENWOOD_IC_3_G1 23689	33.48 1.66 -2.64	35.43 1.63 -4.18	31.46 1.55 -1.81	33.90 1.52 -4.20	31.45 1.47 -1.77	36.79 1.48 -6.76	32.51 1.48 0.00	30.48 1.53 0.00	29.69 1.49 0.00	29.68 1.58 -0.03	30.73 1.80 -0.94	30.91 1.87 -1.09	35.00 1.83 -5.37	43.11 2.05 -8.07	46.51 1.79 -14.73	29.20 1.81 0.00	32.74 1.88 0.00	41.02 2.34 0.00	43.51 2.47 -0.37	44.50 2.43 0.00	48.77 2.51 0.00	45.42 2.39 -0.45	40.86 2.21 -0.56	37.36 1.95 -0.65
GLENWOOD___4 23550	41.56 1.84 -10.53	35.62 1.82 -4.18	31.64 1.73 -1.81	34.08 1.70 -4.20	31.63 1.65 -1.77	36.97 1.66 -6.76	32.67 1.65 0.00	30.62 1.68 0.00	29.81 1.61 0.00	30.37 1.72 -0.58	50.37 2.00 -20.38	53.64 2.05 -23.63	47.83 2.00 -18.04	43.16 2.13 -8.03	45.80 1.86 -13.95	29.29 1.90 0.00	32.86 2.00 0.00	41.20 2.51 0.00	51.37 2.69 -8.01	44.73 2.66 0.00	49.03 2.75 -0.01	55.06 2.64 -9.85	52.72 2.44 -12.19	51.00 2.16 -14.07
GLENWOOD___5 23614	41.56 1.84 -10.53	35.62 1.82 -4.18	31.64 1.73 -1.81	34.08 1.70 -4.20	31.63 1.65 -1.77	36.97 1.66 -6.76	32.67 1.65 0.00	30.62 1.68 0.00	29.81 1.61 0.00	30.37 1.72 -0.58	50.37 2.00 -20.38	53.64 2.05 -23.63	47.83 2.00 -18.04	43.16 2.13 -8.03	45.80 1.86 -13.95	29.29 1.90 0.00	32.86 2.00 0.00	41.20 2.51 0.00	51.37 2.69 -8.01	44.73 2.66 0.00	49.03 2.75 -0.01	55.06 2.64 -9.85	52.72 2.44 -12.19	51.00 2.16 -14.07
GLOBAL GREEN_PORT_GT1 23814	39.19 2.59 -7.42	36.52 2.72 -4.18	32.57 2.66 -1.81	35.05 2.67 -4.20	32.45 2.47 -1.77	37.77 2.46 -6.76	33.34 2.32 0.00	31.47 2.52 0.00	30.48 2.28 0.00	30.51 2.08 -0.36	43.12 2.39 -12.74	45.18 2.45 -14.77	43.26 2.42 -13.05	46.28 2.24 -11.05	48.67 1.84 -16.85	31.22 2.02 -1.82	35.65 2.28 -2.50	45.84 3.08 -4.07	55.04 3.91 -10.47	50.66 3.82 -4.77	55.94 4.08 -5.59	58.91 4.13 -12.22	54.69 3.91 -12.69	47.02 3.46 -8.79
GLOBE___DSASP 323697	25.35 -2.88 0.95	26.71 -2.91 0.00	25.08 -3.03 0.00	24.89 -3.29 0.00	24.94 -3.27 0.00	25.55 -3.01 0.00	28.03 -3.00 0.00	26.29 -2.55 0.11	26.23 -1.97 0.00	26.43 -1.64 0.00	26.47 -1.52 0.00	26.35 -0.73 0.00	8.28 0.07 18.78	1.19 0.07 31.87	-28.22 -0.01 58.20	25.68 -1.71 0.00	28.20 -2.66 0.00	34.66 -4.03 0.00	35.87 -4.80 0.00	37.48 -4.59 0.00	41.20 -5.07 0.00	33.65 -4.45 4.47	34.01 -4.08 0.00	31.54 -3.22 0.00
GOETHSLN___LBMP 323567	30.65 1.47 0.00	31.05 1.43 0.00	29.47 1.37 0.00	29.51 1.33 0.00	29.49 1.28 0.00	29.83 1.28 0.00	32.35 1.32 0.00	30.39 1.45 0.00	29.64 1.44 0.00	29.62 1.55 0.00	29.67 1.68 0.00	29.70 1.75 0.00	34.29 1.74 -4.76	43.19 2.13 -8.07	46.64 1.92 -14.74	29.32 1.93 0.00	32.80 1.93 0.00	41.02 2.34 0.00	43.01 2.35 0.00	44.38 2.31 0.00	48.59 2.32 0.00	44.77 2.20 0.00	40.11 2.03 0.00	36.53 1.76 0.00
GOLAH___69_KV_TB 1_2 80279	27.80 -0.80 0.58	28.79 -0.83 0.00	27.15 -0.95 0.00	27.09 -1.10 0.00	27.10 -1.11 0.00	27.61 -0.94 0.00	30.16 -0.86 0.00	28.23 -0.65 0.07	27.88 -0.31 0.00	27.97 -0.10 0.00	27.96 -0.03 0.00	27.87 -0.08 0.00	15.82 0.28 12.25	12.94 0.73 20.78	-7.33 0.64 37.96	27.06 -0.32 0.00	30.20 -0.67 0.00	37.47 -1.21 0.00	39.08 -1.59 0.00	40.67 -1.41 0.00	44.75 -1.52 0.00	38.57 -1.40 2.61	36.70 -1.38 0.00	33.67 -1.09 0.00
GOODYEAR_LAKE_HYD 323669	30.32 0.84 -0.29	30.43 0.81 0.00	28.80 0.70 0.00	28.91 0.72 0.00	28.96 0.74 0.00	29.26 0.71 0.00	31.81 0.79 0.00	29.74 0.77 -0.03	28.98 0.78 0.00	28.88 0.81 0.00	28.86 0.88 0.00	28.85 0.89 0.00	54.36 1.06 -25.50	77.64 1.49 -43.17	109.56 1.37 -78.20	28.52 1.13 0.00	32.13 1.27 0.00	40.30 1.61 0.00	42.36 1.69 0.00	43.84 1.76 0.00	48.15 1.88 0.00	45.63 1.71 -1.34	39.58 1.49 0.00	36.05 1.29 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.30 -0.05 -1.16	29.53 -0.09 0.00	27.99 -0.12 0.00	28.06 -0.13 0.00	28.07 -0.14 0.00	28.43 -0.12 0.00	30.86 -0.16 0.00	28.96 -0.11 -0.13	28.16 -0.04 0.00	28.09 0.02 0.00	28.06 0.07 0.00	27.99 0.04 0.00	154.23 0.28 -126.15	247.53 0.56 -213.98	421.14 0.63 -390.53	26.87 -0.52 0.00	30.29 -0.57 0.00	37.87 -0.81 0.00	39.76 -0.91 0.00	41.27 -0.80 0.00	45.31 -0.96 0.00	49.06 -1.02 -7.50	37.17 -0.91 0.00	33.98 -0.79 0.00

GOWANUS_GT4_5 24134	30.88 1.70 0.00	31.30 1.68 0.00	29.70 1.60 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.60 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.86 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.54 1.98 -4.76	43.50 2.43 -8.08	46.91 2.18 -14.74	29.52 2.13 0.00	33.00 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
GOWANUS_GT4_6 24135	30.88 1.70 0.00	31.30 1.68 0.00	29.70 1.60 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.60 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.86 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.54 1.98 -4.76	43.50 2.43 -8.08	46.91 2.18 -14.74	29.52 2.13 0.00	33.00 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
GOWANUS_GT4_7 24136	30.88 1.70 0.00	31.30 1.68 0.00	29.70 1.60 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.60 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.86 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.54 1.98 -4.76	43.50 2.43 -8.08	46.91 2.18 -14.74	29.52 2.13 0.00	33.00 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
GOWANUS_GT4_8 24137	30.88 1.70 0.00	31.30 1.68 0.00	29.70 1.60 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.60 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.86 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.54 1.98 -4.76	43.50 2.43 -8.08	46.91 2.18 -14.74	29.52 2.13 0.00	33.00 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
GREATVR_69_KV_BK1 356245	39.05 2.28 -7.58	36.09 2.29 -4.18	32.10 2.19 -1.81	34.55 2.17 -4.20	32.08 2.10 -1.77	37.43 2.13 -6.76	33.05 2.03 0.00	30.97 2.02 0.00	30.07 1.87 0.00	30.35 1.91 -0.37	43.48 2.36 -13.14	45.59 2.41 -15.23	43.41 2.30 -13.31	45.43 2.10 -10.35	47.63 1.74 -15.90	30.66 1.88 -1.40	34.85 2.06 -1.92	44.53 2.70 -3.14	53.23 3.19 -9.37	48.79 3.04 -3.67	53.81 3.24 -4.31	56.84 3.25 -11.01	52.91 3.07 -11.76	46.53 2.69 -9.07
GREENBSH_115KV_TB3 55895	29.76 0.58 0.00	30.19 0.57 0.00	28.68 0.57 0.00	28.76 0.57 0.00	28.77 0.56 0.00	29.08 0.53 0.00	31.55 0.53 0.00	29.42 0.48 0.00	28.63 0.43 0.00	28.51 0.44 0.00	28.37 0.38 0.00	28.36 0.41 0.00	31.53 0.38 -3.36	39.10 0.41 -5.70	40.83 0.41 -10.44	27.99 0.60 0.00	31.55 0.68 0.00	39.41 0.73 0.00	41.53 0.86 0.00	42.80 0.72 0.00	47.07 0.81 0.00	43.36 0.79 0.00	38.84 0.76 0.00	35.46 0.70 0.00
GREENDGE_115KV_TB5 80291	26.84 -0.89 1.45	28.66 -0.96 0.00	27.13 -0.97 0.00	27.06 -1.12 0.00	27.06 -1.15 0.00	27.58 -0.97 0.00	29.94 -1.08 0.00	27.85 -0.93 0.16	27.57 -0.63 0.00	27.56 -0.51 0.00	27.49 -0.50 0.00	27.27 -0.69 0.00	-0.10 -0.31 27.58	-13.86 -0.05 46.80	-55.35 0.13 85.46	26.78 -0.61 0.00	30.10 -0.76 0.00	37.53 -1.16 0.00	39.28 -1.39 0.00	40.90 -1.17 0.00	44.85 -1.42 0.00	34.10 -1.53 6.95	36.73 -1.36 0.00	33.64 -1.12 0.00
GREENIDGE___3 23582	26.84 -0.89 1.45	28.66 -0.96 0.00	27.13 -0.97 0.00	27.06 -1.12 0.00	27.06 -1.15 0.00	27.58 -0.97 0.00	29.94 -1.08 0.00	27.85 -0.93 0.16	27.57 -0.63 0.00	27.56 -0.51 0.00	27.49 -0.50 0.00	27.27 -0.69 0.00	-0.10 -0.31 27.58	-13.86 -0.05 46.80	-55.35 0.13 85.46	26.78 -0.61 0.00	30.10 -0.76 0.00	37.53 -1.16 0.00	39.28 -1.39 0.00	40.90 -1.17 0.00	44.85 -1.42 0.00	34.10 -1.53 6.95	36.73 -1.36 0.00	33.64 -1.12 0.00
GREENIDGE___4 23583	26.84 -0.89 1.45	28.65 -0.96 0.00	27.14 -0.96 0.00	27.07 -1.11 0.00	27.06 -1.15 0.00	27.57 -0.98 0.00	29.95 -1.07 0.00	27.84 -0.94 0.16	27.57 -0.63 0.00	27.56 -0.51 0.00	27.49 -0.50 0.00	27.27 -0.69 0.00	-0.19 -0.40 27.58	-13.97 -0.17 46.80	-55.49 -0.01 85.46	26.77 -0.61 0.00	30.10 -0.77 0.00	37.53 -1.15 0.00	39.28 -1.39 0.00	40.90 -1.17 0.00	44.84 -1.42 0.00	34.09 -1.53 6.95	36.73 -1.36 0.00	33.64 -1.12 0.00
GREENLWN_69_KV_BK 3 55738	38.52 1.80 -7.54	35.60 1.80 -4.18	31.63 1.72 -1.81	34.08 1.70 -4.20	31.62 1.64 -1.77	36.95 1.65 -6.76	32.54 1.52 0.00	30.42 1.47 0.00	29.54 1.35 0.00	29.83 1.39 -0.37	42.91 1.87 -13.04	45.01 1.94 -15.12	42.79 1.75 -13.24	39.61 1.38 -5.24	39.72 1.12 -8.61	27.09 1.31 1.60	30.07 1.40 2.20	36.95 1.85 3.59	43.16 2.20 -0.30	39.95 2.07 4.20	43.51 2.15 4.91	45.75 2.21 -0.97	43.56 2.14 -3.33	45.73 1.97 -9.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.88 1.70 0.00	31.30 1.68 0.00	29.70 1.60 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.60 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.86 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.54 1.98 -4.76	43.50 2.43 -8.08	46.91 2.18 -14.74	29.52 2.13 0.00	33.00 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
GRISSOM___SOLAR 323813	30.38 1.19 0.00	30.83 1.21 0.00	29.18 1.08 0.00	29.25 1.07 0.00	29.34 1.12 0.00	29.71 1.16 0.00	32.23 1.21 0.00	29.60 0.66 0.00	28.52 0.32 0.00	28.35 0.28 0.00	27.97 -0.02 0.00	28.01 0.06 0.00	34.18 -0.01 -6.38	43.75 0.11 -10.65	48.55 0.30 -18.26	28.08 0.70 0.00	31.86 1.00 0.00	40.24 1.56 0.00	42.39 1.72 0.00	44.10 2.03 0.00	48.53 2.26 0.00	44.63 2.06 0.00	39.88 1.79 0.00	36.32 1.55 0.00
GROVEVILLE___HYD 323602	30.77 1.59 0.00	31.18 1.56 0.00	29.60 1.50 0.00	29.64 1.46 0.00	29.63 1.42 0.00	29.97 1.42 0.00	32.53 1.51 0.00	30.48 1.53 0.00	29.73 1.53 0.00	29.70 1.63 0.00	29.72 1.73 0.00	29.75 1.80 0.00	34.37 1.79 -4.79	43.31 2.20 -8.12	46.78 1.98 -14.81	29.32 1.93 0.00	32.90 2.04 0.00	41.19 2.51 0.00	43.28 2.62 0.00	44.68 2.60 0.00	48.98 2.72 0.00	45.07 2.50 0.00	40.34 2.26 0.00	36.71 1.95 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.62 -0.40 0.16	29.20 -0.42 0.00	27.69 -0.41 0.00	27.75 -0.43 0.00	27.77 -0.43 0.00	28.13 -0.42 0.00	30.57 -0.45 0.00	28.51 -0.42 0.02	27.83 -0.37 0.00	27.76 -0.31 0.00	27.71 -0.27 0.00	27.65 -0.31 0.00	22.21 -0.32 5.26	23.64 -0.42 8.92	13.31 -0.37 16.30	26.95 -0.44 0.00	30.36 -0.50 0.00	37.99 -0.69 0.00	39.89 -0.78 0.00	41.34 -0.74 0.00	45.42 -0.84 0.00	41.71 -0.86 0.00	37.29 -0.79 0.00	34.05 -0.72 0.00
HAMLTNNY_34_KV_TB 80303	28.62 -0.35 0.21	29.24 -0.37 0.00	27.73 -0.37 0.00	27.77 -0.40 0.00	27.79 -0.42 0.00	28.17 -0.39 0.00	30.62 -0.40 0.00	28.56 -0.36 0.02	27.91 -0.29 0.00	27.87 -0.20 0.00	27.81 -0.18 0.00	27.74 -0.21 0.00	21.38 -0.21 6.20	22.20 -0.27 10.52	10.51 -0.25 19.22	27.00 -0.39 0.00	30.41 -0.45 0.00	38.03 -0.66 0.00	39.90 -0.77 0.00	41.38 -0.70 0.00	45.47 -0.80 0.00	41.09 -0.82 0.66	37.32 -0.77 0.00	34.08 -0.68 0.00

HAMPSHIRE___PAPER_HYD 323593	27.75 -1.43 0.00	28.38 -1.24 0.00	26.89 -1.22 0.00	27.05 -1.13 0.00	27.11 -1.10 0.00	27.42 -1.12 0.00	29.77 -1.25 0.00	27.55 -1.40 0.00	26.57 -1.63 0.00	26.38 -1.69 0.00	26.30 -1.69 0.00	26.29 -1.66 0.00	26.13 -1.67 0.00	30.95 -2.04 0.00	28.20 -1.78 0.00	25.84 -1.54 0.00	29.42 -1.44 0.00	37.34 -1.35 0.00	39.47 -1.20 0.00	41.04 -1.03 0.00	45.19 -1.08 0.00	41.56 -1.01 0.00	37.09 -0.99 0.00	33.77 -0.99 0.00
HARDSCRABBLE_WT_PWR 323673	29.43 0.24 0.00	29.85 0.23 0.00	28.20 0.09 0.00	28.27 0.09 0.00	28.28 0.07 0.00	28.59 0.04 0.00	31.00 -0.02 0.00	28.72 -0.22 0.00	27.81 -0.39 0.00	27.68 -0.39 0.00	27.54 -0.46 0.00	27.59 -0.36 0.00	27.50 -0.30 0.00	32.69 -0.30 0.00	29.86 -0.13 0.00	27.61 0.22 0.00	31.32 0.46 0.00	39.37 0.69 0.00	41.56 0.90 0.00	42.98 0.91 0.00	47.26 0.99 0.00	43.50 0.93 0.00	38.99 0.91 0.00	35.53 0.76 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.79 1.48 -0.12	31.07 1.45 0.00	29.48 1.37 0.00	29.52 1.34 0.00	29.51 1.30 0.00	29.87 1.32 0.00	32.40 1.38 0.00	30.39 1.43 -0.01	29.61 1.41 0.00	29.57 1.51 0.00	29.60 1.61 0.00	29.63 1.68 0.00	34.65 1.68 -5.16	43.89 2.14 -8.76	47.91 1.93 -15.99	29.25 1.87 0.00	32.79 1.92 0.00	41.04 2.36 0.00	43.09 2.42 0.00	44.50 2.43 0.00	48.77 2.51 0.00	44.88 2.30 0.00	40.18 2.10 0.00	36.57 1.80 0.00
HARSNRAD_115KV_TB1 81005	25.85 -2.42 0.91	27.19 -2.43 0.00	25.53 -2.57 0.00	25.34 -2.84 0.00	25.39 -2.82 0.00	25.99 -2.56 0.00	28.51 -2.51 0.00	26.72 -2.12 0.10	26.67 -1.53 0.00	26.86 -1.21 0.00	26.90 -1.09 0.00	26.80 -1.16 0.00	9.34 -0.35 18.11	2.73 0.46 30.72	-25.77 0.34 56.10	25.94 -1.45 0.00	28.60 -2.27 0.00	35.16 -3.52 0.00	36.40 -4.26 0.00	38.05 -4.03 0.00	41.81 -4.46 0.00	34.38 -3.91 4.28	34.46 -3.62 0.00	31.93 -2.83 0.00
HARZA MOOSE___RIVER 24016	28.63 -0.56 0.00	29.29 -0.33 0.00	27.73 -0.38 0.00	27.89 -0.30 0.00	27.90 -0.31 0.00	28.23 -0.32 0.00	30.59 -0.43 0.00	28.32 -0.62 0.00	27.38 -0.82 0.00	27.26 -0.82 0.00	27.20 -0.79 0.00	27.19 -0.76 0.00	27.10 -0.70 0.00	32.20 -0.79 0.00	29.35 -0.64 0.00	26.88 -0.50 0.00	30.60 -0.26 0.00	38.80 0.11 0.00	40.97 0.30 0.00	42.48 0.40 0.00	46.71 0.43 0.00	42.92 0.35 0.00	38.30 0.22 0.00	34.86 0.09 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.65 -0.54 0.00	29.05 -0.57 0.00	27.55 -0.55 0.00	27.61 -0.57 0.00	27.64 -0.57 0.00	27.99 -0.56 0.00	30.42 -0.61 0.00	28.40 -0.55 0.00	27.70 -0.50 0.00	27.64 -0.43 0.00	27.58 -0.41 0.00	27.54 -0.42 0.00	23.23 -0.44 4.13	25.43 -0.55 7.00	16.70 -0.49 12.79	26.83 -0.56 0.00	30.21 -0.65 0.00	37.79 -0.89 0.00	39.68 -0.99 0.00	41.10 -0.97 0.00	45.18 -1.09 0.00	41.50 -1.08 0.00	37.11 -0.98 0.00	33.88 -0.88 0.00
HELLGATE_13_KV_LD 55870	30.86 1.68 0.00	31.25 1.63 0.00	29.67 1.56 0.00	29.70 1.52 0.00	29.67 1.46 0.00	30.04 1.48 0.00	32.55 1.53 0.00	30.62 1.67 0.00	29.90 1.70 0.00	29.90 1.82 0.00	29.95 1.96 0.00	29.99 2.03 0.00	34.54 1.98 -4.76	43.46 2.39 -8.07	46.86 2.14 -14.74	29.55 2.17 0.00	33.04 2.17 0.00	41.28 2.59 0.00	43.23 2.57 0.00	44.62 2.55 0.00	48.80 2.53 0.00	44.98 2.41 0.00	40.34 2.26 0.00	36.73 1.97 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.86 1.68 0.00	31.25 1.63 0.00	29.67 1.56 0.00	29.70 1.52 0.00	29.67 1.46 0.00	30.04 1.48 0.00	32.55 1.53 0.00	30.62 1.67 0.00	29.90 1.70 0.00	29.90 1.82 0.00	29.95 1.96 0.00	29.99 2.03 0.00	34.54 1.98 -4.76	43.46 2.39 -8.07	46.86 2.14 -14.74	29.55 2.17 0.00	33.04 2.17 0.00	41.28 2.59 0.00	43.23 2.57 0.00	44.62 2.55 0.00	48.80 2.53 0.00	44.98 2.41 0.00	40.34 2.26 0.00	36.73 1.97 0.00
HEMPSTEAD___ 23647	40.78 1.94 -9.66	35.71 1.92 -4.18	31.73 1.82 -1.81	34.17 1.78 -4.20	31.72 1.74 -1.77	37.06 1.75 -6.76	32.72 1.69 0.00	30.64 1.70 0.00	29.81 1.61 0.00	30.28 1.69 -0.52	48.22 2.06 -18.18	51.14 2.11 -21.08	46.47 2.05 -16.62	43.03 2.03 -8.01	45.23 1.73 -13.51	29.19 1.81 0.00	32.79 1.92 0.00	41.14 2.46 0.00	50.55 2.72 0.00	44.73 2.65 0.00	49.04 2.76 -0.01	54.04 2.68 -8.78	51.48 2.53 -10.87	49.56 2.24 -12.56
HICKLING___1 23621	25.26 -1.52 2.41	27.99 -1.62 0.00	26.51 -1.59 0.00	26.43 -1.76 0.00	26.37 -1.83 0.00	26.94 -1.61 0.00	29.10 -1.93 0.00	26.94 -1.73 0.27	26.82 -1.37 0.01	26.81 -1.26 0.00	26.77 -1.22 0.00	26.50 -1.45 0.00	-17.64 -0.87 44.57	-43.13 -0.52 75.61	-108.34 -0.25 138.07	26.17 -1.22 0.00	29.43 -1.43 0.00	36.64 -2.04 0.00	38.32 -2.35 0.00	39.92 -2.15 0.00	43.65 -2.62 0.00	27.99 -2.77 11.81	35.78 -2.31 0.00	32.84 -1.92 0.00
HICKLING___2 23622	25.26 -1.52 2.41	27.99 -1.62 0.00	26.51 -1.59 0.00	26.43 -1.76 0.00	26.37 -1.83 0.00	26.94 -1.61 0.00	29.10 -1.93 0.00	26.94 -1.73 0.27	26.82 -1.37 0.01	26.81 -1.26 0.00	26.77 -1.22 0.00	26.50 -1.45 0.00	-17.64 -0.87 44.57	-43.13 -0.52 75.61	-108.34 -0.25 138.07	26.17 -1.22 0.00	29.43 -1.43 0.00	36.64 -2.04 0.00	38.32 -2.35 0.00	39.92 -2.15 0.00	43.65 -2.62 0.00	27.99 -2.77 11.81	35.78 -2.31 0.00	32.84 -1.92 0.00
HIGH FALLS___HY 23754	30.91 1.60 -0.12	31.17 1.56 0.00	29.58 1.48 0.00	29.63 1.45 0.00	29.62 1.41 0.00	29.96 1.41 0.00	32.53 1.51 0.00	30.55 1.59 -0.01	29.80 1.60 0.00	29.77 1.69 0.00	29.83 1.84 0.00	29.86 1.91 0.00	35.41 1.93 -5.68	45.05 2.42 -9.64	49.79 2.20 -17.60	29.44 2.06 0.00	33.04 2.17 0.00	41.38 2.70 0.00	43.48 2.82 0.00	44.91 2.83 0.00	49.21 2.94 0.00	45.28 2.71 0.00	40.48 2.40 0.00	36.84 2.07 0.00
HIGH_RIVER___SOLAR 323847	30.29 1.11 0.00	30.74 1.13 0.00	29.11 1.01 0.00	29.19 1.00 0.00	29.25 1.04 0.00	29.61 1.06 0.00	32.13 1.11 0.00	29.58 0.63 0.00	28.57 0.37 0.00	28.44 0.36 0.00	28.22 0.23 0.00	28.21 0.25 0.00	34.17 0.22 -6.14	43.28 0.43 -9.86	44.89 0.55 -14.35	28.04 0.66 0.00	31.68 0.81 0.00	39.86 1.18 0.00	42.02 1.35 0.00	43.56 1.48 0.00	47.92 1.66 0.00	44.11 1.54 0.00	39.45 1.36 0.00	35.96 1.19 0.00
HILLBURN___GT 23639	30.69 1.39 -0.12	30.97 1.36 0.00	29.38 1.28 0.00	29.44 1.26 0.00	29.42 1.21 0.00	29.77 1.22 0.00	32.30 1.27 0.00	30.31 1.35 -0.01	29.51 1.31 0.00	29.47 1.40 0.00	29.50 1.51 0.00	29.53 1.58 0.00	34.47 1.60 -5.08	43.64 2.04 -8.61	47.54 1.85 -15.71	29.15 1.77 0.00	32.65 1.79 0.00	40.86 2.18 0.00	42.89 2.23 0.00	44.30 2.22 0.00	48.54 2.28 0.00	44.66 2.09 0.00	40.00 1.92 0.00	36.40 1.63 0.00
HILLSIDE_115KV_TB1 80332	24.69 -1.75 2.75	27.76 -1.85 0.00	26.29 -1.81 0.00	26.26 -1.92 0.00	26.22 -1.99 0.00	26.74 -1.81 0.00	28.86 -2.17 0.31	26.67 -1.97 0.01	26.50 -1.69 0.01	26.51 -1.56 0.00	26.21 -1.48 0.00	26.21 -1.74 0.00	-23.93 -53.72 50.52	-127.30 -1.02 85.70	25.77 -0.79 156.49	29.01 -1.61 0.00	36.14 -1.85 0.00	37.84 -2.83 0.00	39.38 -2.70 0.00	43.05 -3.22 0.00	25.71 -3.35 13.51	35.31 -2.77 0.00	32.38 -2.38 0.00	

HISHELDN_WT_PWR 323625	25.47 -2.48 1.23	27.25 -2.37 0.00	25.59 -2.51 0.00	25.37 -2.82 0.00	25.36 -2.85 0.00	25.97 -2.58 0.00	28.33 -2.69 0.00	26.37 -2.44 0.14	26.37 -1.82 0.00	26.49 -1.58 0.00	26.53 -1.46 0.00	26.46 -1.49 0.00	3.20 -0.75 23.85	-7.57 -0.10 40.46	-43.90 0.00 73.89	25.92 -1.47 0.00	28.84 -2.03 0.00	35.61 -3.08 0.00	37.00 -3.67 0.00	38.62 -3.45 0.00	42.33 -3.94 0.00	33.09 -3.58 5.91	34.92 -3.17 0.00	32.28 -2.48 0.00
HOLTSVILLE_IC_1 23690	38.53 1.94 -7.41	35.77 1.97 -4.18	31.81 1.91 -1.81	34.29 1.91 -4.20	31.81 1.83 -1.77	37.14 1.84 -6.76	32.70 1.68 0.00	30.69 1.75 0.00	29.77 1.57 0.00	29.95 1.51 -0.36	42.62 1.91 -12.72	44.66 1.96 -14.74	42.68 1.85 -13.03	45.75 1.57 -11.19	48.28 1.24 -17.05	30.71 1.43 -1.90	35.04 1.56 -2.61	45.02 2.07 -4.26	53.95 2.57 -10.71	49.49 2.42 -4.99	54.68 2.56 -5.85	57.73 2.67 -12.48	53.58 2.59 -12.91	45.83 2.29 -8.78
HOLTSVILLE_IC_10 23699	38.68 2.04 -7.45	35.86 2.06 -4.18	31.90 2.00 -1.81	34.38 2.00 -4.20	31.91 1.93 -1.77	37.24 1.93 -6.76	32.80 1.78 0.00	30.80 1.86 0.00	29.87 1.67 0.00	30.05 1.62 -0.36	42.82 2.00 -12.83	44.90 2.07 -14.87	42.86 1.96 -13.10	45.28 1.69 -10.60	47.56 1.35 -16.22	30.46 1.52 -1.55	34.67 1.67 -2.13	44.39 2.23 -3.47	53.14 2.77 -9.70	48.77 2.63 -4.07	53.82 2.78 -4.77	56.81 2.87 -11.37	52.85 2.77 -12.00	46.05 2.44 -8.85
HOLTSVILLE_IC_2 23691	38.53 1.94 -7.41	35.77 1.97 -4.18	31.81 1.91 -1.81	34.29 1.91 -4.20	31.81 1.83 -1.77	37.14 1.84 -6.76	32.70 1.68 0.00	30.69 1.75 0.00	29.77 1.57 0.00	29.95 1.51 -0.36	42.62 1.91 -12.72	44.66 1.96 -14.74	42.68 1.85 -13.03	45.75 1.57 -11.19	48.28 1.24 -17.05	30.71 1.43 -1.90	35.04 1.56 -2.61	45.02 2.07 -4.26	53.95 2.57 -10.71	49.49 2.42 -4.99	54.68 2.56 -5.85	57.73 2.67 -12.48	53.58 2.59 -12.91	45.83 2.29 -8.78
HOLTSVILLE_IC_3 23692	38.53 1.94 -7.41	35.77 1.97 -4.18	31.81 1.91 -1.81	34.29 1.91 -4.20	31.81 1.83 -1.77	37.14 1.84 -6.76	32.70 1.68 0.00	30.69 1.75 0.00	29.77 1.57 0.00	29.95 1.51 -0.36	42.62 1.91 -12.72	44.66 1.96 -14.74	42.68 1.85 -13.03	45.75 1.57 -11.19	48.28 1.24 -17.05	30.71 1.43 -1.90	35.04 1.56 -2.61	45.02 2.07 -4.26	53.95 2.57 -10.71	49.49 2.42 -4.99	54.68 2.56 -5.85	57.73 2.67 -12.48	53.58 2.59 -12.91	45.83 2.29 -8.78
HOLTSVILLE_IC_4 23693	38.53 1.94 -7.41	35.77 1.97 -4.18	31.81 1.91 -1.81	34.29 1.91 -4.20	31.81 1.83 -1.77	37.14 1.84 -6.76	32.70 1.68 0.00	30.69 1.75 0.00	29.77 1.57 0.00	29.95 1.51 -0.36	42.62 1.91 -12.72	44.66 1.96 -14.74	42.68 1.85 -13.03	45.75 1.57 -11.19	48.28 1.24 -17.05	30.71 1.43 -1.90	35.04 1.56 -2.61	45.02 2.07 -4.26	53.95 2.57 -10.71	49.49 2.42 -4.99	54.68 2.56 -5.85	57.73 2.67 -12.48	53.58 2.59 -12.91	45.83 2.29 -8.78
HOLTSVILLE_IC_5 23694	38.53 1.94 -7.41	35.77 1.97 -4.18	31.81 1.91 -1.81	34.29 1.91 -4.20	31.81 1.83 -1.77	37.14 1.84 -6.76	32.70 1.68 0.00	30.69 1.75 0.00	29.77 1.57 0.00	29.95 1.51 -0.36	42.62 1.91 -12.72	44.66 1.96 -14.74	42.68 1.85 -13.03	45.75 1.57 -11.19	48.28 1.24 -17.05	30.71 1.43 -1.90	35.04 1.56 -2.61	45.02 2.07 -4.26	53.95 2.57 -10.71	49.49 2.42 -4.99	54.68 2.56 -5.85	57.73 2.67 -12.48	53.58 2.59 -12.91	45.83 2.29 -8.78
HOLTSVILLE_IC_6 23695	38.68 2.04 -7.45	35.86 2.06 -4.18	31.90 2.00 -1.81	34.38 2.00 -4.20	31.91 1.93 -1.77	37.24 1.93 -6.76	32.80 1.78 0.00	30.80 1.86 0.00	29.87 1.67 0.00	30.05 1.62 -0.36	42.82 2.00 -12.83	44.90 2.07 -14.87	42.86 1.96 -13.10	45.28 1.69 -10.60	47.56 1.35 -16.22	30.46 1.52 -1.55	34.67 1.67 -2.13	44.39 2.23 -3.47	53.14 2.77 -9.70	48.77 2.63 -4.07	53.82 2.78 -4.77	56.81 2.87 -11.37	52.85 2.77 -12.00	46.05 2.44 -8.85
HOLTSVILLE_IC_7 23696	38.68 2.04 -7.45	35.86 2.06 -4.18	31.90 2.00 -1.81	34.38 2.00 -4.20	31.91 1.93 -1.77	37.24 1.93 -6.76	32.80 1.78 0.00	30.80 1.86 0.00	29.87 1.67 0.00	30.05 1.62 -0.36	42.82 2.00 -12.83	44.90 2.07 -14.87	42.86 1.96 -13.10	45.28 1.69 -10.60	47.56 1.35 -16.22	30.46 1.52 -1.55	34.67 1.67 -2.13	44.39 2.23 -3.47	53.14 2.77 -9.70	48.77 2.63 -4.07	53.82 2.78 -4.77	56.81 2.87 -11.37	52.85 2.77 -12.00	46.05 2.44 -8.85
HOLTSVILLE_IC_8 23697	38.68 2.04 -7.45	35.86 2.06 -4.18	31.90 2.00 -1.81	34.38 2.00 -4.20	31.91 1.93 -1.77	37.24 1.93 -6.76	32.80 1.78 0.00	30.80 1.86 0.00	29.87 1.67 0.00	30.05 1.62 -0.36	42.82 2.00 -12.83	44.90 2.07 -14.87	42.86 1.96 -13.10	45.28 1.69 -10.60	47.56 1.35 -16.22	30.46 1.52 -1.55	34.67 1.67 -2.13	44.39 2.23 -3.47	53.14 2.77 -9.70	48.77 2.63 -4.07	53.82 2.78 -4.77	56.81 2.87 -11.37	52.85 2.77 -12.00	46.05 2.44 -8.85
HOLTSVILLE_IC_9 23698	38.68 2.04 -7.45	35.86 2.06 -4.18	31.90 2.00 -1.81	34.38 2.00 -4.20	31.91 1.93 -1.77	37.24 1.93 -6.76	32.80 1.78 0.00	30.80 1.86 0.00	29.87 1.67 0.00	30.05 1.62 -0.36	42.82 2.00 -12.83	44.90 2.07 -14.87	42.86 1.96 -13.10	45.28 1.69 -10.60	47.56 1.35 -16.22	30.46 1.52 -1.55	34.67 1.67 -2.13	44.39 2.23 -3.47	53.14 2.77 -9.70	48.77 2.63 -4.07	53.82 2.78 -4.77	56.81 2.87 -11.37	52.85 2.77 -12.00	46.05 2.44 -8.85
HOMER_HL_115KV_TB2 355744	25.95 -2.00 1.24	27.72 -1.90 0.00	26.11 -2.00 0.00	26.01 -2.17 0.00	25.96 -2.25 0.00	26.50 -2.05 0.00	28.84 -2.18 0.00	26.96 -1.85 0.14	26.67 -1.52 0.00	26.74 -1.32 0.00	26.72 -1.27 0.00	26.62 -1.34 0.00	3.23 -0.51 24.06	-7.72 0.10 40.81	-44.46 0.09 74.54	25.91 -1.48 0.00	29.01 -1.86 0.00	35.92 -2.77 0.00	37.33 -3.33 0.00	39.00 -3.08 0.00	42.80 -3.47 0.00	33.37 -3.24 5.97	35.14 -2.95 0.00	32.38 -2.38 0.00
HOWARD_WT_PWR 323690	25.55 -2.04 1.60	27.28 -2.34 0.00	25.93 -2.18 0.00	25.67 -2.51 0.00	25.61 -2.60 0.00	26.29 -2.26 0.00	28.49 -2.53 0.00	26.35 -2.41 0.18	26.56 -1.64 0.00	26.37 -1.71 0.00	26.21 -1.77 0.00	25.84 -2.11 0.00	-3.68 -1.29 30.19	-18.80 -0.57 51.22	-63.57 -0.02 93.54	26.14 -1.25 0.00	29.51 -1.36 0.00	36.75 -1.94 0.00	38.25 -2.42 0.00	40.03 -2.05 0.00	43.74 -2.53 0.00	32.25 -2.61 7.71	35.80 -2.28 0.00	33.03 -1.73 0.00
HQ_GEN_CEDARS 23644	29.08 -0.10 0.00	29.56 -0.06 0.00	28.05 -0.05 0.00	28.14 -0.05 0.00	28.20 -0.01 0.00	28.58 0.03 0.00	31.13 0.11 0.00	28.99 0.05 0.00	28.18 -0.02 0.00	27.93 -0.13 0.00	27.82 -0.17 0.00	27.75 -0.20 0.00	27.51 -0.29 0.00	32.53 -0.46 0.00	29.56 -0.42 0.00	27.02 -0.36 0.00	30.55 -0.32 0.00	38.52 -0.17 0.00	40.54 -0.12 0.00	42.08 0.00 0.00	46.34 0.07 0.00	42.63 0.06 0.00	38.10 0.02 0.00	34.77 0.01 0.00
HQ_GEN_CEDARS_PROXY 323590	29.09 -0.10 0.00	29.56 -0.06 0.00	28.05 -0.05 0.00	28.14 -0.05 0.00	28.20 -0.01 0.00	28.58 0.03 0.00	31.13 0.11 0.00	28.99 0.05 0.00	28.18 -0.02 0.00	27.94 -0.13 0.00	27.82 -0.17 0.00	27.75 -0.20 0.00	27.52 -0.28 0.00	32.54 -0.45 0.00	29.57 -0.42 0.00	27.02 -0.36 0.00	30.55 -0.32 0.00	38.52 -0.17 0.00	40.55 -0.12 0.00	42.08 0.00 0.00	46.34 0.07 0.00	42.63 0.06 0.00	38.10 0.02 0.00	34.77 0.01 0.00

HQ_GEN_CHPE_PROXY 323851	30.69 1.50 0.00	31.08 1.46 0.00	29.49 1.39 0.00	29.54 1.36 0.00	29.51 1.31 0.00	29.86 1.31 0.00	32.37 1.34 0.00	30.41 1.46 0.00	29.65 1.47 0.02	29.65 1.58 0.00	29.71 1.72 0.00	29.75 1.79 0.00	34.33 1.77 -4.76	43.22 2.16 -8.07	46.66 1.94 -14.74	29.32 1.93 0.00	32.81 1.94 0.00	40.80 2.34 0.22	43.02 2.36 0.00	44.39 2.32 0.00	48.60 2.33 0.00	44.78 2.21 0.00	40.13 2.05 0.00	36.54 1.78 0.00
HQ_GEN_IMPORT 323601	29.27 0.09 0.00	29.73 0.11 0.00	28.20 0.09 0.00	28.28 0.09 0.00	28.34 0.12 0.00	28.69 0.13 0.00	31.20 0.18 0.00	29.11 0.17 0.00	28.36 0.16 0.00	28.19 0.11 0.00	28.09 0.09 0.00	28.04 0.08 0.00	27.85 0.05 0.00	33.01 0.02 0.00	30.00 0.01 0.00	27.39 0.00 0.00	30.90 0.03 0.00	38.59 0.12 0.22	40.80 0.13 0.00	42.25 0.17 0.00	46.49 0.22 0.00	42.77 0.20 0.00	38.25 0.16 0.00	34.92 0.15 0.00
HQ_GEN_WHEEL 23651	29.27 0.09 0.00	29.73 0.11 0.00	28.20 0.09 0.00	28.28 0.09 0.00	28.34 0.12 0.00	28.69 0.13 0.00	31.20 0.18 0.00	29.11 0.17 0.00	28.36 0.16 0.00	28.19 0.11 0.00	28.09 0.09 0.00	28.04 0.08 0.00	27.85 0.05 0.00	33.01 0.02 0.00	30.00 0.01 0.00	27.39 0.00 0.00	30.90 0.03 0.00	38.59 0.12 0.22	40.80 0.13 0.00	42.25 0.17 0.00	46.49 0.22 0.00	42.77 0.20 0.00	38.25 0.16 0.00	34.92 0.15 0.00
HUDSON AVE_GT_3 23810	30.76 1.58 0.00	31.15 1.54 0.00	29.57 1.47 0.00	29.60 1.42 0.00	29.59 1.38 0.00	29.93 1.38 0.00	32.45 1.43 0.00	30.49 1.54 0.00	29.75 1.55 0.00	29.73 1.66 0.00	29.79 1.81 0.00	29.83 1.88 0.00	34.41 1.86 -4.76	43.32 2.26 -8.07	46.75 2.03 -14.74	29.40 2.01 0.00	32.91 2.05 0.00	41.16 2.47 0.00	43.15 2.48 0.00	44.54 2.46 0.00	48.76 2.49 0.00	44.93 2.36 0.00	40.25 2.16 0.00	36.65 1.88 0.00
HUDSON AVE_GT_4 23540	30.76 1.58 0.00	31.15 1.54 0.00	29.57 1.47 0.00	29.60 1.42 0.00	29.59 1.38 0.00	29.93 1.38 0.00	32.45 1.43 0.00	30.49 1.54 0.00	29.75 1.55 0.00	29.73 1.66 0.00	29.79 1.81 0.00	29.83 1.88 0.00	34.41 1.86 -4.76	43.32 2.26 -8.07	46.75 2.03 -14.74	29.40 2.01 0.00	32.91 2.05 0.00	41.16 2.47 0.00	43.15 2.48 0.00	44.54 2.46 0.00	48.76 2.49 0.00	44.93 2.36 0.00	40.25 2.16 0.00	36.65 1.88 0.00
HUDSON AVE_GT_5 23657	30.76 1.58 0.00	31.15 1.54 0.00	29.57 1.47 0.00	29.60 1.42 0.00	29.59 1.38 0.00	29.93 1.38 0.00	32.45 1.43 0.00	30.49 1.54 0.00	29.75 1.55 0.00	29.73 1.66 0.00	29.79 1.81 0.00	29.83 1.88 0.00	34.41 1.86 -4.76	43.32 2.26 -8.07	46.75 2.03 -14.74	29.40 2.01 0.00	32.91 2.05 0.00	41.16 2.47 0.00	43.15 2.48 0.00	44.54 2.46 0.00	48.76 2.49 0.00	44.93 2.36 0.00	40.25 2.16 0.00	36.65 1.88 0.00
HUDSON_AVE_10 24168	30.61 1.43 0.00	30.99 1.38 0.01	29.41 1.32 0.02	29.45 1.28 0.01	29.44 1.23 0.00	29.78 1.23 0.00	32.30 1.28 0.00	30.37 1.43 0.00	29.63 1.42 0.00	29.61 1.53 0.00	29.65 1.67 0.00	29.70 1.75 0.00	34.29 1.73 -4.76	43.18 2.12 -8.07	46.61 1.89 -14.74	29.28 1.89 0.00	32.76 1.89 0.00	40.96 2.27 0.00	42.94 2.27 0.00	44.31 2.23 0.00	48.48 2.22 0.00	44.70 2.13 0.00	40.06 1.98 0.00	36.48 1.72 0.00
HUDSON___115KV_TB 4 355613	30.28 1.10 0.00	30.70 1.08 0.00	29.16 1.06 0.00	29.25 1.06 0.00	29.26 1.04 0.00	29.60 1.05 0.00	32.13 1.11 0.00	29.90 0.96 0.00	28.96 0.76 0.00	28.83 0.76 0.00	28.65 0.66 0.00	28.63 0.68 0.00	31.97 0.61 -3.56	39.74 0.71 -6.04	41.76 0.73 -11.05	28.36 0.97 0.00	32.07 1.21 0.00	40.17 1.49 0.00	42.39 1.72 0.00	43.77 1.69 0.00	48.13 1.86 0.00	44.29 1.72 0.00	39.62 1.54 0.00	36.13 1.37 0.00
HUNTER MOUNT___DRP 323613	30.39 1.21 0.00	30.81 1.19 0.00	29.26 1.16 0.00	29.36 1.18 0.00	29.37 1.16 0.00	29.72 1.17 0.00	32.28 1.26 0.00	30.04 1.09 0.00	29.10 0.90 0.00	28.96 0.89 0.00	28.75 0.76 0.00	28.74 0.78 0.00	32.28 0.68 -3.81	40.26 0.81 -6.46	42.63 0.83 -11.81	28.46 1.07 0.00	32.22 1.36 0.00	40.39 1.71 0.00	42.61 1.94 0.00	44.00 1.92 0.00	48.38 2.11 0.00	44.52 1.95 0.00	39.81 1.72 0.00	36.29 1.53 0.00
HUNTINGTON_RES_REC 323705	38.56 1.90 -7.47	35.71 1.91 -4.18	31.74 1.83 -1.81	34.20 1.82 -4.20	31.74 1.76 -1.77	37.08 1.77 -6.76	32.65 1.63 0.00	30.57 1.62 0.00	29.67 1.47 0.00	29.92 1.48 -0.36	42.81 1.95 -12.87	44.89 2.02 -14.92	42.79 1.87 -13.13	41.74 1.52 -7.23	42.62 1.22 -11.41	28.35 1.40 0.44	31.79 1.52 0.59	39.74 2.02 0.97	46.87 2.46 -3.75	43.27 2.33 1.13	47.39 2.44 1.32	49.87 2.51 -4.78	46.99 2.41 -6.49	45.82 2.18 -8.88
HUNTLEY___63 23557	25.95 -2.27 0.97	27.35 -2.27 0.00	25.67 -2.43 0.00	25.48 -2.70 0.00	25.53 -2.68 0.00	26.13 -2.41 0.00	28.65 -2.37 0.00	26.87 -1.96 0.11	26.81 -1.39 0.00	27.01 -1.06 0.00	27.07 -0.92 0.00	26.96 -1.00 0.00	8.47 -0.16 19.17	1.16 0.70 32.52	-28.83 0.58 59.40	26.17 -1.21 0.00	28.84 -2.02 0.00	35.51 -3.17 0.00	36.78 -3.89 0.00	38.41 -3.67 0.00	42.22 -4.05 0.00	34.42 -3.58 4.58	34.80 -3.29 0.00	32.21 -2.55 0.00
HUNTLEY___64 23558	25.95 -2.27 0.97	27.35 -2.27 0.00	25.67 -2.43 0.00	25.48 -2.70 0.00	25.53 -2.68 0.00	26.13 -2.41 0.00	28.65 -2.37 0.00	26.87 -1.96 0.11	26.81 -1.39 0.00	27.01 -1.06 0.00	27.07 -0.92 0.00	26.96 -1.00 0.00	8.47 -0.16 19.17	1.16 0.70 32.52	-28.83 0.58 59.40	26.17 -1.21 0.00	28.84 -2.02 0.00	35.51 -3.17 0.00	36.78 -3.89 0.00	38.41 -3.67 0.00	42.22 -4.05 0.00	34.42 -3.58 4.58	34.80 -3.29 0.00	32.21 -2.55 0.00
HUNTLEY___65 23559	25.95 -2.27 0.97	27.35 -2.27 0.00	25.67 -2.43 0.00	25.48 -2.70 0.00	25.53 -2.68 0.00	26.13 -2.41 0.00	28.65 -2.37 0.00	26.87 -1.96 0.11	26.81 -1.39 0.00	27.01 -1.06 0.00	27.07 -0.92 0.00	26.96 -1.00 0.00	8.47 -0.16 19.17	1.16 0.70 32.52	-28.83 0.58 59.40	26.17 -1.21 0.00	28.84 -2.02 0.00	35.51 -3.17 0.00	36.78 -3.89 0.00	38.41 -3.67 0.00	42.22 -4.05 0.00	34.42 -3.58 4.58	34.80 -3.29 0.00	32.21 -2.55 0.00
HUNTLEY___66 23560	25.95 -2.27 0.97	27.35 -2.27 0.00	25.67 -2.43 0.00	25.48 -2.70 0.00	25.53 -2.68 0.00	26.13 -2.41 0.00	28.65 -2.37 0.00	26.87 -1.96 0.11	26.81 -1.39 0.00	27.01 -1.06 0.00	27.07 -0.92 0.00	26.96 -1.00 0.00	8.47 -0.16 19.17	1.16 0.70 32.52	-28.83 0.58 59.40	26.17 -1.21 0.00	28.84 -2.02 0.00	35.51 -3.17 0.00	36.78 -3.89 0.00	38.41 -3.67 0.00	42.22 -4.05 0.00	34.42 -3.58 4.58	34.80 -3.29 0.00	32.21 -2.55 0.00
HUNTLEY___67 23561	25.73 -2.45 1.01	27.18 -2.43 0.00	25.53 -2.58 0.00	25.34 -2.84 0.00	25.38 -2.83 0.00	25.97 -2.58 0.00	28.44 -2.58 0.00	26.64 -2.19 0.11	26.58 -1.62 0.00	26.76 -1.31 0.00	26.82 -1.17 0.00	26.71 -1.25 0.00	7.45 -0.45 19.90	-0.49 0.28 33.76	-31.46 0.21 61.65	25.91 -1.48 0.00	28.67 -2.20 0.00	35.33 -3.36 0.00	36.61 -4.06 0.00	38.22 -3.86 0.00	41.99 -4.28 0.00	33.99 -3.80 4.79	34.62 -3.47 0.00	32.03 -2.73 0.00

HUNTLEY___68 23562	25.73 -2.45 1.01	27.18 -2.43 0.00	25.53 -2.58 0.00	25.34 -2.84 0.00	25.38 -2.83 0.00	25.97 -2.58 0.00	28.44 -2.58 0.00	26.64 -2.19 0.11	26.58 -1.62 0.00	26.76 -1.31 0.00	26.82 -1.17 0.00	26.71 -1.25 0.00	7.45 -0.45 19.90	-0.49 0.28 33.76	-31.46 0.21 61.65	25.91 -1.48 0.00	28.67 -2.20 0.00	35.33 -3.36 0.00	36.61 -4.06 0.00	38.22 -3.86 0.00	41.99 -4.28 0.00	33.99 -3.80 4.79	34.62 -3.47 0.00	32.03 -2.73 0.00
HYLAND___LFGE 323620	27.79 -0.23 1.16	29.29 -0.33 0.00	27.66 -0.44 0.00	27.51 -0.67 0.00	27.46 -0.75 0.00	28.14 -0.41 0.00	30.68 -0.34 0.00	28.62 -0.20 0.13	28.49 0.29 0.00	28.39 0.32 0.00	28.31 0.32 0.00	27.96 0.00 0.00	5.68 0.46 22.58	-4.08 1.24 38.31	-38.72 1.26 69.96	27.43 0.04 0.00	30.88 0.02 0.00	38.45 -0.23 0.00	40.13 -0.54 0.00	42.14 0.06 0.00	46.37 0.10 0.00	36.97 -0.06 5.54	37.89 -0.19 0.00	34.73 -0.03 0.00
INDECK___CORINTH 23802	30.40 1.22 0.00	30.89 1.27 0.00	29.32 1.21 0.00	29.40 1.22 0.00	29.44 1.23 0.00	29.80 1.25 0.00	32.35 1.33 0.00	30.03 1.09 0.00	29.11 0.91 0.00	28.87 0.80 0.00	28.74 0.75 0.00	28.68 0.72 0.00	31.95 0.65 -3.50	39.77 0.83 -5.95	41.72 0.81 -10.93	28.44 1.05 0.00	32.37 1.51 0.00	40.68 2.00 0.00	42.93 2.26 0.00	44.23 2.15 0.00	48.73 2.46 0.00	44.92 2.35 0.00	40.14 2.06 0.00	36.53 1.77 0.00
INDECK___ILION 23567	29.40 0.21 0.00	29.82 0.21 0.00	28.25 0.14 0.00	28.33 0.15 0.00	28.35 0.13 0.00	28.67 0.12 0.00	31.11 0.09 0.00	28.91 -0.04 0.00	28.07 -0.13 0.00	27.95 -0.12 0.00	27.82 -0.17 0.00	27.82 -0.13 0.00	27.70 -0.10 0.00	32.91 -0.08 0.00	29.99 0.01 0.00	27.57 0.19 0.00	31.20 0.33 0.00	39.15 0.47 0.00	41.26 0.59 0.00	42.66 0.59 0.00	46.90 0.63 0.00	43.16 0.59 0.00	38.65 0.57 0.00	35.24 0.48 0.00
INDECK___OLEAN 23982	25.93 -2.01 1.24	27.72 -1.90 0.00	26.13 -1.97 0.00	26.01 -2.18 0.00	25.96 -2.25 0.00	26.50 -2.05 0.00	28.85 -2.18 0.00	26.94 -1.87 0.14	26.67 -1.52 0.00	26.74 -1.33 0.00	26.72 -1.27 0.00	26.62 -1.33 0.00	3.13 -0.61 24.06	-7.87 -0.05 40.81	-44.59 -0.04 74.54	25.91 -1.48 0.00	29.00 -1.86 0.00	35.91 -2.77 0.00	37.33 -3.34 0.00	39.00 -3.08 0.00	42.79 -3.48 0.00	33.37 -3.23 5.97	35.13 -2.96 0.00	32.38 -2.38 0.00
INDECK___OSWEGO 23783	28.22 -0.96 0.00	28.63 -0.98 0.00	27.18 -0.93 0.00	27.25 -0.93 0.00	27.25 -0.96 0.00	27.60 -0.96 0.00	29.98 -1.04 0.00	27.96 -0.99 0.00	27.23 -0.96 0.00	27.16 -0.91 0.00	27.10 -0.89 0.00	27.06 -0.90 0.00	23.23 -0.90 3.67	25.66 -1.10 6.23	17.62 -0.99 11.37	26.41 -0.98 0.00	29.76 -1.10 0.00	37.25 -1.43 0.00	39.14 -1.52 0.00	40.54 -1.54 0.00	44.56 -1.71 0.00	40.94 -1.63 0.00	36.63 -1.46 0.00	33.46 -1.31 0.00
INDECK___YERKES 23781	25.96 -2.26 0.97	27.38 -2.24 0.00	25.72 -2.39 0.00	25.51 -2.68 0.00	25.55 -2.66 0.00	26.16 -2.39 0.00	28.68 -2.35 0.00	26.88 -1.96 0.11	26.83 -1.37 0.00	27.04 -1.03 0.00	27.09 -0.90 0.00	26.98 -0.97 0.00	8.41 -0.22 19.17	1.06 0.59 32.52	-28.90 0.51 59.40	26.19 -1.19 0.00	28.86 -2.00 0.00	35.54 -3.14 0.00	36.81 -3.86 0.00	38.43 -3.64 0.00	42.25 -4.02 0.00	34.44 -3.55 4.58	34.81 -3.28 0.00	32.24 -2.52 0.00
INDIAN POINT_GT_1 24139	30.66 1.35 -0.12	30.94 1.33 0.00	29.37 1.27 0.00	29.42 1.24 0.00	29.40 1.19 0.00	29.75 1.20 0.00	32.26 1.24 0.00	30.27 1.31 -0.01	29.50 1.30 0.00	29.46 1.39 0.00	29.48 1.50 0.00	29.52 1.57 0.00	34.18 1.56 -4.82	43.09 1.93 -8.18	46.64 1.73 -14.93	29.10 1.72 0.00	32.61 1.74 0.00	40.81 2.12 0.00	42.84 2.17 0.00	44.22 2.14 0.00	48.46 2.19 0.00	44.61 2.04 0.00	39.95 1.87 0.00	36.38 1.62 0.00
INDIAN POINT_GT_2 23659	30.66 1.35 -0.12	30.94 1.33 0.00	29.37 1.27 0.00	29.42 1.24 0.00	29.40 1.19 0.00	29.75 1.20 0.00	32.26 1.24 0.00	30.27 1.31 -0.01	29.50 1.30 0.00	29.46 1.39 0.00	29.48 1.50 0.00	29.52 1.57 0.00	34.18 1.56 -4.82	43.09 1.93 -8.18	46.64 1.73 -14.93	29.10 1.72 0.00	32.61 1.74 0.00	40.81 2.12 0.00	42.84 2.17 0.00	44.22 2.14 0.00	48.46 2.19 0.00	44.61 2.04 0.00	39.95 1.87 0.00	36.38 1.62 0.00
INDIAN POINT_GT_3 24019	30.66 1.35 -0.12	30.94 1.33 0.00	29.37 1.27 0.00	29.42 1.24 0.00	29.40 1.19 0.00	29.75 1.20 0.00	32.26 1.24 0.00	30.27 1.31 -0.01	29.50 1.30 0.00	29.46 1.39 0.00	29.48 1.50 0.00	29.52 1.57 0.00	34.18 1.56 -4.82	43.09 1.93 -8.18	46.64 1.73 -14.93	29.10 1.72 0.00	32.61 1.74 0.00	40.81 2.12 0.00	42.84 2.17 0.00	44.22 2.14 0.00	48.46 2.19 0.00	44.61 2.04 0.00	39.95 1.87 0.00	36.38 1.62 0.00
INDIAN POINT___2 23530	30.64 1.33 -0.12	30.92 1.30 0.00	29.35 1.25 0.00	29.40 1.22 0.00	29.37 1.16 0.00	29.73 1.18 0.00	32.24 1.22 0.00	30.25 1.29 -0.01	29.47 1.27 0.00	29.43 1.36 0.00	29.45 1.46 0.00	29.48 1.53 0.00	34.24 1.54 -4.91	43.25 1.93 -8.33	46.93 1.74 -15.21	29.08 1.69 0.00	32.59 1.72 0.00	40.77 2.08 0.00	42.81 2.14 0.00	44.19 2.12 0.00	48.42 2.15 0.00	44.57 2.00 0.00	39.93 1.84 0.00	36.36 1.59 0.00
INDIAN POINT___3 23531	30.64 1.33 -0.12	30.92 1.30 0.00	29.36 1.26 0.00	29.41 1.22 0.00	29.39 1.18 0.00	29.73 1.18 0.00	32.24 1.22 0.00	30.25 1.29 -0.01	29.47 1.27 0.00	29.43 1.37 0.00	29.45 1.47 0.00	29.48 1.53 0.00	34.14 1.53 -4.82	43.06 1.90 -8.17	46.60 1.71 -14.91	29.07 1.72 0.00	32.58 2.09 0.00	40.77 2.14 0.00	42.81 2.14 0.00	44.19 2.11 0.00	48.42 2.15 0.00	44.57 2.00 0.00	39.93 1.84 0.00	36.36 1.59 0.00
INGHAM_C_115KV_TB7 356103	29.64 0.46 0.00	30.05 0.43 0.00	28.41 0.31 0.00	28.51 0.32 0.00	28.51 0.30 0.00	28.82 0.27 0.00	31.23 0.20 0.00	28.85 -0.10 0.00	27.88 -0.31 0.00	27.74 -0.33 0.00	27.51 -0.48 0.00	27.54 -0.42 0.00	27.42 -0.38 0.00	32.57 -0.42 0.00	29.78 -0.20 0.00	27.61 0.23 0.00	31.38 0.52 0.00	39.47 0.78 0.00	41.72 1.05 0.00	43.14 1.07 0.00	47.43 1.16 0.00	43.67 1.09 0.00	39.17 1.08 0.00	35.67 0.91 0.00
IP CORINTH___1 23988	30.42 1.24 0.00	30.89 1.28 0.00	29.32 1.22 0.00	29.40 1.22 0.00	29.44 1.23 0.00	29.80 1.25 0.00	32.35 1.33 0.00	30.03 1.09 0.00	29.11 0.91 0.00	28.87 0.80 0.00	28.74 0.75 0.00	28.67 0.72 0.00	31.95 0.65 -3.50	39.76 0.82 -5.95	41.71 0.80 -10.93	28.44 1.05 0.00	32.37 1.51 0.00	40.68 2.00 0.00	42.93 2.26 0.00	44.23 2.15 0.00	48.73 2.46 0.00	44.92 2.35 0.00	40.14 2.06 0.00	36.53 1.77 0.00
IP___TICONDEROGA 23804	31.56 2.38 0.00	31.89 2.27 0.00	30.26 2.16 0.00	30.31 2.13 0.00	30.40 2.18 0.00	30.78 2.23 0.00	33.47 2.45 0.00	30.76 1.82 0.00	29.74 1.54 0.00	29.28 1.21 0.00	29.14 1.15 0.00	29.00 1.05 0.00	32.17 0.88 -3.49	40.30 1.38 -5.93	42.03 1.15 -10.89	28.87 1.49 0.00	33.47 2.61 0.00	42.21 3.53 0.00	44.72 4.06 0.00	45.76 3.68 0.00	50.60 4.34 0.00	46.94 4.37 0.00	41.90 3.82 0.00	38.05 3.28 0.00

ISLIP_RES_REC 323679	38.78 2.12 -7.48	35.94 2.14 -4.18	31.97 2.07 -1.81	34.44 2.06 -4.20	31.97 1.99 -1.77	37.31 2.01 -6.76	32.89 1.87 0.00	30.87 1.93 0.00	29.93 1.73 0.00	30.15 1.71 -0.36	42.99 2.10 -12.90	45.07 2.16 -14.95	43.00 2.06 -13.15	45.34 1.80 -10.54	47.59 1.45 -16.16	30.51 1.61 -1.52	34.73 1.78 -2.09	44.44 2.36 -3.40	53.19 2.90 -9.62	48.84 2.78 -3.98	53.87 2.94 -4.67	56.89 3.03 -11.29	52.93 2.90 -11.94	46.21 2.54 -8.90
JAMAICA__27_KV_LOAD 355505	30.74 1.56 0.00	31.12 1.50 0.01	29.53 1.44 0.02	29.57 1.39 0.01	29.55 1.34 0.00	29.90 1.35 0.00	32.45 1.43 0.00	30.56 1.61 0.00	29.78 1.58 0.00	29.80 1.73 0.00	29.83 1.84 0.00	29.87 1.92 0.00	34.47 1.92 -4.76	43.42 2.35 -8.07	46.83 2.10 -14.74	29.45 2.06 0.00	32.93 2.06 0.00	41.16 2.48 0.00	43.14 2.47 0.00	44.50 2.43 0.00	48.67 2.41 0.00	44.90 2.33 0.00	40.25 2.17 0.00	36.68 1.92 0.00
JANIS__SOLAR 323808	29.73 0.55 0.00	30.08 0.46 0.00	28.39 0.29 0.00	28.51 0.33 0.00	28.62 0.40 0.00	29.03 0.48 0.00	31.56 0.53 0.00	29.43 0.48 0.00	28.68 0.48 0.00	28.59 0.52 0.00	28.58 0.59 0.00	28.52 0.56 0.00	44.93 0.41 -16.72	61.63 0.28 -28.36	81.99 0.29 -51.71	27.63 0.24 0.00	31.36 0.49 0.00	39.48 0.80 0.00	41.65 0.98 0.00	43.39 1.31 0.00	47.65 1.39 0.00	43.63 1.06 0.00	38.95 0.86 0.00	35.52 0.76 0.00
JARVIS____ 23743	29.23 0.05 0.00	29.66 0.04 0.00	28.14 0.04 0.00	28.23 0.05 0.00	28.24 0.03 0.00	28.58 0.03 0.00	31.03 0.01 0.00	28.95 0.00 0.00	28.19 -0.01 0.00	28.07 0.00 0.00	27.99 0.00 0.00	27.96 0.00 0.00	27.82 0.02 0.00	33.03 0.04 0.00	30.03 0.04 0.00	27.46 0.07 0.00	30.95 0.08 0.00	38.80 0.12 0.00	40.79 0.12 0.00	42.16 0.09 0.00	46.36 0.09 0.00	42.66 0.09 0.00	38.17 0.09 0.00	34.83 0.07 0.00
JENNISON__1 23625	30.49 0.86 -0.44	30.26 0.64 0.00	28.45 0.35 0.00	28.56 0.37 0.00	28.73 0.52 0.00	29.03 0.48 0.00	31.44 0.42 0.00	29.37 0.37 -0.05	28.58 0.38 0.00	28.48 0.41 0.00	28.42 0.44 0.00	28.39 0.44 0.00	83.87 0.63 -55.44	127.69 0.67 -94.03	202.25 0.74 -171.53	27.77 0.38 0.00	31.58 0.72 0.00	39.71 1.03 0.00	42.01 1.34 0.00	43.79 1.71 0.00	48.10 1.84 0.00	47.05 1.60 -2.88	39.46 1.38 0.00	35.97 1.20 0.00
JENNISON__2 23626	30.49 0.86 -0.44	30.26 0.64 0.00	28.45 0.35 0.00	28.56 0.37 0.00	28.73 0.52 0.00	29.03 0.48 0.00	31.44 0.42 0.00	29.37 0.37 -0.05	28.58 0.38 0.00	28.48 0.41 0.00	28.42 0.44 0.00	28.39 0.44 0.00	83.87 0.63 -55.44	127.69 0.67 -94.03	202.25 0.74 -171.53	27.77 0.38 0.00	31.58 0.72 0.00	39.71 1.03 0.00	42.01 1.34 0.00	43.79 1.71 0.00	48.10 1.84 0.00	47.05 1.60 -2.88	39.46 1.38 0.00	35.97 1.20 0.00
JERICHO_RISE_WT_PWR 323719	29.00 -0.19 0.00	29.42 -0.20 0.00	27.85 -0.25 0.00	28.12 -0.07 0.00	28.37 0.16 0.00	28.63 0.08 0.00	31.18 0.16 0.00	29.07 0.12 0.00	28.31 0.11 0.00	28.00 -0.06 0.00	27.82 -0.17 0.00	27.78 -0.17 0.00	27.60 -0.20 0.00	32.67 -0.31 0.00	29.67 -0.32 0.00	27.12 -0.26 0.00	30.73 -0.13 0.00	38.75 0.06 0.00	40.87 0.20 0.00	42.41 0.34 0.00	46.71 0.44 0.00	42.97 0.39 0.00	38.36 0.28 0.00	34.98 0.22 0.00
KATONAH__115KV_46KV_TB4 355592	30.63 1.45 0.00	31.03 1.42 0.00	29.47 1.36 0.00	29.50 1.32 0.00	29.49 1.28 0.00	29.84 1.29 0.00	32.36 1.34 0.00	30.35 1.40 0.00	29.61 1.41 0.00	29.59 1.52 0.00	29.62 1.63 0.00	29.64 1.69 0.00	34.13 1.67 -4.66	42.93 2.04 -7.90	46.24 1.84 -14.42	29.20 1.81 0.00	32.75 1.88 0.00	40.98 2.30 0.00	43.04 2.37 0.00	44.41 2.34 0.00	48.69 2.43 0.00	44.82 2.25 0.00	40.12 2.04 0.00	36.53 1.77 0.00
KCE_NY_1 323755	30.45 1.26 0.00	30.89 1.27 0.00	29.31 1.21 0.00	29.40 1.22 0.00	29.42 1.21 0.00	29.77 1.22 0.00	32.33 1.31 0.00	30.05 1.11 0.00	29.17 0.97 0.00	29.00 0.93 0.00	28.85 0.86 0.00	28.79 0.84 0.00	32.07 0.80 -3.47	39.85 0.96 -5.90	41.79 0.96 -10.84	28.49 1.11 0.00	32.28 1.41 0.00	40.51 1.83 0.00	42.67 2.00 0.00	44.04 1.97 0.00	48.48 2.21 0.00	44.66 2.09 0.00	39.95 1.87 0.00	36.40 1.64 0.00
KCE_NY_6_ESR 323823	25.88 -2.24 1.07	27.40 -2.22 0.00	25.75 -2.35 0.00	25.55 -2.63 0.00	25.59 -2.62 0.00	26.18 -2.37 0.00	28.64 -2.39 0.00	26.77 -2.05 0.12	26.73 -1.46 0.00	26.92 -1.15 0.00	26.99 -1.00 0.00	26.88 -1.07 0.00	6.53 -0.34 20.94	-2.16 0.37 35.52	-34.57 0.31 64.87	26.07 -1.31 0.00	28.93 -1.94 0.00	35.71 -2.98 0.00	37.05 -3.62 0.00	38.64 -3.44 0.00	42.42 -3.85 0.00	34.04 -3.45 5.08	34.94 -3.15 0.00	32.31 -2.45 0.00
KEDC_PORT_JEFF_GT2 24210	38.61 1.99 -7.44	35.83 2.03 -4.18	31.87 1.96 -1.81	34.34 1.96 -4.20	31.87 1.88 -1.77	37.20 1.89 -6.76	32.76 1.74 0.00	30.75 1.81 0.00	29.83 1.63 0.00	30.01 1.58 -0.36	42.75 1.97 -12.79	44.81 2.03 -14.82	42.80 1.92 -13.08	45.10 1.65 -10.46	47.31 1.31 -16.02	30.34 1.49 -1.47	34.52 1.63 -2.02	44.16 2.18 -3.30	52.81 2.70 -9.44	48.51 2.57 -3.86	53.50 2.70 -4.52	56.46 2.81 -11.08	52.55 2.71 -11.75	45.98 2.39 -8.83
KEDC_PORT_JEFF_GT3 24211	38.61 1.99 -7.44	35.83 2.03 -4.18	31.87 1.96 -1.81	34.34 1.96 -4.20	31.87 1.88 -1.77	37.20 1.89 -6.76	32.76 1.74 0.00	30.75 1.81 0.00	29.83 1.63 0.00	30.01 1.58 -0.36	42.75 1.97 -12.79	44.81 2.03 -14.82	42.80 1.92 -13.08	45.10 1.65 -10.46	47.31 1.31 -16.02	30.34 1.49 -1.47	34.52 1.63 -2.02	44.16 2.18 -3.30	52.81 2.70 -9.44	48.51 2.57 -3.86	53.50 2.70 -4.52	56.46 2.81 -11.08	52.55 2.71 -11.75	45.98 2.39 -8.83
KEDC_GLWD_GT4 24219	41.56 1.84 -10.53	35.62 1.82 -4.18	31.64 1.73 -1.81	34.08 1.69 -4.20	31.63 1.64 -1.77	36.97 1.66 -6.76	32.67 1.65 0.00	30.62 1.67 0.00	29.81 1.61 0.00	30.37 1.72 -0.58	50.36 1.99 -20.38	53.64 2.05 -23.63	47.84 2.00 -18.04	43.17 2.15 -8.03	45.81 1.88 -13.95	29.29 1.90 0.00	32.87 2.00 0.00	41.20 2.52 0.00	51.38 2.70 -8.01	44.73 2.66 0.00	49.03 2.75 -0.01	55.06 2.64 -9.85	52.72 2.45 -12.19	51.00 2.16 -14.07
KEDC_GLWD_GTS 24220	41.56 1.84 -10.53	35.62 1.82 -4.18	31.64 1.73 -1.81	34.08 1.69 -4.20	31.63 1.64 -1.77	36.97 1.66 -6.76	32.67 1.65 0.00	30.62 1.67 0.00	29.81 1.61 0.00	30.37 1.72 -0.58	50.36 1.99 -20.38	53.64 2.05 -23.63	47.84 2.00 -18.04	43.17 2.15 -8.03	45.81 1.88 -13.95	29.29 1.90 0.00	32.87 2.00 0.00	41.20 2.52 0.00	51.38 2.70 -8.01	44.73 2.66 0.00	49.03 2.75 -0.01	55.06 2.64 -9.85	52.72 2.45 -12.19	51.00 2.16 -14.07
KENSICO____ 23655	30.60 1.42 0.00	31.01 1.39 0.00	29.44 1.34 0.00	29.48 1.30 0.00	29.46 1.25 0.00	29.81 1.26 0.00	32.32 1.29 0.00	30.32 1.37 0.00	29.57 1.37 0.00	29.53 1.46 0.00	29.57 1.58 0.00	29.60 1.65 0.00	34.20 1.63 -4.77	43.08 1.99 -8.09	46.54 1.79 -14.77	29.16 1.78 0.00	32.68 1.81 0.00	40.89 2.20 0.00	42.93 2.26 0.00	44.31 2.23 0.00	48.55 2.28 0.00	44.70 2.13 0.00	40.05 1.96 0.00	36.46 1.70 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.91 1.59 -0.13	31.17 1.55 0.00	29.57 1.47 0.00	29.62 1.44 0.00	29.62 1.40 0.00	29.96 1.41 0.00	32.52 1.50 0.00	30.52 1.56 -0.02	29.77 1.57 0.00	29.74 1.67 0.00	29.78 1.79 0.00	29.81 1.86 0.00	36.25 1.86 -6.59	46.51 2.33 -11.18	52.53 2.13 -20.41	29.41 2.02 0.00	33.02 2.15 0.00	41.35 2.67 0.00	43.47 2.80 0.00	44.89 2.82 0.00	49.20 2.93 0.00	45.26 2.68 0.00	40.47 2.38 0.00	36.82 2.06 0.00
KIAC_JFK_GT1 23816	30.58 1.40 0.00	30.95 1.34 0.01	29.37 1.29 0.02	29.42 1.25 0.01	29.40 1.19 0.00	29.75 1.20 0.00	32.28 1.26 0.00	30.39 1.45 0.00	29.63 1.43 0.00	29.63 1.56 0.00	29.66 1.67 0.00	29.70 1.75 0.00	34.30 1.75 -4.76	43.20 2.14 -8.07	46.64 1.91 -14.74	29.25 1.87 0.00	32.62 1.76 0.00	40.77 2.09 0.00	42.74 2.07 0.00	44.09 2.02 0.00	48.22 1.96 0.00	44.49 1.92 0.00	39.88 1.80 0.00	36.46 1.70 0.00
KIAC_JFK_GT2 23817	30.58 1.40 0.00	30.95 1.34 0.01	29.37 1.29 0.02	29.42 1.25 0.01	29.40 1.19 0.00	29.75 1.20 0.00	32.28 1.26 0.00	30.39 1.45 0.00	29.63 1.43 0.00	29.63 1.56 0.00	29.66 1.67 0.00	29.70 1.75 0.00	34.30 1.75 -4.76	43.20 2.14 -8.07	46.64 1.91 -14.74	29.25 1.87 0.00	32.62 1.76 0.00	40.77 2.09 0.00	42.74 2.07 0.00	44.09 2.02 0.00	48.22 1.96 0.00	44.49 1.92 0.00	39.88 1.80 0.00	36.46 1.70 0.00
KIAC_JFK____ 323774	30.58 1.40 0.00	30.95 1.34 0.01	29.37 1.28 0.02	29.42 1.25 0.01	29.40 1.19 0.00	29.75 1.20 0.00	32.28 1.26 0.00	30.40 1.45 0.00	29.63 1.43 0.00	29.64 1.56 0.00	29.65 1.66 0.00	29.70 1.75 0.00	34.31 1.75 -4.76	43.22 2.16 -8.07	46.66 1.93 -14.74	29.25 1.87 0.00	32.62 1.76 0.00	40.77 2.09 0.00	42.74 2.08 0.00	44.09 2.02 0.00	48.23 1.96 0.00	44.49 1.92 0.00	39.89 1.80 0.00	36.46 1.70 0.00
KINTIGH_24_KV_GSU 356498	26.25 -2.12 0.82	27.52 -2.09 0.00	25.91 -2.20 0.00	25.74 -2.45 0.00	25.76 -2.44 0.00	26.34 -2.22 0.00	28.83 -2.20 0.00	27.00 -1.85 0.09	26.83 -1.37 0.00	26.97 -1.10 0.00	26.97 -1.02 0.00	26.87 -1.08 0.00	10.79 -0.50 16.51	5.05 0.06 28.00	-21.13 0.03 51.14	26.07 -1.32 0.00	28.91 -1.96 0.00	35.68 -3.00 0.00	37.02 -3.65 0.00	38.63 -3.45 0.00	42.48 -3.78 0.00	35.37 -3.37 3.83	34.98 -3.10 0.00	32.31 -2.45 0.00
KINTIGH____ 23543	26.24 -2.12 0.82	27.51 -2.11 0.00	25.87 -2.23 0.00	25.72 -2.46 0.00	25.76 -2.45 0.00	26.32 -2.23 0.00	28.81 -2.21 0.00	26.99 -1.86 0.09	26.81 -1.39 0.00	26.96 -1.12 0.00	26.97 -1.02 0.00	26.86 -1.10 0.00	10.83 -0.45 16.51	5.14 0.15 28.00	-21.07 0.09 51.14	26.06 -1.33 0.00	28.90 -1.97 0.00	35.66 -3.02 0.00	37.00 -3.67 0.00	38.61 -3.47 0.00	42.47 -3.80 0.00	35.35 -3.39 3.83	34.98 -3.11 0.00	32.30 -2.47 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.31 0.13 0.00	29.72 0.10 0.00	28.16 0.06 0.00	28.39 0.20 0.00	28.63 0.42 0.00	28.93 0.37 0.00	31.51 0.48 0.00	29.31 0.37 0.00	28.51 0.31 0.00	28.16 0.09 0.00	27.96 -0.03 0.00	27.91 -0.04 0.00	27.73 -0.07 0.00	32.82 -0.17 0.00	29.79 -0.19 0.00	27.25 -0.14 0.00	30.93 0.07 0.00	39.03 0.35 0.00	41.24 0.58 0.00	42.81 0.74 0.00	47.19 0.93 0.00	43.46 0.89 0.00	38.77 0.69 0.00	35.32 0.56 0.00
LACHUTE__HYDRO 323717	31.56 2.38 0.00	31.89 2.27 0.00	30.26 2.15 0.00	30.31 2.13 0.00	30.40 2.18 0.00	30.78 2.23 0.00	33.47 2.45 0.00	30.76 1.82 0.00	29.74 1.54 0.00	29.28 1.21 0.00	29.14 1.15 0.00	29.00 1.05 0.00	32.17 0.88 -3.49	40.30 1.38 -5.93	42.04 1.16 -10.89	28.87 1.49 0.00	33.47 2.61 0.00	42.21 3.53 0.00	44.72 4.06 0.00	45.76 3.68 0.00	50.60 4.34 0.00	46.94 4.37 0.00	41.90 3.82 0.00	38.05 3.28 0.00
LAWRNCV_115KV_TB1 80681	28.42 -0.76 0.00	28.90 -0.72 0.00	27.43 -0.68 0.00	27.53 -0.66 0.00	27.61 -0.59 0.00	27.97 -0.58 0.00	30.46 -0.56 0.00	28.31 -0.63 0.00	27.43 -0.76 0.00	27.18 -0.89 0.00	27.05 -0.93 0.00	27.00 -0.96 0.00	26.75 -1.05 0.00	31.61 -1.38 0.00	28.74 -1.25 0.00	26.31 -1.08 0.00	29.81 -1.06 0.00	37.67 -1.02 0.00	39.73 -0.94 0.00	41.31 -0.77 0.00	45.51 -0.76 0.00	41.86 -0.72 0.00	37.40 -0.69 0.00	34.09 -0.67 0.00
LEDERLE____ 23769	30.80 1.49 -0.12	31.08 1.46 0.00	29.50 1.39 0.00	29.54 1.36 0.00	29.51 1.31 0.00	29.87 1.32 0.00	32.41 1.39 0.00	30.41 1.45 -0.01	29.62 1.42 0.00	29.58 1.51 0.00	29.61 1.62 0.00	29.64 1.69 0.00	34.46 1.70 -4.96	43.54 2.15 -8.41	47.27 1.94 -15.34	29.26 1.87 0.00	32.77 1.91 0.00	41.02 2.33 0.00	43.05 2.38 0.00	44.47 2.39 0.00	48.73 2.46 0.00	44.83 2.26 0.00	40.15 2.06 0.00	36.54 1.77 0.00
LIGHTHSE_115KV_TB6 355974	27.45 -1.74 0.00	28.19 -1.43 0.00	26.69 -1.42 0.00	26.92 -1.27 0.00	26.95 -1.26 0.00	27.24 -1.31 0.00	29.42 -1.61 0.00	27.07 -1.87 0.00	26.00 -2.20 0.00	26.01 -2.06 0.00	26.04 -1.95 0.00	26.05 -1.91 0.00	25.99 -1.81 0.00	30.85 -2.14 0.00	28.14 -1.84 0.00	25.61 -1.78 0.00	29.17 -1.69 0.00	37.08 -1.61 0.00	39.19 -1.48 0.00	40.75 -1.32 0.00	44.88 -1.38 0.00	41.36 -1.21 0.00	37.01 -1.08 0.00	33.67 -1.09 0.00
LINDEN COGEN____ 23786	30.64 1.46 0.00	31.04 1.42 0.00	29.46 1.36 0.00	29.50 1.32 0.00	29.49 1.28 0.00	29.83 1.28 0.00	32.33 1.31 0.00	30.38 1.43 0.00	29.63 1.43 0.00	29.61 1.54 0.00	29.65 1.66 0.00	29.69 1.74 0.00	34.30 1.74 -4.76	43.21 2.14 -8.07	46.66 1.93 -14.74	29.31 1.92 0.00	32.79 1.93 0.00	41.01 2.32 0.00	42.99 2.33 0.00	44.37 2.30 0.00	48.58 2.31 0.00	44.76 2.19 0.00	40.10 2.02 0.00	36.52 1.75 0.00
LINDHRST_69_KV_BK1 356055	39.60 2.24 -8.18	36.02 2.22 -4.18	32.02 2.11 -1.81	34.46 2.08 -4.20	32.00 2.01 -1.77	37.35 2.05 -6.76	32.99 1.97 0.00	30.88 1.94 0.00	30.01 1.82 0.00	30.38 1.90 -0.41	44.89 2.34 -14.56	47.24 2.41 -16.88	44.37 2.32 -14.26	43.76 2.16 -8.61	45.51 1.83 -13.70	29.69 1.94 -0.37	33.49 2.11 -0.51	42.28 2.75 -0.84	50.66 3.13 -6.86	46.09 3.03 -0.98	50.63 3.21 -1.16	54.01 3.16 -8.28	50.80 2.97 -9.75	47.45 2.63 -10.06
LIPA_MISC_IPP 23656	38.54 1.93 -7.41	35.81 2.01 -4.18	31.88 1.97 -1.81	34.38 1.99 -4.20	31.89 1.90 -1.77	37.22 1.91 -6.76	32.71 1.68 0.00	30.81 1.86 0.00	29.85 1.65 0.00	29.90 1.47 -0.36	42.51 1.79 -12.73	44.55 1.83 -14.76	42.58 1.74 -13.04	45.50 1.42 -11.09	47.98 1.09 -16.90	30.55 1.32 -1.84	34.85 1.46 -2.53	44.83 2.02 -4.13	53.85 2.65 -10.53	49.39 2.49 -4.83	54.54 2.61 -5.66	57.67 2.81 -12.29	53.59 2.76 -12.75	45.97 2.42 -8.79
LISF__SOLAR 323691	38.59 1.98 -7.42	35.85 2.05 -4.18	31.91 2.01 -1.81	34.41 2.03 -4.20	31.93 1.95 -1.77	37.26 1.95 -6.76	32.76 1.73 0.00	30.85 1.91 0.00	29.89 1.69 0.00	29.93 1.49 -0.36	42.54 1.80 -12.75	44.59 1.86 -14.78	42.64 1.79 -13.05	45.48 1.49 -11.01	47.91 1.14 -16.79	30.52 1.35 -1.79	34.82 1.49 -2.46	44.76 2.06 -4.02	53.78 2.72 -10.39	49.33 2.55 -4.70	54.49 2.71 -5.51	57.60 2.89 -12.13	53.55 2.84 -12.63	46.05 2.49 -8.80

LITTLE FALLS___HYD 24013	29.64 0.46 0.00	30.05 0.43 0.00	28.41 0.31 0.00	28.51 0.32 0.00	28.51 0.30 0.00	28.82 0.27 0.00	31.23 0.20 0.00	28.85 -0.10 0.00	27.88 -0.31 0.00	27.74 -0.33 0.00	27.51 -0.48 0.00	27.54 -0.42 0.00	27.42 -0.38 0.00	32.57 -0.42 0.00	29.78 -0.20 0.00	27.61 0.23 0.00	31.38 0.52 0.00	39.47 0.78 0.00	41.72 1.05 0.00	43.14 1.07 0.00	47.43 1.16 0.00	43.67 1.09 0.00	39.17 1.08 0.00	35.67 0.91 0.00
LITTLRIV_115KV_TB1 356100	28.77 -0.41 0.00	29.25 -0.37 0.00	27.75 -0.35 0.00	27.85 -0.34 0.00	27.94 -0.27 0.00	28.34 -0.21 0.00	30.84 -0.19 0.00	28.54 -0.40 0.00	27.56 -0.64 0.00	27.28 -0.79 0.00	27.13 -0.86 0.00	27.07 -0.89 0.00	26.82 -0.98 0.00	31.68 -1.31 0.00	28.80 -1.19 0.00	26.37 -1.01 0.00	29.91 -0.95 0.00	37.84 -0.84 0.00	40.01 -0.66 0.00	41.74 -0.34 0.00	46.05 -0.22 0.00	42.36 -0.22 0.00	37.82 -0.26 0.00	34.49 -0.28 0.00
LI_NEWBRDGE___DRP 323616	38.05 1.76 -7.10	35.54 1.74 -4.18	31.58 1.66 -1.81	34.02 1.64 -4.20	31.57 1.58 -1.77	36.90 1.59 -6.76	32.52 1.49 0.00	30.43 1.49 0.00	29.58 1.38 0.00	29.85 1.44 -0.34	41.80 1.85 -11.96	43.73 1.91 -13.86	42.13 1.79 -12.54	42.56 1.62 -7.95	43.58 1.35 -12.24	28.88 1.50 0.00	32.46 1.59 0.00	40.75 2.07 0.00	47.71 2.35 -4.69	44.34 2.26 0.00	48.61 2.34 0.00	50.70 2.35 -5.78	47.48 2.25 -7.15	45.02 2.00 -8.26
LOCKPORT_115KV_TB60_63_64 80432	25.91 -2.39 0.89	27.22 -2.40 0.00	25.56 -2.54 0.00	25.37 -2.81 0.00	25.43 -2.78 0.00	26.03 -2.52 0.00	28.55 -2.48 0.00	26.76 -2.08 0.10	26.71 -1.49 0.00	26.91 -1.17 0.00	26.94 -1.05 0.00	26.83 -1.12 0.00	9.66 -0.30 17.84	3.24 0.51 30.26	-24.88 0.40 55.26	25.97 -1.42 0.00	28.61 -2.25 0.00	35.17 -3.52 0.00	36.40 -4.27 0.00	38.05 -4.03 0.00	41.80 -4.47 0.00	34.47 -3.91 4.20	34.46 -3.62 0.00	31.92 -2.84 0.00
LOCKPORT___CC1 323769	25.84 -2.44 0.91	27.20 -2.42 0.00	25.56 -2.54 0.00	25.34 -2.84 0.00	25.38 -2.83 0.00	25.99 -2.56 0.00	28.51 -2.52 0.00	26.71 -2.13 0.10	26.66 -1.54 0.00	26.86 -1.21 0.00	26.90 -1.09 0.00	26.79 -1.16 0.00	9.27 -0.42 18.11	2.60 0.33 30.72	-25.86 0.26 56.10	25.94 -1.45 0.00	28.60 -2.27 0.00	35.16 -3.53 0.00	36.40 -4.27 0.00	38.05 -4.03 0.00	41.79 -4.47 0.00	34.39 -3.91 4.28	34.47 -3.62 0.00	31.92 -2.84 0.00
LOCKPORT___CC2 323770	25.84 -2.44 0.91	27.20 -2.42 0.00	25.56 -2.54 0.00	25.34 -2.84 0.00	25.38 -2.83 0.00	25.99 -2.56 0.00	28.51 -2.52 0.00	26.71 -2.13 0.10	26.66 -1.54 0.00	26.86 -1.21 0.00	26.90 -1.09 0.00	26.79 -1.16 0.00	9.27 -0.42 18.11	2.60 0.33 30.72	-25.86 0.26 56.10	25.94 -1.45 0.00	28.60 -2.27 0.00	35.16 -3.53 0.00	36.40 -4.27 0.00	38.05 -4.03 0.00	41.79 -4.47 0.00	34.39 -3.91 4.28	34.47 -3.62 0.00	31.92 -2.84 0.00
LOCKPORT___CC3 323771	25.84 -2.44 0.91	27.20 -2.42 0.00	25.56 -2.54 0.00	25.34 -2.84 0.00	25.38 -2.83 0.00	25.99 -2.56 0.00	28.51 -2.52 0.00	26.71 -2.13 0.10	26.66 -1.54 0.00	26.86 -1.21 0.00	26.90 -1.09 0.00	26.79 -1.16 0.00	9.27 -0.42 18.11	2.60 0.33 30.72	-25.86 0.26 56.10	25.94 -1.45 0.00	28.60 -2.27 0.00	35.16 -3.53 0.00	36.40 -4.27 0.00	38.05 -4.03 0.00	41.79 -4.47 0.00	34.39 -3.91 4.28	34.47 -3.62 0.00	31.92 -2.84 0.00
LOCUSVLY_69_KV_BK2 55797	40.84 1.93 -9.72	35.71 1.92 -4.18	31.74 1.83 -1.81	34.18 1.79 -4.20	31.72 1.73 -1.77	37.06 1.75 -6.76	32.74 1.72 0.00	30.66 1.72 0.00	29.84 1.64 0.00	30.34 1.75 -0.52	48.45 2.08 -18.38	51.41 2.14 -21.31	46.58 2.05 -16.74	42.38 2.06 -7.33	44.35 1.79 -12.57	28.85 1.87 0.40	32.29 1.98 0.55	40.30 2.52 0.90	49.45 2.77 -6.01	43.71 2.69 1.06	47.83 2.80 1.23	52.85 2.73 -7.54	50.51 2.55 -9.87	49.71 2.25 -12.69
LONG_LAKE_PHOENIX 24014	28.18 -1.01 0.00	28.59 -1.03 0.00	27.12 -0.98 0.00	27.19 -0.99 0.00	27.19 -1.02 0.00	27.54 -1.01 0.00	29.92 -1.10 0.00	27.92 -1.02 0.00	27.21 -0.99 0.00	27.15 -0.93 0.00	27.09 -0.90 0.00	27.05 -0.91 0.00	23.06 -0.92 3.81	25.40 -1.12 6.47	17.16 -1.00 11.82	26.38 -1.00 0.00	29.73 -1.14 0.00	37.22 -1.47 0.00	39.09 -1.58 0.00	40.49 -1.58 0.00	44.50 -1.77 0.00	40.90 -1.68 0.00	36.56 -1.52 0.00	33.39 -1.38 0.00
LOVETT___3 23632	30.60 1.29 -0.12	30.89 1.27 0.00	29.32 1.22 0.00	29.37 1.18 0.00	29.34 1.13 0.00	29.70 1.15 0.00	32.21 1.18 0.00	30.22 1.26 -0.01	29.43 1.23 0.00	29.38 1.31 0.00	29.41 1.42 0.00	29.44 1.48 0.00	34.20 1.48 -4.92	43.20 1.87 -8.34	46.89 1.68 -15.23	29.04 1.66 0.00	32.53 1.67 0.00	40.72 2.03 0.00	42.75 2.08 0.00	44.13 2.06 0.00	48.36 2.09 0.00	44.52 1.95 0.00	39.88 1.80 0.00	36.30 1.54 0.00
LOVETT___4 23642	30.60 1.29 -0.12	30.89 1.27 0.00	29.32 1.22 0.00	29.37 1.18 0.00	29.34 1.13 0.00	29.70 1.15 0.00	32.21 1.18 0.00	30.22 1.26 -0.01	29.43 1.23 0.00	29.38 1.31 0.00	29.41 1.42 0.00	29.44 1.48 0.00	34.20 1.48 -4.92	43.20 1.87 -8.34	46.89 1.68 -15.23	29.04 1.66 0.00	32.53 1.67 0.00	40.72 2.03 0.00	42.75 2.08 0.00	44.13 2.06 0.00	48.36 2.09 0.00	44.52 1.95 0.00	39.88 1.80 0.00	36.30 1.54 0.00
LOVETT___5 23593	30.60 1.29 -0.12	30.89 1.27 0.00	29.32 1.22 0.00	29.37 1.18 0.00	29.34 1.13 0.00	29.70 1.15 0.00	32.21 1.18 0.00	30.22 1.26 -0.01	29.43 1.23 0.00	29.38 1.31 0.00	29.41 1.42 0.00	29.44 1.48 0.00	34.20 1.48 -4.92	43.20 1.87 -8.34	46.89 1.68 -15.23	29.04 1.66 0.00	32.53 1.67 0.00	40.72 2.03 0.00	42.75 2.08 0.00	44.13 2.06 0.00	48.36 2.09 0.00	44.52 1.95 0.00	39.88 1.80 0.00	36.30 1.54 0.00
LOWER RAQUET___HYD 24057	28.19 -0.99 0.00	28.69 -0.93 0.00	27.22 -0.88 0.00	27.34 -0.85 0.00	27.43 -0.79 0.00	27.78 -0.77 0.00	30.24 -0.78 0.00	28.09 -0.86 0.00	27.20 -1.01 0.00	26.94 -1.13 0.00	26.81 -1.18 0.00	26.75 -1.21 0.00	26.51 -1.29 0.00	31.32 -1.67 0.00	28.47 -1.52 0.00	26.08 -1.30 0.00	29.57 -1.29 0.00	37.39 -1.30 0.00	39.46 -1.21 0.00	41.05 -1.02 0.00	45.23 -1.03 0.00	41.61 -0.96 0.00	37.17 -0.92 0.00	33.88 -0.88 0.00
LOWER___HUDSON 24059	30.19 1.01 0.00	30.61 0.99 0.00	29.06 0.95 0.00	29.15 0.96 0.00	29.17 0.95 0.00	29.50 0.95 0.00	32.01 0.99 0.00	29.80 0.86 0.00	28.98 0.78 0.00	28.81 0.74 0.00	28.66 0.67 0.00	28.64 0.69 0.00	31.80 0.66 -3.34	39.45 0.79 -5.67	41.11 0.73 -10.39	28.25 0.86 0.00	31.92 1.06 0.00	39.96 1.27 0.00	42.16 1.50 0.00	43.45 1.37 0.00	47.86 1.59 0.00	44.09 1.52 0.00	39.47 1.38 0.00	36.01 1.24 0.00
LOWVILLE_115KV_TB2 356335	28.04 -1.14 0.00	28.82 -0.80 0.00	27.28 -0.83 0.00	27.47 -0.72 0.00	27.48 -0.73 0.00	27.77 -0.78 0.00	30.05 -0.98 0.00	27.74 -1.20 0.00	26.74 -1.46 0.00	26.62 -1.44 0.00	26.57 -1.42 0.00	26.62 -1.34 0.00	26.52 -1.27 0.00	31.53 -1.46 0.00	28.78 -1.21 0.00	26.40 -0.99 0.00	30.11 -0.76 0.00	38.30 -0.39 0.00	40.52 -0.14 0.00	42.06 -0.02 0.00	46.26 -0.01 0.00	42.54 -0.03 0.00	37.95 -0.13 0.00	34.52 -0.25 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	30.42 1.24 0.00	30.86 1.25 0.00	29.29 1.19 0.00	29.38 1.19 0.00	29.39 1.18 0.00	29.75 1.20 0.00	32.30 1.28 0.00	30.02 1.07 0.00	29.14 0.94 0.00	28.97 0.90 0.00	28.82 0.83 0.00	28.77 0.81 0.00	32.05 0.77 -3.47	39.82 0.93 -5.90	41.75 0.92 -10.84	28.47 1.08 0.00	32.24 1.37 0.00	40.44 1.75 0.00	42.63 1.96 0.00	43.99 1.91 0.00	48.42 2.15 0.00	44.60 2.03 0.00	39.90 1.82 0.00	36.36 1.60 0.00
LUTHERNY_35_KV_BK2 355980	30.45 1.26 0.00	30.89 1.27 0.00	29.32 1.22 0.00	29.40 1.22 0.00	29.42 1.21 0.00	29.77 1.22 0.00	32.33 1.31 0.00	30.05 1.11 0.00	29.17 0.97 0.00	29.00 0.93 0.00	28.85 0.86 0.00	28.79 0.84 0.00	32.07 0.80 -3.47	39.84 0.95 -5.90	41.78 0.95 -10.84	28.49 1.11 0.00	32.28 1.41 0.00	40.51 1.83 0.00	42.67 2.00 0.00	44.04 1.97 0.00	48.48 2.21 0.00	44.66 2.09 0.00	39.95 1.87 0.00	36.40 1.64 0.00
LWR__OSWEGATCHIE_HYD 23850	27.75 -1.43 0.00	28.38 -1.24 0.00	26.89 -1.22 0.00	27.05 -1.13 0.00	27.11 -1.10 0.00	27.42 -1.13 0.00	29.77 -1.25 0.00	27.55 -1.40 0.00	26.58 -1.63 0.00	26.38 -1.69 0.00	26.30 -1.69 0.00	26.29 -1.66 0.00	26.12 -1.68 0.00	30.94 -2.05 0.00	28.19 -1.79 0.00	25.84 -1.54 0.00	29.42 -1.44 0.00	37.34 -1.35 0.00	39.47 -1.20 0.00	41.04 -1.03 0.00	45.19 -1.07 0.00	41.56 -1.01 0.00	37.09 -0.99 0.00	33.77 -0.99 0.00
LYONS_FALL_HYD 23570	28.63 -0.56 0.00	29.29 -0.33 0.00	27.73 -0.38 0.00	27.89 -0.30 0.00	27.90 -0.31 0.00	28.24 -0.32 0.00	30.59 -0.43 0.00	28.32 -0.62 0.00	27.38 -0.82 0.00	27.26 -0.82 0.00	27.20 -0.79 0.00	27.19 -0.76 0.00	27.10 -0.70 0.00	32.20 -0.79 0.00	29.35 -0.64 0.00	26.88 -0.50 0.00	30.61 -0.26 0.11	38.80 0.30 0.30	40.97 0.40 0.40	42.47 0.40 0.40	46.70 0.43 0.35	42.92 0.35 0.22	38.30 0.22 0.09	34.86 0.09 0.00
MADISON__COUNTY_LFGE 323628	29.52 0.34 0.00	29.97 0.36 0.00	28.41 0.31 0.00	28.50 0.32 0.00	28.54 0.33 0.00	28.91 0.36 0.00	31.40 0.37 0.00	29.20 0.26 0.00	28.39 0.19 0.00	28.27 0.20 0.00	28.21 0.22 0.00	28.16 0.21 0.00	28.00 0.20 0.00	33.19 0.20 0.00	30.20 0.22 0.00	27.59 0.20 0.00	31.29 0.42 0.00	39.38 0.69 0.00	41.46 0.79 0.83	42.90 0.83 0.00	47.16 0.90 0.00	43.31 0.74 0.00	38.68 0.59 0.00	35.26 0.49 0.00
MALONE__115KV_TB1 356076	28.96 -0.23 0.00	29.39 -0.23 0.00	27.84 -0.26 0.00	28.07 -0.12 0.00	28.30 0.09 0.00	28.61 0.07 0.00	31.19 0.16 0.00	29.03 0.09 0.00	28.18 -0.02 0.00	27.90 -0.17 0.00	27.71 -0.27 0.00	27.65 -0.30 0.00	27.41 -0.39 0.00	32.42 -0.57 0.00	29.44 -0.55 0.00	26.93 -0.45 0.00	30.55 -0.31 0.00	38.55 -0.13 0.00	40.73 0.06 0.00	42.35 0.27 0.00	46.67 0.40 0.00	42.93 0.36 0.00	38.31 0.22 0.00	34.90 0.14 0.00
MAPLEWOD_115KV_TB3 80458	30.07 0.88 0.00	30.49 0.87 0.00	28.96 0.85 0.00	29.03 0.85 0.00	29.05 0.85 0.00	29.37 0.82 0.00	31.88 0.86 0.00	29.70 0.76 0.00	28.90 0.70 0.00	28.76 0.69 0.00	28.61 0.62 0.00	28.59 0.64 0.00	31.80 0.61 -3.40	39.47 0.71 -5.77	41.25 0.68 -10.58	28.23 0.84 0.00	31.85 0.98 0.00	39.83 1.15 0.00	41.99 1.32 0.00	43.30 1.23 0.00	47.63 1.37 0.00	43.88 1.30 0.00	39.29 1.20 0.00	35.85 1.09 0.00
MAPLE_RIDGE_WT_1 323574	28.93 -0.25 0.00	29.39 -0.22 0.00	27.88 -0.22 0.00	27.98 -0.21 0.00	28.02 -0.19 0.00	28.35 -0.20 0.00	30.73 -0.29 0.00	28.69 -0.25 0.00	27.99 -0.21 0.00	27.88 -0.19 0.00	27.84 -0.15 0.00	27.85 -0.11 0.00	27.70 -0.09 0.00	32.86 -0.13 0.00	29.90 -0.09 0.00	27.31 -0.08 0.00	30.81 -0.05 0.00	38.64 -0.04 0.00	40.63 -0.04 0.00	42.07 0.00 0.00	46.27 0.00 0.00	42.57 0.00 0.00	38.08 0.00 0.00	34.76 -0.01 0.00
MAPLE_RIDGE_WT_2 323611	28.93 -0.25 0.00	29.39 -0.22 0.00	27.88 -0.22 0.00	27.98 -0.21 0.00	28.02 -0.19 0.00	28.35 -0.20 0.00	30.73 -0.29 0.00	28.69 -0.25 0.00	27.99 -0.21 0.00	27.88 -0.19 0.00	27.84 -0.15 0.00	27.85 -0.11 0.00	27.70 -0.09 0.00	32.86 -0.13 0.00	29.90 -0.09 0.00	27.31 -0.08 0.00	30.81 -0.05 0.00	38.64 -0.04 0.00	40.63 -0.04 0.00	42.07 0.00 0.00	46.27 0.00 0.00	42.57 0.00 0.00	38.08 0.00 0.00	34.76 -0.01 0.00
MARBLE_RIVER_WT_PWR 323696	29.03 -0.15 0.00	29.45 -0.17 0.00	27.89 -0.21 0.00	28.12 -0.06 0.00	28.37 0.15 0.00	28.64 0.09 0.00	31.18 0.16 0.00	29.07 0.13 0.00	28.32 0.12 0.00	28.01 -0.06 0.00	27.83 -0.16 0.00	27.80 -0.15 0.00	27.62 -0.18 0.00	32.70 -0.29 0.00	29.69 -0.30 0.00	27.14 -0.24 0.00	30.76 -0.11 0.00	38.77 0.08 0.00	40.88 0.21 0.00	42.40 0.32 0.00	46.69 0.43 0.00	42.97 0.39 0.00	38.36 0.27 0.00	34.98 0.22 0.00
MARSHVLE_115KV_TB1 80742	30.28 0.96 -0.13	30.63 1.02 0.00	28.94 0.84 0.00	29.01 0.83 0.00	29.14 0.93 0.00	29.53 0.98 0.00	32.09 1.07 0.00	29.62 0.66 -0.02	28.74 0.54 0.00	28.50 0.43 0.00	28.44 0.45 0.00	28.40 0.45 0.00	37.27 0.43 -9.04	48.94 0.90 -15.05	56.54 0.93 -25.63	28.20 0.81 0.00	31.89 1.03 0.00	40.19 1.51 0.00	42.28 1.61 0.00	43.98 1.90 0.00	48.37 2.11 0.00	44.45 1.87 0.00	39.73 1.65 0.00	36.19 1.43 0.00
MARSH_HILL_WT_PWR 323713	25.54 -2.09 1.56	27.24 -2.38 0.00	25.89 -2.21 0.00	25.66 -2.52 0.00	25.59 -2.62 0.00	26.24 -2.31 0.00	28.44 -2.58 0.00	26.32 -2.45 0.18	26.50 -1.70 0.00	26.32 -1.76 0.00	26.18 -1.82 0.00	25.81 -2.14 0.00	-3.02 -1.33 29.49	-17.66 -0.62 50.03	-61.45 -0.08 91.36	26.09 -1.29 0.00	29.44 -1.43 0.00	36.67 -2.01 0.00	38.19 -2.48 0.00	39.95 -2.13 0.00	43.67 -2.60 0.00	32.38 -2.68 7.51	35.77 -2.32 0.00	32.98 -1.78 0.00
MCINTYRE_115KV_TB2 80467	29.32 0.14 0.00	29.80 0.18 0.00	28.27 0.17 0.00	28.35 0.17 0.00	28.45 0.24 0.00	28.86 0.31 0.00	31.42 0.39 0.00	29.00 0.05 0.00	27.98 -0.22 0.00	27.68 -0.39 0.00	27.53 -0.46 0.00	27.46 -0.49 0.00	27.20 -0.60 0.00	32.14 -0.85 0.00	29.21 -0.77 0.00	26.74 -0.64 0.00	30.32 -0.55 0.00	38.32 -0.36 0.00	40.57 -0.09 0.00	42.41 0.34 0.00	46.83 0.56 0.00	43.07 0.50 0.00	38.46 0.37 0.00	35.07 0.31 0.00
MECO____69_KV_BK1 80468	30.61 1.43 0.00	31.06 1.45 0.00	29.40 1.29 0.00	29.47 1.29 0.00	29.56 1.34 0.00	29.95 1.40 0.00	32.51 1.49 0.00	29.88 0.94 0.00	28.83 0.63 0.00	28.66 0.59 0.00	28.27 0.28 0.00	28.31 0.36 0.00	35.23 0.29 -7.14	45.31 0.48 -11.84	50.41 0.64 -19.78	28.33 0.94 0.00	32.13 1.26 0.00	40.57 1.88 0.00	42.75 2.08 0.00	44.49 2.41 0.00	48.95 2.68 0.00	44.99 2.42 0.00	40.19 2.10 0.00	36.59 1.82 0.00
MENANDS__115KV_TB5 355628	29.95 0.77 0.00	30.38 0.76 0.00	28.86 0.76 0.00	28.94 0.75 0.00	28.95 0.73 0.00	29.26 0.71 0.00	31.75 0.73 0.00	29.60 0.65 0.00	28.81 0.61 0.00	28.68 0.61 0.00	28.53 0.54 0.00	28.53 0.57 0.00	31.72 0.54 -3.38	39.35 0.62 -5.75	41.12 0.60 -10.53	28.16 0.77 0.00	31.73 0.87 0.00	39.66 0.98 0.00	41.80 1.14 0.00	43.09 1.01 0.00	47.39 1.12 0.00	43.66 1.09 0.00	39.11 1.02 0.00	35.69 0.93 0.00

MG INDUSTRY___DRP 24185	29.98 0.79 0.00	30.41 0.79 0.00	28.89 0.79 0.00	28.98 0.80 0.00	29.00 0.79 0.00	29.30 0.75 0.00	31.78 0.76 0.00	29.56 0.62 0.00	28.75 0.54 0.00	28.64 0.56 0.00	28.47 0.48 0.00	28.47 0.51 0.00	31.68 0.45 -3.43	39.33 0.52 -5.82	41.21 0.57 -10.65	28.13 0.74 0.00	31.72 0.85 0.00	39.69 1.01 0.00	41.80 1.13 0.00	43.11 1.04 0.00	47.41 1.14 0.00	43.68 1.11 0.00	39.12 1.03 0.00	35.70 0.93 0.00
MID___OSWEGATCHIE_HYD 23849	27.75 -1.43 0.00	28.38 -1.24 0.00	26.89 -1.22 0.00	27.05 -1.13 0.00	27.11 -1.10 0.00	27.42 -1.13 0.00	29.77 -1.25 0.00	27.55 -1.40 0.00	26.58 -1.63 0.00	26.38 -1.69 0.00	26.30 -1.69 0.00	26.29 -1.66 0.00	26.12 -1.68 0.00	30.94 -2.05 0.00	28.19 -1.79 0.00	25.84 -1.54 0.00	29.42 -1.44 0.00	37.34 -1.35 0.00	39.47 -1.20 0.00	41.04 -1.03 0.00	45.19 -1.07 0.00	41.56 -1.01 0.00	37.09 -0.99 0.00	33.77 -0.99 0.00
MID___RAQUETTE_HYD 23851	28.19 -0.99 0.00	28.69 -0.93 0.00	27.22 -0.88 0.00	27.34 -0.85 0.00	27.43 -0.79 0.00	27.78 -0.77 0.00	30.24 -0.78 0.00	28.08 -0.86 0.00	27.20 -1.00 0.00	26.94 -1.13 0.00	26.81 -1.18 0.00	26.75 -1.21 0.00	26.50 -1.30 0.00	31.31 -1.68 0.00	28.46 -1.52 0.00	26.08 -1.30 0.00	29.58 -1.29 0.00	37.39 -1.30 0.00	39.46 -1.21 0.00	41.05 -1.02 0.00	45.24 -1.03 0.00	41.61 -0.96 0.00	37.17 -0.92 0.00	33.88 -0.88 0.00
MILLIKEN___1 23584	28.92 0.09 0.35	29.66 0.04 0.00	28.10 -0.01 0.00	28.16 -0.02 0.00	28.20 -0.02 0.00	28.58 0.03 0.00	31.07 0.05 0.00	28.97 0.07 0.04	28.34 0.14 0.00	28.29 0.22 0.00	28.25 0.25 0.00	28.16 0.21 0.00	20.93 0.07 6.93	21.13 -0.10 11.77	8.42 -0.06 21.51	27.25 -0.13 0.00	30.76 -0.11 0.00	38.52 -0.17 0.00	40.48 -0.19 0.00	42.03 -0.05 0.00	46.17 -0.10 0.00	41.30 -0.24 1.04	37.82 -0.26 0.00	34.52 -0.24 0.00
MILLIKEN___2 23585	28.92 0.09 0.35	29.66 0.04 0.00	28.10 -0.01 0.00	28.16 -0.02 0.00	28.20 -0.02 0.00	28.58 0.03 0.00	31.07 0.05 0.00	28.97 0.07 0.04	28.34 0.14 0.00	28.29 0.22 0.00	28.25 0.25 0.00	28.16 0.21 0.00	20.93 0.07 6.93	21.13 -0.10 11.77	8.42 -0.06 21.51	27.25 -0.13 0.00	30.76 -0.11 0.00	38.52 -0.17 0.00	40.48 -0.19 0.00	42.03 -0.05 0.00	46.17 -0.10 0.00	41.30 -0.24 1.04	37.82 -0.26 0.00	34.52 -0.24 0.00
MILLIKEN___DIESEL 23629	28.92 0.09 0.35	29.66 0.04 0.00	28.10 -0.01 0.00	28.16 -0.02 0.00	28.20 -0.02 0.00	28.58 0.03 0.00	31.07 0.05 0.00	28.97 0.07 0.04	28.34 0.14 0.00	28.29 0.22 0.00	28.25 0.25 0.00	28.16 0.21 0.00	20.93 0.07 6.93	21.13 -0.10 11.77	8.42 -0.06 21.51	27.25 -0.13 0.00	30.76 -0.11 0.00	38.52 -0.17 0.00	40.48 -0.19 0.00	42.03 -0.05 0.00	46.17 -0.10 0.00	41.30 -0.24 1.04	37.82 -0.26 0.00	34.52 -0.24 0.00
MILLSEAT___LFGE 323607	26.68 -1.68 0.83	27.94 -1.68 0.00	26.27 -1.83 0.00	26.09 -2.09 0.00	26.14 -2.07 0.00	26.74 -1.81 0.00	29.32 -1.70 0.00	27.47 -1.38 0.09	27.37 -0.83 0.00	27.55 -0.53 0.00	27.57 -0.42 0.00	27.46 -0.49 0.00	11.25 0.15 16.70	5.51 0.84 28.33	-21.04 0.71 51.73	26.55 -0.84 0.00	29.39 -1.48 0.00	36.21 -2.47 0.00	37.59 -3.08 0.00	39.26 -2.81 0.00	43.17 -3.10 0.00	35.98 -2.72 3.88	35.49 -2.59 0.00	32.75 -2.01 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.56 1.38 0.00	30.97 1.35 0.00	29.39 1.29 0.00	29.44 1.26 0.00	29.42 1.21 0.00	29.76 1.21 0.00	32.28 1.26 0.00	30.27 1.33 0.00	29.52 1.32 0.00	29.48 1.41 0.00	29.51 1.52 0.00	29.54 1.58 0.00	34.16 1.57 -4.79	43.05 1.94 -8.13	46.55 1.74 -14.83	29.11 1.73 0.00	32.62 1.76 0.00	40.83 2.14 0.00	42.86 2.19 0.00	44.24 2.17 0.00	48.48 2.21 0.00	44.65 2.08 0.00	39.99 1.91 0.00	36.41 1.65 0.00
MILLWOOD_13_KV_LOAD 356217	30.60 1.42 0.00	31.01 1.39 0.00	29.44 1.34 0.00	29.48 1.30 0.00	29.46 1.25 0.00	29.81 1.26 0.00	32.33 1.30 0.00	30.32 1.37 0.00	29.56 1.36 0.00	29.53 1.46 0.00	29.57 1.58 0.00	29.59 1.64 0.00	34.22 1.63 -4.79	43.11 2.00 -8.13	46.62 1.80 -14.83	29.16 1.78 0.00	32.68 1.82 0.00	40.91 2.22 0.00	42.95 2.28 0.00	44.33 2.25 0.00	48.58 2.31 0.00	44.73 2.16 0.00	40.06 1.98 0.00	36.46 1.70 0.00
MODEL_CITY_ENERGY 24167	25.60 -2.66 0.93	26.96 -2.66 0.00	25.34 -2.77 0.00	25.13 -3.05 0.00	25.17 -3.04 0.00	25.79 -2.76 0.00	28.28 -2.74 0.00	26.50 -2.34 0.10	26.45 -1.74 0.00	26.66 -1.41 0.00	26.70 -1.30 0.00	26.59 -1.37 0.00	8.79 -0.60 18.41	1.91 0.15 31.22	-26.94 0.10 57.02	25.71 -1.67 0.00	28.29 -2.58 0.00	34.71 -3.98 0.00	35.91 -4.76 0.00	37.53 -4.54 0.00	41.22 -5.04 0.00	33.83 -4.38 4.36	34.01 -4.07 0.00	31.55 -3.21 0.00
MODERN_LFGE___ 323580	25.60 -2.66 0.93	26.96 -2.66 0.00	25.34 -2.77 0.00	25.13 -3.05 0.00	25.17 -3.04 0.00	25.79 -2.76 0.00	28.28 -2.74 0.00	26.50 -2.34 0.10	26.45 -1.74 0.00	26.66 -1.41 0.00	26.70 -1.30 0.00	26.59 -1.37 0.00	8.79 -0.60 18.41	1.91 0.15 31.22	-26.94 0.10 57.02	25.71 -1.67 0.00	28.29 -2.58 0.00	34.71 -3.98 0.00	35.91 -4.76 0.00	37.53 -4.54 0.00	41.22 -5.04 0.00	33.83 -4.38 4.36	34.01 -4.07 0.00	31.55 -3.21 0.00
MOHAWK_PAPER___DRP 24187	30.07 0.88 0.00	30.49 0.87 0.00	28.96 0.85 0.00	29.03 0.85 0.00	29.05 0.85 0.00	29.37 0.82 0.00	31.88 0.86 0.00	29.70 0.76 0.00	28.90 0.70 0.00	28.76 0.69 0.00	28.61 0.62 0.00	28.59 0.64 0.00	31.80 0.61 -3.40	39.47 0.71 -5.77	41.25 0.68 -10.58	28.23 0.84 0.00	31.85 0.98 0.00	39.83 1.15 0.00	41.99 1.32 0.00	43.30 1.23 0.00	47.63 1.37 0.00	43.88 1.30 0.00	39.29 1.20 0.00	35.85 1.09 0.00
MOHICAN_35_KV_115KV_LD 80490	30.59 1.41 0.00	31.04 1.43 0.00	29.46 1.36 0.00	29.55 1.36 0.00	29.58 1.37 0.00	29.94 1.39 0.00	32.51 1.49 0.00	30.15 1.21 0.00	29.21 1.01 0.00	28.96 0.89 0.00	28.84 0.85 0.00	28.77 0.81 0.00	32.01 0.73 -3.48	39.83 0.92 -5.92	41.74 0.89 -10.87	28.54 1.15 0.00	32.53 1.66 0.00	40.87 2.19 0.00	43.15 2.49 0.00	44.42 2.35 0.00	48.97 2.70 0.00	45.15 2.58 0.00	40.36 2.28 0.00	36.73 1.97 0.00
MONGAUP___HYD 23641	30.85 1.54 -0.13	31.12 1.50 0.00	29.52 1.41 0.00	29.56 1.38 0.00	29.56 1.35 0.00	29.93 1.38 0.00	32.47 1.45 0.00	30.41 1.45 -0.01	29.63 1.43 0.00	29.58 1.51 0.00	29.45 1.47 0.00	29.43 1.48 0.00	34.55 1.42 -5.34	43.89 1.85 -9.05	48.20 1.69 -16.52	29.25 1.86 0.00	32.78 1.92 0.00	41.12 2.43 0.00	43.01 2.34 0.00	44.53 2.46 0.00	48.84 2.57 0.00	44.94 2.37 0.00	40.22 2.14 0.00	36.78 2.02 0.00
MONTAUK___DIESEL 23721	39.24 2.64 -7.42	36.59 2.79 -4.18	32.64 2.73 -1.81	35.11 2.73 -4.20	32.47 2.48 -1.77	37.76 2.45 -6.76	33.36 2.34 0.00	31.48 2.54 0.00	30.51 2.31 0.00	30.56 2.12 -0.36	43.16 2.43 -12.74	45.23 2.51 -14.77	43.32 2.47 -13.05	46.34 2.29 -11.05	48.72 1.88 -16.85	31.30 2.09 -1.82	35.73 2.37 -2.50	45.94 3.19 -4.08	55.15 4.02 -10.47	50.79 3.94 -4.77	56.09 4.23 -5.59	59.04 4.25 -12.22	54.79 4.02 -12.69	47.12 3.57 -8.79

MOONROAD_115KV_HARTFLD_TB1-2 355988	26.21 -1.82 1.15	28.11 -1.51 0.00	26.34 -1.76 0.00	26.17 -2.01 0.00	26.03 -2.18 0.00	26.31 -2.24 0.00	28.52 -2.50 0.00	26.90 -1.91 0.13	26.64 -1.56 0.00	26.70 -1.37 0.00	27.09 -0.90 0.00	27.26 -0.69 0.00	5.56 0.15 22.39	-4.12 0.88 37.99	-38.72 0.68 69.38	26.28 -1.11 0.00	29.57 -1.30 0.00	36.70 -1.98 0.00	38.16 -2.51 0.00	39.74 -2.34 0.00	43.58 -2.69 0.00	34.50 -2.57 5.49	35.74 -2.34 0.00	32.96 -1.80 0.00
MORRIS_RIDGE___SOLAR 323848	25.42 -2.28 1.49	27.31 -2.31 0.00	25.81 -2.29 0.00	25.56 -2.63 0.00	25.50 -2.71 0.00	26.12 -2.43 0.00	28.35 -2.67 0.00	26.32 -2.45 0.17	26.34 -1.86 0.00	26.30 -1.77 0.00	26.25 -1.75 0.00	26.09 -1.87 0.00	-1.71 -1.17 28.34	-15.69 -0.61 48.07	-58.09 -0.28 87.79	25.87 -1.51 0.00	28.96 -1.90 0.00	35.93 -2.75 0.00	37.43 -3.24 0.00	39.13 -2.94 0.00	42.79 -3.47 0.00	32.09 -3.30 7.18	35.23 -2.85 0.00	32.50 -2.26 0.00
MORTIMER_115KV_TB3 55949	27.78 -0.84 0.56	28.76 -0.86 0.00	27.15 -0.96 0.00	27.09 -1.10 0.00	27.09 -1.12 0.00	27.58 -0.97 0.00	30.11 -0.91 0.00	28.16 -0.73 0.06	27.77 -0.43 0.00	27.83 -0.24 0.00	27.81 -0.18 0.00	27.73 -0.23 0.00	15.89 0.08 11.99	13.09 0.45 20.35	-6.80 0.37 37.16	26.97 -0.42 0.00	30.13 -0.73 0.00	37.43 -1.26 0.00	39.06 -1.61 0.00	40.62 -1.46 0.00	44.70 -1.57 0.00	38.57 -1.46 2.53	36.67 -1.42 0.00	33.62 -1.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.70 1.52 0.00	31.09 1.48 0.00	29.52 1.42 0.00	29.56 1.37 0.00	29.53 1.33 0.00	29.88 1.33 0.00	32.39 1.37 0.00	30.42 1.48 0.00	29.68 1.48 0.00	29.66 1.59 0.00	29.71 1.73 0.00	29.75 1.80 0.00	34.33 1.77 -4.76	43.21 2.15 -8.07	46.64 1.92 -14.74	29.31 1.93 0.00	32.81 1.95 0.00	41.04 2.36 0.00	43.06 2.38 0.00	44.43 2.35 0.00	48.65 2.38 0.00	44.82 2.25 0.00	40.16 2.08 0.00	36.57 1.80 0.00
MUNSVILLE_WIND_PWR 323609	30.52 1.15 -0.19	30.63 1.01 0.00	28.77 0.66 0.00	29.02 0.84 0.00	29.22 1.00 0.00	29.63 1.09 0.00	32.22 1.20 0.00	30.06 1.10 -0.02	29.18 0.98 0.00	29.02 0.95 0.00	29.09 1.11 0.00	29.07 1.12 0.00	65.08 1.12 -36.15	95.34 1.04 -61.31	142.94 1.11 -111.84	28.28 0.89 0.00	32.37 1.50 0.00	40.93 2.24 0.00	43.38 2.71 0.00	45.31 3.24 0.00	49.71 3.44 0.00	47.12 2.89 -1.65	40.56 2.48 0.00	36.96 2.20 0.00
N SALMON___HYD 24042	28.96 -0.23 0.00	29.39 -0.23 0.00	27.84 -0.26 0.00	28.07 -0.12 0.00	28.30 0.09 0.00	28.61 0.07 0.00	31.19 0.16 0.00	29.03 0.09 0.00	28.18 -0.02 0.00	27.90 -0.17 0.00	27.71 -0.27 0.00	27.65 -0.30 0.00	27.42 -0.38 0.00	32.43 -0.56 0.00	29.44 -0.55 0.00	26.93 -0.45 0.00	30.55 -0.31 0.00	38.55 -0.13 0.00	40.73 0.06 0.00	42.35 0.27 0.00	46.67 0.40 0.00	42.93 0.36 0.00	38.31 0.22 0.00	34.90 0.14 0.00
N.AKRON___115KV_KNAPP 355671	26.47 -1.86 0.85	27.74 -1.88 0.00	26.07 -2.03 0.00	25.90 -2.29 0.00	25.94 -2.27 0.00	26.55 -2.00 0.00	29.11 -1.91 0.00	27.29 -1.56 0.10	27.20 -1.00 0.00	27.39 -0.68 0.00	27.42 -0.57 0.00	27.31 -0.65 0.00	10.75 0.10 17.15	4.77 0.87 29.09	-22.42 0.72 53.13	26.40 -0.99 0.00	29.18 -1.69 0.00	35.91 -2.77 0.00	37.25 -3.42 0.00	38.92 -3.15 0.00	42.78 -3.48 0.00	35.52 -3.05 4.00	35.20 -2.88 0.00	32.54 -2.23 0.00
N.E._GEN_SANDY PD 24062	33.35 1.19 -2.98	30.80 1.18 0.00	30.39 1.16 -1.12	30.16 1.14 -0.84	31.28 1.13 -1.94	33.30 1.11 -3.64	36.83 1.16 -4.65	29.99 1.05 0.01	29.22 1.04 0.02	29.07 1.00 0.00	28.96 0.97 0.00	28.95 1.00 0.00	32.15 0.96 -3.40	39.94 1.18 -5.77	41.58 1.04 -10.55	28.55 1.11 -0.06	32.37 1.24 -0.26	39.73 1.48 0.43	44.17 1.69 -1.81	42.39 1.54 1.23	48.03 1.76 0.00	46.67 1.69 -2.41	43.11 1.57 -3.45	36.19 1.42 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.70 1.40 -0.12	30.99 1.37 0.00	29.42 1.31 0.00	29.46 1.28 0.00	29.44 1.22 0.00	29.79 1.24 0.00	32.31 1.29 0.00	30.31 1.35 -0.01	29.52 1.33 0.00	29.48 1.41 0.00	29.51 1.52 0.00	29.54 1.58 0.00	34.32 1.59 -4.93	43.36 2.01 -8.36	47.05 1.81 -15.26	29.15 1.76 0.00	32.65 1.78 0.00	40.87 2.18 0.00	42.90 2.24 0.00	44.30 2.22 0.00	48.54 2.28 0.00	44.68 2.11 0.00	40.02 1.93 0.00	36.43 1.66 0.00
N.QUEENS_27_KV_LOAD 356247	30.64 1.46 0.00	31.02 1.40 0.00	29.44 1.34 0.01	29.49 1.31 0.00	29.47 1.26 0.00	29.82 1.27 0.00	32.33 1.31 0.00	30.39 1.44 0.00	29.67 1.47 0.00	29.66 1.59 0.00	29.72 1.73 0.00	29.76 1.81 0.00	34.32 1.76 -4.76	43.23 2.17 -8.07	46.68 1.96 -14.74	29.37 1.98 0.00	32.82 1.96 0.00	41.04 2.36 0.00	42.93 2.27 0.01	44.31 2.23 0.00	48.50 2.24 0.00	44.75 2.18 0.00	40.08 2.00 0.00	36.46 1.70 0.00
N.TROY___115KV_TB1 355778	30.19 1.00 0.00	30.61 0.99 0.00	29.06 0.96 0.00	29.14 0.96 0.00	29.16 0.95 0.00	29.50 0.95 0.00	32.01 0.99 0.00	29.80 0.85 0.00	28.98 0.78 0.00	28.81 0.74 0.00	28.66 0.67 0.00	28.64 0.69 0.00	31.79 0.66 -3.34	39.45 0.79 -5.67	41.10 0.72 -10.39	28.25 0.86 0.00	31.92 1.05 0.00	39.96 1.27 0.00	42.17 1.50 0.00	43.45 1.37 0.00	47.86 1.59 0.00	44.09 1.52 0.00	39.47 1.38 0.00	36.01 1.25 0.00
NARROWS_GT1_1 24228	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT1_2 24229	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT1_3 24230	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT1_4 24231	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00

NARROWS_GT1_5 24232	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT1_6 24233	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT1_7 24234	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT1_8 24235	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT2_1 24236	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT2_2 24237	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT2_3 24238	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT2_4 24239	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT2_5 24240	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT2_6 24241	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT2_7 24242	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NARROWS_GT2_8 24243	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.39 1.21 0.00	30.81 1.19 0.00	29.26 1.16 0.00	29.36 1.18 0.00	29.37 1.16 0.00	29.72 1.17 0.00	32.28 1.26 0.00	30.04 1.09 0.00	29.10 0.90 0.00	28.96 0.89 0.00	28.75 0.76 0.00	28.74 0.78 0.00	32.28 0.68 -3.81	40.26 0.81 -6.46	42.63 0.83 -11.81	28.46 1.07 0.00	32.22 1.36 0.00	40.39 1.71 0.00	42.61 1.94 0.00	44.00 1.92 0.00	48.38 2.11 0.00	44.52 1.95 0.00	39.81 1.72 0.00	36.29 1.53 0.00
NCHELSEA_115KV_TR2 355582	30.74 1.56 0.00	31.14 1.52 0.00	29.57 1.47 0.00	29.62 1.43 0.00	29.60 1.39 0.00	29.94 1.40 0.00	32.49 1.47 0.00	30.44 1.50 0.00	29.69 1.50 0.00	29.66 1.59 0.00	29.68 1.69 0.00	29.71 1.76 0.00	34.36 1.75 -4.82	43.31 2.15 -8.17	46.83 1.93 -14.91	29.28 1.89 0.00	32.86 1.99 0.00	41.14 2.45 0.00	43.22 2.55 0.00	44.62 2.54 0.00	48.92 2.65 0.00	45.03 2.46 0.00	40.29 2.20 0.00	36.67 1.91 0.00
NEG CAPITAL__MECHNVIL 23645	30.48 1.29 0.00	30.90 1.29 0.00	29.34 1.23 0.00	29.43 1.24 0.00	29.45 1.24 0.00	29.80 1.25 0.00	32.36 1.34 0.00	30.08 1.14 0.00	29.22 1.02 0.00	29.05 0.97 0.00	28.90 0.91 0.00	28.85 0.89 0.00	32.08 0.87 -3.42	39.84 1.03 -5.81	41.66 1.01 -10.67	28.55 1.16 0.00	32.31 1.45 0.00	40.52 1.83 0.00	42.72 2.05 0.00	44.07 2.00 0.00	48.52 2.25 0.00	44.68 2.11 0.00	39.96 1.88 0.00	36.42 1.66 0.00

NEG CENTRAL_HIGH_ACRES 23767	27.76 -0.95 0.48	28.64 -0.97 0.00	27.08 -1.02 0.00	27.03 -1.16 0.00	27.02 -1.19 0.00	27.46 -1.09 0.00	29.93 -1.09 0.00	27.96 -0.93 0.05	27.51 -0.69 0.00	27.53 -0.54 0.00	27.48 -0.51 0.00	27.38 -0.57 0.00	16.99 -0.36 10.45	15.08 -0.19 17.72	-2.57 -0.18 32.37	26.62 -0.77 0.00	29.79 -1.07 0.00	37.06 -1.62 0.00	38.71 -1.96 0.00	40.20 -1.87 0.00	44.30 -1.97 0.00	38.64 -1.87 2.07	36.33 -1.75 0.00	33.26 -1.50 0.00
NEG CENTRAL___DRP 24199	28.18 -0.48 0.54	29.10 -0.51 0.00	27.56 -0.54 0.00	27.57 -0.61 0.00	27.58 -0.63 0.00	28.02 -0.53 0.00	30.45 -0.57 0.00	28.41 -0.48 0.06	27.90 -0.30 0.00	27.88 -0.19 0.00	27.84 -0.15 0.00	27.68 -0.27 0.00	16.02 -0.11 11.67	13.21 0.02 19.80	-6.09 0.09 36.16	27.05 -0.34 0.00	30.41 -0.45 0.00	37.96 -0.73 0.00	39.78 -0.89 0.00	41.33 -0.75 0.00	45.39 -0.88 0.00	39.31 -0.95 2.31	37.21 -0.88 0.00	34.01 -0.75 0.00
NEG CENTRAL___INDECK 23768	27.41 -0.61 1.17	28.93 -0.69 0.00	27.35 -0.76 0.00	27.18 -1.00 0.00	27.14 -1.07 0.00	27.78 -0.77 0.00	30.29 -0.73 0.00	28.24 -0.58 0.13	28.12 -0.08 0.00	28.08 0.01 0.00	28.01 0.02 0.00	27.78 -0.17 0.00	5.47 0.30 22.63	-4.42 0.98 38.39	-39.09 1.03 70.11	27.29 -0.10 0.00	30.66 -0.21 0.00	38.13 -0.56 0.00	39.71 -0.96 0.00	41.56 -0.52 0.00	45.67 -0.60 0.00	36.30 -0.72 5.56	37.34 -0.74 0.00	34.25 -0.51 0.00
NEG CENTRAL___SENECA 23627	27.85 -0.56 0.78	29.00 -0.62 0.00	27.46 -0.65 0.00	27.42 -0.76 0.00	27.42 -0.79 0.00	27.91 -0.64 0.00	30.34 -0.68 0.00	28.29 -0.57 0.09	27.88 -0.32 0.00	27.88 -0.19 0.00	27.83 -0.16 0.00	27.63 -0.33 0.00	11.95 -0.04 15.81	6.37 0.20 26.82	-18.71 0.28 48.97	27.04 -0.35 0.00	30.38 -0.48 0.00	37.90 -0.78 0.00	39.69 -0.98 0.00	41.29 -0.78 0.00	45.31 -0.95 0.00	37.94 -1.07 3.56	37.12 -0.97 0.00	33.96 -0.80 0.00
NEG CENTRAL___STATE_STREET 24147	28.64 -0.24 0.30	29.33 -0.28 0.00	27.82 -0.29 0.00	27.86 -0.32 0.00	27.88 -0.34 0.00	28.27 -0.28 0.00	30.73 -0.29 0.00	28.65 -0.26 0.03	28.03 -0.17 0.00	27.99 -0.08 0.00	27.93 -0.06 0.00	27.84 -0.11 0.00	20.21 -0.11 7.48	20.16 -0.14 12.68	6.69 -0.13 23.17	27.10 -0.29 0.00	30.52 -0.34 0.00	38.14 -0.54 0.00	40.03 -0.64 0.00	41.54 -0.53 0.00	45.65 -0.62 0.00	40.82 -0.67 1.08	37.45 -0.63 0.00	34.20 -0.57 0.00
NEG MILLWOOD___DRP 24198	30.75 1.56 0.00	31.15 1.54 0.00	29.58 1.47 0.00	29.62 1.43 0.00	29.61 1.40 0.00	29.95 1.40 0.00	32.51 1.48 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.70 1.63 0.00	29.74 1.75 0.00	29.78 1.82 0.00	34.31 1.81 -4.70	43.16 2.19 -7.97	46.53 1.99 -14.56	29.33 1.94 0.00	32.91 2.04 0.00	41.20 2.51 0.00	43.28 2.61 0.00	44.66 2.59 0.00	48.96 2.70 0.00	45.06 2.49 0.00	40.33 2.24 0.00	36.71 1.94 0.00
NEG NORTH_FLCN_SEA 23793	29.30 0.11 0.00	29.71 0.10 0.00	28.15 0.04 0.00	28.37 0.18 0.00	28.62 0.41 0.00	28.91 0.35 0.00	31.47 0.45 0.00	29.31 0.37 0.00	28.56 0.36 0.00	28.21 0.14 0.00	28.01 0.02 0.00	27.97 0.02 0.00	27.79 0.00 0.00	32.90 -0.09 0.00	29.86 -0.12 0.00	27.32 -0.07 0.00	31.02 0.16 0.00	39.11 0.43 0.00	41.30 0.63 0.00	42.79 0.71 0.00	47.14 0.88 0.00	43.42 0.85 0.00	38.77 0.68 0.00	35.31 0.54 0.00
NEG NORTH_KES_CHATAGAY 23792	29.05 -0.14 0.00	29.46 -0.16 0.00	27.90 -0.21 0.00	28.16 -0.02 0.00	28.40 0.19 0.00	28.67 0.12 0.00	31.23 0.21 0.00	29.08 0.13 0.00	28.31 0.11 0.00	28.00 -0.06 0.00	27.82 -0.17 0.00	27.78 -0.17 0.00	27.60 -0.20 0.00	32.67 -0.32 0.00	29.66 -0.32 0.00	27.12 -0.26 0.00	30.73 -0.13 0.00	38.75 0.06 0.00	40.87 0.20 0.00	42.45 0.38 0.00	46.78 0.51 0.00	43.05 0.47 0.00	38.43 0.35 0.00	35.03 0.27 0.00
NEG NORTH___ALICE_FALLS 23915	29.31 0.13 0.00	29.72 0.10 0.00	28.16 0.06 0.00	28.39 0.20 0.00	28.63 0.42 0.00	28.93 0.37 0.00	31.51 0.48 0.00	29.31 0.37 0.00	28.51 0.31 0.00	28.16 0.09 0.00	27.96 -0.03 0.00	27.91 -0.04 0.00	27.73 -0.07 0.00	32.82 -0.17 0.00	29.79 -0.19 0.00	27.25 -0.14 0.00	30.93 0.07 0.00	39.03 0.35 0.00	41.24 0.58 0.00	42.81 0.74 0.00	47.19 0.93 0.00	43.46 0.89 0.00	38.77 0.69 0.00	35.32 0.56 0.00
NEG NORTH___LWR_SARANAC 23913	29.31 0.13 0.00	29.72 0.10 0.00	28.16 0.06 0.00	28.39 0.20 0.00	28.63 0.42 0.00	28.93 0.37 0.00	31.51 0.48 0.00	29.31 0.37 0.00	28.51 0.31 0.00	28.16 0.09 0.00	27.96 -0.03 0.00	27.91 -0.04 0.00	27.73 -0.07 0.00	32.82 -0.17 0.00	29.79 -0.19 0.00	27.25 -0.14 0.00	30.93 0.07 0.00	39.03 0.35 0.00	41.24 0.58 0.00	42.81 0.74 0.00	47.19 0.93 0.00	43.46 0.89 0.00	38.77 0.69 0.00	35.32 0.56 0.00
NEG NORTH___PLATTSBURG 23628	29.31 0.13 0.00	29.72 0.10 0.00	28.16 0.06 0.00	28.39 0.20 0.00	28.64 0.42 0.00	28.93 0.37 0.00	31.51 0.48 0.00	29.31 0.37 0.00	28.51 0.31 0.00	28.16 0.09 0.00	27.96 -0.03 0.00	27.91 -0.04 0.00	27.73 -0.07 0.00	32.82 -0.17 0.00	29.80 -0.19 0.00	27.25 -0.14 0.00	30.93 0.07 0.00	39.03 0.35 0.00	41.24 0.58 0.00	42.81 0.74 0.00	47.19 0.93 0.00	43.46 0.89 0.00	38.77 0.69 0.00	35.32 0.56 0.00
NEG WEST_LEA_LOCKPORT 23791	25.85 -2.42 0.91	27.19 -2.43 0.00	25.53 -2.57 0.00	25.34 -2.84 0.00	25.39 -2.82 0.00	25.99 -2.56 0.00	28.51 -2.51 0.00	26.72 -2.12 0.10	26.67 -1.53 0.00	26.86 -1.21 0.00	26.90 -1.09 0.00	26.80 -1.16 0.00	9.34 -0.35 18.11	2.73 0.46 30.72	-25.77 0.34 56.10	25.94 -1.45 0.00	28.60 -2.27 0.00	35.16 -3.52 0.00	36.40 -4.26 0.00	38.05 -4.03 0.00	41.81 -4.46 0.00	34.38 -3.91 4.28	34.46 -3.62 0.00	31.93 -2.83 0.00
NEG WEST___LANCASTR 23811	25.68 -2.37 1.14	27.26 -2.36 0.00	25.63 -2.48 0.00	25.48 -2.70 0.00	25.49 -2.72 0.00	26.07 -2.49 0.00	28.49 -2.53 0.00	26.66 -2.16 0.13	26.54 -1.66 0.00	26.71 -1.36 0.00	26.74 -1.25 0.00	26.62 -1.34 0.00	5.08 -0.51 22.20	-4.53 0.14 37.66	-38.72 0.07 68.78	25.84 -1.55 0.00	28.73 -2.14 0.00	35.48 -3.20 0.00	36.84 -3.83 0.00	38.44 -3.63 0.00	42.20 -4.07 0.00	33.45 -3.68 5.44	34.74 -3.35 0.00	32.08 -2.69 0.00
NEG_PENN_ALLEGHNY 23528	30.15 -0.07 -1.04	29.51 -0.11 0.00	27.97 -0.13 0.00	28.03 -0.15 0.00	28.05 -0.16 0.00	28.40 -0.15 0.00	30.84 -0.18 0.00	28.93 -0.13 -0.12	28.14 -0.06 0.00	28.09 0.02 0.00	28.05 0.06 0.00	27.99 0.03 0.00	151.90 0.14 -123.96	243.67 0.42 -210.26	414.18 0.44 -383.75	26.87 -0.51 0.00	30.29 -0.58 0.00	37.88 -0.81 0.00	39.76 -0.91 0.00	41.27 -0.80 0.00	45.31 -0.96 0.00	48.42 -1.02 -6.87	37.16 -0.92 0.00	33.95 -0.81 0.00
NEG___GEN_MONROE 24207	27.80 -0.80 0.58	28.79 -0.83 0.00	27.15 -0.95 0.00	27.09 -1.10 0.00	27.10 -1.11 0.00	27.61 -0.94 0.00	30.16 -0.86 0.00	28.23 -0.65 0.07	27.88 -0.31 0.00	27.97 -0.10 0.00	27.96 -0.03 0.00	27.87 -0.08 0.00	15.82 0.28 12.25	12.94 0.73 20.78	-7.33 0.64 37.96	27.06 -0.32 0.00	30.20 -0.67 0.00	37.47 -1.21 0.00	39.08 -1.59 0.00	40.67 -1.41 0.00	44.75 -1.52 0.00	38.57 -1.40 2.61	36.70 -1.38 0.00	33.67 -1.09 0.00

NEPA__ENERGY 23901	26.07 -1.97 1.15	27.73 -1.89 0.00	26.06 -2.04 0.00	26.01 -2.17 0.00	25.98 -2.23 0.00	26.48 -2.07 0.00	28.75 -2.27 0.00	26.86 -1.95 0.13	26.57 -1.62 0.00	26.71 -1.36 0.00	26.85 -1.14 0.00	26.68 -1.27 0.00	4.78 -0.54 22.48	-5.13 0.01 38.13	-39.69 -0.04 69.64	25.98 -1.41 0.00	29.04 -1.82 0.00	35.98 -2.71 0.00	37.46 -3.21 0.00	39.00 -3.08 0.00	42.74 -3.53 0.00	33.63 -3.43 5.52	35.12 -2.97 0.00	32.35 -2.41 0.00
NEVERSINK__HYD 23608	30.60 1.27 -0.15	30.82 1.20 0.00	29.23 1.13 0.00	29.30 1.11 0.00	29.31 1.10 0.00	29.65 1.10 0.00	32.17 1.15 0.00	30.17 1.21 -0.02	29.42 1.22 0.00	29.39 1.32 0.00	29.42 1.43 0.00	29.45 1.50 0.00	37.36 1.50 -8.06	48.60 1.94 -13.68	56.71 1.77 -24.96	29.09 1.71 0.00	32.66 1.80 0.00	40.92 2.24 0.00	43.03 2.37 0.00	44.44 2.37 0.00	48.70 2.43 0.00	44.80 2.23 0.00	40.06 1.98 0.00	36.45 1.69 0.00
NEWKRMKL_115KV_TB1 55635	29.81 0.62 0.00	30.23 0.61 0.00	28.72 0.62 0.00	28.80 0.62 0.00	28.82 0.61 0.00	29.14 0.59 0.00	31.61 0.58 0.00	29.47 0.52 0.00	28.68 0.48 0.00	28.56 0.50 0.00	28.41 0.42 0.00	28.41 0.45 0.00	31.57 0.42 -3.36	39.15 0.45 -5.71	40.90 0.46 -10.45	28.07 0.68 0.00	31.63 0.76 0.00	39.50 0.82 0.00	41.62 0.95 0.00	42.91 0.84 0.00	47.17 0.91 0.00	43.45 0.88 0.00	38.92 0.83 0.00	35.53 0.77 0.00
NEWTON__FALLS_HYD 23847	27.75 -1.43 0.00	28.38 -1.24 0.00	26.89 -1.22 0.00	27.05 -1.13 0.00	27.11 -1.10 0.00	27.42 -1.13 0.00	29.77 -1.25 0.00	27.55 -1.40 0.00	26.58 -1.63 0.00	26.38 -1.69 0.00	26.30 -1.69 0.00	26.29 -1.66 0.00	26.12 -1.68 0.00	30.94 -2.05 0.00	28.19 -1.79 0.00	25.84 -1.54 0.00	29.42 -1.44 0.00	37.34 -1.35 0.00	39.47 -1.20 0.00	41.04 -1.03 0.00	45.19 -1.07 0.00	41.56 -1.01 0.00	37.09 -0.99 0.00	33.77 -0.99 0.00
NGRID_A1_DSASP 323792	25.41 -2.83 0.95	26.76 -2.86 0.00	25.13 -2.97 0.00	24.94 -3.24 0.00	24.99 -3.22 0.00	25.60 -2.96 0.00	28.08 -2.94 0.00	26.34 -2.49 0.11	26.29 -1.91 0.00	26.49 -1.58 0.00	26.53 -1.46 0.00	26.41 -1.54 0.00	8.30 -0.68 18.82	1.20 0.13 31.92	-28.26 0.05 58.30	25.71 -1.67 0.00	28.26 -2.61 0.00	34.73 -3.95 0.00	35.94 -4.73 0.00	37.56 -4.51 0.00	41.28 -4.98 0.00	33.72 -4.37 4.48	34.07 -4.01 0.00	31.59 -3.17 0.00
NGRID_A2_DSASP 323793	25.41 -2.83 0.95	26.76 -2.86 0.00	25.13 -2.97 0.00	24.94 -3.24 0.00	24.99 -3.22 0.00	25.60 -2.96 0.00	28.08 -2.94 0.00	26.34 -2.49 0.11	26.29 -1.91 0.00	26.49 -1.58 0.00	26.53 -1.46 0.00	26.41 -1.54 0.00	8.30 -0.68 18.82	1.20 0.13 31.92	-28.26 0.05 58.30	25.71 -1.67 0.00	28.26 -2.61 0.00	34.73 -3.95 0.00	35.94 -4.73 0.00	37.56 -4.51 0.00	41.28 -4.98 0.00	33.72 -4.37 4.48	34.07 -4.01 0.00	31.59 -3.17 0.00
NGRID_A4_DSASP 323807	25.41 -2.83 0.95	26.76 -2.86 0.00	25.13 -2.97 0.00	24.94 -3.24 0.00	24.99 -3.22 0.00	25.60 -2.96 0.00	28.08 -2.94 0.00	26.34 -2.49 0.11	26.29 -1.91 0.00	26.49 -1.58 0.00	26.53 -1.46 0.00	26.41 -1.54 0.00	8.30 -0.68 18.82	1.20 0.13 31.92	-28.26 0.05 58.30	25.71 -1.67 0.00	28.26 -2.61 0.00	34.73 -3.95 0.00	35.94 -4.73 0.00	37.56 -4.51 0.00	41.28 -4.98 0.00	33.72 -4.37 4.48	34.07 -4.01 0.00	31.59 -3.17 0.00
NIAGARA_115E_LBMP 323715	25.44 -2.81 0.94	26.80 -2.81 0.00	25.19 -2.92 0.00	24.98 -3.20 0.00	25.03 -3.18 0.00	25.65 -2.90 0.00	28.12 -2.90 0.00	26.36 -2.48 0.11	26.31 -1.89 0.00	26.52 -1.55 0.00	26.56 -1.43 0.00	26.44 -1.51 0.00	8.39 -0.72 18.68	1.33 0.04 31.69	-27.91 -0.02 57.88	25.57 -1.82 0.00	28.10 -2.77 0.00	34.45 -4.24 0.00	35.61 -5.05 0.00	37.21 -4.86 0.00	40.89 -5.38 0.00	33.45 -4.69 4.44	33.75 -4.33 0.00	31.32 -3.44 0.00
NIAGARA_115W_LBMP 323714	25.34 -2.90 0.95	26.71 -2.91 0.00	25.10 -3.01 0.00	24.89 -3.30 0.00	24.94 -3.27 0.00	25.55 -3.00 0.00	28.03 -3.00 0.00	26.27 -2.57 0.11	26.23 -1.97 0.00	26.44 -1.64 0.00	26.47 -1.52 0.00	26.35 -1.60 0.00	8.21 -0.81 18.78	1.06 -0.06 31.87	-28.30 -0.09 58.20	25.66 -1.72 0.00	28.19 -2.67 0.00	34.65 -4.04 0.00	35.87 -4.81 0.00	37.48 -4.60 0.00	41.19 -5.07 0.00	33.65 -4.44 4.47	34.00 -4.09 0.00	31.53 -3.23 0.00
NIAGARA_230_LBMP 323716	25.61 -2.64 0.93	26.98 -2.64 0.00	25.36 -2.74 0.00	25.16 -3.02 0.00	25.20 -3.01 0.00	25.79 -2.76 0.00	28.28 -2.74 0.00	26.50 -2.34 0.11	26.43 -1.77 0.00	26.62 -1.45 0.00	26.65 -1.34 0.00	26.53 -1.42 0.00	8.55 -0.72 18.52	1.50 -0.07 31.42	-27.50 -0.10 57.38	25.72 -1.67 0.00	28.41 -2.46 0.00	34.96 -3.72 0.00	36.20 -4.46 0.00	37.83 -4.25 0.00	41.58 -4.68 0.00	34.03 -4.15 4.40	34.30 -3.79 0.00	31.76 -3.00 0.00
NIAGARA__115KV_198_GIBSON 55903	25.35 -2.88 0.95	26.71 -2.91 0.00	25.08 -3.03 0.00	24.89 -3.29 0.00	24.94 -3.27 0.00	25.55 -3.01 0.00	28.03 -3.00 0.00	26.29 -2.55 0.11	26.23 -1.97 0.00	26.43 -1.64 0.00	26.47 -1.52 0.00	26.35 -1.60 0.00	8.28 -0.73 18.78	1.19 0.07 31.87	-28.22 -0.01 58.20	25.68 -1.71 0.00	28.20 -2.66 0.00	34.66 -4.03 0.00	35.87 -4.80 0.00	37.48 -4.59 0.00	41.20 -5.07 0.00	33.65 -4.45 4.47	34.01 -4.08 0.00	31.54 -3.22 0.00
NIAGARA____ 23760	25.61 -2.64 0.94	26.98 -2.64 0.00	25.36 -2.74 0.00	25.16 -3.02 0.00	25.20 -3.01 0.00	25.79 -2.76 0.00	28.28 -2.74 0.00	26.50 -2.34 0.11	26.43 -1.77 0.00	26.62 -1.45 0.00	26.65 -1.34 0.00	26.53 -1.42 0.00	8.45 -0.72 18.62	1.18 -0.07 31.74	-28.16 -0.10 58.04	25.72 -1.67 0.00	28.41 -2.46 0.00	34.96 -3.72 0.00	36.20 -4.46 0.00	37.83 -4.25 0.00	41.58 -4.68 0.00	34.02 -4.15 4.41	34.30 -3.79 0.00	31.76 -3.00 0.00
NINE_MILE_1 23575	28.16 -1.03 0.00	28.57 -1.05 0.00	27.11 -0.99 0.00	27.17 -1.01 0.00	27.19 -1.02 0.00	27.53 -1.02 0.00	29.91 -1.11 0.00	27.90 -1.04 0.00	27.18 -1.02 0.00	27.10 -0.97 0.00	27.03 -0.95 0.00	27.00 -0.96 0.00	26.84 -0.95 0.00	31.85 -1.14 0.00	28.96 -1.03 0.00	26.36 -1.02 0.00	29.69 -1.17 0.00	37.15 -1.54 0.00	39.01 -1.66 0.00	40.39 -1.68 0.00	44.40 -1.87 0.00	40.82 -1.75 0.00	36.51 -1.57 0.00	33.35 -1.41 0.00
NINE_MILE_2 23744	28.16 -1.03 0.00	28.57 -1.05 0.00	27.11 -0.99 0.00	27.17 -1.01 0.00	27.19 -1.02 0.00	27.53 -1.02 0.00	29.91 -1.11 0.00	27.90 -1.04 0.00	27.18 -1.02 0.00	27.10 -0.97 0.00	27.03 -0.95 0.00	27.00 -0.96 0.00	26.84 -0.95 0.00	31.85 -1.14 0.00	28.96 -1.03 0.00	26.36 -1.02 0.00	29.69 -1.17 0.00	37.15 -1.54 0.00	39.01 -1.66 0.00	40.39 -1.68 0.00	44.40 -1.86 0.00	40.83 -1.75 0.00	36.51 -1.57 0.00	33.35 -1.41 0.00
NM_CAPITAL__DRP 24208	29.89 0.71 0.00	30.32 0.70 0.00	28.80 0.70 0.00	28.88 0.70 0.00	28.89 0.68 0.00	29.21 0.66 0.00	31.69 0.67 0.00	29.54 0.59 0.00	28.75 0.56 0.00	28.62 0.55 0.00	28.48 0.49 0.00	28.47 0.52 0.00	31.66 0.49 -3.37	39.27 0.56 -5.73	41.01 0.54 -10.49	28.10 0.72 0.00	31.67 0.81 0.00	39.57 0.89 0.00	41.70 1.04 0.00	42.98 0.91 0.00	47.29 1.02 0.00	43.55 0.98 0.00	39.01 0.93 0.00	35.62 0.85 0.00

NM_CENTRAL___DRP 24181	28.66 -0.53 0.00	29.08 -0.54 0.00	27.57 -0.53 0.00	27.63 -0.55 0.00	27.65 -0.56 0.00	28.00 -0.54 0.00	30.44 -0.58 0.00	28.41 -0.53 0.00	27.72 -0.48 0.00	27.65 -0.42 0.00	27.60 -0.39 0.00	27.56 -0.40 0.00	23.28 -0.42 4.09	25.53 -0.51 6.94	16.84 -0.46 12.68	26.86 -0.53 0.00	30.25 -0.62 0.00	37.84 -0.84 0.00	39.73 -0.94 0.00	41.16 -0.92 0.00	45.23 -1.04 0.00	41.55 -1.02 0.00	37.14 -0.94 0.00	33.92 -0.85 0.00
NM_FRONTIER___DRP 24179	25.35 -2.88 0.95	26.71 -2.91 0.00	25.08 -3.03 0.00	24.89 -3.29 0.00	24.94 -3.27 0.00	25.55 -3.01 0.00	28.03 -3.00 0.00	26.29 -2.55 0.11	26.23 -1.97 0.00	26.43 -1.64 0.00	26.47 -1.52 0.00	26.35 -1.60 0.00	8.28 -0.73 18.78	1.19 0.07 31.87	-28.22 -0.01 58.20	25.68 -1.71 0.00	28.20 -2.66 0.00	34.66 -4.03 0.00	35.87 -4.80 0.00	37.48 -4.59 0.00	41.20 -5.07 0.00	33.65 -4.45 4.47	34.01 -4.08 0.00	31.54 -3.22 0.00
NM_ST_REGIS___HYD 24053	28.41 -0.78 0.00	28.88 -0.74 0.00	27.39 -0.72 0.00	27.54 -0.65 0.00	27.67 -0.54 0.00	28.01 -0.54 0.00	30.50 -0.52 0.00	28.34 -0.61 0.00	27.45 -0.75 0.00	27.19 -0.88 0.00	27.04 -0.95 0.00	26.98 -0.98 0.00	26.73 -1.06 0.00	31.59 -1.40 0.00	28.71 -1.27 0.00	26.30 -1.09 0.00	29.82 -1.04 0.00	37.70 -0.99 0.00	39.80 -0.86 0.00	41.41 -0.66 0.00	45.65 -0.62 0.00	41.99 -0.59 0.00	37.49 -0.60 0.00	34.17 -0.60 0.00
NORTHPORT___1 23551	38.30 1.76 -7.35	35.56 1.77 -4.18	31.60 1.69 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.93 1.62 -6.76	32.50 1.48 0.00	30.39 1.44 0.00	29.49 1.29 0.00	29.73 1.31 -0.36	42.39 1.82 -12.59	44.42 1.88 -14.59	42.43 1.68 -12.95	26.01 1.26 8.24	20.22 0.99 10.75	19.05 1.19 9.53	19.05 1.27 13.09	19.05 1.70 21.33	19.04 2.09 23.71	19.04 1.94 24.98	19.04 2.01 29.24	19.04 2.11 25.64	21.12 2.06 19.02	45.36 1.91 -8.69
NORTHPORT___2 23552	38.30 1.76 -7.35	35.56 1.77 -4.18	31.60 1.69 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.93 1.62 -6.76	32.50 1.48 0.00	30.39 1.44 0.00	29.49 1.29 0.00	29.73 1.31 -0.36	42.39 1.82 -12.59	44.42 1.88 -14.59	42.43 1.68 -12.95	26.01 1.26 8.24	20.22 0.99 10.75	19.05 1.19 9.53	19.05 1.27 13.09	19.05 1.70 21.33	19.04 2.09 23.71	19.04 1.94 24.98	19.04 2.01 29.24	19.04 2.11 25.64	21.12 2.06 19.02	45.36 1.91 -8.69
NORTHPORT___3 23553	38.31 1.75 -7.37	35.56 1.76 -4.18	31.60 1.69 -1.81	34.05 1.67 -4.20	31.59 1.61 -1.77	36.92 1.61 -6.76	32.50 1.48 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.75 1.32 -0.36	42.45 1.82 -12.64	44.48 1.88 -14.65	42.46 1.68 -12.98	32.70 1.26 1.56	29.79 1.00 1.19	22.98 1.19 5.60	24.45 1.27 7.69	27.85 1.70 12.53	30.86 1.92 11.88	29.32 1.92 14.68	31.08 1.99 17.17	32.12 2.08 12.53	32.07 2.03 8.04	45.38 1.89 -8.72
NORTHPORT___4 23650	38.31 1.75 -7.37	35.56 1.76 -4.18	31.60 1.69 -1.81	34.05 1.67 -4.20	31.59 1.61 -1.77	36.92 1.61 -6.76	32.50 1.48 0.00	30.37 1.43 0.00	29.49 1.29 0.00	29.75 1.32 -0.36	42.45 1.82 -12.64	44.48 1.88 -14.65	42.46 1.68 -12.98	32.70 1.26 1.56	29.79 1.00 1.19	22.98 1.19 5.60	24.45 1.27 7.69	27.85 1.70 12.53	30.86 1.92 11.88	29.32 1.92 14.68	31.08 1.99 17.17	32.12 2.08 12.53	32.07 2.03 8.04	45.38 1.89 -8.72
NORTHPORT___IC 23718	38.30 1.76 -7.35	35.57 1.77 -4.18	31.61 1.70 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.93 1.62 -6.76	32.50 1.48 0.00	30.38 1.44 0.00	29.49 1.29 0.00	29.73 1.31 -0.36	42.39 1.82 -12.59	44.42 1.87 -14.59	42.41 1.67 -12.95	25.98 1.24 8.24	20.21 0.97 10.75	19.05 1.19 9.53	19.06 1.28 13.09	19.05 1.70 21.33	19.04 2.09 23.71	19.04 1.94 24.98	19.04 2.01 29.24	19.04 2.11 25.64	21.12 2.06 19.02	45.35 1.90 -8.69
NORTH___COUNTRY_ESR 323785	29.00 -0.19 0.00	29.42 -0.20 0.00	27.85 -0.25 0.00	28.12 -0.07 0.00	28.37 0.16 0.00	28.63 0.08 0.00	31.18 0.16 0.00	29.07 0.12 0.00	28.31 0.11 0.00	28.00 -0.06 0.00	27.82 -0.17 0.00	27.78 -0.17 0.00	27.60 -0.20 0.00	32.67 -0.31 0.00	29.67 -0.32 0.00	27.12 -0.26 0.00	30.73 -0.13 0.00	38.75 0.06 0.00	40.87 0.20 0.00	42.41 0.34 0.00	46.71 0.44 0.00	42.97 0.39 0.00	38.36 0.28 0.00	34.98 0.22 0.00
NPX_GEN_1385_PROXY 323591	38.30 1.76 -7.35	35.56 1.77 -4.18	31.60 1.69 -1.81	34.06 1.68 -4.20	31.60 1.62 -1.77	36.93 1.62 -6.76	32.50 1.48 0.00	30.39 1.44 0.00	29.49 1.29 0.00	29.73 1.31 -0.36	42.39 1.82 -12.59	44.42 1.88 -14.59	42.43 1.68 -12.95	26.01 1.26 8.24	20.22 0.99 10.75	19.05 1.19 9.53	19.05 1.27 13.09	19.05 1.70 21.33	19.04 2.09 23.71	19.04 1.94 24.98	19.04 2.01 29.24	19.04 2.11 25.64	21.12 2.06 19.02	45.36 1.91 -8.69
NPX_GEN_CSC 323557	38.54 1.94 -7.41	35.84 2.04 -4.18	31.91 2.01 -1.81	34.44 2.06 -4.20	31.95 1.97 -1.77	37.30 1.99 -6.76	32.69 1.67 0.00	30.90 1.95 0.00	29.93 1.73 0.00	29.84 1.41 -0.36	42.40 1.67 -12.74	44.44 1.72 -14.76	42.50 1.65 -13.04	45.38 1.32 -11.07	47.86 1.00 -16.88	30.44 1.23 -1.83	34.74 1.36 -2.52	44.74 1.96 -4.10	53.87 2.70 -10.50	49.37 2.49 -4.80	54.54 2.65 -5.63	57.75 2.93 -12.25	53.71 2.90 -12.72	46.11 2.55 -8.79
NSINS_S___GLNS_FALLS 23858	30.56 1.37 0.00	31.01 1.39 0.00	29.43 1.33 0.00	29.51 1.33 0.00	29.55 1.34 0.00	29.91 1.36 0.00	32.48 1.46 0.00	30.13 1.18 0.00	29.20 1.00 0.00	28.96 0.88 0.00	28.83 0.84 0.00	28.76 0.80 0.00	32.01 0.72 -3.49	39.83 0.92 -5.93	41.76 0.88 -10.90	28.53 1.14 0.00	32.50 1.63 0.00	40.84 2.16 0.00	43.11 2.44 0.00	44.39 2.32 0.00	48.93 2.66 0.00	45.11 2.54 0.00	40.31 2.23 0.00	36.69 1.92 0.00
NUCOR_STEEL___DRP 24197	28.68 -0.25 0.25	29.33 -0.29 0.00	27.81 -0.29 0.00	27.87 -0.32 0.00	27.89 -0.33 0.00	28.27 -0.28 0.00	30.73 -0.30 0.00	28.65 -0.27 0.03	28.00 -0.19 0.00	27.97 -0.09 0.00	27.91 -0.07 0.00	27.84 -0.11 0.00	21.07 -0.13 6.60	21.60 -0.19 11.20	9.35 -0.18 20.45	27.07 -0.31 0.00	30.50 -0.37 0.00	38.11 -0.57 0.00	40.01 -0.66 0.00	41.51 -0.57 0.00	45.61 -0.66 0.00	41.07 -0.69 0.81	37.43 -0.65 0.00	34.18 -0.59 0.00
NUMBER_THREE_WT_PWR 323818	27.96 -1.22 0.00	28.75 -0.87 0.00	27.19 -0.91 0.00	27.39 -0.79 0.00	27.41 -0.80 0.00	27.70 -0.85 0.00	29.96 -1.06 0.00	27.66 -1.29 0.00	26.65 -1.55 0.00	26.55 -1.52 0.00	26.51 -1.48 0.00	26.55 -1.40 0.00	26.46 -1.33 0.00	31.46 -1.53 0.00	28.72 -1.27 0.00	26.34 -1.05 0.00	30.04 -0.82 0.00	38.22 -0.47 0.00	40.44 -0.23 0.00	41.97 -0.11 0.00	46.16 -0.11 0.00	42.45 -0.12 0.00	37.87 -0.21 0.00	34.45 -0.32 0.00
NYISO_LBMP_REFERENCE 24008	29.19 0.00 0.00	29.62 0.00 0.00	28.10 0.00 0.00	28.18 0.00 0.00	28.21 0.00 0.00	28.55 0.00 0.00	31.02 0.00 0.00	28.95 0.00 0.00	28.20 0.00 0.00	28.07 0.00 0.00	27.99 0.00 0.00	27.95 0.00 0.00	27.80 0.00 0.00	32.99 0.00 0.00	29.98 0.00 0.00	27.39 0.00 0.00	30.87 0.00 0.00	38.68 0.00 0.00	40.67 0.00 0.00	42.08 0.00 0.00	46.27 0.00 0.00	42.57 0.00 0.00	38.08 0.00 0.00	34.76 0.00 0.00

NYPA_BRENTWD____GT 24164	38.80 2.10 -7.52	35.89 2.10 -4.18	31.91 2.00 -1.81	34.36 1.98 -4.20	31.89 1.91 -1.77	37.24 1.93 -6.76	32.85 1.83 0.00	30.75 1.80 0.00	29.85 1.66 0.00	30.13 1.69 -0.37	43.13 2.15 -13.00	45.23 2.21 -15.07	43.09 2.08 -13.21	45.59 1.82 -10.78	48.00 1.50 -16.52	30.68 1.64 -1.65	34.93 1.78 -2.28	44.75 2.35 -3.71	53.53 2.79 -10.08	48.98 2.56 -4.34	54.12 2.76 -5.09	57.21 2.84 -11.79	53.18 2.71 -12.39	46.14 2.41 -8.97
NYPA_GOWANUS____GT5 24156	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NYPA_GOWANUS____GT6 24157	30.88 1.70 0.00	31.29 1.68 0.00	29.69 1.59 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.59 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.87 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.55 1.99 -4.76	43.53 2.46 -8.08	46.92 2.19 -14.74	29.52 2.13 0.00	32.99 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00
NYPA_HARLEM__RVR__GT1 24160	30.63 1.45 0.00	31.02 1.40 0.00	29.43 1.33 0.01	29.49 1.31 0.00	29.47 1.25 0.00	29.81 1.26 0.00	32.33 1.30 0.00	30.38 1.44 0.00	29.65 1.45 0.00	29.64 1.57 0.00	29.70 1.71 0.00	29.73 1.78 0.00	34.31 1.76 -4.76	43.22 2.16 -8.07	46.67 1.95 -14.74	29.33 1.95 0.00	32.79 1.93 0.00	40.98 2.29 0.00	42.88 2.23 0.02	44.26 2.19 0.00	48.46 2.20 0.00	44.71 2.14 0.00	40.06 1.97 0.00	36.45 1.68 0.00
NYPA_HARLEM__RVR__GT2 24161	30.63 1.45 0.00	31.02 1.40 0.00	29.43 1.33 0.01	29.49 1.31 0.00	29.47 1.25 0.00	29.81 1.26 0.00	32.33 1.30 0.00	30.38 1.44 0.00	29.65 1.45 0.00	29.64 1.57 0.00	29.70 1.71 0.00	29.73 1.78 0.00	34.31 1.76 -4.76	43.22 2.16 -8.07	46.67 1.95 -14.74	29.33 1.95 0.00	32.79 1.93 0.00	40.98 2.29 0.00	42.88 2.23 0.02	44.26 2.19 0.00	48.46 2.20 0.00	44.71 2.14 0.00	40.06 1.97 0.00	36.45 1.68 0.00
NYPA_KENT____GT 24152	30.82 1.63 0.00	31.21 1.60 0.00	29.62 1.52 0.00	29.65 1.47 0.00	29.64 1.43 0.00	29.98 1.43 0.00	32.51 1.48 0.00	30.57 1.62 0.00	29.82 1.62 0.00	29.81 1.74 0.00	29.86 1.87 0.00	29.90 1.95 0.00	34.48 1.92 -4.76	43.41 2.34 -8.07	46.83 2.10 -14.74	29.45 2.07 0.00	32.94 2.07 0.00	41.16 2.48 0.00	43.13 2.46 0.00	44.52 2.44 0.00	48.71 2.44 0.00	44.90 2.32 0.00	40.26 2.17 0.00	36.64 1.88 0.00
NYPA_POUCH1____GT 24155	30.93 1.74 0.00	31.35 1.74 0.00	29.75 1.64 0.00	29.78 1.60 0.00	29.77 1.56 0.00	30.11 1.56 0.00	32.66 1.64 0.00	30.68 1.74 0.00	29.92 1.72 0.00	29.89 1.82 0.00	29.95 1.96 0.00	29.99 2.04 0.00	34.58 2.02 -4.76	43.56 2.50 -8.08	46.98 2.25 -14.74	29.49 2.11 0.00	32.96 2.09 0.00	41.20 2.52 0.00	43.23 2.56 0.00	44.64 2.56 0.00	48.85 2.58 -0.01	45.02 2.45 0.00	40.32 2.23 0.00	36.67 1.91 0.00
NYPA_VERNON____GT2 24162	30.74 1.55 0.00	31.13 1.51 0.00	29.55 1.44 0.00	29.59 1.41 0.00	29.57 1.36 0.00	29.92 1.37 0.00	32.42 1.40 0.00	30.49 1.55 0.00	29.77 1.57 0.00	29.75 1.68 0.00	29.80 1.81 0.00	29.84 1.89 0.00	34.41 1.85 -4.76	43.31 2.24 -8.07	46.73 2.01 -14.74	29.39 2.01 0.00	32.88 2.02 0.00	41.08 2.39 0.00	43.02 2.36 0.00	44.39 2.32 0.00	48.56 2.29 0.00	44.76 2.19 0.00	40.15 2.07 0.00	36.57 1.81 0.00
NYPA_VERNON____GT3 24163	30.74 1.55 0.00	31.13 1.51 0.00	29.55 1.44 0.00	29.59 1.41 0.00	29.57 1.36 0.00	29.92 1.37 0.00	32.42 1.40 0.00	30.49 1.55 0.00	29.77 1.57 0.00	29.75 1.68 0.00	29.80 1.81 0.00	29.84 1.89 0.00	34.41 1.85 -4.76	43.31 2.24 -8.07	46.73 2.01 -14.74	29.39 2.01 0.00	32.88 2.02 0.00	41.08 2.39 0.00	43.02 2.36 0.00	44.39 2.32 0.00	48.56 2.29 0.00	44.76 2.19 0.00	40.15 2.07 0.00	36.57 1.81 0.00
NYPA__ASTORIA_CC1 323568	30.70 1.52 0.00	31.10 1.48 0.00	29.52 1.42 0.00	29.56 1.38 0.00	29.53 1.33 0.00	29.87 1.32 0.00	32.38 1.36 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.73 1.66 0.00	29.76 1.78 0.00	29.81 1.86 0.00	34.37 1.81 -4.76	43.26 2.20 -8.07	46.69 1.97 -14.74	29.37 1.98 0.00	32.83 1.97 0.00	41.04 2.35 0.00	42.97 2.31 0.00	44.34 2.27 0.00	48.50 2.23 0.00	44.71 2.14 0.00	40.10 2.02 0.00	36.52 1.76 0.00
NYPA__ASTORIA_CC2 323569	30.70 1.52 0.00	31.10 1.48 0.00	29.52 1.42 0.00	29.56 1.38 0.00	29.53 1.33 0.00	29.87 1.32 0.00	32.38 1.36 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.73 1.66 0.00	29.76 1.78 0.00	29.81 1.86 0.00	34.37 1.81 -4.76	43.26 2.20 -8.07	46.69 1.97 -14.74	29.37 1.98 0.00	32.83 1.97 0.00	41.04 2.35 0.00	42.97 2.31 0.00	44.34 2.27 0.00	48.50 2.23 0.00	44.71 2.14 0.00	40.10 2.02 0.00	36.52 1.76 0.00
NYPA__HOLTSVILL 23794	38.53 1.93 -7.41	35.76 1.96 -4.18	31.80 1.90 -1.81	34.28 1.90 -4.20	31.80 1.82 -1.77	37.14 1.83 -6.76	32.69 1.67 0.00	30.69 1.75 0.00	29.76 1.56 0.00	29.94 1.51 -0.36	42.60 1.89 -12.72	44.65 1.96 -14.74	42.67 1.84 -13.03	45.74 1.55 -11.19	48.26 1.22 -17.05	30.71 1.42 -1.90	35.02 1.55 -2.61	45.01 2.06 -4.26	53.95 2.57 -10.71	49.48 2.41 -4.99	54.65 2.54 -5.85	57.70 2.65 -12.48	53.57 2.58 -12.91	45.82 2.27 -8.78
NYPA__HELLGATE_GT1 24158	30.63 1.45 0.00	31.02 1.40 0.00	29.44 1.33 0.00	29.48 1.30 0.01	29.47 1.25 0.00	29.81 1.26 0.00	32.33 1.30 0.00	30.38 1.44 0.00	29.65 1.45 0.00	29.64 1.57 0.00	29.70 1.71 0.00	29.73 1.78 0.00	34.31 1.76 -4.76	43.22 2.16 -8.07	46.67 1.95 -14.74	29.33 1.95 0.00	32.79 1.93 0.00	41.00 2.31 0.00	42.89 2.23 0.00	44.27 2.19 0.00	48.46 2.19 0.00	44.70 2.13 0.00	40.06 1.97 0.00	36.45 1.68 0.00
NYPA__HELLGATE_GT2 24159	30.63 1.45 0.00	31.02 1.40 0.00	29.44 1.33 0.00	29.48 1.30 0.01	29.47 1.25 0.00	29.81 1.26 0.00	32.33 1.30 0.00	30.38 1.44 0.00	29.65 1.45 0.00	29.64 1.57 0.00	29.70 1.71 0.00	29.73 1.78 0.00	34.31 1.76 -4.76	43.22 2.16 -8.07	46.67 1.95 -14.74	29.33 1.95 0.00	32.79 1.93 0.00	41.00 2.31 0.00	42.89 2.23 0.00	44.27 2.19 0.00	48.46 2.19 0.00	44.70 2.13 0.00	40.06 1.97 0.00	36.45 1.68 0.00
NYS_BARGE__HYD 23848	25.89 -2.40 0.89	27.23 -2.39 0.00	25.59 -2.51 0.00	25.38 -2.81 0.00	25.42 -2.78 0.00	26.03 -2.52 0.00	28.55 -2.48 0.00	26.76 -2.09 0.10	26.70 -1.50 0.00	26.91 -1.17 0.00	26.94 -1.05 0.00	26.84 -1.12 0.00	9.58 -0.38 17.84	3.11 0.38 30.26	-24.96 0.31 55.26	25.96 -1.43 0.00	28.61 -2.26 0.00	35.16 -3.53 0.00	36.40 -4.27 0.00	38.04 -4.04 0.00	41.79 -4.48 0.00	34.47 -3.90 4.20	34.45 -3.63 0.00	31.92 -2.85 0.00

OAK ORCHARD__HYD 24046	27.77 -0.85 0.56	28.76 -0.86 0.00	27.16 -0.95 0.00	27.09 -1.09 0.00	27.10 -1.11 0.00	27.58 -0.97 0.00	30.11 -0.91 0.00	28.15 -0.73 0.06	27.77 -0.43 0.00	27.83 -0.25 0.00	27.81 -0.18 0.00	27.73 -0.23 0.00	15.85 0.05 11.99	13.03 0.38 20.35	-6.84 0.34 37.16	26.96 -0.43 0.00	30.13 -0.74 0.00	37.43 -1.25 0.00	39.05 -1.62 0.00	40.60 -1.47 0.00	44.69 -1.58 0.00	38.57 -1.47 2.53	36.66 -1.42 0.00	33.62 -1.15 0.00
OAKDALE__35_KV_LOAD 356122	30.25 -0.09 -1.16	29.49 -0.13 0.00	27.95 -0.15 0.00	28.02 -0.16 0.00	28.04 -0.17 0.00	28.39 -0.16 0.00	30.83 -0.20 0.00	28.93 -0.14 -0.13	28.12 -0.08 0.00	28.07 0.00 0.00	28.02 0.04 0.00	27.96 0.00 0.00	151.37 0.25 -123.33	242.70 0.53 -209.18	412.35 0.60 -381.77	26.82 -0.57 0.00	30.22 -0.65 0.00	37.78 -0.91 0.00	39.66 -1.01 0.00	41.16 -0.91 0.00	45.21 -1.06 0.00	48.89 -1.12 -7.43	37.09 -1.00 0.00	33.89 -0.87 0.00
OCC_CHEM__DRP 24175	25.41 -2.83 0.95	26.76 -2.86 0.00	25.13 -2.97 0.00	24.94 -3.24 0.00	24.99 -3.22 0.00	25.60 -2.96 0.00	28.08 -2.94 0.00	26.34 -2.49 0.11	26.29 -1.91 0.00	26.49 -1.58 0.00	26.53 -1.46 0.00	26.41 -1.54 0.00	8.30 -0.68 18.82	1.20 0.13 31.92	-28.26 0.05 58.30	25.71 -1.67 0.00	28.26 -2.61 0.00	34.73 -3.95 0.00	35.94 -4.73 0.00	37.56 -4.51 0.00	41.28 -4.98 0.00	33.72 -4.37 4.48	34.07 -4.01 0.00	31.59 -3.17 0.00
OH_GEN_PROXY 24063	25.65 -2.60 0.93	27.03 -2.59 0.00	25.41 -2.70 0.00	25.21 -2.97 0.00	25.24 -2.97 0.00	25.84 -2.71 0.00	28.33 -2.70 0.00	26.54 -2.30 0.11	26.46 -1.74 0.00	26.64 -1.43 0.00	26.67 -1.32 0.00	26.55 -1.40 0.00	8.48 -0.74 18.58	1.36 -0.12 31.51	-27.71 -0.14 57.55	25.74 -1.65 0.00	28.45 -2.41 0.00	35.05 -3.63 0.00	36.31 -4.36 0.00	37.92 -4.16 0.00	41.69 -4.57 0.00	34.10 -4.06 4.41	34.37 -3.72 0.00	31.81 -2.95 0.00
OLIN_CORP_DRP 24177	25.48 -2.76 0.95	26.83 -2.78 0.00	25.20 -2.90 0.00	25.01 -3.17 0.00	25.07 -3.14 0.00	25.68 -2.87 0.00	28.16 -2.86 0.00	26.40 -2.44 0.11	26.35 -1.84 0.00	26.55 -1.52 0.00	26.59 -1.40 0.00	26.47 -1.48 0.00	8.28 -0.62 18.90	1.10 0.17 32.06	-28.47 0.09 58.55	25.62 -1.77 0.00	28.17 -2.70 0.00	34.55 -4.14 0.00	35.72 -4.95 0.00	37.33 -4.74 0.00	41.02 -5.25 0.00	33.49 -4.58 4.50	33.86 -4.23 0.00	31.41 -3.36 0.00
OLIN_CORP_DSASP 323712	25.41 -2.83 0.95	26.76 -2.86 0.00	25.13 -2.97 0.00	24.94 -3.24 0.00	24.99 -3.22 0.00	25.60 -2.96 0.00	28.08 -2.94 0.00	26.34 -2.49 0.11	26.29 -1.91 0.00	26.49 -1.58 0.00	26.53 -1.46 0.00	26.41 -1.54 0.00	8.30 -0.68 18.82	1.20 0.13 31.92	-28.26 0.05 58.30	25.71 -1.67 0.00	28.26 -2.61 0.00	34.73 -3.95 0.00	35.94 -4.73 0.00	37.56 -4.51 0.00	41.28 -4.98 0.00	33.72 -4.37 4.48	34.07 -4.01 0.00	31.59 -3.17 0.00
ONEIDA_HERK_LFGE 323681	28.98 -0.21 0.00	29.58 -0.04 0.00	28.01 -0.09 0.00	28.15 -0.04 0.00	28.17 -0.04 0.00	28.52 -0.03 0.00	30.93 -0.09 0.00	28.66 -0.28 0.00	27.75 -0.45 0.00	27.62 -0.45 0.00	27.55 -0.44 0.00	27.52 -0.43 0.00	27.43 -0.37 0.00	32.58 -0.41 0.00	29.69 -0.30 0.00	27.17 -0.22 0.00	30.91 0.04 0.00	39.12 0.43 0.00	41.28 0.61 0.00	42.78 0.70 0.00	47.03 0.76 0.00	43.22 0.64 0.00	38.57 0.48 0.00	35.10 0.33 0.00
ONEIDA__115KV_TB4 55905	29.52 0.34 0.00	29.97 0.36 0.00	28.41 0.31 0.00	28.50 0.32 0.00	28.54 0.33 0.00	28.91 0.36 0.00	31.40 0.37 0.00	29.20 0.26 0.00	28.39 0.19 0.00	28.27 0.20 0.00	28.21 0.22 0.00	28.16 0.21 0.00	28.00 0.20 0.00	33.19 0.20 0.00	30.20 0.22 0.00	27.59 0.20 0.00	31.29 0.42 0.00	39.38 0.69 0.00	41.46 0.79 0.00	42.90 0.83 0.00	47.16 0.90 0.00	43.31 0.74 0.00	38.68 0.59 0.00	35.26 0.49 0.00
ONONDAGA_REF_OCCRA 23987	28.85 -0.34 0.00	29.26 -0.36 0.00	27.75 -0.36 0.00	27.81 -0.38 0.00	27.83 -0.38 0.00	28.18 -0.36 0.00	30.63 -0.39 0.00	28.59 -0.35 0.00	27.90 -0.31 0.00	27.83 -0.23 0.00	27.78 -0.21 0.00	27.73 -0.22 0.00	22.98 -0.27 4.54	24.91 -0.37 7.71	15.57 -0.33 14.09	27.00 -0.39 0.00	30.42 -0.45 0.00	38.08 -0.61 0.00	39.98 -0.69 0.00	41.44 -0.63 0.00	45.54 -0.73 0.00	41.81 -0.76 0.00	37.38 -0.71 0.00	34.12 -0.64 0.00
ONONDAGA__COGEN 23986	28.62 -0.40 0.16	29.20 -0.42 0.00	27.69 -0.41 0.00	27.75 -0.43 0.00	27.77 -0.43 0.00	28.13 -0.42 0.00	30.57 -0.45 0.00	28.51 -0.42 0.02	27.83 -0.37 0.00	27.76 -0.31 0.00	27.71 -0.27 0.00	27.65 -0.31 0.00	22.21 -0.32 5.26	23.64 -0.42 8.92	13.31 -0.37 16.30	26.95 -0.44 0.00	30.36 -0.50 0.00	37.99 -0.69 0.00	39.89 -0.78 0.00	41.34 -0.74 0.00	45.42 -0.84 0.00	41.71 -0.86 0.00	37.29 -0.79 0.00	34.05 -0.72 0.00
ONTARIO__LFGE 23819	27.84 -0.56 0.78	29.00 -0.62 0.00	27.47 -0.64 0.00	27.42 -0.76 0.00	27.42 -0.79 0.00	27.91 -0.64 0.00	30.34 -0.69 0.00	28.28 -0.58 0.09	27.88 -0.32 0.00	27.88 -0.19 0.00	27.82 -0.17 0.00	27.63 -0.32 0.00	11.88 -0.11 15.81	6.28 0.11 26.82	-18.81 0.18 48.97	27.04 -0.35 0.00	30.38 -0.48 0.00	37.90 -0.78 0.00	39.69 -0.97 0.00	41.29 -0.79 0.00	45.31 -0.95 0.00	37.94 -1.07 3.56	37.11 -0.97 0.00	33.96 -0.80 0.00
ORANGEVILLE_WT_PWR 323706	25.39 -2.49 1.31	27.24 -2.38 0.00	25.61 -2.50 0.00	25.37 -2.82 0.00	25.36 -2.85 0.00	25.96 -2.59 0.00	28.28 -2.74 0.00	26.29 -2.51 0.15	26.30 -1.89 0.00	26.38 -1.69 0.00	26.40 -1.59 0.00	26.33 -1.62 0.00	1.80 -0.87 25.14	-9.91 -0.25 42.64	-47.97 -0.08 77.88	25.90 -1.49 0.00	28.87 -2.00 0.00	35.68 -3.01 0.00	37.09 -3.58 0.00	38.73 -3.34 0.00	42.41 -3.86 0.00	32.78 -3.52 6.27	34.99 -3.09 0.00	32.34 -2.43 0.00
ORANGEVILLE__ESR 323794	25.39 -2.49 1.31	27.24 -2.38 0.00	25.61 -2.50 0.00	25.37 -2.82 0.00	25.36 -2.85 0.00	25.96 -2.59 0.00	28.28 -2.74 0.00	26.29 -2.51 0.15	26.30 -1.89 0.00	26.38 -1.69 0.00	26.40 -1.59 0.00	26.33 -1.62 0.00	1.80 -0.87 25.14	-9.91 -0.25 42.64	-47.97 -0.08 77.88	25.90 -1.49 0.00	28.87 -2.00 0.00	35.68 -3.01 0.00	37.09 -3.58 0.00	38.73 -3.34 0.00	42.41 -3.86 0.00	32.78 -3.52 6.27	34.99 -3.09 0.00	32.34 -2.43 0.00
OSWEGATCHIE__HYD 24044	27.75 -1.43 0.00	28.38 -1.24 0.00	26.89 -1.22 0.00	27.05 -1.13 0.00	27.11 -1.10 0.00	27.42 -1.12 0.00	29.77 -1.25 0.00	27.55 -1.40 0.00	26.57 -1.63 0.00	26.38 -1.69 0.00	26.30 -1.69 0.00	26.29 -1.66 0.00	26.13 -1.67 0.00	30.95 -2.04 0.00	28.20 -1.78 0.00	25.84 -1.54 0.00	29.42 -1.44 0.00	37.34 -1.35 0.00	39.47 -1.20 0.00	41.04 -1.03 0.00	45.19 -1.08 0.00	41.56 -1.01 0.00	37.09 -0.99 0.00	33.77 -0.99 0.00
OSWEGO__5 23606	28.36 -0.83 0.00	28.77 -0.85 0.00	27.29 -0.82 0.00	27.36 -0.83 0.00	27.37 -0.85 0.00	27.72 -0.83 0.00	30.12 -0.90 0.00	28.10 -0.85 0.00	27.39 -0.81 0.00	27.31 -0.76 0.00	27.24 -0.74 0.00	27.20 -0.75 0.00	23.77 -0.76 3.27	26.53 -0.91 5.55	19.03 -0.81 10.14	26.55 -0.83 0.00	29.89 -0.97 0.00	37.41 -1.28 0.00	39.29 -1.38 0.00	40.69 -1.38 0.00	44.73 -1.54 0.00	41.11 -1.46 0.00	36.77 -1.32 0.00	33.58 -1.18 0.00

OSWEGO___6 23613	28.36 -0.83 0.00	28.77 -0.85 0.00	27.29 -0.82 0.00	27.36 -0.83 0.00	27.37 -0.85 0.00	27.72 -0.83 0.00	30.12 -0.90 0.00	28.10 -0.85 0.00	27.39 -0.81 0.00	27.31 -0.76 0.00	27.24 -0.74 0.00	27.20 -0.75 0.00	23.77 -0.76 3.27	26.53 -0.91 5.55	19.03 -0.81 10.14	26.55 -0.83 0.00	29.89 -0.97 0.00	37.41 -1.28 0.00	39.29 -1.38 0.00	40.69 -1.38 0.00	44.73 -1.54 0.00	41.11 -1.46 0.00	36.77 -1.32 0.00	33.58 -1.18 0.00
OUTOKUMPU-AB___DRP 24206	25.95 -2.27 0.97	27.35 -2.27 0.00	25.67 -2.43 0.00	25.48 -2.70 0.00	25.53 -2.68 0.00	26.13 -2.41 0.00	28.65 -2.37 0.00	26.87 -1.96 0.11	26.81 -1.39 0.00	27.01 -1.06 0.00	27.07 -0.92 0.00	26.96 -1.00 0.00	8.47 -0.16 19.17	1.16 0.70 32.52	-28.83 0.58 59.40	26.17 -1.21 0.00	28.84 -2.02 0.00	35.51 -3.17 0.00	36.78 -3.89 0.00	38.41 -3.67 0.00	42.22 -4.05 0.00	34.42 -3.58 4.58	34.80 -3.29 0.00	32.21 -2.55 0.00
OXBOW___BTM 323836	25.72 -2.51 0.96	27.13 -2.49 0.00	25.48 -2.63 0.00	25.27 -2.91 0.00	25.32 -2.89 0.00	25.93 -2.62 0.00	28.43 -2.59 0.00	26.65 -2.18 0.11	26.61 -1.58 0.00	26.83 -1.24 0.00	26.87 -1.12 0.00	26.75 -1.20 0.00	8.38 -0.42 18.99	1.13 0.36 32.22	-28.56 0.31 58.85	26.01 -1.38 0.00	28.62 -2.25 0.00	35.21 -3.47 0.00	36.46 -4.21 0.00	38.09 -3.99 0.00	41.86 -4.41 0.00	34.17 -3.87 4.53	34.51 -3.58 0.00	31.98 -2.79 0.00
OXBOW___ 24026	25.74 -2.49 0.96	27.13 -2.49 0.00	25.46 -2.64 0.00	25.28 -2.91 0.00	25.32 -2.89 0.00	25.93 -2.62 0.00	28.43 -2.59 0.00	26.67 -2.17 0.11	26.62 -1.58 0.00	26.83 -1.25 0.00	26.87 -1.12 0.00	26.75 -1.20 0.00	8.45 -0.35 18.99	1.27 0.50 32.22	-28.47 0.40 58.85	26.01 -1.37 0.00	28.63 -2.24 0.00	35.21 -3.47 0.00	36.46 -4.20 0.00	38.09 -3.99 0.00	41.87 -4.40 0.00	34.17 -3.87 4.53	34.53 -3.56 0.00	31.98 -2.78 0.00
OXY_CHEM_DSASP 323612	25.41 -2.83 0.95	26.76 -2.86 0.00	25.13 -2.97 0.00	24.94 -3.24 0.00	24.99 -3.22 0.00	25.60 -2.96 0.00	28.08 -2.94 0.00	26.34 -2.49 0.11	26.29 -1.91 0.00	26.49 -1.58 0.00	26.53 -1.46 0.00	26.41 -1.54 0.00	8.30 -0.68 18.82	1.20 0.13 31.92	-28.26 0.05 58.30	25.71 -1.67 0.00	28.26 -2.61 0.00	34.73 -3.95 0.00	35.94 -4.73 0.00	37.56 -4.51 0.00	41.28 -4.98 0.00	33.72 -4.37 4.48	34.07 -4.01 0.00	31.59 -3.17 0.00
OZONE_PARK_ESR 323760	30.96 1.77 0.00	31.34 1.73 0.00	29.75 1.64 0.00	29.77 1.59 0.00	29.75 1.53 0.00	30.10 1.55 0.00	32.64 1.62 0.00	30.66 1.72 0.00	29.93 1.73 0.00	29.93 1.86 0.00	30.01 2.02 0.00	30.04 2.09 0.00	34.63 2.07 -4.76	43.59 2.52 -8.07	46.99 2.27 -14.74	29.61 2.23 0.00	33.15 2.29 0.00	41.45 2.77 0.00	43.47 2.80 0.00	44.88 2.81 0.00	49.13 2.86 0.00	45.27 2.70 0.00	40.55 2.46 0.00	36.91 2.15 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.41 -2.83 0.95	26.76 -2.86 0.00	25.13 -2.97 0.00	24.94 -3.24 0.00	24.99 -3.22 0.00	25.60 -2.96 0.00	28.08 -2.94 0.00	26.34 -2.49 0.11	26.29 -1.91 0.00	26.49 -1.58 0.00	26.53 -1.46 0.00	26.41 -1.54 0.00	8.30 -0.68 18.82	1.20 0.13 31.92	-28.26 0.05 58.30	25.71 -1.67 0.00	28.26 -2.61 0.00	34.73 -3.95 0.00	35.94 -4.73 0.00	37.56 -4.51 0.00	41.28 -4.98 0.00	33.72 -4.37 4.48	34.07 -4.01 0.00	31.59 -3.17 0.00
PACKARD__115KV_DUPONT_184 80571	25.39 -2.85 0.95	26.76 -2.85 0.00	25.15 -2.96 0.00	24.94 -3.24 0.00	24.99 -3.22 0.00	25.60 -2.95 0.00	28.08 -2.94 0.00	26.32 -2.51 0.11	26.28 -1.92 0.00	26.49 -1.58 0.00	26.53 -1.47 0.00	26.41 -1.55 0.00	8.22 -0.76 18.82	1.07 0.00 31.92	-28.35 -0.04 58.30	25.71 -1.67 0.00	28.25 -2.62 0.00	34.72 -3.96 0.00	35.94 -4.72 0.00	37.55 -4.53 0.00	41.28 -4.99 0.00	33.73 -4.36 4.48	34.07 -4.01 0.00	31.59 -3.18 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.72 1.53 0.00	31.11 1.49 0.00	29.53 1.43 0.00	29.57 1.39 0.00	29.55 1.34 0.00	29.90 1.35 0.00	32.41 1.39 0.00	30.46 1.52 0.00	29.72 1.52 0.00	29.70 1.63 0.00	29.75 1.77 0.00	29.79 1.84 0.00	34.36 1.80 -4.76	43.27 2.21 -8.07	46.71 1.98 -14.74	29.38 2.00 0.00	32.85 1.99 0.00	41.08 2.40 0.00	43.02 2.35 0.00	44.38 2.31 0.00	48.58 2.31 0.00	44.81 2.24 0.00	40.15 2.07 0.00	36.54 1.77 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.41 2.22 0.00	31.82 2.21 0.00	30.24 2.14 0.00	30.28 2.09 0.00	30.26 2.05 0.00	30.65 2.10 0.00	33.25 2.23 0.00	31.20 2.25 0.00	30.43 2.23 0.00	30.40 2.34 0.00	30.48 2.49 0.00	30.51 2.56 0.00	35.09 2.54 -4.76	44.14 3.08 -8.07	47.54 2.81 -14.74	30.10 2.71 0.00	33.65 2.78 0.00	42.05 3.36 0.00	43.96 3.29 0.00	45.47 3.39 0.00	49.76 3.49 0.00	45.77 3.20 0.00	41.03 2.94 0.00	37.36 2.60 0.00
PATROON__115KV_TB1 80586	29.89 0.70 0.00	30.32 0.70 0.00	28.80 0.70 0.00	28.88 0.70 0.00	28.89 0.68 0.00	29.22 0.67 0.00	31.70 0.67 0.00	29.55 0.60 0.00	28.76 0.56 0.00	28.64 0.57 0.00	28.49 0.50 0.00	28.48 0.52 0.00	31.66 0.49 -3.37	39.26 0.55 -5.72	41.02 0.56 -10.48	28.15 0.77 0.00	31.73 0.86 0.00	39.63 0.94 0.00	41.76 1.09 0.00	43.05 0.97 0.00	47.33 1.06 0.00	43.58 1.01 0.00	39.04 0.96 0.00	35.64 0.88 0.00
PATRSNVILLE___SOLAR 323815	30.12 0.94 0.00	30.57 0.95 0.00	28.98 0.87 0.00	29.06 0.87 0.00	29.11 0.89 0.00	29.45 0.90 0.00	31.96 0.94 0.00	29.61 0.66 0.00	28.67 0.47 0.00	28.55 0.49 0.00	28.36 0.37 0.00	28.35 0.39 0.00	33.06 0.38 -4.88	41.61 0.54 -8.08	44.03 0.59 -13.46	28.08 0.70 0.00	31.73 0.86 0.00	39.86 1.18 0.00	41.99 1.32 0.00	43.47 1.40 0.00	47.83 1.56 0.00	44.03 1.45 0.00	39.38 1.29 0.00	35.90 1.13 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.83 -2.26 1.09	27.37 -2.25 0.00	25.71 -2.39 0.00	25.55 -2.64 0.00	25.57 -2.64 0.00	26.16 -2.39 0.00	28.62 -2.41 0.00	26.79 -2.03 0.12	26.70 -1.50 0.00	26.86 -1.21 0.00	26.91 -1.08 0.00	26.80 -1.16 0.00	6.07 -0.33 21.40	-2.93 0.38 36.30	-36.02 0.29 66.30	25.99 -1.39 0.00	28.87 -2.00 0.00	35.63 -3.05 0.00	36.97 -3.70 0.00	38.57 -3.50 0.00	42.37 -3.89 0.00	33.85 -3.51 5.21	34.87 -3.21 0.00	32.22 -2.55 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.75 1.56 0.00	31.15 1.54 0.00	29.58 1.47 0.00	29.62 1.43 0.00	29.61 1.40 0.00	29.95 1.40 0.00	32.51 1.48 0.00	30.47 1.52 0.00	29.74 1.54 0.00	29.70 1.63 0.00	29.74 1.75 0.00	29.78 1.82 0.00	34.31 1.81 -4.70	43.16 2.19 -7.97	46.53 1.99 -14.56	29.33 1.94 0.00	32.91 2.04 0.00	41.20 2.51 0.00	43.28 2.61 0.00	44.66 2.59 0.00	48.96 2.70 0.00	45.06 2.49 0.00	40.33 2.24 0.00	36.71 1.94 0.00
PEEKSKILL____ 23653	30.66 1.36 -0.12	30.94 1.32 0.00	29.37 1.27 0.00	29.42 1.23 0.00	29.40 1.19 0.00	29.75 1.20 0.00	32.26 1.24 0.00	30.27 1.31 -0.01	29.50 1.30 0.00	29.46 1.39 0.00	29.49 1.50 0.00	29.52 1.57 0.00	34.17 1.56 -4.82	43.11 1.94 -8.18	46.65 1.74 -14.93	29.10 1.72 0.00	32.60 1.74 0.00	40.81 2.12 0.00	42.84 2.17 0.00	44.22 2.15 0.00	48.46 2.20 0.00	44.61 2.04 0.00	39.95 1.87 0.00	36.38 1.62 0.00

PGE MADISON___WINDPWR 24146	30.52 1.15 -0.19	30.63 1.01 0.00	28.77 0.66 0.00	29.02 0.84 0.00	29.21 1.00 0.00	29.64 1.09 0.00	32.23 1.20 0.00	30.06 1.10 -0.02	29.18 0.98 0.00	29.02 0.95 0.00	29.10 1.11 0.00	29.07 1.12 0.00	65.12 1.17 -36.15	95.40 1.09 -61.31	143.01 1.18 -111.84	28.28 0.89 0.00	32.38 1.51 0.00	40.93 2.25 0.00	43.39 2.72 0.00	45.31 3.24 0.00	49.71 3.44 0.00	47.12 2.89 -1.65	40.56 2.48 0.00	36.96 2.19 0.00
PIERCEFIELD___HYD 23852	28.19 -0.99 0.00	28.69 -0.93 0.00	27.22 -0.88 0.00	27.34 -0.85 0.00	27.43 -0.79 0.00	27.78 -0.77 0.00	30.24 -0.78 0.00	28.08 -0.86 0.00	27.20 -1.00 0.00	26.94 -1.13 0.00	26.81 -1.18 0.00	26.75 -1.21 0.00	26.50 -1.30 0.00	31.31 -1.68 0.00	28.46 -1.52 0.00	26.08 -1.30 0.00	29.58 -1.29 0.00	37.39 -1.30 0.00	39.46 -1.21 0.00	41.05 -1.02 0.00	45.24 -1.03 0.00	41.61 -0.96 0.00	37.17 -0.92 0.00	33.88 -0.88 0.00
PINELAWN_CC_1 323563	39.16 1.99 -7.98	35.77 1.97 -4.18	31.79 1.89 -1.81	34.24 1.85 -4.20	31.78 1.80 -1.77	37.12 1.81 -6.76	32.73 1.71 0.00	30.64 1.70 0.00	29.76 1.56 0.00	30.10 1.63 -0.40	44.16 2.07 -14.10	46.43 2.13 -16.34	43.77 2.03 -13.95	43.33 1.81 -8.53	44.98 1.50 -13.49	29.35 1.64 -0.32	33.09 1.78 -0.45	41.75 2.33 -0.73	49.91 2.71 -6.53	45.52 2.59 -0.86	49.99 2.71 -1.01	53.19 2.72 -7.90	50.02 2.59 -9.35	46.80 2.30 -9.74
PJM_GEN_HTP_PROXY 323702	30.71 1.52 0.00	31.10 1.48 0.00	29.52 1.42 0.00	29.56 1.38 0.00	29.53 1.33 0.00	29.88 1.33 0.00	32.39 1.37 0.00	30.43 1.48 0.00	29.66 1.48 0.02	29.67 1.60 0.00	29.72 1.73 0.00	29.76 1.80 0.00	34.35 1.79 -4.76	43.24 2.18 -8.08	46.69 1.97 -14.74	29.32 1.93 0.00	32.84 1.97 0.00	40.84 2.38 0.22	43.06 2.39 0.00	44.44 2.37 0.00	48.67 2.40 0.00	44.84 2.27 0.00	40.17 2.09 0.00	36.57 1.81 0.00
PJM_GEN_KEystone 24065	28.28 -0.37 0.54	29.26 -0.36 0.00	27.70 -0.41 0.00	27.68 -0.51 0.00	27.65 -0.56 0.00	28.09 -0.46 0.00	30.52 -0.50 0.00	28.57 -0.32 0.06	27.99 -0.18 0.02	28.03 -0.04 0.00	28.04 0.05 0.00	27.98 0.03 0.00	19.16 0.31 8.95	18.53 0.72 15.19	2.88 0.65 27.75	27.46 0.07 0.00	30.71 -0.15 0.22	38.03 -0.43 0.00	39.99 -0.68 0.00	41.48 -0.59 0.00	48.42 -0.78 -2.93	39.05 -0.75 2.77	37.44 -0.64 0.00	34.27 -0.50 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.76 1.75 -5.82	33.16 1.73 -1.82	30.53 1.64 -0.78	31.63 1.62 -1.82	30.54 1.56 -0.77	33.06 1.57 -2.94	32.49 1.47 0.00	30.42 1.47 0.00	29.53 1.36 0.02	29.83 1.42 -0.34	41.78 1.83 -11.96	43.71 1.89 -13.86	42.12 1.78 -12.54	42.55 1.61 -7.95	43.57 1.34 -12.24	28.86 1.48 0.00	32.43 1.57 0.00	40.50 2.03 0.22	47.68 2.32 -4.69	44.31 2.24 0.00	48.59 2.32 0.00	50.68 2.33 -5.78	47.45 2.22 -7.15	45.00 1.99 -8.26
PJM_GEN_VFT_PROXY 323633	30.64 1.46 0.00	31.04 1.42 0.00	29.46 1.36 0.00	29.50 1.32 0.00	29.49 1.28 0.00	29.83 1.28 0.00	32.33 1.31 0.00	30.38 1.43 0.00	29.60 1.43 0.02	29.61 1.54 0.00	29.65 1.66 0.00	29.69 1.74 0.00	34.30 1.74 -4.76	43.21 2.14 -8.07	46.66 1.93 -14.74	29.31 1.92 0.00	32.79 1.93 0.00	40.79 2.32 0.22	42.99 2.33 0.00	44.37 2.30 0.00	48.58 2.31 0.00	44.76 2.19 0.00	40.10 2.02 0.00	36.52 1.75 0.00
PLATSBURG_115KV_PMLD1 355749	29.28 0.09 0.00	29.69 0.07 0.00	28.13 0.03 0.00	28.35 0.17 0.00	28.61 0.39 0.00	28.89 0.34 0.00	31.46 0.43 0.00	29.30 0.35 0.00	28.54 0.34 0.00	28.20 0.13 0.00	27.99 0.01 0.00	27.96 0.00 0.00	27.78 -0.02 0.00	32.88 -0.10 0.00	29.86 -0.12 0.00	27.31 -0.07 0.00	31.01 0.15 0.00	39.10 0.42 0.00	41.28 0.61 0.00	42.76 0.68 0.00	47.12 0.85 0.00	43.41 0.83 0.00	38.74 0.65 0.00	35.29 0.53 0.00
PLEASANTVLY___LBMP 24000	30.41 1.22 0.00	30.81 1.20 0.00	29.27 1.17 0.00	29.32 1.14 0.00	29.31 1.10 0.00	29.64 1.09 0.00	32.14 1.12 0.00	30.11 1.16 0.00	29.37 1.17 0.00	29.31 1.24 0.00	29.31 1.32 0.00	29.33 1.38 0.00	33.57 1.35 -4.43	42.16 1.66 -7.51	45.16 1.46 -13.71	28.87 1.49 0.00	32.40 1.54 0.00	40.56 1.87 0.00	42.63 1.96 0.00	43.98 1.91 0.00	48.24 1.97 0.00	44.43 1.85 0.00	39.77 1.69 0.00	36.23 1.47 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.68 1.49 0.00	31.07 1.45 0.00	29.50 1.39 0.00	29.53 1.35 0.00	29.51 1.30 0.00	29.86 1.31 0.00	32.38 1.35 0.00	30.38 1.43 0.00	29.64 1.43 0.00	29.60 1.53 0.00	29.65 1.66 0.00	29.68 1.72 0.00	34.23 1.71 -4.73	43.08 2.07 -8.02	46.47 1.85 -14.63	29.22 1.84 0.00	32.76 1.90 0.00	40.99 2.30 0.00	43.04 2.37 0.00	44.40 2.33 0.00	48.66 2.39 0.00	44.82 2.25 0.00	40.15 2.06 0.00	36.55 1.79 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.68 1.49 0.00	31.07 1.45 0.00	29.50 1.39 0.00	29.53 1.35 0.00	29.51 1.30 0.00	29.86 1.31 0.00	32.38 1.35 0.00	30.38 1.43 0.00	29.64 1.43 0.00	29.60 1.53 0.00	29.65 1.66 0.00	29.68 1.72 0.00	34.23 1.71 -4.73	43.08 2.07 -8.02	46.47 1.85 -14.63	29.22 1.84 0.00	32.76 1.90 0.00	40.99 2.30 0.00	43.04 2.37 0.00	44.40 2.33 0.00	48.66 2.39 0.00	44.82 2.25 0.00	40.15 2.06 0.00	36.55 1.79 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.66 1.47 0.00	31.06 1.44 0.00	29.49 1.39 0.00	29.55 1.36 0.00	29.53 1.33 0.00	29.87 1.32 0.00	32.41 1.39 0.00	30.34 1.40 0.00	29.60 1.40 0.00	29.52 1.45 0.00	29.53 1.54 0.00	29.56 1.60 0.00	33.97 1.59 -4.59	42.72 1.96 -7.78	45.94 1.75 -14.20	29.12 1.74 0.00	32.72 1.86 0.00	40.96 2.28 0.00	43.06 2.39 0.00	44.45 2.37 0.00	48.75 2.48 0.00	44.88 2.31 0.00	40.17 2.08 0.00	36.57 1.80 0.00
POLETTI___ 23519	30.69 1.50 0.00	31.08 1.46 0.00	29.50 1.40 0.00	29.54 1.35 0.00	29.51 1.30 0.00	29.87 1.32 0.00	32.36 1.34 0.00	30.40 1.46 0.00	29.67 1.48 0.00	29.65 1.58 0.00	29.71 1.72 0.00	29.75 1.79 0.00	34.32 1.77 -4.76	43.20 2.14 -8.07	46.64 1.92 -14.74	29.32 1.93 0.00	32.81 1.95 0.00	41.03 2.34 0.00	43.02 2.36 0.00	44.39 2.32 0.00	48.60 2.33 0.00	44.79 2.22 0.00	40.14 2.05 0.00	36.54 1.77 0.00
POMONA___ESR 323819	30.70 1.40 -0.12	30.99 1.37 0.00	29.41 1.31 0.00	29.46 1.28 0.00	29.44 1.22 0.00	29.79 1.24 0.00	32.31 1.29 0.00	30.31 1.35 -0.01	29.52 1.33 0.00	29.48 1.41 0.00	29.51 1.52 0.00	29.54 1.58 0.00	34.33 1.60 -4.93	43.37 2.02 -8.36	47.07 1.82 -15.26	29.15 1.76 0.00	32.65 1.79 0.00	40.87 2.18 0.00	42.90 2.24 0.00	44.30 2.22 0.00	48.54 2.28 0.00	44.68 2.11 0.00	40.02 1.94 0.00	36.43 1.67 0.00
PORT_JEFF_3 23555	38.59 1.99 -7.41	35.82 2.02 -4.18	31.86 1.95 -1.81	34.33 1.95 -4.20	31.86 1.87 -1.77	37.19 1.88 -6.76	32.76 1.73 0.00	30.75 1.80 0.00	29.82 1.62 0.00	30.00 1.57 -0.36	42.69 1.96 -12.74	44.75 2.03 -14.76	42.76 1.91 -13.05	45.62 1.64 -11.00	48.06 1.30 -16.77	30.66 1.48 -1.78	34.94 1.62 -2.46	44.85 2.16 -4.01	53.71 2.67 -10.37	49.30 2.54 -4.69	54.43 2.67 -5.50	57.46 2.78 -12.11	53.36 2.67 -12.60	45.91 2.36 -8.79

PORT_JEFF_4 23616	38.59 1.99 -7.41	35.82 2.02 -4.18	31.86 1.95 -1.81	34.33 1.95 -4.20	31.86 1.87 -1.77	37.19 1.88 -6.76	32.76 1.73 0.00	30.75 1.80 0.00	29.82 1.62 0.00	30.00 1.57 -0.36	42.69 1.96 -12.74	44.75 2.03 -14.76	42.76 1.91 -13.05	45.62 1.64 -11.00	48.06 1.30 -16.77	30.66 1.48 -1.78	34.94 1.62 -2.46	44.85 2.16 -4.01	53.71 2.67 -10.37	49.30 2.54 -4.69	54.43 2.67 -5.50	57.46 2.78 -12.11	53.36 2.67 -12.60	45.91 2.36 -8.79
PORT_JEFF_IC 23713	38.61 1.99 -7.44	35.83 2.03 -4.18	31.88 1.97 -1.81	34.35 1.96 -4.20	31.87 1.89 -1.77	37.20 1.90 -6.76	32.76 1.74 0.00	30.75 1.81 0.00	29.83 1.63 0.00	30.01 1.58 -0.36	42.75 1.97 -12.79	44.81 2.03 -14.82	42.79 1.91 -13.08	45.07 1.62 -10.46	47.29 1.29 -16.02	30.34 1.49 -1.47	34.52 1.64 -2.02	44.16 2.18 -3.30	52.81 2.70 -9.44	48.51 2.57 -3.86	53.50 2.70 -4.52	56.46 2.81 -11.08	52.54 2.71 -11.75	45.97 2.38 -8.83
PPL_PILGRIM_ST_GT1 24216	38.80 2.10 -7.52	35.89 2.10 -4.18	31.91 2.00 -1.81	34.36 1.98 -4.20	31.89 1.91 -1.77	37.24 1.93 -6.76	32.85 1.83 0.00	30.75 1.80 0.00	29.85 1.66 0.00	30.13 1.69 -0.37	43.13 2.15 -13.00	45.23 2.21 -15.07	43.09 2.08 -13.21	45.59 1.82 -10.78	48.00 1.50 -16.52	30.68 1.64 -1.65	34.93 1.78 -2.28	44.75 2.35 -3.71	53.53 2.79 -10.08	48.98 2.56 -4.34	54.12 2.76 -5.09	57.21 2.84 -11.79	53.18 2.71 -12.39	46.14 2.41 -8.97
PPL_PILGRIM_ST_GT2 24217	38.80 2.10 -7.52	35.89 2.10 -4.18	31.91 2.00 -1.81	34.36 1.98 -4.20	31.89 1.91 -1.77	37.24 1.93 -6.76	32.85 1.83 0.00	30.75 1.80 0.00	29.85 1.66 0.00	30.13 1.69 -0.37	43.13 2.15 -13.00	45.23 2.21 -15.07	43.09 2.08 -13.21	45.59 1.82 -10.78	48.00 1.50 -16.52	30.68 1.64 -1.65	34.93 1.78 -2.28	44.75 2.35 -3.71	53.53 2.79 -10.08	48.98 2.56 -4.34	54.12 2.76 -5.09	57.21 2.84 -11.79	53.18 2.71 -12.39	46.14 2.41 -8.97
PPL_SHRM_GT3 24213	38.57 1.96 -7.42	35.86 2.06 -4.18	31.93 2.03 -1.81	34.46 2.08 -4.20	31.97 1.99 -1.77	37.31 2.00 -6.76	32.72 1.70 0.00	30.91 1.96 0.00	29.95 1.74 0.00	29.86 1.42 -0.36	42.43 1.67 -12.76	44.48 1.73 -14.79	42.53 1.67 -13.06	45.21 1.35 -10.88	47.61 1.02 -16.60	30.34 1.25 -1.71	34.60 1.38 -2.36	44.50 1.97 -3.84	53.56 2.73 -10.16	49.11 2.54 -4.50	54.22 2.68 -5.27	57.40 2.95 -11.88	53.42 2.92 -12.41	46.14 2.56 -8.81
PPL_SHRM_GT4 24214	38.57 1.96 -7.42	35.86 2.06 -4.18	31.93 2.03 -1.81	34.46 2.08 -4.20	31.97 1.99 -1.77	37.31 2.00 -6.76	32.72 1.70 0.00	30.91 1.96 0.00	29.95 1.74 0.00	29.86 1.42 -0.36	42.43 1.67 -12.76	44.48 1.73 -14.79	42.53 1.67 -13.06	45.21 1.35 -10.88	47.61 1.02 -16.60	30.34 1.25 -1.71	34.60 1.38 -2.36	44.50 1.97 -3.84	53.56 2.73 -10.16	49.11 2.54 -4.50	54.22 2.68 -5.27	57.40 2.95 -11.88	53.42 2.92 -12.41	46.14 2.56 -8.81
PROJECT__ORANGE 1 24174	28.68 -0.51 0.00	29.09 -0.53 0.00	27.59 -0.52 0.00	27.64 -0.54 0.00	27.67 -0.54 0.00	28.01 -0.53 0.00	30.45 -0.57 0.00	28.43 -0.52 0.00	27.73 -0.47 0.00	27.68 -0.39 0.00	27.62 -0.37 0.00	27.57 -0.39 0.00	23.29 -0.40 4.11	25.53 -0.50 6.96	16.81 -0.45 12.72	26.87 -0.52 0.00	30.26 -0.60 0.00	37.85 -0.83 0.00	39.74 -0.93 0.00	41.17 -0.91 0.00	45.24 -1.02 0.00	41.56 -1.01 0.00	37.15 -0.93 0.00	33.93 -0.84 0.00
PROJECT__ORANGE 2 24166	28.68 -0.51 0.00	29.09 -0.53 0.00	27.59 -0.52 0.00	27.64 -0.54 0.00	27.67 -0.54 0.00	28.01 -0.53 0.00	30.45 -0.57 0.00	28.43 -0.52 0.00	27.73 -0.47 0.00	27.68 -0.39 0.00	27.62 -0.37 0.00	27.57 -0.39 0.00	23.29 -0.40 4.11	25.53 -0.50 6.96	16.81 -0.45 12.72	26.87 -0.52 0.00	30.26 -0.60 0.00	37.85 -0.83 0.00	39.74 -0.93 0.00	41.17 -0.91 0.00	45.24 -1.02 0.00	41.56 -1.01 0.00	37.15 -0.93 0.00	33.93 -0.84 0.00
PUCKETT__SOLAR 323809	30.31 0.29 -0.83	29.82 0.20 0.00	28.19 0.08 0.00	28.26 0.08 0.00	28.33 0.12 0.00	28.67 0.12 0.00	31.11 0.09 0.00	29.13 0.10 -0.09	28.33 0.13 0.00	28.27 0.20 0.00	28.22 0.23 0.00	28.16 0.20 0.00	130.37 0.30 -102.27	206.94 0.48 -173.47	347.09 0.53 -316.57	27.20 -0.18 0.00	30.75 -0.12 0.00	38.56 -0.13 0.00	40.58 -0.09 0.00	42.21 0.13 0.00	46.36 0.09 0.00	48.03 -0.05 0.00	38.01 -0.07 0.00	34.70 -0.06 0.00
PYRITES__HYD 24023	29.00 -0.18 0.00	29.49 -0.13 0.00	27.97 -0.13 0.00	28.06 -0.12 0.00	28.16 -0.06 0.00	28.57 0.02 0.00	31.09 0.06 0.00	28.72 -0.22 0.00	27.70 -0.50 0.00	27.40 -0.67 0.00	27.25 -0.74 0.00	27.18 -0.77 0.00	26.92 -0.87 0.00	31.81 -1.19 0.00	28.92 -1.07 0.00	26.47 -0.91 0.00	30.04 -0.82 0.00	38.02 -0.67 0.00	40.22 -0.45 0.00	42.03 -0.05 0.00	46.41 0.14 0.00	42.69 0.11 0.00	38.11 0.02 0.00	34.75 -0.02 0.00
QUAKERRD_115KV_BK1 80622	27.64 -1.04 0.50	28.56 -1.06 0.00	26.99 -1.12 0.00	26.94 -1.24 0.00	26.94 -1.28 0.00	27.37 -1.18 0.00	29.83 -1.19 0.00	27.86 -1.03 0.06	27.40 -0.80 0.00	27.41 -0.66 0.00	27.37 -0.62 0.00	27.27 -0.68 0.00	16.48 -0.44 10.88	14.28 -0.26 18.46	-3.98 -0.26 33.71	26.52 -0.87 0.00	29.67 -1.20 0.00	36.90 -1.78 0.00	38.54 -2.12 0.00	40.03 -2.05 0.00	44.09 -2.18 0.00	38.31 -2.05 2.21	36.18 -1.90 0.00	33.13 -1.63 0.00
QUENSBRY_115KV_TB8 356137	30.56 1.38 0.00	31.01 1.39 0.00	29.43 1.33 0.00	29.51 1.33 0.00	29.55 1.34 0.00	29.91 1.37 0.00	32.48 1.46 0.00	30.13 1.18 0.00	29.20 1.00 0.00	28.94 0.87 0.00	28.81 0.83 0.00	28.74 0.79 0.00	31.99 0.70 -3.49	39.83 0.90 -5.94	41.76 0.86 -10.91	28.52 1.13 0.00	32.54 1.67 0.00	40.91 2.23 0.00	43.18 2.52 0.00	44.44 2.37 0.00	48.99 2.72 0.00	45.19 2.62 0.00	40.37 2.28 0.00	36.73 1.97 0.00
RAMAPO__LBMP 323565	30.57 1.27 -0.12	30.86 1.24 0.00	29.29 1.19 0.00	29.34 1.16 0.00	29.32 1.10 0.00	29.67 1.12 0.00	32.18 1.16 0.00	30.19 1.23 -0.01	29.39 1.20 0.00	29.35 1.27 0.00	29.37 1.38 0.00	29.40 1.44 0.00	34.26 1.46 -5.01	43.34 1.85 -8.50	47.16 1.67 -15.51	29.01 1.63 0.00	32.50 1.64 0.00	40.68 2.00 0.00	42.71 2.04 0.00	44.10 2.02 0.00	48.33 2.06 0.00	44.47 1.90 0.00	39.84 1.76 0.00	36.26 1.50 0.00
RANKINE____ 23646	25.88 -2.24 1.07	27.40 -2.22 0.00	25.72 -2.38 0.00	25.55 -2.64 0.00	25.57 -2.64 0.00	26.16 -2.39 0.00	28.62 -2.40 0.00	26.78 -2.04 0.12	26.73 -1.47 0.00	26.90 -1.17 0.00	26.98 -1.01 0.00	26.88 -1.08 0.00	6.60 -0.26 20.94	-2.03 0.51 35.52	-34.47 0.42 64.87	26.09 -1.30 0.00	28.93 -1.94 0.00	35.70 -2.99 0.00	37.02 -3.65 0.00	38.63 -3.45 0.00	42.42 -3.85 0.00	34.03 -3.46 5.08	34.94 -3.15 0.00	32.31 -2.46 0.00
RAVENSWOOD_GT2_1 24244	30.70 1.51 0.00	31.09 1.47 0.00	29.51 1.41 0.00	29.54 1.36 0.00	29.53 1.32 0.00	29.87 1.32 0.00	32.38 1.36 0.00	30.42 1.47 0.00	29.68 1.48 0.00	29.66 1.59 0.00	29.72 1.73 0.00	29.76 1.80 -4.76	34.33 1.78 -8.07	43.21 2.15 -14.74	46.65 1.93 0.00	29.32 1.93 0.00	32.81 1.95 0.00	41.04 2.36 0.00	43.03 2.36 0.00	44.41 2.34 0.00	48.62 2.35 0.00	44.80 2.23 0.00	40.15 2.06 0.00	36.55 1.79 0.00

RAVENSWOOD_GT_9 24257	30.70 1.51 0.00	31.09 1.47 0.00	29.51 1.41 0.00	29.54 1.36 0.00	29.53 1.32 0.00	29.87 1.32 0.00	32.38 1.36 0.00	30.41 1.47 0.00	29.68 1.48 0.00	29.66 1.59 0.00	29.71 1.73 0.00	29.75 1.80 0.00	34.33 1.78 -4.76	43.21 2.15 -8.07	46.65 1.92 -14.74	29.32 1.93 0.00	32.81 1.95 0.00	41.04 2.36 0.00	43.03 2.36 0.00	44.42 2.34 0.00	48.62 2.36 0.00	44.80 2.23 0.00	40.15 2.06 0.00	36.55 1.79 0.00
RAVENSWOOD___1 23533	30.73 1.55 0.00	31.12 1.51 0.00	29.54 1.44 0.00	29.58 1.39 0.00	29.56 1.35 0.00	29.90 1.35 0.00	32.41 1.39 0.00	30.48 1.53 0.00	29.75 1.55 0.00	29.74 1.67 0.00	29.79 1.80 0.00	29.83 1.88 0.00	34.40 1.84 -4.76	43.30 2.23 -8.07	46.71 1.99 -14.74	29.38 2.00 0.00	32.86 2.00 0.00	41.07 2.39 0.00	43.01 2.34 0.00	44.39 2.31 0.00	48.55 2.29 0.00	44.75 2.18 0.00	40.14 2.06 0.00	36.56 1.80 0.00
RAVENSWOOD___2 23534	30.72 1.53 0.00	31.11 1.49 0.00	29.53 1.43 0.00	29.57 1.39 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.48 1.53 0.00	29.74 1.54 0.00	29.72 1.66 0.00	29.77 1.78 0.00	29.81 1.86 0.00	34.38 1.82 -4.76	43.27 2.21 -8.07	46.71 1.98 -14.74	29.37 1.98 0.00	32.86 1.99 0.00	41.05 2.36 0.00	43.01 2.34 0.00	44.38 2.31 0.00	48.54 2.28 0.01	44.74 2.17 0.00	40.13 2.05 0.00	36.55 1.78 0.00
RAVENSWOOD___3 23535	30.70 1.52 0.00	31.10 1.48 0.00	29.52 1.42 0.00	29.55 1.37 0.00	29.53 1.33 0.00	29.88 1.33 0.00	32.39 1.37 0.00	30.43 1.48 0.00	29.68 1.48 0.00	29.67 1.60 0.00	29.72 1.73 0.00	29.76 1.81 0.00	34.35 1.79 -4.76	43.24 2.18 -8.07	46.68 1.96 -14.74	29.32 1.94 0.00	32.83 1.96 0.00	41.05 2.37 0.00	43.06 2.38 0.00	44.43 2.35 0.00	48.64 2.37 0.00	44.81 2.24 0.00	40.16 2.08 0.00	36.57 1.80 0.00
RAVENSWOOD___4 23820	30.72 1.53 0.00	31.11 1.49 0.00	29.53 1.43 0.00	29.57 1.39 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.48 1.53 0.00	29.74 1.54 0.00	29.72 1.66 0.00	29.77 1.78 0.00	29.81 1.86 0.00	34.38 1.82 -4.76	43.27 2.21 -8.07	46.71 1.98 -14.74	29.37 1.98 0.00	32.86 1.99 0.00	41.05 2.36 0.00	43.01 2.34 0.00	44.38 2.31 0.00	48.54 2.28 0.01	44.74 2.17 0.00	40.13 2.05 0.00	36.55 1.78 0.00
RCPI_TRUST___DRP 24196	30.71 1.52 0.00	31.11 1.49 0.00	29.53 1.43 0.00	29.56 1.38 0.00	29.54 1.33 0.00	29.90 1.34 0.00	32.40 1.38 0.00	30.43 1.49 0.00	29.69 1.49 0.00	29.67 1.61 0.00	29.73 1.74 0.00	29.76 1.81 0.00	34.35 1.79 -4.76	43.24 2.18 -8.08	46.67 1.95 -14.74	29.33 1.94 0.00	32.84 1.97 0.00	41.06 2.38 0.00	43.07 2.40 0.00	44.46 2.38 0.00	48.67 2.41 0.00	44.85 2.28 0.00	40.18 2.09 0.00	36.58 1.82 0.00
RED___ROCHESTER 323720	27.99 -0.64 0.56	28.96 -0.65 0.00	27.34 -0.76 0.00	27.27 -0.91 0.00	27.28 -0.93 0.00	27.78 -0.77 0.00	30.32 -0.70 0.00	28.36 -0.52 0.06	27.98 -0.22 0.00	28.04 -0.03 0.00	28.03 0.04 0.00	27.95 -0.01 0.00	16.17 0.27 11.90	13.44 0.64 20.19	-6.33 0.56 36.88	27.18 -0.20 0.00	30.38 -0.48 0.00	37.76 -0.93 0.00	39.40 -1.27 0.00	40.97 -1.10 0.00	45.07 -1.20 0.00	38.95 -1.11 2.51	36.97 -1.12 0.00	33.88 -0.88 0.00
REGAN___SOLAR 323812	30.51 1.33 0.00	30.97 1.35 0.00	29.31 1.21 0.00	29.39 1.20 0.00	29.47 1.26 0.00	29.85 1.30 0.00	32.38 1.36 0.00	29.68 0.73 0.00	28.56 0.36 0.00	28.39 0.32 0.00	27.94 -0.05 0.00	28.00 0.05 0.00	34.45 -0.02 -6.67	44.12 0.05 -11.08	48.97 0.29 -18.69	28.17 0.79 0.00	31.97 1.11 0.00	40.41 1.72 0.00	42.57 1.90 0.00	44.30 2.22 0.00	48.75 2.49 0.00	44.82 2.25 0.00	40.04 1.96 0.00	36.46 1.70 0.00
RENSSELAER___COGEN 23796	29.76 0.58 0.00	30.19 0.57 0.00	28.68 0.57 0.00	28.76 0.57 0.00	28.77 0.56 0.00	29.08 0.53 0.00	31.55 0.53 0.00	29.43 0.48 0.00	28.63 0.43 0.00	28.51 0.44 0.00	28.37 0.38 0.00	28.36 0.41 0.00	31.55 0.39 -3.36	39.13 0.44 -5.70	40.85 0.43 -10.44	27.99 0.61 0.00	31.55 0.68 0.00	39.41 0.73 0.00	41.53 0.86 0.00	42.80 0.73 0.00	47.07 0.81 0.00	43.36 0.79 0.00	38.84 0.76 0.00	35.46 0.70 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.79 2.61 0.00	32.16 2.54 0.00	30.53 2.43 0.00	30.53 2.34 0.00	30.61 2.40 0.00	31.01 2.45 0.00	33.75 2.73 0.00	31.05 2.11 0.00	29.99 1.79 0.00	29.46 1.39 0.00	29.30 1.31 0.00	29.14 1.19 0.00	32.30 1.01 -3.49	40.51 1.59 -5.93	42.19 1.31 -10.89	29.01 1.62 0.00	33.66 2.80 0.00	42.46 3.78 0.00	45.02 4.35 0.00	46.15 4.08 0.00	50.97 4.71 0.00	47.34 4.76 0.00	42.19 4.10 0.00	38.28 3.52 0.00
REVERE_CPPR_DRP 24186	29.66 0.48 0.00	30.15 0.54 0.00	28.57 0.47 0.00	28.67 0.49 0.00	28.69 0.48 0.00	29.09 0.54 0.00	31.57 0.55 0.00	29.31 0.36 0.00	28.43 0.23 0.00	28.29 0.22 0.00	28.22 0.23 0.00	28.15 0.19 0.00	28.06 0.26 0.00	33.30 0.31 0.00	30.31 0.32 0.00	27.69 0.30 0.00	31.49 0.62 0.00	39.75 1.06 0.00	41.89 1.22 0.00	43.37 1.30 0.00	47.67 1.40 0.00	43.78 1.20 0.00	39.05 0.97 0.00	35.57 0.81 0.00
REYNLDPA_13_KV_LD 356490	29.33 0.14 0.00	29.78 0.17 0.00	28.28 0.17 0.00	28.35 0.16 0.00	28.41 0.20 0.00	28.78 0.24 0.00	31.36 0.34 0.00	29.25 0.31 0.00	28.47 0.27 0.00	28.23 0.16 0.00	28.12 0.12 0.00	28.05 0.09 0.00	27.82 0.02 0.00	32.90 -0.09 0.00	29.90 -0.09 0.00	27.31 -0.08 0.00	30.85 -0.02 0.00	38.85 0.16 0.00	40.86 0.18 0.00	42.37 0.30 0.00	46.62 0.36 0.00	42.87 0.29 0.00	38.35 0.26 0.00	35.01 0.24 0.00
REYNOLDS_115KV_TB3 80639	30.00 0.81 0.00	30.43 0.81 0.00	28.90 0.80 0.00	28.98 0.80 0.00	29.00 0.79 0.00	29.32 0.77 0.00	31.81 0.79 0.00	29.65 0.70 0.00	28.87 0.67 0.00	28.72 0.65 0.00	28.57 0.59 0.00	28.57 0.62 0.00	31.76 0.59 -3.37	39.40 0.68 -5.72	41.11 0.64 -10.48	28.18 0.79 0.00	31.77 0.90 0.00	39.70 1.02 0.00	41.85 1.18 0.00	43.12 1.05 0.00	47.46 1.19 0.00	43.72 1.15 0.00	39.16 1.07 0.00	35.75 0.99 0.00
RIVERBAY___ 323610	31.41 2.22 0.00	31.82 2.21 0.00	30.24 2.14 0.00	30.28 2.09 0.00	30.26 2.05 0.00	30.65 2.10 0.00	33.25 2.23 0.00	31.20 2.25 0.00	30.43 2.23 0.00	30.40 2.34 0.00	30.48 2.49 0.00	30.51 2.56 0.00	35.09 2.54 -4.76	44.14 3.08 -8.07	47.54 2.81 -14.74	30.10 2.71 0.00	33.65 2.78 0.00	42.05 3.36 0.00	43.96 3.29 0.00	45.47 3.39 0.00	49.76 3.49 0.00	45.77 3.20 0.00	41.03 2.94 0.00	37.36 2.60 0.00
RIVERSDE_115KV_TB3 55908	29.89 0.71 0.00	30.32 0.70 0.00	28.80 0.70 0.00	28.88 0.70 0.00	28.89 0.68 0.00	29.21 0.66 0.00	31.69 0.67 0.00	29.54 0.59 0.00	28.75 0.56 0.00	28.62 0.55 0.00	28.48 0.49 0.00	28.47 0.52 0.00	31.66 0.49 -3.37	39.27 0.56 -5.73	41.01 0.54 -10.49	28.10 0.72 0.00	31.67 0.81 0.00	39.57 0.89 0.00	41.70 1.04 0.00	42.98 0.91 0.00	47.29 1.02 0.00	43.55 0.98 0.00	39.01 0.93 0.00	35.62 0.85 0.00

ROARING___BROOK_WT_PWR 323790	28.93 -0.25 0.00	29.39 -0.22 0.00	27.88 -0.22 0.00	27.98 -0.21 0.00	28.02 -0.19 0.00	28.35 -0.20 0.00	30.73 -0.29 0.00	28.69 -0.25 0.00	27.99 -0.21 0.00	27.88 -0.19 0.00	27.84 -0.15 0.00	27.85 -0.11 0.00	27.70 -0.09 0.00	32.86 -0.13 0.00	29.90 -0.09 0.00	27.31 -0.08 0.00	30.81 -0.05 0.00	38.64 -0.04 0.00	40.63 -0.04 0.00	42.07 0.00 0.00	46.27 0.00 0.00	42.57 0.00 0.00	38.08 0.00 0.00	34.76 -0.01 0.00
ROCHESRG_115KV_T4 355643	27.67 -0.97 0.55	28.64 -0.98 0.00	27.04 -1.06 0.00	26.98 -1.21 0.00	27.00 -1.21 0.00	27.47 -1.08 0.00	29.98 -1.04 0.00	28.04 -0.84 0.06	27.64 -0.56 0.00	27.69 -0.38 0.00	27.67 -0.32 0.00	27.58 -0.37 0.00	16.07 -0.06 11.66	13.47 0.27 19.79	-5.94 0.22 36.14	26.82 -0.56 0.00	29.98 -0.89 0.00	37.25 -1.43 0.00	38.88 -1.79 0.00	40.42 -1.66 0.00	44.47 -1.80 0.00	38.46 -1.67 2.45	36.51 -1.58 0.00	33.48 -1.29 0.00
ROCHESTER_9_IC 23652	27.86 -0.76 0.56	28.83 -0.78 0.00	27.22 -0.89 0.00	27.15 -1.04 0.00	27.17 -1.04 0.00	27.66 -0.89 0.00	30.19 -0.83 0.00	28.24 -0.64 0.06	27.85 -0.35 0.00	27.91 -0.16 0.00	27.89 -0.10 0.00	27.81 -0.15 0.00	16.05 0.17 11.92	13.32 0.55 20.22	-6.47 0.46 36.92	27.04 -0.34 0.00	30.22 -0.64 0.00	37.55 -1.13 0.00	39.19 -1.48 0.00	40.75 -1.33 0.00	44.84 -1.43 0.00	38.72 -1.34 2.52	36.78 -1.31 0.00	33.71 -1.05 0.00
ROCKVIEW_13_KV_LD 356306	30.74 1.56 0.00	31.13 1.51 0.00	29.56 1.45 0.00	29.59 1.41 0.00	29.57 1.36 0.00	29.92 1.37 0.00	32.44 1.42 0.00	30.45 1.50 0.00	29.71 1.51 0.00	29.69 1.62 0.00	29.74 1.75 0.00	29.77 1.82 0.00	34.36 1.80 -4.76	43.25 2.18 -8.07	46.67 1.95 -14.74	29.32 1.94 0.00	32.86 1.99 0.00	41.11 2.43 0.00	43.16 2.49 0.00	44.54 2.46 0.00	48.80 2.53 0.00	44.94 2.37 0.00	40.24 2.16 0.00	36.64 1.87 0.00
ROME___115KV_TB2 80656	29.66 0.48 0.00	30.15 0.54 0.00	28.57 0.47 0.00	28.67 0.49 0.00	28.69 0.48 0.00	29.09 0.54 0.00	31.57 0.55 0.00	29.31 0.36 0.00	28.43 0.23 0.00	28.29 0.22 0.00	28.22 0.23 0.00	28.15 0.19 0.00	28.06 0.26 0.00	33.30 0.31 0.00	30.31 0.32 0.00	27.69 0.30 0.00	31.49 0.62 0.00	39.75 1.06 0.00	41.89 1.22 0.00	43.37 1.30 0.00	47.67 1.40 0.00	43.78 1.20 0.00	39.05 0.97 0.00	35.57 0.81 0.00
ROSETON___1 23587	30.41 1.22 0.00	30.81 1.19 0.00	29.26 1.16 0.00	29.31 1.13 0.00	29.30 1.09 0.00	29.63 1.08 0.00	32.14 1.12 0.00	30.11 1.16 0.00	29.35 1.16 0.00	29.30 1.23 0.00	29.30 1.31 0.00	29.32 1.36 0.00	33.87 1.36 -4.72	42.69 1.69 -8.00	46.11 1.51 -14.61	28.89 1.50 0.00	32.41 1.54 0.00	40.57 1.88 0.00	42.63 1.96 0.00	43.99 1.91 0.00	48.24 1.97 0.00	44.43 1.86 0.00	39.77 1.69 0.00	36.23 1.47 0.00
ROSETON___2 23588	30.41 1.22 0.00	30.81 1.19 0.00	29.26 1.16 0.00	29.31 1.13 0.00	29.30 1.09 0.00	29.63 1.08 0.00	32.14 1.12 0.00	30.11 1.16 0.00	29.35 1.16 0.00	29.30 1.23 0.00	29.30 1.31 0.00	29.32 1.36 0.00	33.87 1.36 -4.72	42.69 1.69 -8.00	46.11 1.51 -14.61	28.89 1.50 0.00	32.41 1.54 0.00	40.57 1.88 0.00	42.63 1.96 0.00	43.99 1.91 0.00	48.24 1.97 0.00	44.43 1.86 0.00	39.77 1.69 0.00	36.23 1.47 0.00
ROTTRDAM_115KV_TB3 80664	29.95 0.76 0.00	30.39 0.77 0.00	28.84 0.73 0.00	28.93 0.74 0.00	28.94 0.73 0.00	29.28 0.72 0.00	31.79 0.76 0.00	29.60 0.66 0.00	28.78 0.58 0.00	28.65 0.58 0.00	28.53 0.54 0.00	28.50 0.55 0.00	31.93 0.53 -3.60	39.78 0.67 -6.12	41.87 0.63 -11.26	28.10 0.71 0.00	31.71 0.84 0.00	39.75 1.06 0.00	41.84 1.17 0.00	43.23 1.15 0.00	47.55 1.28 0.00	43.79 1.22 0.00	39.19 1.10 0.00	35.74 0.97 0.00
RUSSELL___1 23602	27.99 -0.63 0.56	28.97 -0.65 0.00	27.34 -0.77 0.00	27.27 -0.91 0.00	27.28 -0.93 0.00	27.77 -0.78 0.00	30.32 -0.70 0.00	28.36 -0.52 0.06	27.98 -0.22 0.00	28.04 -0.03 0.00	28.03 0.04 0.00	27.95 -0.01 0.00	16.20 0.31 11.90	13.51 0.71 20.19	-6.29 0.61 36.88	27.18 -0.20 0.00	30.39 -0.48 0.00	37.76 -0.92 0.00	39.40 -1.27 0.00	40.97 -1.10 0.00	45.08 -1.19 0.00	38.94 -1.12 2.51	36.97 -1.12 0.00	33.88 -0.88 0.00
RUSSELL___2 23532	27.99 -0.63 0.56	28.97 -0.65 0.00	27.34 -0.77 0.00	27.27 -0.91 0.00	27.28 -0.93 0.00	27.77 -0.78 0.00	30.32 -0.70 0.00	28.36 -0.52 0.06	27.98 -0.22 0.00	28.04 -0.03 0.00	28.03 0.04 0.00	27.95 -0.01 0.00	16.20 0.31 11.90	13.51 0.71 20.19	-6.29 0.61 36.88	27.18 -0.20 0.00	30.39 -0.48 0.00	37.76 -0.92 0.00	39.40 -1.27 0.00	40.97 -1.10 0.00	45.08 -1.19 0.00	38.94 -1.12 2.51	36.97 -1.12 0.00	33.88 -0.88 0.00
RUSSELL___3 23549	27.99 -0.63 0.56	28.97 -0.65 0.00	27.34 -0.77 0.00	27.27 -0.91 0.00	27.28 -0.93 0.00	27.77 -0.78 0.00	30.32 -0.70 0.00	28.36 -0.52 0.06	27.98 -0.22 0.00	28.04 -0.03 0.00	28.03 0.04 0.00	27.95 -0.01 0.00	16.20 0.31 11.90	13.51 0.71 20.19	-6.29 0.61 36.88	27.18 -0.20 0.00	30.39 -0.48 0.00	37.76 -0.92 0.00	39.40 -1.27 0.00	40.97 -1.10 0.00	45.08 -1.19 0.00	38.94 -1.12 2.51	36.97 -1.12 0.00	33.88 -0.88 0.00
RUSSELL___4 23556	27.99 -0.63 0.56	28.97 -0.65 0.00	27.34 -0.77 0.00	27.27 -0.91 0.00	27.28 -0.93 0.00	27.77 -0.78 0.00	30.32 -0.70 0.00	28.36 -0.52 0.06	27.98 -0.22 0.00	28.04 -0.03 0.00	28.03 0.04 0.00	27.95 -0.01 0.00	16.20 0.31 11.90	13.51 0.71 20.19	-6.29 0.61 36.88	27.18 -0.20 0.00	30.39 -0.48 0.00	37.76 -0.92 0.00	39.40 -1.27 0.00	40.97 -1.10 0.00	45.08 -1.19 0.00	38.94 -1.12 2.51	36.97 -1.12 0.00	33.88 -0.88 0.00
RUSSELL___STATION 23914	27.99 -0.63 0.56	28.97 -0.65 0.00	27.34 -0.77 0.00	27.27 -0.91 0.00	27.28 -0.93 0.00	27.77 -0.78 0.00	30.32 -0.70 0.00	28.36 -0.52 0.06	27.98 -0.22 0.00	28.04 -0.03 0.00	28.03 0.04 0.00	27.95 -0.01 0.00	16.20 0.31 11.90	13.51 0.71 20.19	-6.29 0.61 36.88	27.18 -0.20 0.00	30.39 -0.48 0.00	37.76 -0.92 0.00	39.40 -1.27 0.00	40.97 -1.10 0.00	45.08 -1.19 0.00	38.94 -1.12 2.51	36.97 -1.12 0.00	33.88 -0.88 0.00
S SALMON___HYD 24043	27.45 -1.74 0.00	28.19 -1.43 0.00	26.69 -1.42 0.00	26.92 -1.27 0.00	26.95 -1.26 0.00	27.24 -1.31 0.00	29.42 -1.61 0.00	27.07 -1.87 0.00	26.00 -2.20 0.00	26.01 -2.06 0.00	26.04 -1.95 0.00	26.05 -1.91 0.00	26.00 -1.80 0.00	30.86 -2.13 0.00	28.15 -1.84 0.00	25.61 -1.78 0.00	29.18 -1.69 0.00	37.08 -1.61 0.00	39.19 -1.48 0.00	40.75 -1.32 0.00	44.88 -1.38 0.00	41.36 -1.21 0.00	37.00 -1.08 0.00	33.67 -1.09 0.00
S.PERRY_115KV_TB1 80734	27.42 -0.60 1.17	28.93 -0.69 0.00	27.33 -0.77 0.00	27.19 -1.00 0.00	27.14 -1.06 0.00	27.78 -0.77 0.00	30.29 -0.73 0.00	28.24 -0.57 0.13	28.12 -0.08 0.00	28.08 0.01 0.00	28.01 0.02 0.00	27.78 -0.17 0.00	5.57 0.40 22.63	-4.29 1.12 38.39	-38.95 1.18 70.11	27.29 -0.10 0.00	30.66 -0.21 0.00	38.14 -0.55 0.00	39.71 -0.95 0.00	41.56 -0.52 0.00	45.67 -0.59 0.00	36.30 -0.72 5.56	37.35 -0.74 0.00	34.25 -0.51 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.80 -2.38 1.01	27.25 -2.37 0.00	25.58 -2.52 0.00	25.40 -2.79 0.00	25.43 -2.78 0.00	26.02 -2.53 0.00	28.51 -2.51 0.00	26.71 -2.12 0.11	26.64 -1.56 0.00	26.84 -1.24 0.00	26.89 -1.10 0.00	26.78 -1.17 0.00	7.53 -0.38 19.89	-0.37 0.37 33.73	-31.33 0.29 61.61	25.98 -1.41 0.00	28.75 -2.12 0.00	35.42 -3.26 0.00	36.71 -3.96 0.00	38.32 -3.75 0.00	42.12 -4.15 0.00	34.10 -3.69 4.78	34.71 -3.37 0.00	32.12 -2.64 0.00
SAWYER__23_KV_LOAD 55526	25.80 -2.38 1.01	27.25 -2.37 0.00	25.58 -2.52 0.00	25.40 -2.79 0.00	25.43 -2.78 0.00	26.02 -2.53 0.00	28.51 -2.51 0.00	26.71 -2.12 0.11	26.64 -1.56 0.00	26.84 -1.24 0.00	26.89 -1.10 0.00	26.78 -1.17 0.00	7.53 -0.38 19.89	-0.37 0.37 33.73	-31.33 0.29 61.61	25.98 -1.41 0.00	28.75 -2.12 0.00	35.42 -3.26 0.00	36.71 -3.96 0.00	38.32 -3.75 0.00	42.12 -4.15 0.00	34.10 -3.69 4.78	34.71 -3.37 0.00	32.12 -2.64 0.00
SELKIRK__I 23801	29.98 0.79 0.00	30.41 0.79 0.00	28.89 0.78 0.00	28.98 0.80 0.00	28.99 0.78 0.00	29.30 0.75 0.00	31.78 0.76 0.00	29.56 0.62 0.00	28.75 0.54 0.00	28.64 0.56 0.00	28.47 0.48 0.00	28.47 0.51 0.00	31.68 0.46 -3.43	39.35 0.54 -5.82	41.22 0.58 -10.65	28.13 0.74 0.00	31.71 0.85 0.00	39.69 1.01 0.00	41.80 1.13 0.00	43.12 1.04 0.00	47.41 1.14 0.00	43.68 1.11 0.00	39.12 1.03 0.00	35.70 0.93 0.00
SELKIRK__II 23799	29.83 0.65 0.00	30.26 0.64 0.00	28.74 0.64 0.00	28.83 0.65 0.00	28.84 0.63 0.00	29.15 0.60 0.00	31.64 0.62 0.00	29.51 0.56 0.00	28.72 0.52 0.00	28.60 0.53 0.00	28.49 0.50 0.00	28.47 0.52 0.00	31.63 0.50 -3.33	39.24 0.60 -5.65	40.89 0.57 -10.34	28.07 0.68 0.00	31.62 0.76 0.00	39.54 0.86 0.00	41.63 0.97 0.00	42.93 0.86 0.00	47.20 0.94 0.00	43.49 0.92 0.00	38.95 0.86 0.00	35.55 0.78 0.00
SENECA OSWGO__HYD 24041	28.18 -1.01 0.00	28.59 -1.03 0.00	27.12 -0.98 0.00	27.19 -0.99 0.00	27.19 -1.02 0.00	27.55 -1.01 0.00	29.93 -1.09 0.00	27.92 -1.02 0.00	27.21 -0.99 0.00	27.15 -0.92 0.00	27.09 -0.90 0.00	27.04 -0.91 0.00	23.06 -0.92 3.81	25.39 -1.12 6.47	17.15 -1.01 11.82	26.38 -1.00 0.00	29.73 -1.14 0.00	37.22 -1.47 0.00	39.09 -1.58 0.00	40.49 -1.58 0.00	44.50 -1.77 0.00	40.90 -1.68 0.00	36.56 -1.52 0.00	33.39 -1.38 0.00
SENECA__115KV_TB3 355854	25.91 -2.21 1.07	27.45 -2.17 0.00	25.79 -2.31 0.00	25.58 -2.60 0.00	25.61 -2.60 0.00	26.20 -2.35 0.00	28.67 -2.36 0.00	26.81 -2.01 0.12	26.76 -1.44 0.00	26.95 -1.12 0.00	27.01 -0.97 0.00	26.91 -1.04 0.00	6.55 -0.31 20.94	-2.12 0.41 35.52	-34.53 0.35 64.87	26.12 -1.26 0.00	28.97 -1.90 0.00	35.75 -2.94 0.00	37.08 -3.59 0.00	38.68 -3.39 0.00	42.48 -3.79 0.00	34.10 -3.40 5.08	34.99 -3.10 0.00	32.36 -2.41 0.00
SENECA__ENERGY 23797	28.18 -0.57 0.43	29.02 -0.60 0.00	27.47 -0.63 0.00	27.47 -0.71 0.00	27.47 -0.74 0.00	27.91 -0.64 0.00	30.34 -0.68 0.00	28.33 -0.56 0.05	27.82 -0.38 0.00	27.81 -0.27 0.00	27.76 -0.23 0.00	27.63 -0.32 0.00	17.77 -0.23 9.80	16.26 -0.11 16.62	-0.42 -0.05 30.35	27.00 -0.39 0.00	30.31 -0.55 0.00	37.82 -0.87 0.00	39.63 -1.03 0.00	41.16 -0.92 0.00	45.21 -1.06 0.00	39.71 -1.10 1.76	37.06 -1.02 0.00	33.88 -0.89 0.00
SHOEMAKER__GT 23640	30.58 1.27 -0.13	30.85 1.24 0.00	29.28 1.18 0.00	29.34 1.16 0.00	29.34 1.12 0.00	29.67 1.12 0.00	32.19 1.17 0.00	30.16 1.20 -0.01	29.39 1.19 0.00	29.34 1.27 0.00	29.33 1.35 0.00	29.34 1.39 0.00	34.54 1.41 -5.34	43.83 1.79 -9.05	48.12 1.61 -16.52	28.98 1.59 0.00	32.51 1.64 0.00	40.71 2.03 0.00	42.76 2.09 0.00	44.16 2.08 0.00	48.43 2.16 0.00	44.57 1.99 0.00	39.91 1.82 0.00	36.35 1.58 0.00
SHOEMAKR_138KV_BK 111 55601	30.56 1.25 -0.13	30.83 1.22 0.00	29.27 1.17 0.00	29.32 1.15 0.00	29.32 1.10 0.00	29.66 1.11 0.00	32.17 1.15 0.00	30.15 1.19 -0.02	29.37 1.17 0.00	29.32 1.25 0.00	29.32 1.34 0.00	29.34 1.38 0.00	34.58 1.40 -5.38	43.89 1.77 -9.12	48.24 1.60 -16.65	28.96 1.58 0.00	32.50 1.63 0.00	40.69 2.01 0.00	42.73 2.06 0.00	44.13 2.06 0.00	48.39 2.12 0.00	44.54 1.97 0.00	39.88 1.80 0.00	36.31 1.55 0.00
SHOREHAM_IC_1 23715	38.57 1.96 -7.42	35.86 2.06 -4.18	31.93 2.03 -1.81	34.46 2.08 -4.20	31.97 1.99 -1.77	37.31 2.00 -6.76	32.72 1.70 0.00	30.91 1.96 0.00	29.95 1.74 0.00	29.86 1.42 -0.36	42.43 1.67 -12.76	44.48 1.73 -14.79	42.53 1.67 -13.06	45.21 1.35 -10.88	47.61 1.02 -16.60	30.34 1.25 -1.71	34.60 1.38 -2.36	44.50 1.97 -3.84	53.56 2.73 -10.16	49.11 2.54 -4.50	54.22 2.68 -5.27	57.40 2.95 -11.88	53.42 2.92 -12.41	46.14 2.56 -8.81
SHOREHAM_IC_2 23716	38.57 1.96 -7.42	35.86 2.06 -4.18	31.93 2.03 -1.81	34.46 2.08 -4.20	31.97 1.99 -1.77	37.31 2.00 -6.76	32.72 1.70 0.00	30.91 1.96 0.00	29.95 1.74 0.00	29.86 1.42 -0.36	42.43 1.67 -12.76	44.48 1.73 -14.79	42.53 1.67 -13.06	45.21 1.35 -10.88	47.61 1.02 -16.60	30.34 1.25 -1.71	34.60 1.38 -2.36	44.50 1.97 -3.84	53.56 2.73 -10.16	49.11 2.54 -4.50	54.22 2.68 -5.27	57.40 2.95 -11.88	53.42 2.92 -12.41	46.14 2.56 -8.81
SISSONVILLE__ 23735	28.19 -0.99 0.00	28.69 -0.93 0.00	27.22 -0.88 0.00	27.34 -0.85 0.00	27.43 -0.79 0.00	27.78 -0.77 0.00	30.24 -0.78 0.00	28.08 -0.86 0.00	27.20 -1.00 0.00	26.94 -1.13 0.00	26.81 -1.18 0.00	26.75 -1.21 0.00	26.50 -1.30 0.00	31.31 -1.68 0.00	28.46 -1.52 0.00	26.08 -1.30 0.00	29.58 -1.29 0.00	37.39 -1.30 0.00	39.46 -1.21 0.00	41.05 -1.02 0.00	45.24 -1.03 0.00	41.61 -0.96 0.00	37.17 -0.92 0.00	33.88 -0.88 0.00
SITHE_IND_GS1 24169	28.15 -1.04 0.00	28.56 -1.06 0.00	27.10 -1.00 0.00	27.17 -1.01 0.00	27.17 -1.04 0.00	27.52 -1.03 0.00	29.90 -1.12 0.00	27.89 -1.05 0.00	27.17 -1.03 0.00	27.09 -0.98 0.00	27.02 -0.97 0.00	26.98 -0.98 0.00	26.83 -0.97 0.00	31.84 -1.15 0.00	28.93 -1.05 0.00	26.35 -1.04 0.00	29.67 -1.20 0.00	37.12 -1.57 0.00	38.98 -1.69 0.00	40.37 -1.71 0.00	44.36 -1.90 0.00	40.78 -1.79 0.00	36.48 -1.61 0.00	33.32 -1.44 0.00
SITHE_IND_GS2 24170	28.15 -1.04 0.00	28.56 -1.06 0.00	27.10 -1.00 0.00	27.17 -1.01 0.00	27.17 -1.04 0.00	27.52 -1.03 0.00	29.90 -1.12 0.00	27.89 -1.05 0.00	27.17 -1.03 0.00	27.09 -0.98 0.00	27.02 -0.97 0.00	26.98 -0.98 0.00	26.83 -0.97 0.00	31.84 -1.15 0.00	28.93 -1.05 0.00	26.35 -1.04 0.00	29.67 -1.20 0.00	37.12 -1.57 0.00	38.98 -1.69 0.00	40.37 -1.71 0.00	44.36 -1.90 0.00	40.78 -1.79 0.00	36.48 -1.61 0.00	33.32 -1.44 0.00
SITHE_IND_GS3 24171	28.15 -1.04 0.00	28.56 -1.06 0.00	27.10 -1.00 0.00	27.17 -1.01 0.00	27.17 -1.04 0.00	27.52 -1.03 0.00	29.90 -1.12 0.00	27.89 -1.05 0.00	27.17 -1.03 0.00	27.09 -0.98 0.00	27.02 -0.97 0.00	26.98 -0.98 0.00	26.83 -0.97 0.00	31.84 -1.15 0.00	28.93 -1.05 0.00	26.35 -1.04 0.00	29.67 -1.20 0.00	37.12 -1.57 0.00	38.98 -1.69 0.00	40.37 -1.71 0.00	44.36 -1.90 0.00	40.78 -1.79 0.00	36.48 -1.61 0.00	33.32 -1.44 0.00

SITHE_IND_GS4 24172	28.15 -1.04 0.00	28.56 -1.06 0.00	27.10 -1.00 0.00	27.17 -1.01 0.00	27.17 -1.04 0.00	27.52 -1.03 0.00	29.90 -1.12 0.00	27.89 -1.05 0.00	27.17 -1.03 0.00	27.09 -0.98 0.00	27.02 -0.97 0.00	26.98 -0.98 0.00	26.83 -0.97 0.00	31.84 -1.15 0.00	28.93 -1.05 0.00	26.35 -1.04 0.00	29.67 -1.20 0.00	37.12 -1.57 0.00	38.98 -1.69 0.00	40.37 -1.71 0.00	44.36 -1.90 0.00	40.78 -1.79 0.00	36.48 -1.61 0.00	33.32 -1.44 0.00
SITHE__BATAVIA 24024	27.13 -1.27 0.78	28.35 -1.27 0.00	26.68 -1.42 0.00	26.51 -1.68 0.00	26.55 -1.66 0.00	27.14 -1.41 0.00	29.75 -1.27 0.00	27.87 -0.98 0.09	27.73 -0.47 0.00	27.89 -0.18 0.00	27.91 -0.08 0.00	27.80 -0.15 0.00	12.35 0.42 15.87	7.17 1.09 26.91	-18.25 0.92 49.15	26.89 -0.50 0.00	29.83 -1.04 0.00	36.81 -1.87 0.00	38.26 -2.41 0.00	39.94 -2.14 0.00	43.93 -2.34 0.00	36.87 -2.06 3.64	36.07 -2.01 0.00	33.23 -1.53 0.00
SITHE__INDEPEND 23800	28.15 -1.03 0.00	28.56 -1.06 0.00	27.10 -1.00 0.00	27.17 -1.02 0.00	27.17 -1.04 0.00	27.52 -1.03 0.00	29.90 -1.12 0.00	27.89 -1.05 0.00	27.17 -1.03 0.00	27.09 -0.98 0.00	27.02 -0.97 0.00	26.98 -0.98 0.00	26.83 -0.97 0.00	31.84 -1.15 0.00	28.95 -1.04 0.00	26.35 -1.04 0.00	29.67 -1.19 0.00	37.12 -1.56 0.00	38.98 -1.69 0.00	40.37 -1.71 0.00	44.37 -1.90 0.00	40.78 -1.79 0.00	36.48 -1.61 0.00	33.32 -1.44 0.00
SITHE__MASSENA 23902	29.18 0.00 0.00	29.65 0.04 0.00	28.14 0.04 0.00	28.22 0.04 0.00	28.29 0.08 0.00	28.67 0.11 0.00	31.22 0.20 0.00	29.10 0.15 0.00	28.29 0.09 0.00	28.04 -0.03 0.00	27.93 -0.06 0.00	27.86 -0.09 0.00	27.63 -0.17 0.00	32.67 -0.32 0.00	29.69 -0.30 0.00	27.13 -0.26 0.00	30.65 -0.21 0.00	38.63 -0.05 0.00	40.67 0.00 0.00	42.20 0.13 0.00	46.47 0.20 0.00	42.73 0.16 0.00	38.20 0.12 0.00	34.87 0.11 0.00
SITHE__OGDNSBRG 24021	29.32 0.13 0.00	29.78 0.17 0.00	28.26 0.15 0.00	28.34 0.15 0.00	28.42 0.21 0.00	28.84 0.29 0.00	31.39 0.37 0.00	29.01 0.07 0.00	28.03 -0.17 0.00	27.73 -0.34 0.00	27.59 -0.40 0.00	27.52 -0.44 0.00	27.26 -0.54 0.00	32.21 -0.78 0.00	29.29 -0.70 0.00	26.79 -0.59 0.00	30.36 -0.50 0.00	38.37 -0.32 0.00	40.59 -0.08 0.00	42.39 0.31 0.00	46.79 0.52 0.00	43.03 0.46 0.00	38.44 0.35 0.00	35.06 0.29 0.00
SITHE__STERLING 23777	29.53 0.34 0.00	29.97 0.36 0.00	28.41 0.31 0.00	28.51 0.32 0.00	28.54 0.33 0.00	28.91 0.36 0.00	31.40 0.37 0.00	29.20 0.25 0.00	28.39 0.19 0.00	28.27 0.20 0.00	28.21 0.22 0.00	28.16 0.21 0.00	27.99 0.20 0.00	33.20 0.21 0.00	30.20 0.21 0.00	27.59 0.20 0.00	31.29 0.42 0.00	39.38 0.69 0.00	41.45 0.79 0.00	42.90 0.82 0.00	47.16 0.90 0.00	43.31 0.74 0.00	38.68 0.59 0.00	35.26 0.49 0.00
SLEIGHT__34_KV_TB1 80719	28.12 -0.62 0.45	28.98 -0.64 0.00	27.40 -0.70 0.00	27.37 -0.82 0.00	27.37 -0.83 0.00	27.82 -0.74 0.00	30.31 -0.72 0.00	28.30 -0.59 0.05	27.81 -0.39 0.00	27.82 -0.25 0.00	27.78 -0.21 0.00	27.67 -0.28 0.00	17.80 -0.08 9.92	16.25 0.09 16.83	-0.70 0.06 30.74	26.91 -0.47 0.00	30.18 -0.69 0.00	37.59 -1.09 0.00	39.32 -1.35 0.00	40.82 -1.26 0.00	44.94 -1.33 0.00	39.37 -1.30 1.90	36.85 -1.24 0.00	33.70 -1.07 0.00
SMITHTWN_69_KV_BK 1 55830	38.67 2.03 -7.45	35.85 2.06 -4.18	31.89 1.98 -1.81	34.36 1.97 -4.20	31.89 1.90 -1.77	37.22 1.91 -6.76	32.79 1.77 0.00	30.75 1.80 0.00	29.83 1.63 0.00	30.06 1.63 -0.36	42.87 2.05 -12.83	44.95 2.12 -14.87	42.88 1.98 -13.11	43.99 1.68 -9.32	45.73 1.35 -14.39	29.72 1.54 -0.80	33.66 1.70 -1.10	42.73 2.25 -1.79	50.85 2.74 -7.43	46.80 2.62 -2.09	51.49 2.77 -2.46	54.27 2.83 -8.86	50.70 2.71 -9.90	46.02 2.40 -8.86
SOUTH CAIRO__GT 23612	30.66 1.48 0.00	31.08 1.46 0.00	29.51 1.41 0.00	29.62 1.44 0.00	29.64 1.43 0.00	30.00 1.45 0.00	32.61 1.58 0.00	30.33 1.39 0.00	29.34 1.13 0.00	29.19 1.12 0.00	28.96 0.97 0.00	28.94 0.99 0.00	32.44 0.84 -3.81	40.46 1.02 -6.46	42.86 1.06 -11.81	28.70 1.32 0.00	32.55 1.68 0.00	40.85 2.17 0.00	43.11 2.44 0.00	44.54 2.47 0.00	48.97 2.71 0.00	45.04 2.47 0.00	40.25 2.16 0.00	36.68 1.92 0.00
SOUTH HAMPTN__IC 23720	38.97 2.37 -7.42	36.28 2.48 -4.18	32.33 2.42 -1.81	34.84 2.45 -4.20	32.28 2.30 -1.77	37.61 2.31 -6.76	33.15 2.12 0.00	31.27 2.32 0.00	30.29 2.09 0.00	30.29 1.86 -0.36	42.87 2.14 -12.74	44.92 2.20 -14.77	42.99 2.14 -13.05	45.97 1.93 -11.05	48.39 1.55 -16.85	30.94 1.74 -1.82	35.33 1.96 -2.50	45.45 2.68 -4.08	54.59 3.45 -10.47	50.19 3.34 -4.77	55.43 3.57 -5.60	58.48 3.68 -12.22	54.31 3.53 -12.69	46.67 3.12 -8.79
SOUTHDOWN_115KV_TB1 355954	26.48 -1.52 1.18	28.29 -1.33 0.00	26.55 -1.55 0.00	26.40 -1.79 0.00	26.32 -1.89 0.00	26.75 -1.80 0.00	29.08 -1.94 0.00	27.34 -1.47 0.13	27.11 -1.09 0.00	27.23 -0.84 0.00	27.48 -0.51 0.00	27.52 -0.44 0.00	5.22 0.39 22.96	-4.81 1.15 38.96	-40.18 0.98 71.14	26.60 -0.79 0.00	29.83 -1.03 0.00	36.96 -1.72 0.00	38.43 -2.24 0.00	40.07 -2.00 0.00	43.97 -2.30 0.00	34.72 -2.20 5.66	36.06 -2.03 0.00	33.24 -1.52 0.00
SOUTHOLD_69_KV_BK 2 55809	39.19 2.59 -7.42	36.52 2.72 -4.18	32.57 2.66 -1.81	35.05 2.67 -4.20	32.45 2.46 -1.77	37.77 2.46 -6.76	33.35 2.33 0.00	31.46 2.52 0.00	30.49 2.28 0.00	30.51 2.08 -0.36	43.12 2.39 -12.74	45.17 2.45 -14.77	43.25 2.40 -13.05	46.26 2.22 -11.05	48.65 1.82 -16.85	31.22 2.02 -1.82	35.65 2.28 -2.50	45.84 3.08 -4.07	55.04 3.90 -10.47	50.66 3.82 -4.77	55.94 4.09 -5.59	58.92 4.13 -12.22	54.69 3.91 -12.69	47.02 3.46 -8.79
SOUTHOLD__IC 23719	39.19 2.59 -7.42	36.52 2.72 -4.18	32.57 2.66 -1.81	35.05 2.67 -4.20	32.45 2.47 -1.77	37.77 2.46 -6.76	33.34 2.32 0.00	31.47 2.52 0.00	30.48 2.28 0.00	30.51 2.08 -0.36	43.12 2.39 -12.74	45.18 2.45 -14.77	43.26 2.42 -13.05	46.28 2.24 -11.05	48.67 1.84 -16.85	31.22 2.02 -1.82	35.65 2.28 -2.50	45.84 3.08 -4.07	55.04 3.91 -10.47	50.66 3.82 -4.77	55.94 4.08 -5.59	58.91 4.13 -12.22	54.69 3.91 -12.69	47.02 3.46 -8.79
SOUTH_FORK_WT_PWR 323839	39.25 2.64 -7.42	36.59 2.79 -4.18	32.64 2.73 -1.81	35.11 2.73 -4.20	32.46 2.48 -1.77	37.75 2.44 -6.76	33.36 2.33 0.00	31.48 2.53 0.00	30.51 2.31 0.00	30.56 2.12 -0.36	43.15 2.42 -12.74	45.24 2.52 -14.77	43.34 2.49 -13.05	46.37 2.32 -11.05	48.75 1.91 -16.85	31.30 2.10 -1.82	35.73 2.37 -2.50	45.94 3.19 -4.08	55.17 4.03 -10.47	50.79 3.95 -4.77	56.10 4.24 -5.59	59.05 4.26 -12.22	54.80 4.02 -12.69	47.13 3.57 -8.79
SPIERFLS_115KV_TB 1 80737	30.42 1.24 0.00	30.89 1.28 0.00	29.32 1.22 0.00	29.40 1.22 0.00	29.44 1.23 0.00	29.80 1.25 0.00	32.35 1.33 0.00	30.03 1.09 0.00	29.11 0.91 0.00	28.87 0.80 0.00	28.74 0.75 0.00	28.67 0.72 0.00	31.95 0.65 -3.50	39.76 0.82 -5.95	41.71 0.80 -10.93	28.44 1.05 0.00	32.37 1.51 0.00	40.68 2.00 0.00	42.93 2.26 0.00	44.23 2.15 0.00	48.73 2.46 0.00	44.92 2.35 0.00	40.14 2.06 0.00	36.53 1.77 0.00

ST LAWRENCE____ 23600	29.09 -0.09 0.00	29.54 -0.08 0.00	28.04 -0.07 0.00	28.12 -0.06 0.00	28.20 -0.02 0.00	28.56 0.00 0.00	31.10 0.07 0.00	29.01 0.07 0.00	28.25 0.05 0.00	28.02 -0.06 0.00	27.91 -0.08 0.00	27.85 -0.11 0.00	27.63 -0.16 0.00	32.69 -0.30 0.00	29.71 -0.28 0.00	27.13 -0.25 0.00	30.64 -0.22 0.00	38.56 -0.12 0.00	40.55 -0.12 0.00	42.04 -0.03 0.00	46.29 0.02 0.00	42.58 0.01 0.00	38.06 -0.02 0.00	34.74 -0.02 0.00
STATE_CA_115KV_115_LB 55624	29.89 0.71 0.00	30.32 0.70 0.00	28.80 0.70 0.00	28.88 0.70 0.00	28.90 0.69 0.00	29.22 0.67 0.00	31.70 0.68 0.00	29.55 0.61 0.00	28.77 0.57 0.00	28.64 0.57 0.00	28.50 0.51 0.00	28.48 0.53 0.00	31.67 0.50 -3.37	39.26 0.55 -5.72	41.04 0.57 -10.49	28.15 0.77 0.00	31.73 0.86 0.00	39.64 0.95 0.00	41.76 1.10 0.00	43.05 0.97 0.00	47.34 1.07 0.00	43.59 1.02 0.00	39.05 0.96 0.00	35.64 0.88 0.00
STATE_ST_34_KV_LOAD 55959	28.64 -0.24 0.30	29.33 -0.28 0.00	27.82 -0.29 0.00	27.86 -0.32 0.00	27.88 -0.34 0.00	28.27 -0.28 0.00	30.73 -0.29 0.00	28.65 -0.26 0.03	28.03 -0.17 0.00	27.99 -0.08 0.00	27.93 -0.06 0.00	27.84 -0.11 0.00	20.21 -0.11 7.48	20.16 -0.14 12.68	6.69 -0.13 23.17	27.10 -0.29 0.00	30.52 -0.34 0.00	38.14 -0.54 0.00	40.03 -0.64 0.00	41.54 -0.53 0.00	45.65 -0.62 0.00	40.82 -0.67 1.08	37.45 -0.63 0.00	34.20 -0.57 0.00
STATION_5_MISC_HYD 23604	27.86 -0.76 0.56	28.84 -0.78 0.00	27.23 -0.87 0.00	27.15 -1.03 0.00	27.17 -1.04 0.00	27.66 -0.89 0.00	30.19 -0.83 0.00	28.24 -0.65 0.06	27.85 -0.35 0.00	27.91 -0.16 0.00	27.89 -0.10 0.00	27.81 -0.15 0.00	16.01 0.13 11.92	13.25 0.48 20.22	-6.52 0.42 36.92	27.04 -0.35 0.00	30.22 -0.64 0.00	37.55 -1.13 0.00	39.18 -1.49 0.00	40.75 -1.33 0.00	44.83 -1.43 0.00	38.72 -1.34 2.52	36.78 -1.30 0.00	33.71 -1.06 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.10 -0.57 0.52	29.02 -0.61 0.00	27.44 -0.66 0.00	27.41 -0.77 0.00	27.42 -0.79 0.00	27.88 -0.67 0.00	30.38 -0.64 0.00	28.38 -0.50 0.06	27.94 -0.26 0.00	27.96 -0.11 0.00	27.93 -0.06 0.00	27.81 -0.14 0.00	16.66 0.09 11.23	14.30 0.36 19.05	-4.47 0.33 34.78	27.09 -0.29 0.00	30.35 -0.51 0.00	37.80 -0.88 0.00	39.53 -1.14 0.00	41.07 -1.01 0.00	45.16 -1.11 0.00	39.21 -1.10 2.27	37.02 -1.06 0.00	33.87 -0.89 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.82 -0.82 0.54	28.77 -0.84 0.00	27.17 -0.93 0.00	27.12 -1.06 0.00	27.12 -1.09 0.00	27.60 -0.95 0.00	30.11 -0.91 0.00	28.15 -0.73 0.06	27.74 -0.46 0.00	27.79 -0.28 0.00	27.75 -0.23 0.00	27.67 -0.28 0.00	16.20 0.01 11.60	13.63 0.33 19.69	-5.70 0.27 35.96	26.92 -0.47 0.00	30.10 -0.76 0.00	37.41 -1.28 0.00	39.05 -1.62 0.00	40.58 -1.49 0.00	44.67 -1.60 0.00	38.65 -1.50 2.42	36.63 -1.45 0.00	33.57 -1.19 0.00
STA_56____34_KV_BUS2 355983	27.82 -0.82 0.54	28.77 -0.84 0.00	27.17 -0.93 0.00	27.12 -1.06 0.00	27.12 -1.09 0.00	27.60 -0.95 0.00	30.11 -0.91 0.00	28.15 -0.73 0.06	27.74 -0.46 0.00	27.79 -0.28 0.00	27.75 -0.23 0.00	27.67 -0.28 0.00	16.20 0.01 11.60	13.63 0.33 19.69	-5.70 0.27 35.96	26.92 -0.47 0.00	30.10 -0.76 0.00	37.41 -1.28 0.00	39.05 -1.62 0.00	40.58 -1.49 0.00	44.67 -1.60 0.00	38.65 -1.50 2.42	36.63 -1.45 0.00	33.57 -1.19 0.00
STA_67____115KV_BK2 355882	27.80 -0.82 0.56	28.78 -0.83 0.00	27.17 -0.93 0.00	27.11 -1.08 0.00	27.12 -1.09 0.00	27.61 -0.94 0.00	30.14 -0.89 0.00	28.19 -0.70 0.06	27.80 -0.40 0.00	27.85 -0.22 0.00	27.84 -0.15 0.00	27.75 -0.20 0.00	15.99 0.11 11.91	13.26 0.47 20.20	-6.51 0.40 36.90	26.98 -0.41 0.00	30.16 -0.70 0.00	37.47 -1.22 0.00	39.10 -1.57 0.00	40.65 -1.43 0.00	44.73 -1.53 0.00	38.63 -1.43 2.51	36.70 -1.38 0.00	33.64 -1.12 0.00
STA_7____115KV_9TRANS 80674	27.99 -0.63 0.56	28.97 -0.65 0.00	27.34 -0.77 0.00	27.27 -0.91 0.00	27.28 -0.93 0.00	27.77 -0.78 0.00	30.32 -0.70 0.00	28.36 -0.52 0.06	27.98 -0.22 0.00	28.04 -0.03 0.00	28.03 0.04 0.00	27.95 -0.01 0.00	16.20 0.31 11.90	13.51 0.71 20.19	-6.29 0.61 36.88	27.18 -0.20 0.00	30.39 -0.48 0.00	37.76 -0.92 0.00	39.40 -1.27 0.00	40.97 -1.10 0.00	45.08 -1.19 0.00	38.94 -1.12 2.51	36.97 -1.12 0.00	33.88 -0.88 0.00
STA_82____115KV_TB1 80780	27.77 -0.85 0.56	28.75 -0.87 0.00	27.15 -0.96 0.00	27.08 -1.10 0.00	27.09 -1.12 0.00	27.58 -0.97 0.00	30.11 -0.91 0.00	28.16 -0.73 0.06	27.77 -0.43 0.00	27.82 -0.25 0.00	27.81 -0.18 0.00	27.72 -0.23 0.00	15.90 0.08 11.98	13.11 0.44 20.32	-6.75 0.37 37.10	26.95 -0.43 0.00	30.13 -0.74 0.00	37.43 -1.26 0.00	39.05 -1.62 0.00	40.60 -1.48 0.00	44.68 -1.59 0.00	38.56 -1.48 2.53	36.67 -1.42 0.00	33.61 -1.15 0.00
STEEL____WIND 323596	25.88 -2.24 1.07	27.40 -2.22 0.00	25.75 -2.35 0.00	25.55 -2.63 0.00	25.59 -2.62 0.00	26.18 -2.37 0.00	28.64 -2.39 0.00	26.77 -2.05 0.12	26.73 -1.46 0.00	26.92 -1.15 0.00	26.99 -1.00 0.00	26.88 -1.07 0.00	6.53 -0.34 20.94	-2.16 0.37 35.52	-34.57 0.31 64.87	26.07 -1.31 0.00	28.93 -1.94 0.00	35.71 -2.98 0.00	37.05 -3.62 0.00	38.64 -3.44 0.00	42.42 -3.85 0.00	34.04 -3.45 5.08	34.94 -3.15 0.00	32.31 -2.45 0.00
STEPHTWN_115KV_BK_2 55603	30.06 0.88 0.00	30.49 0.87 0.00	28.96 0.85 0.00	29.03 0.85 0.00	29.05 0.85 0.00	29.39 0.84 0.00	31.88 0.86 0.00	29.73 0.79 0.00	28.93 0.73 0.00	28.80 0.73 0.00	28.65 0.66 0.00	28.66 0.70 0.00	31.80 0.65 -3.36	39.38 0.69 -5.70	41.15 0.73 -10.44	28.32 0.94 0.00	31.93 1.07 0.00	39.90 1.22 0.00	42.06 1.39 0.00	43.37 1.29 0.00	47.64 1.38 0.00	43.86 1.29 0.00	39.27 1.19 0.00	35.83 1.07 0.00
STEBEN_REC_LFGE 323667	25.67 -1.80 1.72	27.56 -2.06 0.00	26.17 -1.94 0.00	25.94 -2.24 0.00	25.90 -2.31 0.00	26.55 -2.00 0.00	28.81 -2.21 0.00	26.67 -2.07 0.20	26.84 -1.36 0.00	26.69 -1.38 0.00	26.57 -1.42 0.00	26.22 -1.74 0.00	-5.31 -0.80 32.31	-21.88 -0.07 54.80	-69.63 0.47 100.08	26.36 -1.03 0.00	29.74 -1.13 0.00	37.01 -1.68 0.00	38.52 -2.15 0.00	40.30 -1.78 0.00	44.07 -2.20 0.00	31.98 -2.28 8.31	36.05 -2.03 0.00	33.22 -1.54 0.00
STILLWATER____SOLAR 323814	30.41 1.23 0.00	30.85 1.23 0.00	29.28 1.17 0.00	29.37 1.18 0.00	29.39 1.18 0.00	29.74 1.19 0.00	32.28 1.26 0.00	30.00 1.05 0.00	29.11 0.91 0.00	28.93 0.85 0.00	28.78 0.79 0.00	28.72 0.76 0.00	31.99 0.74 -3.45	39.74 0.89 -5.86	41.63 0.87 -10.77	28.44 1.05 0.00	32.21 1.35 0.00	40.40 1.72 0.00	42.62 1.95 0.00	43.96 1.89 0.00	48.41 2.14 0.00	44.59 2.02 0.00	39.89 1.80 0.00	36.35 1.59 0.00
STONY____BROOK 24151	38.62 1.99 -7.44	35.82 2.02 -4.18	31.86 1.95 -1.81	34.33 1.94 -4.20	31.86 1.87 -1.77	37.19 1.88 -6.76	32.76 1.74 0.00	30.75 1.80 0.00	29.82 1.62 0.00	30.02 1.59 -0.36	42.79 2.00 -12.80	44.85 2.05 -14.84	42.83 1.94 -13.09	44.82 1.66 -10.17	46.92 1.33 -15.61	30.19 1.50 -1.30	34.31 1.66 -1.79	43.79 2.20 -2.91	52.33 2.73 -8.93	48.08 2.59 -3.41	53.00 2.73 -4.00	55.91 2.82 -10.52	52.08 2.71 -11.28	45.97 2.38 -8.84

STURGEON_POOL_HYD 23609	30.57 1.39 0.00	30.98 1.36 0.00	29.42 1.31 0.00	29.48 1.29 0.00	29.46 1.25 0.00	29.78 1.23 0.00	32.33 1.30 0.00	30.31 1.37 0.00	29.58 1.38 0.00	29.52 1.45 0.00	29.55 1.56 0.00	29.59 1.64 0.00	34.56 1.64 -5.12	43.70 2.03 -8.68	47.64 1.80 -15.85	29.13 1.74 0.00	32.67 1.80 0.00	40.90 2.21 0.00	42.96 2.29 0.00	44.33 2.26 0.00	48.61 2.35 0.00	44.77 2.20 0.00	40.06 1.97 0.00	36.45 1.69 0.00
ST_LAW_115_BK7_LBMP 345037	29.07 -0.12 0.00	29.53 -0.09 0.00	28.02 -0.08 0.00	28.11 -0.07 0.00	28.18 -0.04 0.00	28.54 -0.01 0.00	31.08 0.06 0.00	29.00 0.05 0.00	28.23 0.03 0.00	27.99 -0.08 0.00	27.89 -0.10 0.00	27.81 -0.14 0.00	27.59 -0.21 0.00	32.64 -0.35 0.00	29.65 -0.33 0.00	27.09 -0.30 0.00	30.60 -0.27 0.00	38.52 -0.16 0.00	40.50 -0.16 0.00	42.03 -0.05 0.00	46.26 -0.01 0.00	42.55 -0.02 0.00	38.04 -0.04 0.00	34.72 -0.04 0.00
ST_LAW_115_BK8_LBMP 345038	29.07 -0.12 0.00	29.53 -0.09 0.00	28.02 -0.08 0.00	28.11 -0.07 0.00	28.18 -0.04 0.00	28.54 -0.01 0.00	31.08 0.06 0.00	29.00 0.05 0.00	28.23 0.03 0.00	27.99 -0.08 0.00	27.89 -0.10 0.00	27.81 -0.14 0.00	27.59 -0.21 0.00	32.64 -0.35 0.00	29.65 -0.33 0.00	27.09 -0.30 0.00	30.60 -0.27 0.00	38.52 -0.16 0.00	40.50 -0.16 0.00	42.03 -0.05 0.00	46.26 -0.01 0.00	42.55 -0.02 0.00	38.04 -0.04 0.00	34.72 -0.04 0.00
ST_LAW_230_BK5_LBMP 345035	29.09 -0.09 0.00	29.54 -0.08 0.00	28.04 -0.07 0.00	28.12 -0.06 0.00	28.20 -0.02 0.00	28.56 0.00 0.00	31.10 0.07 0.00	29.01 0.07 0.00	28.25 0.05 0.00	28.02 -0.06 0.00	27.91 -0.08 0.00	27.85 -0.11 0.00	27.63 -0.16 0.00	32.69 -0.30 0.00	29.71 -0.28 0.00	27.13 -0.25 0.00	30.64 -0.22 0.00	38.56 -0.12 0.00	40.55 -0.12 0.00	42.04 -0.03 0.00	46.29 0.02 0.00	42.58 0.01 0.00	38.06 -0.02 0.00	34.74 -0.02 0.00
ST_LAW_230_BK6_LBMP 345036	29.09 -0.09 0.00	29.54 -0.08 0.00	28.04 -0.07 0.00	28.12 -0.06 0.00	28.20 -0.02 0.00	28.56 0.00 0.00	31.10 0.07 0.00	29.01 0.07 0.00	28.25 0.05 0.00	28.02 -0.06 0.00	27.91 -0.08 0.00	27.85 -0.11 0.00	27.63 -0.16 0.00	32.69 -0.30 0.00	29.71 -0.28 0.00	27.13 -0.25 0.00	30.64 -0.22 0.00	38.56 -0.12 0.00	40.55 -0.12 0.00	42.04 -0.03 0.00	46.29 0.02 0.00	42.58 0.01 0.00	38.06 -0.02 0.00	34.74 -0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.61 1.30 -0.13	30.89 1.27 0.00	29.32 1.22 0.00	29.37 1.18 0.00	29.35 1.15 0.00	29.70 1.15 0.00	32.22 1.19 0.00	30.21 1.25 -0.01	29.43 1.23 0.00	29.38 1.31 0.00	29.40 1.41 0.00	29.42 1.47 0.00	34.49 1.48 -5.20	43.69 1.88 -8.82	47.79 1.70 -16.11	29.04 1.65 0.00	32.56 1.69 0.00	40.75 2.07 0.00	42.80 2.13 0.00	44.20 2.12 0.00	48.44 2.17 0.00	44.58 2.01 0.00	39.92 1.83 0.00	36.34 1.58 0.00
SWANROAD_115KV_TB1 355699	25.54 -2.72 0.93	26.89 -2.73 0.00	25.24 -2.87 0.00	25.05 -3.13 0.00	25.11 -3.10 0.00	25.72 -2.83 0.00	28.21 -2.81 0.00	26.45 -2.39 0.11	26.40 -1.80 0.00	26.61 -1.47 0.00	26.64 -1.35 0.00	26.53 -1.43 0.00	8.76 -0.57 18.47	1.90 0.24 31.33	-27.09 0.15 57.22	25.66 -1.73 0.00	28.21 -2.66 0.00	34.59 -4.09 0.00	35.78 -4.89 0.00	37.38 -4.70 0.00	41.09 -5.18 0.00	33.66 -4.53 4.38	33.89 -4.19 0.00	31.44 -3.33 0.00
SYNERGY__BIOGAS 323694	27.15 -1.25 0.78	28.34 -1.28 0.00	26.66 -1.44 0.00	26.50 -1.68 0.00	26.55 -1.66 0.00	27.14 -1.41 0.00	29.75 -1.28 0.00	27.88 -0.97 0.09	27.73 -0.46 0.00	27.90 -0.17 0.00	27.91 -0.08 0.00	27.80 -0.15 0.00	12.42 0.48 15.87	7.28 1.20 26.91	-18.16 1.00 49.15	26.89 -0.49 0.00	29.83 -1.04 0.00	36.81 -1.87 0.00	38.26 -2.41 0.00	39.94 -2.13 0.00	43.94 -2.33 0.00	36.87 -2.07 3.64	36.08 -2.00 0.00	33.24 -1.53 0.00
SYRACUSE__ENERGY_ST1 323597	28.62 -0.40 0.16	29.20 -0.42 0.00	27.69 -0.41 0.00	27.75 -0.43 0.00	27.77 -0.43 0.00	28.13 -0.42 0.00	30.57 -0.45 0.00	28.51 -0.42 0.02	27.83 -0.37 0.00	27.76 -0.31 0.00	27.71 -0.27 0.00	27.65 -0.31 0.00	22.21 -0.32 5.26	23.64 -0.42 8.92	13.31 -0.37 16.30	26.95 -0.44 0.00	30.36 -0.50 0.00	37.99 -0.69 0.00	39.89 -0.78 0.00	41.34 -0.74 0.00	45.42 -0.84 0.00	41.71 -0.86 0.00	37.29 -0.79 0.00	34.05 -0.72 0.00
SYRACUSE__ENERGY_ST2 323598	28.62 -0.40 0.16	29.20 -0.42 0.00	27.69 -0.41 0.00	27.75 -0.43 0.00	27.77 -0.43 0.00	28.13 -0.42 0.00	30.57 -0.45 0.00	28.51 -0.42 0.02	27.83 -0.37 0.00	27.76 -0.31 0.00	27.71 -0.27 0.00	27.65 -0.31 0.00	22.21 -0.32 5.26	23.64 -0.42 8.92	13.31 -0.37 16.30	26.95 -0.44 0.00	30.36 -0.50 0.00	37.99 -0.69 0.00	39.89 -0.78 0.00	41.34 -0.74 0.00	45.42 -0.84 0.00	41.71 -0.86 0.00	37.29 -0.79 0.00	34.05 -0.72 0.00
SYRACUSE__POWER 24017	28.81 -0.37 0.00	29.23 -0.39 0.00	27.72 -0.39 0.00	27.78 -0.40 0.00	27.79 -0.41 0.00	28.16 -0.40 0.00	30.60 -0.43 0.00	28.56 -0.38 0.00	27.86 -0.34 0.00	27.80 -0.27 0.00	27.75 -0.23 0.00	27.70 -0.25 0.00	22.98 -0.29 4.52	24.92 -0.40 7.68	15.60 -0.36 14.02	26.97 -0.42 0.00	30.39 -0.48 0.00	38.03 -0.65 0.00	39.94 -0.73 0.00	41.38 -0.69 0.00	45.48 -0.79 0.00	41.77 -0.80 0.00	37.33 -0.75 0.00	34.09 -0.68 0.00
TALLMAN__138KV_BK151 55660	30.61 1.30 -0.12	30.88 1.27 0.00	29.31 1.21 0.00	29.37 1.18 0.00	29.34 1.13 0.00	29.70 1.14 0.00	32.21 1.18 0.00	30.22 1.26 -0.01	29.42 1.22 0.00	29.38 1.30 0.00	29.40 1.41 0.00	29.43 1.47 0.00	34.35 1.49 -5.06	43.46 1.90 -8.57	47.35 1.72 -15.65	29.06 1.67 0.00	32.53 1.67 0.00	40.72 2.04 0.00	42.74 2.07 0.00	44.14 2.06 0.00	48.36 2.09 0.00	44.50 1.93 0.00	39.87 1.79 0.00	36.29 1.53 0.00
TEALLAVE_115KV_TB7 355573	28.66 -0.53 0.00	29.08 -0.54 0.00	27.57 -0.53 0.00	27.63 -0.55 0.00	27.65 -0.56 0.00	28.00 -0.54 0.00	30.44 -0.58 0.00	28.41 -0.53 0.00	27.72 -0.48 0.00	27.65 -0.42 0.00	27.60 -0.39 0.00	27.56 -0.40 0.00	23.28 -0.42 4.09	25.53 -0.51 6.94	16.84 -0.46 12.68	26.86 -0.53 0.00	30.25 -0.62 0.00	37.84 -0.84 0.00	39.73 -0.94 0.00	41.16 -0.92 0.00	45.23 -1.04 0.00	41.55 -1.02 0.00	37.14 -0.94 0.00	33.92 -0.85 0.00
TELEGRAPH_34_KV_EAST 80808	26.36 -1.98 0.85	27.63 -1.99 0.00	25.96 -2.14 0.00	25.79 -2.39 0.00	25.84 -2.37 0.00	26.44 -2.11 0.00	28.99 -2.04 0.00	27.17 -1.68 0.10	27.07 -1.13 0.00	27.25 -0.82 0.00	27.28 -0.71 0.00	27.17 -0.78 0.00	10.72 -0.04 17.04	4.82 0.73 28.90	-22.20 0.59 52.78	26.29 -1.10 0.00	29.05 -1.82 0.00	35.77 -2.92 0.00	37.08 -3.59 0.00	38.73 -3.35 0.00	42.57 -3.70 0.00	35.36 -3.24 3.97	35.05 -3.04 0.00	32.40 -2.36 0.00
TEMPLE__115KV_TB 2 55572	28.68 -0.51 0.00	29.09 -0.53 0.00	27.59 -0.52 0.00	27.64 -0.54 0.00	27.67 -0.54 0.00	28.01 -0.53 0.00	30.45 -0.57 0.00	28.43 -0.52 0.00	27.73 -0.47 0.00	27.68 -0.39 0.00	27.62 -0.37 0.00	27.57 -0.39 0.00	23.29 -0.40 4.11	25.53 -0.50 6.96	16.81 -0.45 12.72	26.87 -0.52 0.00	30.26 -0.60 0.00	37.85 -0.83 0.00	39.74 -0.93 0.00	41.17 -0.91 0.00	45.24 -1.02 0.00	41.56 -1.01 0.00	37.15 -0.93 0.00	33.93 -0.84 0.00

TIANA___69_KV_BK 1 55817	38.87 2.26 -7.42	36.17 2.37 -4.18	32.23 2.32 -1.81	34.73 2.35 -4.20	32.21 2.22 -1.77	37.54 2.23 -6.76	33.05 2.03 0.00	31.17 2.23 0.00	30.20 2.00 0.00	30.19 1.76 -0.36	42.78 2.05 -12.74	44.82 2.09 -14.77	42.87 2.03 -13.05	45.82 1.77 -11.05	48.25 1.41 -16.85	30.83 1.63 -1.82	35.20 1.83 -2.50	45.29 2.53 -4.07	54.42 3.28 -10.47	49.99 3.14 -4.77	55.21 3.35 -5.59	58.28 3.49 -12.22	54.15 3.37 -12.69	46.53 2.97 -8.79
TILDEN___115KV_TB1 80814	28.81 -0.37 0.00	29.23 -0.39 0.00	27.72 -0.39 0.00	27.78 -0.40 0.00	27.79 -0.41 0.00	28.16 -0.40 0.00	30.60 -0.43 0.00	28.56 -0.38 0.00	27.86 -0.34 0.00	27.80 -0.27 0.00	27.75 -0.23 0.00	27.70 -0.25 0.00	22.98 -0.29 4.52	24.92 -0.40 7.68	15.60 -0.36 14.02	26.97 -0.42 0.00	30.39 -0.48 0.00	38.03 -0.65 0.00	39.94 -0.73 0.00	41.38 -0.69 0.00	45.48 -0.79 0.00	41.77 -0.80 0.00	37.33 -0.75 0.00	34.09 -0.68 0.00
TRIGEN___CC 323695	42.27 1.86 -11.23	35.65 1.85 -4.18	31.67 1.76 -1.81	34.11 1.73 -4.20	31.65 1.67 -1.77	37.00 1.69 -6.76	32.64 1.62 0.00	30.56 1.62 0.00	29.72 1.52 0.00	30.30 1.60 -0.63	52.08 1.97 -22.13	55.63 2.02 -25.65	48.90 1.94 -19.17	42.93 1.89 -8.05	45.90 1.60 -14.31	29.11 1.73 0.00	32.69 1.82 0.00	41.02 2.33 0.00	51.94 2.58 -8.69	44.60 2.52 0.00	48.89 2.62 -0.01	55.83 2.57 -10.69	53.73 2.41 -13.23	52.18 2.14 -15.28
TRINITY___115KV___4 BK 55933	29.80 0.62 0.00	30.23 0.61 0.00	28.72 0.62 0.00	28.80 0.62 0.00	28.81 0.59 0.00	29.13 0.58 0.00	31.60 0.58 0.00	29.46 0.52 0.00	28.68 0.48 0.00	28.54 0.47 0.00	28.40 0.41 0.00	28.39 0.44 0.00	31.56 0.41 -3.36	39.14 0.45 -5.70	40.87 0.45 -10.44	28.03 0.64 0.00	31.59 0.73 0.00	39.46 0.78 0.00	41.59 0.91 0.00	42.87 0.79 0.00	47.15 0.88 0.00	43.42 0.85 0.00	38.90 0.81 0.00	35.51 0.75 0.00
UNION___PROCESSING_DRP 323587	27.78 -0.84 0.56	28.76 -0.86 0.00	27.15 -0.96 0.00	27.09 -1.10 0.00	27.09 -1.12 0.00	27.58 -0.97 0.00	30.11 -0.91 0.00	28.16 -0.73 0.06	27.77 -0.43 0.00	27.83 -0.24 0.00	27.81 -0.18 0.00	27.73 -0.23 0.00	15.89 0.08 11.99	13.09 0.45 20.35	-6.80 0.37 37.16	26.97 -0.42 0.00	30.13 -0.73 0.00	37.43 -1.26 0.00	39.06 -1.61 0.00	40.62 -1.46 0.00	44.70 -1.57 0.00	38.57 -1.46 2.53	36.67 -1.42 0.00	33.62 -1.15 0.00
UPPER HUDSON___HYD 24058	30.43 1.24 0.00	30.89 1.27 0.00	29.32 1.21 0.00	29.40 1.22 0.00	29.44 1.23 0.00	29.80 1.25 0.00	32.35 1.33 0.00	30.03 1.09 0.00	29.11 0.91 0.00	28.87 0.80 0.00	28.74 0.75 0.00	28.68 0.72 0.00	31.95 0.65 -3.50	39.77 0.83 -5.95	41.72 0.81 -10.93	28.44 1.05 0.00	32.37 1.51 0.00	40.68 2.00 0.00	42.93 2.26 0.00	44.23 2.15 0.00	48.73 2.46 0.00	44.92 2.35 0.00	40.14 2.06 0.00	36.53 1.77 0.00
UPPER RAQUET___HYD 24056	28.19 -0.99 0.00	28.69 -0.93 0.00	27.22 -0.88 0.00	27.34 -0.85 0.00	27.43 -0.79 0.00	27.78 -0.77 0.00	30.24 -0.78 0.00	28.09 -0.86 0.00	27.20 -1.01 0.00	26.94 -1.13 0.00	26.81 -1.18 0.00	26.75 -1.21 0.00	26.51 -1.29 0.00	31.32 -1.67 0.00	28.47 -1.52 0.00	26.08 -1.30 0.00	29.57 -1.29 0.00	37.39 -1.30 0.00	39.46 -1.21 0.00	41.05 -1.02 0.00	45.23 -1.03 0.00	41.61 -0.96 0.00	37.17 -0.92 0.00	33.88 -0.88 0.00
VALLEY44_115KV_TB2 355964	25.92 -2.04 1.22	27.65 -1.97 0.00	26.04 -2.07 0.00	25.93 -2.25 0.00	25.89 -2.32 0.00	26.46 -2.09 0.00	28.83 -2.19 0.00	26.94 -1.86 0.14	26.68 -1.51 0.00	26.78 -1.30 0.00	26.76 -1.23 0.00	26.64 -1.32 0.00	3.62 -0.49 23.68	-7.05 0.12 40.17	-43.28 0.09 73.36	25.91 -1.48 0.00	28.96 -1.90 0.00	35.83 -2.85 0.00	37.24 -3.43 0.00	38.90 -3.18 0.00	42.69 -3.58 0.00	33.41 -3.31 5.86	35.08 -3.01 0.00	32.33 -2.43 0.00
VALLEY___115KV_TB 1-4 80826	29.44 0.25 0.00	29.87 0.25 0.00	28.24 0.13 0.00	28.32 0.13 0.00	28.33 0.12 0.00	28.65 0.10 0.00	31.08 0.06 0.00	28.84 -0.10 0.00	27.97 -0.23 0.00	27.84 -0.23 0.00	27.71 -0.28 0.00	27.73 -0.22 0.00	27.63 -0.17 0.00	32.84 -0.15 0.00	29.96 -0.03 0.00	27.62 0.23 0.00	31.28 0.42 0.00	39.29 0.60 0.00	41.44 0.77 0.00	42.85 0.78 0.00	47.12 0.85 0.00	43.35 0.78 0.00	38.85 0.76 0.00	35.40 0.64 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.55 1.04 -0.32	30.64 1.02 0.00	29.05 0.95 0.00	29.18 1.00 0.00	29.21 1.01 0.00	29.49 0.94 0.00	32.07 1.05 0.00	30.01 1.02 -0.04	29.21 1.01 0.00	29.12 1.05 0.00	29.04 1.09 0.00	29.04 1.09 0.00	56.76 1.25 -27.71	81.63 1.67 -46.98	117.08 1.55 -85.54	28.78 1.40 0.00	32.48 1.61 0.00	40.70 2.02 0.00	42.78 2.12 0.00	44.22 2.15 0.00	48.53 2.27 0.00	46.15 2.11 -1.47	39.94 1.85 0.00	36.40 1.64 0.00
VISCHER___FERRY HYD 24020	30.19 1.01 0.00	30.61 0.99 0.00	29.06 0.95 0.00	29.15 0.96 0.00	29.17 0.95 0.00	29.50 0.95 0.00	32.01 0.99 0.00	29.80 0.86 0.00	28.98 0.78 0.00	28.81 0.74 0.00	28.66 0.67 0.00	28.64 0.69 0.00	31.80 0.66 -3.34	39.45 0.79 -5.67	41.11 0.73 -10.39	28.25 0.86 0.00	31.92 1.06 0.00	39.96 1.27 0.00	42.16 1.50 0.00	43.45 1.37 0.00	47.86 1.59 0.00	44.09 1.52 0.00	39.47 1.38 0.00	36.01 1.24 0.00
V_A_10_SYNC_DSASP 323832	26.24 -2.12 0.82	27.51 -2.11 0.00	25.87 -2.23 0.00	25.72 -2.46 0.00	25.76 -2.45 0.00	26.32 -2.23 0.00	28.81 -2.21 0.00	26.99 -1.86 0.09	26.81 -1.39 0.00	26.96 -1.12 0.00	26.97 -1.02 0.00	26.86 -1.10 0.00	10.83 -0.45 16.51	5.14 0.15 28.00	-21.07 0.09 51.14	26.06 -1.33 0.00	28.90 -1.97 0.00	35.66 -3.02 0.00	37.00 -3.67 0.00	38.61 -3.47 0.00	42.47 -3.80 0.00	35.35 -3.39 3.83	34.98 -3.11 0.00	32.30 -2.47 0.00
V_CMM_10_SYNC_DSASP 323787	29.20 0.01 0.00	29.66 0.04 0.00	28.14 0.04 0.00	28.23 0.04 0.00	28.29 0.08 0.00	28.66 0.11 0.00	31.22 0.20 0.00	29.12 0.18 0.00	28.35 0.14 0.00	28.10 0.04 0.00	28.00 0.01 0.00	27.93 -0.03 0.00	27.70 -0.10 0.00	32.77 -0.22 0.00	29.77 -0.22 0.00	27.19 -0.19 0.00	30.72 -0.15 0.00	38.68 -0.01 0.00	40.67 0.00 0.00	42.20 0.12 0.00	46.45 0.18 0.00	42.70 0.13 0.00	38.19 0.11 0.00	34.86 0.09 0.00
V_CMP_10_SYNC_DSASP 323788	29.28 0.09 0.00	29.69 0.07 0.00	28.13 0.03 0.00	28.35 0.17 0.00	28.61 0.39 0.00	28.89 0.34 0.00	31.46 0.43 0.00	29.30 0.35 0.00	28.54 0.34 0.00	28.20 0.13 0.00	27.99 0.01 0.00	27.96 0.00 0.00	27.78 -0.02 0.00	32.88 -0.10 0.00	29.86 -0.12 0.00	27.31 -0.07 0.00	31.01 0.15 0.00	39.10 0.42 0.00	41.28 0.61 0.00	42.76 0.68 0.00	47.12 0.85 0.00	43.41 0.83 0.00	38.74 0.65 0.00	35.29 0.53 0.00
V_D_10_SYNC_DSASP 323841	29.19 0.01 0.00	29.66 0.04 0.00	28.15 0.05 0.00	28.23 0.04 0.00	28.29 0.08 0.00	28.67 0.12 0.00	31.23 0.21 0.00	29.11 0.16 0.00	28.30 0.10 0.00	28.06 -0.02 0.00	27.94 -0.05 0.00	27.87 -0.08 0.00	27.64 -0.16 0.00	32.68 -0.31 0.00	29.70 -0.29 0.00	27.14 -0.25 0.00	30.67 -0.19 0.00	38.65 -0.04 0.00	40.67 0.00 0.00	42.21 0.13 0.00	46.48 0.21 0.00	42.75 0.18 0.00	38.21 0.13 0.00	34.87 0.11 0.00

V_E_10_SYNC_DSASP 323830	30.52 1.15 -0.19	30.63 1.01 0.00	28.77 0.66 0.00	29.02 0.84 0.00	29.21 1.00 0.00	29.64 1.09 0.00	32.23 1.20 0.00	30.06 1.10 -0.02	29.18 0.98 0.00	29.02 0.95 0.00	29.10 1.11 0.00	29.07 1.12 0.00	65.12 1.17 -36.15	95.40 1.09 -61.31	143.01 1.18 -111.84	28.28 0.89 0.00	32.38 1.51 0.00	40.93 2.25 0.00	43.39 2.72 0.00	45.31 3.24 0.00	49.71 3.44 0.00	47.12 2.89 -1.65	40.56 2.48 0.00	36.96 2.19 0.00
V_F_30_NSYNC_DSASP 323816	30.42 1.24 0.00	30.86 1.25 0.00	29.29 1.19 0.00	29.38 1.19 0.00	29.39 1.18 0.00	29.75 1.20 0.00	32.30 1.28 0.00	30.02 1.07 0.00	29.14 0.94 0.00	28.97 0.90 0.00	28.82 0.83 0.00	28.77 0.81 0.00	32.05 0.77 -3.47	39.82 0.93 -5.90	41.75 0.92 -10.84	28.47 1.08 0.00	32.24 1.37 0.00	40.44 1.75 0.00	42.63 1.96 0.00	43.99 1.91 0.00	48.42 2.15 0.00	44.60 2.03 0.00	39.90 1.82 0.00	36.36 1.60 0.00
V_F_30_SYNC_DSASP 323786	29.89 0.70 0.00	30.32 0.70 0.00	28.80 0.70 0.00	28.88 0.70 0.00	28.89 0.68 0.00	29.22 0.67 0.00	31.70 0.67 0.00	29.55 0.60 0.00	28.76 0.56 0.00	28.64 0.57 0.00	28.49 0.50 0.00	28.48 0.52 0.00	31.66 0.49 -3.37	39.26 0.55 -5.72	41.02 0.56 -10.48	28.15 0.77 0.00	31.73 0.86 0.00	39.63 0.94 0.00	41.76 1.09 0.00	43.05 0.97 0.00	47.33 1.06 0.00	43.58 1.01 0.00	39.04 0.96 0.00	35.64 0.88 0.00
V_XM_10_SYNC_DSASP 323789	29.28 0.09 0.00	29.69 0.07 0.00	28.13 0.03 0.00	28.35 0.17 0.00	28.61 0.39 0.00	28.89 0.34 0.00	31.46 0.43 0.00	29.30 0.35 0.00	28.54 0.34 0.00	28.20 0.13 0.00	27.99 0.01 0.00	27.96 0.00 0.00	27.78 -0.02 0.00	32.88 -0.10 0.00	29.86 -0.12 0.00	27.31 -0.07 0.00	31.01 0.15 0.00	39.10 0.42 0.00	41.28 0.61 0.00	42.76 0.68 0.00	47.12 0.85 0.00	43.41 0.83 0.00	38.74 0.65 0.00	35.29 0.53 0.00
W.BABYLN_69_KV_BK1 56697	39.46 2.24 -8.03	36.03 2.23 -4.18	32.04 2.13 -1.81	34.48 2.09 -4.20	32.02 2.04 -1.77	37.36 2.06 -6.76	33.00 1.98 0.00	30.89 1.95 0.00	30.01 1.82 0.00	30.36 1.89 -0.40	44.52 2.33 -14.20	46.81 2.39 -16.46	44.10 2.30 -14.01	43.94 2.12 -8.84	45.71 1.77 -13.95	29.79 1.90 -0.50	33.64 2.08 -0.70	42.53 2.71 -1.14	50.90 3.12 -7.12	46.41 3.00 -1.33	51.02 3.19 -1.56	54.28 3.16 -8.55	50.97 2.98 -9.91	47.19 2.63 -9.81
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.76 1.45 -0.12	31.04 1.42 0.00	29.46 1.36 0.00	29.51 1.33 0.00	29.48 1.28 0.00	29.84 1.29 0.00	32.37 1.35 0.00	30.37 1.41 -0.01	29.58 1.38 0.00	29.55 1.48 0.00	29.57 1.58 0.00	29.60 1.65 0.00	34.39 1.66 -4.94	43.46 2.09 -8.38	47.17 1.89 -15.30	29.22 1.83 0.00	32.73 1.86 0.00	40.96 2.28 0.00	43.00 2.34 0.00	44.41 2.33 0.00	48.66 2.40 0.00	44.77 2.20 0.00	40.11 2.02 0.00	36.50 1.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.74 1.55 0.00	31.13 1.51 0.00	29.55 1.45 0.00	29.59 1.40 0.00	29.56 1.35 0.00	29.91 1.36 0.00	32.43 1.40 0.00	30.46 1.51 0.00	29.72 1.52 0.00	29.70 1.63 0.00	29.76 1.77 0.00	29.80 1.85 0.00	34.38 1.82 -4.76	43.28 2.22 -8.08	46.71 1.98 -14.74	29.36 1.97 0.00	32.87 2.01 0.00	41.10 2.42 0.00	43.11 2.44 0.00	44.50 2.43 0.00	48.71 2.45 0.00	44.88 2.31 0.00	40.21 2.13 0.00	36.61 1.84 0.00
W50THST__13_KV_LOAD 356117	30.87 1.69 0.00	31.26 1.64 0.00	29.67 1.56 0.00	29.70 1.52 0.00	29.67 1.47 0.00	30.04 1.49 0.00	32.56 1.54 0.00	30.59 1.65 0.00	29.85 1.65 0.00	29.85 1.78 0.00	29.91 1.92 0.00	29.94 1.99 0.00	34.52 1.96 -4.76	43.46 2.39 -8.08	46.87 2.15 -14.74	29.51 2.12 0.00	33.03 2.16 0.00	41.31 2.62 0.00	43.31 2.64 0.00	44.71 2.63 0.00	48.94 2.67 0.00	45.08 2.51 0.00	40.38 2.30 0.00	36.77 2.01 0.00
WADING RIVER_IC_1 23522	38.54 1.94 -7.41	35.84 2.05 -4.18	31.92 2.01 -1.81	34.45 2.07 -4.20	31.96 1.98 -1.77	37.30 1.99 -6.76	32.69 1.67 0.00	30.90 1.96 0.00	29.95 1.74 0.00	29.84 1.41 -0.36	42.38 1.66 -12.74	44.42 1.71 -14.76	42.49 1.64 -13.04	45.37 1.31 -11.07	47.86 0.99 -16.88	30.43 1.22 -1.83	34.73 1.35 -2.52	44.74 1.95 -4.10	53.88 2.71 -10.50	49.38 2.49 -4.80	54.55 2.65 -5.63	57.77 2.94 -12.25	53.73 2.92 -12.72	46.12 2.56 -8.79
WADING RIVER_IC_2 23547	38.54 1.94 -7.41	35.84 2.05 -4.18	31.92 2.01 -1.81	34.45 2.07 -4.20	31.96 1.98 -1.77	37.30 1.99 -6.76	32.69 1.67 0.00	30.90 1.96 0.00	29.95 1.74 0.00	29.84 1.41 -0.36	42.38 1.66 -12.74	44.42 1.71 -14.76	42.49 1.64 -13.04	45.37 1.31 -11.07	47.86 0.99 -16.88	30.43 1.22 -1.83	34.73 1.35 -2.52	44.74 1.95 -4.10	53.88 2.71 -10.50	49.38 2.49 -4.80	54.55 2.65 -5.63	57.77 2.94 -12.25	53.73 2.92 -12.72	46.12 2.56 -8.79
WADING RIVER_IC_3 23601	38.54 1.94 -7.41	35.84 2.05 -4.18	31.92 2.01 -1.81	34.45 2.07 -4.20	31.96 1.98 -1.77	37.30 1.99 -6.76	32.69 1.67 0.00	30.90 1.96 0.00	29.95 1.74 0.00	29.84 1.41 -0.36	42.38 1.66 -12.74	44.42 1.71 -14.76	42.49 1.64 -13.04	45.37 1.31 -11.07	47.86 0.99 -16.88	30.43 1.22 -1.83	34.73 1.35 -2.52	44.74 1.95 -4.10	53.88 2.71 -10.50	49.38 2.49 -4.80	54.55 2.65 -5.63	57.77 2.94 -12.25	53.73 2.92 -12.72	46.12 2.56 -8.79
WALDENNY_12_KV_BK2 80841	25.93 -2.20 1.05	27.43 -2.19 0.00	25.75 -2.35 0.00	25.58 -2.60 0.00	25.61 -2.60 0.00	26.20 -2.35 0.00	28.68 -2.34 0.00	26.85 -1.98 0.12	26.79 -1.41 0.00	26.98 -1.09 0.00	27.05 -0.94 0.00	26.95 -1.00 0.00	6.93 -0.18 20.69	-1.49 0.61 35.09	-33.57 0.52 64.09	26.15 -1.24 0.00	28.96 -1.91 0.00	35.70 -2.98 0.00	37.02 -3.65 0.00	38.63 -3.45 0.00	42.43 -3.84 0.00	34.13 -3.44 5.01	34.94 -3.15 0.00	32.32 -2.45 0.00
WALDEN__HYDRO 24148	30.72 1.42 -0.12	31.01 1.39 0.00	29.44 1.33 0.00	29.48 1.30 0.00	29.47 1.26 0.00	29.81 1.26 0.00	32.34 1.32 0.00	30.32 1.36 -0.01	29.55 1.36 0.00	29.52 1.45 0.00	29.54 1.55 0.00	29.56 1.61 0.00	34.52 1.61 -5.12	43.68 2.01 -8.68	47.65 1.82 -15.84	29.15 1.77 0.00	32.71 1.84 0.00	40.95 2.26 0.00	43.01 2.34 0.00	44.41 2.34 0.00	48.69 2.42 0.00	44.82 2.25 0.00	40.11 2.02 0.00	36.51 1.75 0.00
WARRENSBURG____ 23737	30.42 1.24 0.00	30.89 1.28 0.00	29.32 1.22 0.00	29.40 1.22 0.00	29.44 1.23 0.00	29.80 1.25 0.00	32.35 1.33 0.00	30.03 1.09 0.00	29.11 0.91 0.00	28.87 0.80 0.00	28.74 0.75 0.00	28.67 0.72 0.00	31.95 0.65 -3.50	39.76 0.82 -5.95	41.71 0.80 -10.93	28.44 1.05 0.00	32.37 1.51 0.00	40.68 2.00 0.00	42.93 2.26 0.00	44.23 2.15 0.00	48.73 2.46 0.00	44.92 2.35 0.00	40.14 2.06 0.00	36.53 1.77 0.00
WATERSIDE__6 8 9 23538	30.72 1.53 0.00	31.11 1.49 0.00	29.53 1.43 0.00	29.57 1.39 0.00	29.54 1.33 0.00	29.89 1.34 0.00	32.40 1.38 0.00	30.47 1.53 0.00	29.74 1.54 0.00	29.72 1.66 0.00	29.77 1.79 0.00	29.81 1.86 0.00	34.38 1.82 -4.76	43.25 2.19 -8.07	46.67 1.95 -14.74	29.37 1.98 0.00	32.85 1.99 0.00	41.05 2.36 0.00	43.01 2.34 0.00	44.38 2.30 0.00	48.54 2.28 0.00	44.76 2.18 0.00	40.13 2.05 0.00	36.55 1.78 0.00

WATKINRD_115KV_LN8_ILLLION 55919	29.40 0.21 0.00	29.82 0.21 0.00	28.25 0.14 0.00	28.33 0.15 0.00	28.35 0.13 0.00	28.67 0.12 0.00	31.11 0.09 0.00	28.91 -0.04 0.00	28.07 -0.13 0.00	27.95 -0.12 0.00	27.82 -0.17 0.00	27.82 -0.13 0.00	27.70 -0.10 0.00	32.91 -0.08 0.00	29.99 0.01 0.00	27.57 0.19 0.00	31.20 0.33 0.00	39.15 0.47 0.00	41.26 0.59 0.00	42.66 0.59 0.00	46.90 0.63 0.00	43.16 0.59 0.00	38.65 0.57 0.00	35.24 0.48 0.00
WDELAWARE___HYD 323627	30.42 1.09 -0.14	30.64 1.02 0.00	29.06 0.96 0.00	29.13 0.94 0.00	29.14 0.92 0.00	29.47 0.92 0.00	31.98 0.96 0.00	29.99 1.03 -0.02	29.25 1.04 0.00	29.21 1.14 0.00	29.24 1.25 0.00	29.28 1.32 0.00	37.04 1.31 -7.93	48.15 1.72 -13.45	56.09 1.57 -24.54	28.91 1.53 0.00	32.47 1.61 0.00	40.68 2.00 0.00	42.78 2.11 0.00	44.18 2.10 0.00	48.41 2.14 0.00	44.54 1.97 0.00	39.82 1.74 0.00	36.23 1.47 0.00
WEST BABYLON___IC 23714	39.46 2.24 -8.03	36.03 2.23 -4.18	32.04 2.13 -1.81	34.48 2.09 -4.20	32.02 2.04 -1.77	37.36 2.06 -6.76	33.00 1.98 0.00	30.89 1.95 0.00	30.01 1.82 0.00	30.36 1.89 -0.40	44.52 2.33 -14.20	46.81 2.39 -16.46	44.10 2.30 -14.01	43.94 2.12 -8.84	45.71 1.77 -13.95	29.79 1.90 -0.50	33.64 2.08 -0.70	42.53 2.71 -1.14	50.90 3.12 -7.12	46.41 3.00 -1.33	51.02 3.19 -1.56	54.28 3.16 -8.55	50.97 2.98 -9.91	47.19 2.63 -9.81
WEST CANADA___HYD 24049	29.23 0.05 0.00	29.66 0.04 0.00	28.14 0.04 0.00	28.23 0.05 0.00	28.24 0.03 0.00	28.58 0.03 0.00	31.03 0.01 0.00	28.95 0.00 0.00	28.19 -0.01 0.00	28.07 0.00 0.00	27.99 0.00 0.00	27.96 0.00 0.00	27.82 0.02 0.00	33.03 0.04 0.00	30.03 0.04 0.00	27.46 0.07 0.00	30.95 0.08 0.00	38.80 0.12 0.00	40.79 0.12 0.00	42.16 0.09 0.00	46.36 0.09 0.00	42.66 0.09 0.00	38.17 0.09 0.00	34.83 0.07 0.00
WESTERN_NY_WIND 24143	27.06 -1.32 0.80	28.28 -1.34 0.00	26.59 -1.51 0.00	26.44 -1.74 0.00	26.48 -1.73 0.00	27.07 -1.47 0.00	29.68 -1.34 0.09	27.82 -1.03 0.09	27.68 -0.52 0.00	27.84 -0.23 0.00	27.86 -0.13 0.00	27.75 -0.20 0.00	12.02 0.45 16.23	6.62 1.17 27.54	-19.33 0.97 50.29	26.84 -0.54 0.00	29.76 -1.11 0.00	36.72 -1.97 0.00	38.15 -2.52 0.00	39.83 -2.24 0.00	43.82 -2.45 0.00	36.67 -2.16 3.74	35.99 -2.10 0.00	33.16 -1.60 0.00
WESTOVER___LESR 323668	30.30 -0.05 -1.16	29.53 -0.09 0.00	27.99 -0.12 0.00	28.06 -0.13 0.00	28.07 -0.14 0.00	28.43 -0.12 0.00	30.86 -0.16 0.00	28.96 -0.11 -0.13	28.16 -0.04 0.00	28.09 0.02 0.00	28.06 0.07 0.00	27.99 0.04 0.00	154.23 0.28 -126.15	247.53 0.56 -213.98	421.14 0.63 -390.53	26.87 -0.52 0.00	30.29 -0.57 0.00	37.87 -0.81 0.00	39.76 -0.91 0.00	41.27 -0.80 0.00	45.31 -0.96 0.00	49.06 -1.02 -7.50	37.17 -0.91 0.00	33.98 -0.79 0.00
WETHRSFD_WT_PWR 323626	25.39 -2.47 1.32	27.24 -2.38 0.00	25.63 -2.47 0.00	25.38 -2.80 0.00	25.36 -2.85 0.00	25.98 -2.57 0.00	28.28 -2.74 0.00	26.28 -2.51 0.15	26.30 -1.90 0.00	26.36 -1.71 0.00	26.38 -1.61 0.00	26.30 -1.65 0.00	1.42 -0.90 25.48	-10.52 -0.29 43.22	-49.04 -0.10 78.93	25.90 -1.49 0.00	28.88 -1.99 0.00	35.69 -2.99 0.00	37.13 -3.54 0.00	38.78 -3.30 0.00	42.45 -3.82 0.00	32.69 -3.51 6.37	35.01 -3.07 0.00	32.36 -2.41 0.00
WHAVSTOR_138KV_BK127 55557	30.61 1.31 -0.12	30.90 1.28 0.00	29.33 1.23 0.00	29.38 1.20 0.00	29.36 1.15 0.00	29.71 1.16 0.00	32.22 1.20 0.00	30.23 1.27 -0.01	29.44 1.24 0.00	29.39 1.32 0.00	29.43 1.44 0.00	29.45 1.50 0.00	34.23 1.50 -4.93	43.24 1.89 -8.36	46.94 1.70 -15.25	29.05 1.66 0.00	32.56 1.69 0.00	40.73 2.05 0.00	42.77 2.10 0.00	44.17 2.09 0.00	48.39 2.13 0.00	44.54 1.97 0.00	39.89 1.81 0.00	36.32 1.56 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.61 1.31 -0.12	30.90 1.28 0.00	29.33 1.23 0.00	29.38 1.20 0.00	29.36 1.15 0.00	29.71 1.16 0.00	32.22 1.20 0.00	30.23 1.27 -0.01	29.44 1.24 0.00	29.39 1.32 0.00	29.43 1.44 0.00	29.45 1.50 0.00	34.23 1.50 -4.93	43.24 1.89 -8.36	46.94 1.70 -15.25	29.05 1.66 0.00	32.56 1.69 0.00	40.73 2.05 0.00	42.77 2.10 0.00	44.17 2.09 0.00	48.39 2.13 0.00	44.54 1.97 0.00	39.89 1.81 0.00	36.32 1.56 0.00
WHITEHAL_115KV_TB1 80871	30.98 1.80 0.00	31.32 1.70 0.00	29.73 1.63 0.00	29.80 1.62 0.00	29.86 1.65 0.00	30.22 1.67 0.00	32.74 1.72 0.00	30.27 1.33 0.00	29.36 1.16 0.00	28.91 0.84 0.00	28.80 0.81 0.00	28.70 0.74 0.00	31.90 0.61 -3.49	39.86 0.94 -5.93	41.70 0.83 -10.89	28.57 1.18 0.00	33.09 2.23 0.00	41.72 3.03 0.00	44.13 3.46 0.00	44.98 2.90 0.00	49.74 3.47 0.00	46.14 3.57 0.00	41.24 3.15 0.00	37.44 2.68 0.00
WHITEPLN_13_KV_LOAD 356215	30.82 1.64 0.00	31.22 1.60 0.00	29.64 1.54 0.00	29.67 1.49 0.00	29.65 1.44 0.00	30.01 1.46 0.00	32.55 1.52 0.00	30.54 1.59 0.00	29.80 1.60 0.00	29.77 1.70 0.00	29.82 1.83 0.00	29.85 1.89 0.00	34.46 1.89 -4.77	43.39 2.31 -8.09	46.82 2.07 -14.77	29.41 2.02 0.00	32.96 2.09 0.00	41.24 2.55 0.00	43.30 2.63 0.00	44.72 2.65 0.00	49.00 2.74 0.00	45.11 2.54 0.00	40.38 2.29 0.00	36.75 1.99 0.00
WM_FLOYD_69_KV_BK2 356380	38.65 2.03 -7.43	35.91 2.11 -4.18	31.97 2.06 -1.81	34.47 2.08 -4.20	31.98 2.00 -1.77	37.31 2.00 -6.76	32.82 1.79 0.00	30.90 1.96 0.00	29.94 1.73 0.00	29.98 1.55 -0.36	42.62 1.87 -12.76	44.65 1.91 -14.79	42.69 1.83 -13.06	45.48 1.54 -10.96	47.89 1.18 -16.72	30.55 1.40 -1.76	34.84 1.55 -2.42	44.78 2.15 -3.95	53.79 2.81 -10.31	49.36 2.66 -4.62	54.50 2.81 -5.42	57.60 2.99 -12.04	53.55 2.92 -12.55	46.12 2.55 -8.81
WOODARD_115KV_TB2 355635	28.49 -0.57 0.12	29.02 -0.60 0.00	27.53 -0.57 0.00	27.59 -0.60 0.00	27.61 -0.60 0.00	27.96 -0.59 0.00	30.38 -0.64 0.00	28.35 -0.58 0.01	27.66 -0.54 0.00	27.59 -0.48 0.00	27.54 -0.45 0.00	27.49 -0.47 0.00	22.87 -0.48 4.45	24.85 -0.59 7.54	15.66 -0.54 13.78	26.80 -0.58 0.00	30.19 -0.67 0.00	37.77 -0.91 0.00	39.66 -1.01 0.00	41.08 -0.99 0.00	45.15 -1.12 0.00	41.48 -1.10 0.00	37.08 -1.00 0.00	33.87 -0.89 0.00
WOODMERE_69_KV_BK1 55827	42.85 2.14 -11.53	35.99 2.19 -4.18	31.97 2.06 -1.81	34.41 2.02 -4.20	31.96 1.97 -1.77	37.31 2.00 -6.76	32.98 1.96 0.00	30.87 1.92 0.00	30.01 1.81 0.00	30.67 1.95 -0.65	53.19 2.30 -22.90	56.86 2.36 -26.55	49.76 2.30 -19.66	43.40 2.34 -8.07	46.73 2.01 -14.73	29.47 2.09 0.00	33.10 2.24 0.00	41.54 2.86 0.00	52.76 3.12 0.00	45.18 3.10 0.00	49.54 3.26 -0.01	56.77 3.13 -11.07	54.65 2.87 -13.70	53.10 2.53 -15.81
YORK___WARBASSE 23770	30.88 1.70 0.00	31.30 1.68 0.00	29.70 1.60 0.00	29.73 1.55 0.00	29.71 1.50 0.00	30.06 1.51 0.00	32.60 1.57 0.00	30.63 1.69 0.00	29.88 1.68 0.00	29.86 1.80 0.00	29.92 1.93 0.00	29.97 2.02 0.00	34.54 1.98 -4.76	43.50 2.43 -8.08	46.91 2.18 -14.74	29.52 2.13 0.00	33.00 2.13 0.00	41.24 2.56 0.00	43.25 2.58 0.00	44.65 2.57 0.00	48.86 2.59 -0.01	45.04 2.47 0.00	40.36 2.27 0.00	36.71 1.95 0.00