

ALBANY__2 23572	35.57 0.62 0.00	36.55 0.72 0.00	34.33 0.72 0.00	30.67 0.59 0.00	27.62 0.53 0.00	30.29 0.55 0.00	34.52 0.56 0.00	36.39 0.56 0.00	30.86 0.44 0.00	32.02 0.49 0.00	28.71 0.46 0.00	29.01 0.41 0.00	26.75 0.50 0.00	26.38 0.47 0.00	26.41 0.58 0.00	26.65 0.64 0.00	29.10 0.56 0.00	33.76 0.53 0.00	42.26 0.59 0.00	44.06 0.49 0.00	38.31 0.47 0.00	40.34 0.52 0.00	32.37 0.56 0.00	31.58 0.54 0.00
ALBANY__3 23573	35.57 0.62 0.00	36.55 0.72 0.00	34.33 0.72 0.00	30.67 0.59 0.00	27.62 0.53 0.00	30.29 0.55 0.00	34.52 0.56 0.00	36.39 0.56 0.00	30.86 0.44 0.00	32.02 0.49 0.00	28.71 0.46 0.00	29.01 0.41 0.00	26.75 0.50 0.00	26.38 0.47 0.00	26.41 0.58 0.00	26.65 0.64 0.00	29.10 0.56 0.00	33.76 0.53 0.00	42.26 0.59 0.00	44.06 0.49 0.00	38.31 0.47 0.00	40.34 0.52 0.00	32.37 0.56 0.00	31.58 0.54 0.00
ALBANY__4 23574	35.57 0.62 0.00	36.55 0.72 0.00	34.33 0.72 0.00	30.67 0.59 0.00	27.62 0.53 0.00	30.29 0.55 0.00	34.52 0.56 0.00	36.39 0.56 0.00	30.86 0.44 0.00	32.02 0.49 0.00	28.71 0.46 0.00	29.01 0.41 0.00	26.75 0.50 0.00	26.38 0.47 0.00	26.41 0.58 0.00	26.65 0.64 0.00	29.10 0.56 0.00	33.76 0.53 0.00	42.26 0.59 0.00	44.06 0.49 0.00	38.31 0.47 0.00	40.34 0.52 0.00	32.37 0.56 0.00	31.58 0.54 0.00
ALBANY__LFGE 323615	35.87 0.91 0.00	36.84 1.01 0.00	34.60 0.99 0.00	30.91 0.83 0.00	27.83 0.74 0.00	30.54 0.80 0.00	34.81 0.86 0.00	36.68 0.86 0.00	31.10 0.68 0.00	32.26 0.73 0.00	28.91 0.66 0.00	29.21 0.61 0.00	26.93 0.68 0.00	26.55 0.64 0.00	26.59 0.76 0.00	26.83 0.82 0.00	29.34 0.80 0.00	34.10 0.87 0.00	42.73 1.05 0.00	44.53 0.96 0.00	38.70 0.86 0.00	40.75 0.94 0.00	32.68 0.87 0.00	31.87 0.83 0.00
ALCOA_PA_115KV_PL-6C 55860	35.08 0.13 0.00	35.87 0.04 0.00	33.68 0.07 0.00	30.18 0.10 0.00	27.19 0.11 0.00	29.89 0.15 0.00	34.24 0.29 0.00	36.02 0.20 0.00	30.50 0.08 0.00	31.55 0.03 0.00	28.18 -0.07 0.00	28.57 -0.03 0.00	26.19 -0.07 0.00	25.81 -0.10 0.00	25.65 -0.19 0.00	25.84 -0.17 0.00	28.41 -0.13 0.00	33.22 -0.01 0.00	41.72 0.05 0.00	43.73 0.16 0.00	38.01 0.17 0.00	39.90 0.09 0.00	31.78 -0.03 0.00	31.00 -0.04 0.00
ALCOA_RYNLDS__DRP 24188	35.08 0.13 0.00	35.87 0.04 0.00	33.68 0.07 0.00	30.18 0.10 0.00	27.19 0.11 0.00	29.88 0.15 0.00	34.24 0.29 0.00	36.02 0.20 0.00	30.50 0.08 0.00	31.55 0.03 0.00	28.18 -0.07 0.00	28.57 -0.03 0.00	26.19 -0.07 0.00	25.81 -0.10 0.00	25.65 -0.19 0.00	25.84 -0.17 0.00	28.41 -0.13 0.00	33.22 -0.01 0.00	41.72 0.05 0.00	43.73 0.16 0.00	38.01 0.17 0.00	39.90 0.09 0.00	31.78 -0.03 0.00	31.00 -0.04 0.00
ALCOA__DSASP 323711	35.08 0.13 0.00	35.87 0.04 0.00	33.68 0.07 0.00	30.18 0.10 0.00	27.19 0.11 0.00	29.88 0.15 0.00	34.24 0.29 0.00	36.02 0.20 0.00	30.50 0.08 0.00	31.55 0.03 0.00	28.18 -0.07 0.00	28.57 -0.03 0.00	26.19 -0.07 0.00	25.81 -0.10 0.00	25.65 -0.19 0.00	25.84 -0.17 0.00	28.41 -0.13 0.00	33.22 -0.01 0.00	41.72 0.05 0.00	43.73 0.16 0.00	38.01 0.17 0.00	39.90 0.09 0.00	31.78 -0.03 0.00	31.00 -0.04 0.00
ALLEGHENY__COGEN 23514	35.43 0.48 0.00	35.96 0.13 0.00	33.60 -0.01 0.00	30.22 0.14 0.00	27.12 0.03 0.00	29.80 0.06 0.00	32.68 -0.01 1.26	36.01 0.19 0.00	30.74 0.32 0.00	31.15 -0.38 0.00	27.96 -0.29 0.00	28.80 0.19 0.00	26.05 -0.21 0.00	25.82 -0.09 0.00	25.48 -0.35 0.00	25.33 -0.68 0.00	27.88 -0.65 0.00	32.30 -0.93 0.00	40.56 -1.11 0.00	43.26 -0.32 0.00	37.81 -0.02 0.00	39.63 -0.18 0.00	31.55 -0.26 0.00	30.73 -0.31 0.00
ALTMONT_115KV_TB 2 55880	35.74 0.79 0.00	36.73 0.90 0.00	34.48 0.87 0.00	30.80 0.72 0.00	27.73 0.64 0.00	30.42 0.69 0.00	34.68 0.72 0.00	36.56 0.75 0.00	30.99 0.57 0.00	32.12 0.60 0.00	28.81 0.57 0.00	29.14 0.54 0.00	26.83 0.57 0.00	26.47 0.56 0.00	26.48 0.64 0.00	26.72 0.71 0.00	29.28 0.75 0.00	34.03 0.79 0.00	42.63 0.96 0.00	44.52 0.95 0.00	38.67 0.84 0.00	40.75 0.94 0.00	32.64 0.83 0.00	31.85 0.81 0.00
ALTONA_WT_PWR 323606	35.24 0.29 0.00	36.14 0.31 0.00	33.98 0.37 0.00	30.42 0.34 0.00	27.41 0.32 0.00	30.14 0.40 0.00	34.44 0.49 0.00	36.28 0.46 0.00	30.76 0.34 0.00	31.84 0.31 0.00	28.39 0.14 0.00	28.73 0.12 0.00	26.39 0.13 0.00	25.98 0.06 0.00	25.87 0.04 0.00	26.10 0.10 0.00	28.67 0.14 0.00	33.50 0.27 0.00	42.05 0.38 0.00	43.97 0.40 0.00	38.10 0.27 0.00	39.98 0.17 0.00	31.69 -0.12 0.00	30.87 -0.17 0.00
AMERICAN_REF_FUEL 24010	32.13 -2.82 0.00	32.46 -3.36 0.00	30.48 -3.13 0.00	27.57 -2.51 0.00	24.77 -2.31 0.00	27.01 -2.72 0.00	29.46 -3.49 1.00	32.31 -3.51 0.00	27.91 -2.51 0.00	29.08 -2.45 0.00	26.03 -2.22 0.00	26.84 -1.77 0.00	24.09 -2.16 0.00	23.96 -1.96 0.00	23.36 -2.47 0.00	22.82 -3.18 0.00	25.11 -3.43 0.00	29.29 -3.94 0.00	36.09 -5.59 0.00	37.84 -5.73 0.00	32.90 -4.94 0.00	34.66 -5.15 0.00	28.06 -3.75 0.00	27.92 -3.12 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	33.72 -1.24 0.00	34.21 -1.62 0.00	31.94 -1.67 0.00	28.84 -1.24 0.00	25.87 -1.22 0.00	28.43 -1.30 0.00	30.84 -1.92 1.18	34.09 -1.73 0.00	29.35 -1.07 0.00	30.47 -1.06 0.00	27.39 -0.85 0.00	28.21 -0.39 0.00	25.35 -0.90 0.00	25.21 -0.70 0.00	24.65 -1.18 0.00	24.28 -1.73 0.00	26.72 -1.82 0.00	31.30 -1.93 0.00	38.74 -2.94 0.00	40.62 -2.95 0.00	35.33 -2.51 0.00	36.98 -2.83 0.00	29.53 -2.28 0.00	29.02 -2.02 0.00
ARTHUR KILL_GT_1 23520	36.91 1.96 0.00	37.75 1.92 0.00	35.31 1.70 0.00	31.60 1.52 0.00	28.59 1.50 0.00	31.28 1.54 0.00	35.97 1.89 -0.13	37.88 2.06 0.00	32.33 1.91 0.00	33.67 2.15 0.00	30.24 1.99 0.00	30.57 1.96 0.00	28.14 1.89 0.00	27.94 2.03 0.00	27.94 2.11 0.00	28.13 2.12 0.00	30.88 2.35 0.00	35.85 2.62 0.00	44.58 2.91 0.00	46.43 2.86 0.00	40.47 2.63 0.00	42.52 2.71 0.00	34.06 2.25 0.00	33.23 2.19 0.00
ARTHUR_KILL_2 23512	36.83 1.88 0.00	37.66 1.83 0.00	35.22 1.61 0.00	31.53 1.45 0.00	28.53 1.44 0.00	31.20 1.46 0.00	35.87 1.79 -0.13	37.79 1.97 0.00	32.27 1.84 0.00	33.60 2.08 0.00	30.19 1.94 0.00	30.51 1.91 0.00	28.09 1.84 0.00	27.90 1.99 0.00	27.89 2.06 0.00	28.09 2.08 0.00	30.83 2.29 0.00	35.78 2.55 0.00	44.49 2.82 0.00	46.32 2.75 0.00	40.36 2.52 0.00	42.40 2.59 0.00	33.97 2.17 0.00	33.16 2.12 0.00
ARTHUR_KILL_3 23513	36.64 1.68 0.00	37.43 1.60 0.00	35.00 1.39 0.00	31.32 1.24 0.00	28.35 1.26 0.00	31.03 1.29 0.00	35.63 1.55 -0.13	37.55 1.73 0.00	32.10 1.68 0.00	33.42 1.90 0.00	30.06 1.81 0.00	30.39 1.79 0.00	27.99 1.73 0.00	27.79 1.88 0.00	27.81 1.98 0.00	27.99 1.99 0.00	30.73 2.19 0.00	35.65 2.41 0.00	44.34 2.67 0.00	46.08 2.51 0.00	40.02 2.19 0.00	42.06 2.25 0.00	33.72 1.91 0.00	32.87 1.83 0.00

ARTHUR_KILL_COGEN 323718	36.92 1.97 0.00	37.75 1.92 0.00	35.31 1.70 0.00	31.60 1.52 0.00	28.59 1.50 0.00	31.28 1.54 0.00	35.97 1.89 -0.13	37.88 2.06 0.00	32.33 1.91 0.00	33.68 2.15 0.00	30.24 2.00 0.00	30.56 1.96 0.00	28.14 1.89 0.00	27.95 2.04 0.00	27.94 2.11 0.00	28.13 2.12 0.00	30.88 2.35 0.00	35.85 2.62 0.00	44.59 2.91 0.00	46.43 2.86 0.00	40.47 2.63 0.00	42.52 2.71 0.00	34.06 2.26 0.00	33.23 2.19 0.00
ASHOKAN____ 23654	36.29 1.33 0.00	37.12 1.29 0.00	34.75 1.14 0.00	31.08 1.00 0.00	28.09 1.01 0.00	30.80 1.07 0.00	35.23 1.27 0.00	37.27 1.45 0.00	31.85 1.43 0.00	33.18 1.65 0.00	29.67 1.42 0.00	29.98 1.38 0.00	27.63 1.37 0.00	27.35 1.44 0.00	27.39 1.56 0.00	27.47 1.46 0.00	30.05 1.52 0.00	34.91 1.68 0.00	43.68 2.01 0.00	45.68 2.11 0.00	39.75 1.91 0.00	41.80 1.99 0.00	33.46 1.66 0.00	32.61 1.57 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.69 1.74 0.00	37.50 1.68 0.00	35.10 1.49 0.00	31.40 1.32 0.00	28.45 1.37 0.00	31.01 1.28 0.00	35.69 1.61 -0.13	37.62 1.80 0.00	32.19 1.77 0.00	33.50 1.98 0.00	30.09 1.84 0.00	30.41 1.81 0.00	28.03 1.78 0.00	27.91 2.00 0.00	27.81 1.98 0.00	27.99 1.98 0.00	30.70 2.17 0.00	35.61 2.38 0.00	44.25 2.57 0.00	45.92 2.35 0.00	39.96 2.13 0.00	41.97 2.17 0.00	33.70 1.89 0.00	32.81 1.77 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.69 1.74 0.00	37.50 1.68 0.00	35.10 1.49 0.00	31.40 1.32 0.00	28.45 1.37 0.00	31.01 1.28 0.00	35.69 1.61 -0.13	37.62 1.80 0.00	32.19 1.77 0.00	33.50 1.98 0.00	30.09 1.84 0.00	30.41 1.81 0.00	28.03 1.78 0.00	27.91 2.00 0.00	27.81 1.98 0.00	27.99 1.98 0.00	30.70 2.17 0.00	35.61 2.38 0.00	44.25 2.57 0.00	45.92 2.35 0.00	39.96 2.13 0.00	41.97 2.17 0.00	33.70 1.89 0.00	32.81 1.77 0.00
ASTORIA_GT2_1 24094	36.71 1.76 0.00	37.52 1.69 0.00	35.13 1.51 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.02 1.29 0.00	35.71 1.63 -0.13	37.65 1.83 0.00	32.21 1.79 0.00	33.51 1.98 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.03 1.78 0.00	27.89 1.97 0.00	27.82 1.99 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.19 0.00	33.72 1.91 0.00	32.82 1.78 0.00
ASTORIA_GT2_2 24095	36.71 1.76 0.00	37.52 1.69 0.00	35.13 1.51 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.02 1.29 0.00	35.71 1.63 -0.13	37.65 1.83 0.00	32.21 1.79 0.00	33.51 1.98 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.03 1.78 0.00	27.89 1.97 0.00	27.82 1.99 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.19 0.00	33.72 1.91 0.00	32.82 1.78 0.00
ASTORIA_GT2_3 24096	36.71 1.76 0.00	37.52 1.69 0.00	35.13 1.51 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.02 1.29 0.00	35.71 1.63 -0.13	37.65 1.83 0.00	32.21 1.79 0.00	33.51 1.98 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.03 1.78 0.00	27.89 1.97 0.00	27.82 1.99 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.19 0.00	33.72 1.91 0.00	32.82 1.78 0.00
ASTORIA_GT2_4 24097	36.71 1.76 0.00	37.52 1.69 0.00	35.13 1.51 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.02 1.29 0.00	35.71 1.63 -0.13	37.65 1.83 0.00	32.21 1.79 0.00	33.51 1.98 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.03 1.78 0.00	27.89 1.97 0.00	27.82 1.99 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.19 0.00	33.72 1.91 0.00	32.82 1.78 0.00
ASTORIA_GT3_1 24098	36.71 1.76 0.00	37.52 1.69 0.00	35.13 1.51 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.02 1.29 0.00	35.71 1.63 -0.13	37.65 1.83 0.00	32.21 1.79 0.00	33.51 1.98 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.03 1.78 0.00	27.89 1.97 0.00	27.82 1.99 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.19 0.00	33.72 1.91 0.00	32.82 1.78 0.00
ASTORIA_GT3_2 24099	36.71 1.76 0.00	37.52 1.69 0.00	35.13 1.51 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.02 1.29 0.00	35.71 1.63 -0.13	37.65 1.83 0.00	32.21 1.79 0.00	33.51 1.98 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.03 1.78 0.00	27.89 1.97 0.00	27.82 1.99 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.19 0.00	33.72 1.91 0.00	32.82 1.78 0.00
ASTORIA_GT3_3 24100	36.71 1.76 0.00	37.52 1.69 0.00	35.13 1.51 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.02 1.29 0.00	35.71 1.63 -0.13	37.65 1.83 0.00	32.21 1.79 0.00	33.51 1.98 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.03 1.78 0.00	27.89 1.97 0.00	27.82 1.99 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.19 0.00	33.72 1.91 0.00	32.82 1.78 0.00
ASTORIA_GT3_4 24101	36.71 1.76 0.00	37.52 1.69 0.00	35.13 1.51 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.02 1.29 0.00	35.71 1.63 -0.13	37.65 1.83 0.00	32.21 1.79 0.00	33.51 1.98 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.03 1.78 0.00	27.89 1.97 0.00	27.82 1.99 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.19 0.00	33.72 1.91 0.00	32.82 1.78 0.00
ASTORIA_GT4_1 24102	36.71 1.76 0.00	37.52 1.69 0.00	35.13 1.51 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.02 1.29 0.00	35.71 1.63 -0.13	37.65 1.83 0.00	32.21 1.79 0.00	33.51 1.98 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.03 1.78 0.00	27.89 1.97 0.00	27.82 1.99 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.19 0.00	33.72 1.91 0.00	32.82 1.78 0.00
ASTORIA_GT4_2 24103	36.71 1.76 0.00	37.52 1.69 0.00	35.13 1.51 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.02 1.29 0.00	35.71 1.63 -0.13	37.65 1.83 0.00	32.21 1.79 0.00	33.51 1.98 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.03 1.78 0.00	27.89 1.97 0.00	27.82 1.99 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.19 0.00	33.72 1.91 0.00	32.82 1.78 0.00
ASTORIA_GT4_3 24104	36.71 1.76 0.00	37.52 1.69 0.00	35.13 1.51 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.02 1.29 0.00	35.71 1.63 -0.13	37.65 1.83 0.00	32.21 1.79 0.00	33.51 1.98 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.03 1.78 0.00	27.89 1.97 0.00	27.82 1.99 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.19 0.00	33.72 1.91 0.00	32.82 1.78 0.00

ASTORIA_GT4_4 24105	36.71 1.76 0.00	37.52 1.69 0.00	35.13 1.51 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.02 1.29 0.00	35.71 1.63 -0.13	37.65 1.83 0.00	32.21 1.79 0.00	33.51 1.98 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.03 1.78 0.00	27.89 1.97 0.00	27.82 1.99 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.19 0.00	33.72 1.91 0.00	32.82 1.78 0.00
ASTORIA_GT_1 23523	36.76 1.81 0.00	37.58 1.75 0.00	35.17 1.56 0.00	31.45 1.37 0.00	28.50 1.41 0.00	31.07 1.34 0.00	35.77 1.69 -0.13	37.72 1.90 0.00	32.27 1.85 0.00	33.58 2.06 0.00	30.16 1.92 0.00	30.48 1.88 0.00	28.09 1.83 0.00	27.94 2.03 0.00	27.88 2.04 0.00	28.06 2.05 0.00	30.78 2.24 0.00	35.70 2.47 0.00	44.36 2.68 0.00	46.02 2.45 0.00	40.06 2.22 0.00	42.07 2.26 0.00	33.78 1.97 0.00	32.87 1.84 0.00
ASTORIA_GT_10 24110	36.70 1.75 0.00	37.52 1.69 0.00	35.11 1.50 0.00	31.43 1.35 0.00	28.46 1.38 0.00	31.11 1.37 0.00	35.72 1.64 -0.13	37.65 1.83 0.00	32.22 1.80 0.00	33.53 2.00 0.00	30.17 1.93 0.00	30.49 1.88 0.00	28.08 1.82 0.00	27.89 1.98 0.00	27.88 2.05 0.00	28.06 2.06 0.00	30.77 2.23 0.00	35.71 2.48 0.00	44.37 2.70 0.00	46.05 2.48 0.00	40.04 2.20 0.00	42.09 2.28 0.00	33.78 1.97 0.00	32.91 1.87 0.00
ASTORIA_GT_11 24225	36.70 1.75 0.00	37.52 1.69 0.00	35.11 1.50 0.00	31.43 1.35 0.00	28.46 1.38 0.00	31.11 1.37 0.00	35.72 1.64 -0.13	37.65 1.83 0.00	32.22 1.80 0.00	33.53 2.00 0.00	30.17 1.93 0.00	30.49 1.88 0.00	28.08 1.82 0.00	27.89 1.98 0.00	27.88 2.05 0.00	28.06 2.06 0.00	30.77 2.23 0.00	35.71 2.48 0.00	44.37 2.70 0.00	46.05 2.48 0.00	40.04 2.20 0.00	42.09 2.28 0.00	33.78 1.97 0.00	32.91 1.87 0.00
ASTORIA_GT_12 24226	36.70 1.75 0.00	37.52 1.69 0.00	35.11 1.50 0.00	31.43 1.35 0.00	28.46 1.38 0.00	31.11 1.37 0.00	35.72 1.64 -0.13	37.65 1.83 0.00	32.22 1.80 0.00	33.53 2.00 0.00	30.17 1.93 0.00	30.49 1.88 0.00	28.08 1.82 0.00	27.89 1.98 0.00	27.88 2.05 0.00	28.06 2.06 0.00	30.77 2.23 0.00	35.71 2.48 0.00	44.37 2.70 0.00	46.05 2.48 0.00	40.04 2.20 0.00	42.09 2.28 0.00	33.78 1.97 0.00	32.91 1.87 0.00
ASTORIA_GT_13 24227	36.70 1.75 0.00	37.52 1.69 0.00	35.11 1.50 0.00	31.43 1.35 0.00	28.46 1.38 0.00	31.11 1.37 0.00	35.72 1.64 -0.13	37.65 1.83 0.00	32.22 1.80 0.00	33.53 2.00 0.00	30.17 1.93 0.00	30.49 1.88 0.00	28.08 1.82 0.00	27.89 1.98 0.00	27.88 2.05 0.00	28.06 2.06 0.00	30.77 2.23 0.00	35.71 2.48 0.00	44.37 2.70 0.00	46.05 2.48 0.00	40.04 2.20 0.00	42.09 2.28 0.00	33.78 1.97 0.00	32.91 1.87 0.00
ASTORIA_GT_5 24106	36.76 1.81 0.00	37.58 1.75 0.00	35.17 1.56 0.00	31.45 1.37 0.00	28.50 1.41 0.00	31.07 1.34 0.00	35.77 1.69 -0.13	37.72 1.90 0.00	32.27 1.85 0.00	33.58 2.06 0.00	30.16 1.92 0.00	30.48 1.88 0.00	28.09 1.83 0.00	27.94 2.03 0.00	27.88 2.04 0.00	28.06 2.05 0.00	30.78 2.24 0.00	35.70 2.47 0.00	44.36 2.68 0.00	46.02 2.45 0.00	40.06 2.22 0.00	42.07 2.26 0.00	33.78 1.97 0.00	32.87 1.84 0.00
ASTORIA_GT_7 24107	36.76 1.81 0.00	37.58 1.75 0.00	35.17 1.56 0.00	31.45 1.37 0.00	28.50 1.41 0.00	31.07 1.34 0.00	35.77 1.69 -0.13	37.72 1.90 0.00	32.27 1.85 0.00	33.58 2.06 0.00	30.16 1.92 0.00	30.48 1.88 0.00	28.09 1.83 0.00	27.94 2.03 0.00	27.88 2.04 0.00	28.06 2.05 0.00	30.78 2.24 0.00	35.70 2.47 0.00	44.36 2.68 0.00	46.02 2.45 0.00	40.06 2.22 0.00	42.07 2.26 0.00	33.78 1.97 0.00	32.87 1.84 0.00
ASTORIA_GT_8 24108	36.76 1.81 0.00	37.58 1.75 0.00	35.17 1.56 0.00	31.45 1.37 0.00	28.50 1.41 0.00	31.07 1.34 0.00	35.77 1.69 -0.13	37.72 1.90 0.00	32.27 1.85 0.00	33.58 2.06 0.00	30.16 1.92 0.00	30.48 1.88 0.00	28.09 1.83 0.00	27.94 2.03 0.00	27.88 2.04 0.00	28.06 2.05 0.00	30.78 2.24 0.00	35.70 2.47 0.00	44.36 2.68 0.00	46.02 2.45 0.00	40.06 2.22 0.00	42.07 2.26 0.00	33.78 1.97 0.00	32.87 1.84 0.00
ASTORIA___2 24149	36.72 1.76 0.00	37.52 1.69 0.00	35.13 1.52 0.00	31.41 1.33 0.00	28.47 1.38 0.00	31.03 1.30 0.00	35.71 1.63 -0.13	37.64 1.82 0.00	32.21 1.79 0.00	33.51 1.99 0.00	30.11 1.86 0.00	30.42 1.82 0.00	28.05 1.79 0.00	27.92 2.00 0.00	27.82 1.99 0.00	28.00 2.00 0.00	30.72 2.18 0.00	35.63 2.40 0.00	44.27 2.60 0.00	45.93 2.36 0.00	39.98 2.15 0.00	42.00 2.20 0.00	33.72 1.91 0.00	32.82 1.79 0.00
ASTORIA___3 23516	36.71 1.76 0.00	37.52 1.69 0.00	35.11 1.50 0.00	31.44 1.36 0.00	28.46 1.37 0.00	31.11 1.38 0.00	35.72 1.64 -0.13	37.65 1.83 0.00	32.22 1.80 0.00	33.52 2.00 0.00	30.18 1.93 0.00	30.49 1.88 0.00	28.08 1.82 0.00	27.90 1.98 0.00	27.88 2.05 0.00	28.06 2.05 0.00	30.77 2.23 0.00	35.71 2.48 0.00	44.37 2.70 0.00	46.05 2.47 0.00	40.04 2.20 0.00	42.09 2.28 0.00	33.77 1.97 0.00	32.91 1.87 0.00
ASTORIA___4 23517	36.70 1.75 0.00	37.52 1.69 0.00	35.11 1.50 0.00	31.43 1.35 0.00	28.46 1.38 0.00	31.11 1.37 0.00	35.72 1.64 -0.13	37.65 1.83 0.00	32.22 1.80 0.00	33.53 2.00 0.00	30.17 1.93 0.00	30.49 1.88 0.00	28.08 1.82 0.00	27.89 1.98 0.00	27.88 2.05 0.00	28.06 2.06 0.00	30.77 2.23 0.00	35.71 2.48 0.00	44.37 2.70 0.00	46.05 2.48 0.00	40.04 2.20 0.00	42.09 2.28 0.00	33.78 1.97 0.00	32.91 1.87 0.00
ASTORIA___5 23518	36.71 1.76 0.00	37.52 1.69 0.00	35.11 1.50 0.00	31.44 1.36 0.00	28.46 1.37 0.00	31.11 1.38 0.00	35.72 1.64 -0.13	37.65 1.83 0.00	32.22 1.80 0.00	33.52 2.00 0.00	30.18 1.93 0.00	30.49 1.88 0.00	28.08 1.82 0.00	27.90 1.98 0.00	27.88 2.05 0.00	28.06 2.05 0.00	30.77 2.23 0.00	35.71 2.48 0.00	44.37 2.70 0.00	46.05 2.47 0.00	40.04 2.20 0.00	42.09 2.28 0.00	33.77 1.97 0.00	32.91 1.87 0.00
AST_ENERGY_2_CC3 323677	36.66 1.71 0.00	37.47 1.64 0.00	35.04 1.42 0.00	31.36 1.28 0.00	28.40 1.31 0.00	31.08 1.34 0.00	35.66 1.59 -0.13	37.58 1.76 0.00	32.14 1.72 0.00	33.45 1.93 0.00	30.09 1.85 0.00	30.42 1.81 0.00	28.01 1.76 0.00	27.81 1.90 0.00	27.83 2.00 0.00	28.02 2.01 0.00	30.73 2.19 0.00	35.66 2.43 0.00	44.35 2.68 0.00	46.07 2.50 0.00	40.03 2.19 0.00	42.09 2.28 0.00	33.75 1.94 0.00	32.89 1.86 0.00
AST_ENERGY_2_CC4 323678	36.66 1.71 0.00	37.47 1.64 0.00	35.04 1.42 0.00	31.36 1.28 0.00	28.40 1.31 0.00	31.08 1.34 0.00	35.66 1.59 -0.13	37.58 1.76 0.00	32.14 1.72 0.00	33.45 1.93 0.00	30.09 1.85 0.00	30.42 1.81 0.00	28.01 1.76 0.00	27.81 1.90 0.00	27.83 2.00 0.00	28.02 2.01 0.00	30.73 2.19 0.00	35.66 2.43 0.00	44.35 2.68 0.00	46.07 2.50 0.00	40.03 2.19 0.00	42.09 2.28 0.00	33.75 1.94 0.00	32.89 1.86 0.00

ATHENS_STG_1 23668	35.85 0.89 0.00	36.84 1.02 0.00	34.54 0.93 0.00	30.86 0.78 0.00	27.80 0.71 0.00	30.45 0.72 0.00	34.72 0.77 0.00	36.66 0.84 0.00	31.19 0.76 0.00	32.37 0.84 0.00	29.10 0.86 0.00	29.44 0.84 0.00	27.11 0.85 0.00	26.79 0.88 0.00	26.80 0.97 0.00	27.05 1.04 0.00	29.70 1.17 0.00	34.49 1.26 0.00	43.08 1.40 0.00	44.88 1.31 0.00	38.96 1.12 0.00	41.05 1.24 0.00	32.88 1.07 0.00	32.08 1.04 0.00
ATHENS_STG_2 23670	35.85 0.89 0.00	36.84 1.02 0.00	34.54 0.93 0.00	30.86 0.78 0.00	27.80 0.71 0.00	30.45 0.72 0.00	34.72 0.77 0.00	36.66 0.84 0.00	31.19 0.76 0.00	32.37 0.84 0.00	29.10 0.86 0.00	29.44 0.84 0.00	27.11 0.85 0.00	26.79 0.88 0.00	26.80 0.97 0.00	27.05 1.04 0.00	29.70 1.17 0.00	34.49 1.26 0.00	43.08 1.40 0.00	44.88 1.31 0.00	38.96 1.12 0.00	41.05 1.24 0.00	32.88 1.07 0.00	32.08 1.04 0.00
ATHENS_STG_3 23677	35.85 0.89 0.00	36.84 1.02 0.00	34.54 0.93 0.00	30.86 0.78 0.00	27.80 0.71 0.00	30.45 0.72 0.00	34.72 0.77 0.00	36.66 0.84 0.00	31.19 0.76 0.00	32.37 0.84 0.00	29.10 0.86 0.00	29.44 0.84 0.00	27.11 0.85 0.00	26.79 0.88 0.00	26.80 0.97 0.00	27.05 1.04 0.00	29.70 1.17 0.00	34.49 1.26 0.00	43.08 1.40 0.00	44.88 1.31 0.00	38.96 1.12 0.00	41.05 1.24 0.00	32.88 1.07 0.00	32.08 1.04 0.00
AUBURN___LFGE 323710	34.77 -0.18 0.00	35.56 -0.26 0.00	33.32 -0.29 0.00	29.86 -0.22 0.00	26.90 -0.19 0.00	29.59 -0.14 0.00	33.44 -0.18 0.32	35.66 -0.16 0.00	30.31 -0.11 0.00	31.34 -0.19 0.00	28.01 -0.24 0.00	28.30 -0.30 0.00	25.84 -0.41 0.00	25.53 -0.38 0.00	25.41 -0.42 0.00	25.49 -0.52 0.00	27.96 -0.57 0.00	32.69 -0.54 0.00	41.20 -0.48 0.00	43.31 -0.26 0.00	37.63 -0.21 0.00	39.54 -0.27 0.00	31.58 -0.23 0.00	30.79 -0.25 0.00
BABYLON_RES_REC 323704	37.07 2.12 0.00	38.02 2.19 0.00	35.58 1.97 0.00	31.85 1.77 0.00	32.65 1.80 -3.77	32.15 1.86 -0.55	35.95 1.84 -0.16	38.15 2.01 -0.33	33.64 2.21 -1.00	33.74 2.21 0.00	30.35 2.10 0.00	30.48 1.87 0.00	27.86 1.60 0.00	27.59 1.67 0.00	27.71 1.88 0.00	27.86 1.85 0.00	30.68 2.14 0.00	35.78 2.50 -0.05	45.12 2.66 -0.78	46.82 2.42 -0.83	40.46 2.04 -0.58	42.30 2.37 -0.12	34.51 2.31 -0.39	42.54 2.39 -9.11
BALL_HILL_WT_PWR 323825	33.27 -1.68 0.00	33.69 -2.14 0.00	31.49 -2.12 0.00	28.45 -1.62 0.00	25.51 -1.58 0.00	27.96 -1.77 0.00	30.38 -2.42 1.15	33.50 -2.32 0.00	28.90 -1.52 0.00	30.08 -1.44 0.00	27.01 -1.24 0.00	27.82 -0.78 0.00	25.02 -1.24 0.00	24.90 -1.01 0.00	24.34 -1.49 0.00	23.96 -2.05 0.00	26.36 -2.17 0.00	30.83 -2.41 0.00	38.13 -3.55 0.00	39.95 -3.62 0.00	34.70 -3.14 0.00	36.39 -3.42 0.00	29.21 -2.60 0.00	28.76 -2.27 0.00
BARON_WINDS___WT_PWR 323822	33.66 -1.30 0.00	34.19 -1.63 0.00	31.86 -1.75 0.00	28.61 -1.47 0.00	25.55 -1.54 0.00	28.01 -1.73 0.00	29.77 -2.31 1.87	33.61 -2.21 0.00	29.01 -1.42 0.00	29.88 -1.64 0.00	27.05 -1.20 0.00	27.76 -0.84 0.00	25.08 -1.17 0.00	24.95 -0.97 0.00	24.69 -1.14 0.00	24.59 -1.41 0.00	26.95 -1.59 0.00	31.39 -1.84 0.00	39.33 -2.35 0.00	41.26 -2.31 0.00	35.65 -2.19 0.00	37.27 -2.54 0.00	29.70 -2.11 0.00	28.85 -2.19 0.00
BARRETT_IC_1 23704	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11
BARRETT_IC_10 23701	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11
BARRETT_IC_11 23702	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11
BARRETT_IC_12 23703	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11
BARRETT_IC_2 23705	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11
BARRETT_IC_3 23706	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11
BARRETT_IC_4 23707	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11
BARRETT_IC_5 23708	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11

BARRETT_IC_6 23709	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11
BARRETT_IC_7 23710	36.75 1.81 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.69 1.61 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.51 1.69 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.98 0.00	30.45 1.84 0.00	27.89 1.64 0.00	27.63 1.72 0.00	27.75 1.92 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.20 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.13 -0.19	42.36 2.21 -9.11
BARRETT_IC_8 23711	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11
BARRETT_IC_9 23700	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11
BARRETT__1 23545	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11
BARRETT__2 23546	36.75 1.80 0.00	37.79 1.96 0.00	35.42 1.81 0.00	31.70 1.62 0.00	32.50 1.64 -3.77	31.88 1.60 -0.55	35.62 1.54 -0.13	37.50 1.68 0.00	33.32 1.90 -1.00	33.60 2.07 0.00	30.23 1.99 0.00	30.44 1.84 0.00	27.89 1.63 0.00	27.63 1.72 0.00	27.75 1.91 0.00	27.83 1.83 0.00	30.57 2.04 0.00	35.57 2.34 0.00	44.11 2.43 0.00	45.77 2.19 0.00	39.69 1.85 0.00	41.91 2.10 0.00	34.14 2.14 -0.19	42.36 2.21 -9.11
BATAVIA__115KV_TB1 55881	33.86 -1.09 0.00	34.27 -1.56 0.00	32.13 -1.47 0.00	29.01 -1.07 0.00	26.10 -0.99 0.00	28.59 -1.14 0.00	31.62 -1.49 0.85	34.47 -1.35 0.00	29.57 -0.85 0.00	30.52 -1.01 0.00	27.23 -1.02 0.00	27.98 -0.62 0.00	25.31 -0.94 0.00	25.04 -0.88 0.00	24.54 -1.29 0.00	24.21 -1.79 0.00	26.64 -1.90 0.00	30.77 -2.46 0.00	38.42 -3.25 0.00	40.61 -2.96 0.00	35.46 -2.38 0.00	37.28 -2.53 0.00	29.98 -1.82 0.00	29.56 -1.47 0.00
BAYONEEC__CTG1 323682	36.70 1.74 0.00	37.50 1.68 0.00	35.07 1.45 0.00	31.39 1.31 0.00	28.41 1.32 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.62 1.80 0.00	32.17 1.75 0.00	33.49 1.97 0.00	30.13 1.88 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.92 0.00	27.86 2.03 0.00	28.05 2.04 0.00	30.77 2.23 0.00	35.71 2.47 0.00	44.40 2.73 0.00	46.13 2.56 0.00	40.09 2.25 0.00	42.14 2.33 0.00	33.78 1.98 0.00	32.93 1.90 0.00
BAYONEEC__CTG10 323750	36.70 1.74 0.00	37.50 1.68 0.00	35.07 1.45 0.00	31.39 1.31 0.00	28.41 1.32 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.62 1.80 0.00	32.17 1.75 0.00	33.49 1.97 0.00	30.13 1.88 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.92 0.00	27.86 2.03 0.00	28.05 2.04 0.00	30.77 2.23 0.00	35.71 2.47 0.00	44.40 2.73 0.00	46.13 2.56 0.00	40.09 2.25 0.00	42.14 2.33 0.00	33.78 1.98 0.00	32.93 1.90 0.00
BAYONEEC__CTG2 323683	36.70 1.74 0.00	37.50 1.68 0.00	35.07 1.45 0.00	31.39 1.31 0.00	28.41 1.32 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.62 1.80 0.00	32.17 1.75 0.00	33.49 1.97 0.00	30.13 1.88 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.92 0.00	27.86 2.03 0.00	28.05 2.04 0.00	30.77 2.23 0.00	35.71 2.47 0.00	44.40 2.73 0.00	46.13 2.56 0.00	40.09 2.25 0.00	42.14 2.33 0.00	33.78 1.98 0.00	32.93 1.90 0.00
BAYONEEC__CTG3 323684	36.70 1.74 0.00	37.50 1.68 0.00	35.07 1.45 0.00	31.39 1.31 0.00	28.41 1.32 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.62 1.80 0.00	32.17 1.75 0.00	33.49 1.97 0.00	30.13 1.88 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.92 0.00	27.86 2.03 0.00	28.05 2.04 0.00	30.77 2.23 0.00	35.71 2.47 0.00	44.40 2.73 0.00	46.13 2.56 0.00	40.09 2.25 0.00	42.14 2.33 0.00	33.78 1.98 0.00	32.93 1.90 0.00
BAYONEEC__CTG4 323685	36.70 1.74 0.00	37.50 1.68 0.00	35.07 1.45 0.00	31.39 1.31 0.00	28.41 1.32 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.62 1.80 0.00	32.17 1.75 0.00	33.49 1.97 0.00	30.13 1.88 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.92 0.00	27.86 2.03 0.00	28.05 2.04 0.00	30.77 2.23 0.00	35.71 2.47 0.00	44.40 2.73 0.00	46.13 2.56 0.00	40.09 2.25 0.00	42.14 2.33 0.00	33.78 1.98 0.00	32.93 1.90 0.00
BAYONEEC__CTG5 323686	36.70 1.74 0.00	37.50 1.68 0.00	35.07 1.45 0.00	31.39 1.31 0.00	28.41 1.32 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.62 1.80 0.00	32.17 1.75 0.00	33.49 1.97 0.00	30.13 1.88 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.92 0.00	27.86 2.03 0.00	28.05 2.04 0.00	30.77 2.23 0.00	35.71 2.47 0.00	44.40 2.73 0.00	46.13 2.56 0.00	40.09 2.25 0.00	42.14 2.33 0.00	33.78 1.98 0.00	32.93 1.90 0.00
BAYONEEC__CTG6 323687	36.70 1.74 0.00	37.50 1.68 0.00	35.07 1.45 0.00	31.39 1.31 0.00	28.41 1.32 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.62 1.80 0.00	32.17 1.75 0.00	33.49 1.97 0.00	30.13 1.88 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.92 0.00	27.86 2.03 0.00	28.05 2.04 0.00	30.77 2.23 0.00	35.71 2.47 0.00	44.40 2.73 0.00	46.13 2.56 0.00	40.09 2.25 0.00	42.14 2.33 0.00	33.78 1.98 0.00	32.93 1.90 0.00
BAYONEEC__CTG7 323688	36.70 1.74 0.00	37.50 1.68 0.00	35.07 1.45 0.00	31.39 1.31 0.00	28.41 1.32 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.62 1.80 0.00	32.17 1.75 0.00	33.49 1.97 0.00	30.13 1.88 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.92 0.00	27.86 2.03 0.00	28.05 2.04 0.00	30.77 2.23 0.00	35.71 2.47 0.00	44.40 2.73 0.00	46.13 2.56 0.00	40.09 2.25 0.00	42.14 2.33 0.00	33.78 1.98 0.00	32.93 1.90 0.00

BAYONEEC___CTG8 323689	36.70 1.74 0.00	37.50 1.68 0.00	35.07 1.45 0.00	31.39 1.31 0.00	28.41 1.32 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.62 1.80 0.00	32.17 1.75 0.00	33.49 1.97 0.00	30.13 1.88 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.92 0.00	27.86 2.03 0.00	28.05 2.04 0.00	30.77 2.23 0.00	35.71 2.47 0.00	44.40 2.73 0.00	46.13 2.56 0.00	40.09 2.25 0.00	42.14 2.33 0.00	33.78 1.98 0.00	32.93 1.90 0.00
BAYONEEC___CTG9 323749	36.70 1.74 0.00	37.50 1.68 0.00	35.07 1.45 0.00	31.39 1.31 0.00	28.41 1.32 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.62 1.80 0.00	32.17 1.75 0.00	33.49 1.97 0.00	30.13 1.88 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.92 0.00	27.86 2.03 0.00	28.05 2.04 0.00	30.77 2.23 0.00	35.71 2.47 0.00	44.40 2.73 0.00	46.13 2.56 0.00	40.09 2.25 0.00	42.14 2.33 0.00	33.78 1.98 0.00	32.93 1.90 0.00
BEACON___LESR 323632	36.04 1.08 0.00	37.00 1.18 0.00	34.73 1.12 0.00	31.01 0.93 0.00	27.93 0.84 0.00	30.68 0.94 0.00	34.99 1.03 0.00	36.89 1.07 0.00	31.24 0.82 0.00	32.37 0.84 0.00	28.97 0.73 0.00	29.27 0.67 0.00	26.98 0.72 0.00	26.56 0.64 0.00	26.63 0.80 0.00	26.88 0.87 0.00	29.43 0.89 0.00	34.24 1.01 0.00	42.99 1.32 0.00	44.84 1.27 0.00	38.99 1.15 0.00	41.04 1.23 0.00	32.89 1.08 0.00	32.07 1.03 0.00
BEAVER RIVER___HYD 24048	33.55 -1.40 0.00	34.21 -1.62 0.00	32.23 -1.38 0.00	28.73 -1.35 0.00	26.01 -1.08 0.00	28.74 -1.00 0.00	33.22 -0.73 0.00	34.64 -1.18 0.00	28.80 -1.63 0.00	29.73 -1.80 0.00	26.50 -1.74 0.00	26.72 -1.89 0.00	24.53 -1.73 0.00	24.18 -1.74 0.00	24.06 -1.77 0.00	24.22 -1.79 0.00	26.46 -2.08 0.00	30.98 -2.25 0.00	39.51 -2.17 0.00	42.19 -1.38 0.00	36.98 -0.86 0.00	38.63 -1.18 0.00	30.58 -1.22 0.00	29.54 -1.49 0.00
BEEBEE_GT_13 23619	34.49 -0.46 0.00	35.07 -0.76 0.00	32.87 -0.74 0.00	29.56 -0.52 0.00	26.62 -0.46 0.00	29.22 -0.52 0.00	32.70 -0.66 0.59	35.28 -0.54 0.00	30.16 -0.26 0.00	31.30 -0.22 0.00	28.03 -0.22 0.00	28.64 0.04 0.00	25.95 -0.30 0.00	25.66 -0.25 0.00	25.29 -0.54 0.00	25.09 -0.92 0.00	27.61 -0.92 0.00	32.19 -1.05 0.00	40.25 -1.43 0.00	42.18 -1.39 0.00	36.66 -1.18 0.00	38.53 -1.28 0.00	30.83 -0.98 0.00	30.20 -0.84 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.02 2.07 0.00	37.84 2.01 0.00	35.38 1.77 0.00	31.65 1.57 0.00	28.64 1.56 0.00	31.33 1.59 0.00	36.01 1.93 -0.13	37.97 2.15 0.00	32.47 2.05 0.00	33.82 2.29 0.00	30.41 2.16 0.00	30.75 2.15 0.00	28.30 2.05 0.00	28.11 2.20 0.00	28.11 2.28 0.00	28.29 2.29 0.00	31.05 2.51 0.00	36.04 2.81 0.00	44.79 3.11 0.00	46.58 3.01 0.00	40.50 2.66 0.00	42.55 2.74 0.00	34.10 2.29 0.00	33.25 2.21 0.00
BETHLEHEM___GRP 23843	35.57 0.62 0.00	36.55 0.72 0.00	34.33 0.72 0.00	30.67 0.59 0.00	27.62 0.53 0.00	30.29 0.55 0.00	34.52 0.56 0.00	36.39 0.56 0.00	30.86 0.44 0.00	32.02 0.49 0.00	28.71 0.46 0.00	29.01 0.41 0.00	26.75 0.50 0.00	26.38 0.47 0.00	26.41 0.58 0.00	26.65 0.64 0.00	29.10 0.56 0.00	33.76 0.53 0.00	42.26 0.59 0.00	44.06 0.49 0.00	38.31 0.47 0.00	40.34 0.52 0.00	32.37 0.56 0.00	31.58 0.54 0.00
BETHLEHEM___GS1 323560	35.57 0.62 0.00	36.55 0.72 0.00	34.33 0.72 0.00	30.67 0.59 0.00	27.62 0.53 0.00	30.29 0.55 0.00	34.51 0.56 0.00	36.38 0.56 0.00	30.86 0.44 0.00	32.02 0.49 0.00	28.71 0.46 0.00	29.02 0.41 0.00	26.75 0.50 0.00	26.38 0.47 0.00	26.41 0.58 0.00	26.65 0.64 0.00	29.10 0.56 0.00	33.76 0.53 0.00	42.26 0.59 0.00	44.06 0.49 0.00	38.31 0.47 0.00	40.34 0.52 0.00	32.37 0.56 0.00	31.58 0.54 0.00
BETHLEHEM___GS2 323561	35.57 0.62 0.00	36.55 0.72 0.00	34.33 0.72 0.00	30.67 0.59 0.00	27.62 0.53 0.00	30.29 0.55 0.00	34.51 0.56 0.00	36.38 0.56 0.00	30.86 0.44 0.00	32.02 0.49 0.00	28.71 0.46 0.00	29.02 0.41 0.00	26.75 0.50 0.00	26.38 0.47 0.00	26.41 0.58 0.00	26.65 0.64 0.00	29.10 0.56 0.00	33.76 0.53 0.00	42.26 0.59 0.00	44.06 0.49 0.00	38.31 0.47 0.00	40.34 0.52 0.00	32.37 0.56 0.00	31.58 0.54 0.00
BETHLEHEM___GS3 323562	35.57 0.62 0.00	36.55 0.72 0.00	34.33 0.72 0.00	30.67 0.59 0.00	27.62 0.53 0.00	30.29 0.55 0.00	34.51 0.56 0.00	36.38 0.56 0.00	30.86 0.44 0.00	32.02 0.49 0.00	28.71 0.46 0.00	29.02 0.41 0.00	26.75 0.50 0.00	26.38 0.47 0.00	26.41 0.58 0.00	26.65 0.64 0.00	29.10 0.56 0.00	33.76 0.53 0.00	42.26 0.59 0.00	44.06 0.49 0.00	38.31 0.47 0.00	40.34 0.52 0.00	32.37 0.56 0.00	31.58 0.54 0.00
BETHLEHEM___STEEL 23779	33.11 -1.85 0.00	33.46 -2.36 0.00	31.34 -2.27 0.00	28.32 -1.76 0.00	25.38 -1.71 0.00	27.74 -2.00 0.00	30.19 -2.64 1.12	33.27 -2.55 0.00	28.72 -1.70 0.00	29.91 -1.62 0.00	26.82 -1.43 0.00	27.64 -0.96 0.00	24.84 -1.41 0.00	24.73 -1.19 0.00	24.13 -1.71 0.00	23.69 -2.31 0.00	26.07 -2.46 0.00	30.46 -2.77 0.00	37.65 -4.03 0.00	39.41 -4.16 0.00	34.24 -3.60 0.00	35.97 -3.84 0.00	28.93 -2.88 0.00	28.56 -2.47 0.00
BETHLHEM_115KV_TB1 79974	35.61 0.66 0.00	36.59 0.76 0.00	34.36 0.75 0.00	30.69 0.61 0.00	27.64 0.55 0.00	30.31 0.57 0.00	34.55 0.60 0.00	36.42 0.61 0.00	30.89 0.47 0.00	32.05 0.52 0.00	28.74 0.49 0.00	29.05 0.45 0.00	26.78 0.52 0.00	26.41 0.50 0.00	26.44 0.61 0.00	26.67 0.66 0.00	29.16 0.62 0.00	33.84 0.60 0.00	42.36 0.68 0.00	44.17 0.60 0.00	38.39 0.55 0.00	40.43 0.62 0.00	32.43 0.63 0.00	31.64 0.60 0.00
BETHPAGE_CC_5 323564	37.06 2.10 0.00	38.00 2.17 0.00	35.56 1.94 0.00	31.82 1.74 0.00	32.62 1.76 -3.77	32.11 1.83 -0.55	35.89 1.82 -0.13	37.79 1.98 0.00	33.61 2.19 -1.00	33.77 2.25 0.00	30.38 2.13 0.00	30.53 1.92 0.00	27.94 1.68 0.00	27.69 1.77 0.00	27.80 1.97 0.00	27.94 1.93 0.00	30.74 2.21 0.00	35.79 2.56 0.00	44.33 2.66 0.00	46.01 2.44 0.00	39.88 2.05 0.00	42.14 2.33 0.00	34.24 2.24 -0.19	42.47 2.31 -9.11
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.20 -1.75 0.00	33.55 -2.28 0.00	31.42 -2.19 0.00	28.40 -1.68 0.00	25.44 -1.65 0.00	27.80 -1.94 0.00	30.27 -2.56 1.13	33.36 -2.46 0.00	28.80 -1.62 0.00	30.00 -1.52 0.00	26.90 -1.35 0.00	27.72 -0.88 0.00	24.92 -1.34 0.00	24.80 -1.11 0.00	24.20 -1.63 0.00	23.77 -2.24 0.00	26.13 -2.40 0.00	30.53 -2.70 0.00	37.74 -3.94 0.00	39.50 -4.07 0.00	34.31 -3.53 0.00	36.04 -3.77 0.00	28.97 -2.84 0.00	28.60 -2.44 0.00
BINGHAMTON___COGEN 23790	34.98 0.02 0.00	35.84 0.01 0.00	33.54 -0.08 0.00	30.01 -0.07 0.00	27.00 -0.08 0.00	29.67 -0.06 0.00	34.92 -0.11 -1.08	35.75 -0.07 0.00	30.42 0.00 0.00	31.50 -0.03 0.00	28.21 -0.03 0.00	28.56 -0.05 0.00	26.14 -0.11 0.00	25.86 -0.05 0.00	25.78 -0.05 0.00	25.92 -0.09 0.00	28.46 -0.08 0.00	33.21 -0.02 0.00	41.75 0.07 0.00	43.65 0.08 0.00	37.88 0.04 0.00	39.84 0.03 0.00	31.85 0.05 0.00	31.05 0.01 0.00

BIXINCNT_115KV_LOAD 355685	33.53 -1.42 0.00	33.92 -1.91 0.00	31.74 -1.87 0.00	28.66 -1.42 0.00	25.61 -1.48 0.00	27.90 -1.83 0.00	30.36 -2.39 1.20	33.62 -2.20 0.00	29.03 -1.39 0.00	30.36 -1.16 0.00	27.19 -1.06 0.00	28.09 -0.51 0.00	25.32 -0.93 0.00	25.23 -0.68 0.00	24.63 -1.20 0.00	24.21 -1.79 0.00	26.58 -1.96 0.00	31.05 -2.19 0.00	38.36 -3.32 0.00	40.08 -3.49 0.00	34.64 -3.20 0.00	36.25 -3.56 0.00	29.06 -2.75 0.00	28.68 -2.36 0.00
BLACK RIVER___HYD 24047	33.29 -1.66 0.00	33.81 -2.02 0.00	31.94 -1.67 0.00	28.43 -1.65 0.00	25.83 -1.26 0.00	28.57 -1.17 0.00	33.09 -0.86 0.00	34.32 -1.50 0.00	28.27 -2.15 0.00	29.19 -2.34 0.00	26.05 -2.20 0.00	26.22 -2.38 0.00	24.08 -2.17 0.00	23.74 -2.17 0.00	23.59 -2.24 0.00	23.73 -2.28 0.00	25.85 -2.69 0.00	30.25 -2.98 0.00	38.85 -2.82 0.00	41.86 -1.71 0.00	36.87 -0.97 0.00	38.45 -1.36 0.00	30.41 -1.40 0.00	29.26 -1.78 0.00
BLACKRVR_115KV_TB2 79977	33.29 -1.66 0.00	33.81 -2.02 0.00	31.94 -1.67 0.00	28.43 -1.65 0.00	25.83 -1.26 0.00	28.57 -1.17 0.00	33.10 -0.86 0.00	34.32 -1.50 0.00	28.27 -2.15 0.00	29.19 -2.34 0.00	26.05 -2.19 0.00	26.22 -2.38 0.00	24.08 -2.17 0.00	23.74 -2.17 0.00	23.59 -2.24 0.00	23.73 -2.28 0.00	25.85 -2.69 0.00	30.25 -2.99 0.00	38.85 -2.82 0.00	41.86 -1.71 0.00	36.87 -0.98 0.00	38.45 -1.36 0.00	30.41 -1.40 0.00	29.26 -1.78 0.00
BLDWN_LI_69_KV_BK4 356085	37.10 2.14 0.00	38.06 2.23 0.00	35.62 2.01 0.00	31.87 1.79 0.00	32.66 1.80 -3.77	32.13 1.85 -0.55	35.94 1.86 -0.13	37.85 2.03 0.00	33.62 2.19 -1.00	33.82 2.29 0.00	30.40 2.16 0.00	30.58 1.98 0.00	28.02 1.76 0.00	27.76 1.84 0.00	27.86 2.03 0.00	28.00 1.99 0.00	30.80 2.27 0.00	35.89 2.65 0.00	44.50 2.83 0.00	46.23 2.66 0.00	40.08 2.24 0.00	42.31 2.50 0.00	34.38 2.38 -0.19	42.57 2.42 -9.11
BLISS_WT_PWR 323608	33.50 -1.45 0.00	33.92 -1.91 0.00	31.75 -1.86 0.00	28.67 -1.41 0.00	25.59 -1.50 0.00	27.84 -1.90 0.00	30.28 -2.47 1.20	33.57 -2.25 0.00	29.00 -1.43 0.00	30.34 -1.18 0.00	27.18 -1.07 0.00	28.10 -0.50 0.00	25.34 -0.91 0.00	25.25 -0.66 0.00	24.65 -1.18 0.00	24.23 -1.78 0.00	26.60 -1.94 0.00	31.06 -2.17 0.00	38.35 -3.33 0.00	40.04 -3.53 0.00	34.56 -3.28 0.00	36.13 -3.68 0.00	28.95 -2.86 0.00	28.59 -2.44 0.00
BLUESTONE___WT_PWR 323821	36.48 1.53 0.00	37.39 1.56 0.00	34.91 1.30 0.00	31.03 0.95 0.00	27.87 0.78 0.00	30.76 1.03 0.00	35.64 1.26 -0.43	37.11 1.29 0.00	31.53 1.10 0.00	32.39 0.87 0.00	28.73 0.48 0.00	28.93 0.33 0.00	26.55 0.30 0.00	26.34 0.42 0.00	26.35 0.52 0.00	26.56 0.55 0.00	29.25 0.71 0.00	34.31 1.08 0.00	43.60 1.92 0.00	45.65 2.08 0.00	39.53 1.69 0.00	41.77 1.96 0.00	33.36 1.55 0.00	32.34 1.31 0.00
BLUE_CIRC_CHEM_DRP 24182	35.89 0.93 0.00	36.90 1.08 0.00	34.65 1.04 0.00	30.98 0.90 0.00	27.88 0.79 0.00	30.59 0.85 0.00	34.85 0.90 0.00	36.66 0.84 0.00	30.99 0.57 0.00	32.12 0.60 0.00	28.80 0.55 0.00	29.10 0.50 0.00	26.78 0.52 0.00	26.40 0.49 0.00	26.41 0.57 0.00	26.66 0.65 0.00	29.21 0.68 0.00	33.98 0.75 0.00	42.71 1.04 0.00	44.62 1.05 0.00	38.76 0.92 0.00	40.83 1.02 0.00	32.73 0.92 0.00	31.94 0.90 0.00
BOC_GAS_DRP 24189	35.65 0.70 0.00	36.65 0.82 0.00	34.40 0.78 0.00	30.73 0.65 0.00	27.66 0.57 0.00	30.33 0.60 0.00	34.57 0.62 0.00	36.46 0.64 0.00	30.97 0.55 0.00	32.13 0.60 0.00	28.83 0.58 0.00	29.16 0.55 0.00	26.85 0.59 0.00	26.50 0.58 0.00	26.51 0.68 0.00	26.74 0.73 0.00	29.30 0.76 0.00	34.02 0.79 0.00	42.58 0.90 0.00	44.39 0.82 0.00	38.56 0.72 0.00	40.63 0.82 0.00	32.55 0.74 0.00	31.76 0.73 0.00
BOONVILLE_115KV_TB1 79983	34.95 0.00 0.00	35.73 -0.10 0.00	33.57 -0.04 0.00	29.98 -0.10 0.00	27.07 -0.02 0.00	29.85 0.11 0.00	34.35 0.40 0.00	36.00 0.18 0.00	30.19 -0.23 0.00	31.09 -0.44 0.00	27.66 -0.59 0.00	27.91 -0.70 0.00	25.60 -0.65 0.00	25.25 -0.66 0.00	25.17 -0.66 0.00	25.35 -0.66 0.00	27.79 -0.75 0.00	32.57 -0.67 0.00	41.47 -0.20 0.00	43.90 0.32 0.00	38.29 0.45 0.00	40.13 0.32 0.00	31.87 0.06 0.00	30.91 -0.12 0.00
BORALEX_4TH_BRANCH 23824	36.51 1.55 0.00	37.56 1.73 0.00	35.39 1.78 0.00	31.59 1.51 0.00	28.34 1.25 0.00	31.18 1.44 0.00	35.29 1.34 0.00	37.19 1.37 0.00	31.55 1.13 0.00	32.86 1.33 0.00	29.40 1.16 0.00	29.64 1.03 0.00	27.37 1.11 0.00	26.89 0.98 0.00	27.01 1.18 0.00	27.41 1.40 0.00	29.96 1.42 0.00	34.72 1.49 0.00	43.51 1.83 0.00	45.35 1.78 0.00	39.38 1.54 0.00	41.61 1.80 0.00	33.42 1.61 0.00	32.68 1.64 0.00
BOWLINE___1 23526	36.44 1.49 0.00	37.26 1.43 0.00	34.84 1.23 0.00	31.17 1.08 0.00	28.17 1.09 0.00	30.86 1.12 0.00	35.41 1.33 -0.13	37.28 1.46 0.00	31.83 1.41 0.00	33.12 1.59 0.00	29.76 1.51 0.00	30.09 1.48 0.00	27.71 1.45 0.00	27.47 1.55 0.00	27.49 1.66 0.00	27.70 1.69 0.00	30.40 1.86 0.00	35.30 2.07 0.00	44.02 2.34 0.00	45.82 2.25 0.00	39.78 1.95 0.00	41.82 2.01 0.00	33.50 1.69 0.00	32.67 1.64 0.00
BOWLINE___2 23595	36.43 1.48 0.00	37.26 1.43 0.00	34.83 1.22 0.00	31.17 1.08 0.00	28.17 1.09 0.00	30.85 1.12 0.00	35.41 1.33 -0.13	37.28 1.46 0.00	31.82 1.40 0.00	33.12 1.59 0.00	29.76 1.51 0.00	30.09 1.48 0.00	27.71 1.45 0.00	27.47 1.55 0.00	27.49 1.66 0.00	27.70 1.69 0.00	30.40 1.86 0.00	35.30 2.07 0.00	44.01 2.34 0.00	45.82 2.25 0.00	39.78 1.94 0.00	41.81 2.00 0.00	33.50 1.69 0.00	32.67 1.63 0.00
BRADY___115KV_TB2 356060	35.16 0.21 0.00	35.93 0.10 0.00	33.75 0.13 0.00	30.26 0.18 0.00	27.27 0.18 0.00	29.98 0.25 0.00	34.39 0.44 0.00	35.98 0.16 0.00	30.29 -0.12 0.00	31.31 -0.21 0.00	27.95 -0.30 0.00	28.34 -0.27 0.00	25.96 -0.29 0.00	25.58 -0.33 0.00	25.42 -0.41 0.00	25.62 -0.39 0.00	28.18 -0.36 0.00	32.97 -0.26 0.00	41.47 -0.21 0.00	43.75 0.18 0.00	38.22 0.37 0.00	40.09 0.28 0.00	31.90 0.09 0.00	31.08 0.04 0.00
BRANSCOMB___SOLAR 323811	36.07 1.11 0.00	37.01 1.18 0.00	34.81 1.20 0.00	31.11 1.03 0.00	28.02 0.93 0.00	30.83 1.09 0.00	35.09 1.14 0.00	36.88 1.06 0.00	31.02 0.60 0.00	32.00 0.47 0.00	28.59 0.34 0.00	28.85 0.24 0.00	26.57 0.32 0.00	26.16 0.24 0.00	26.23 0.40 0.00	26.54 0.53 0.00	29.16 0.62 0.00	34.03 0.80 0.00	42.92 1.25 0.00	45.00 1.42 0.00	39.09 1.25 0.00	41.24 1.44 0.00	33.03 1.22 0.00	32.26 1.22 0.00
BRDGHMPT_69_KV_BK1 55812	37.03 2.07 0.00	38.39 2.56 0.00	35.98 2.37 0.00	32.29 2.21 0.00	33.38 2.52 -3.77	33.04 2.76 -0.55	37.14 2.87 -0.32	40.73 3.12 -1.80	34.42 3.00 -1.00	34.25 2.72 0.00	30.91 2.67 0.00	30.97 2.36 0.00	28.14 1.89 0.00	27.78 1.86 0.00	27.92 2.09 0.00	28.14 2.13 0.00	31.08 2.55 0.00	36.56 3.06 -0.27	49.38 3.38 -4.32	51.14 2.99 -4.57	43.50 2.47 -3.19	43.52 3.03 -0.68	36.21 3.11 -1.28	43.40 3.25 -9.11

BRENTWOD_69_KV_W. BRTWOOD 56703	37.18 2.23 0.00	38.16 2.33 0.00	35.72 2.11 0.00	31.98 1.90 0.00	32.78 1.92 -3.77	32.27 1.99 -0.55	36.20 1.94 -0.30	39.56 2.10 -1.64	33.77 2.34 -1.00	33.87 2.35 0.00	30.47 2.22 0.00	30.60 2.00 0.00	27.93 1.68 0.00	27.65 1.74 0.00	27.79 1.96 0.00	27.92 1.92 0.00	30.78 2.24 0.00	36.06 2.58 -0.25	48.40 2.76 -3.96	50.23 2.47 -4.19	42.83 2.07 -2.92	42.89 2.45 -0.63	35.42 2.43 -1.19	42.68 2.53 -9.11
BRISTLHL_115KV_TB1 79998	33.71 -1.24 0.00	34.53 -1.30 0.00	32.37 -1.24 0.00	28.98 -1.10 0.00	26.13 -0.96 0.00	28.70 -1.04 0.00	32.77 -1.18 0.00	34.61 -1.21 0.00	29.41 -1.01 0.00	30.43 -1.09 0.00	27.26 -0.99 0.00	27.59 -1.01 0.00	25.29 -0.97 0.00	24.97 -0.94 0.00	24.87 -0.96 0.00	25.00 -1.01 0.00	27.41 -1.13 0.00	31.91 -1.32 0.00	40.10 -1.58 0.00	41.99 -1.58 0.00	36.51 -1.33 0.00	38.40 -1.41 0.00	30.69 -1.12 0.00	29.93 -1.11 0.00
BROOKHAVEN__DRP 24191	36.97 2.01 0.00	38.08 2.25 0.00	35.67 2.05 0.00	31.96 1.88 0.00	32.81 1.95 -3.77	32.33 2.05 -0.55	36.27 2.00 -0.32	39.78 2.14 -1.82	33.76 2.34 -1.00	33.70 2.18 0.00	30.38 2.13 0.00	30.48 1.87 0.00	27.75 1.50 0.00	27.43 1.52 0.00	27.63 1.80 0.00	27.83 1.82 0.00	30.70 2.16 0.00	36.04 2.53 -0.27	48.68 2.62 -4.38	50.32 2.12 -4.63	42.76 1.69 -3.23	42.76 2.25 -0.69	35.50 2.40 -1.30	42.68 2.53 -9.11
BROOKLYN_NAVY_YARD 23515	36.60 1.65 0.00	37.39 1.56 0.00	34.96 1.35 0.00	31.30 1.22 0.00	28.34 1.25 0.00	31.01 1.28 0.00	35.63 1.55 -0.13	37.54 1.72 0.00	32.10 1.67 0.00	33.43 1.90 0.00	30.06 1.82 0.00	30.39 1.79 0.00	27.99 1.73 0.00	27.79 1.88 0.00	27.80 1.97 0.00	27.99 1.98 0.00	30.70 2.16 0.00	35.62 2.38 0.00	44.27 2.60 0.00	45.98 2.41 0.00	39.97 2.13 0.00	42.03 2.22 0.00	33.69 1.88 0.00	32.81 1.77 0.00
BROOKLYN__ARMY_DRP 323595	36.86 1.91 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.54 1.46 0.00	28.54 1.46 0.00	31.21 1.47 0.00	35.87 1.80 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.66 2.13 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.17 1.91 0.00	27.98 2.07 0.00	27.98 2.15 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.87 2.63 0.00	44.57 2.89 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.34 2.53 0.00	33.94 2.13 0.00	33.11 2.07 0.00
BROOME_2_LFGE 323671	34.98 0.03 0.00	35.84 0.01 0.00	33.54 -0.08 0.00	30.01 -0.07 0.00	27.00 -0.08 0.00	29.67 -0.06 0.00	34.92 -0.11 -1.08	35.74 -0.07 0.00	30.42 0.00 0.00	31.50 -0.03 0.00	28.21 -0.03 0.00	28.56 -0.04 0.00	26.14 -0.11 0.00	25.86 -0.05 0.00	25.78 -0.05 0.00	25.92 -0.09 0.00	28.46 -0.08 0.00	33.21 -0.02 0.00	41.75 0.07 0.00	43.65 0.08 0.00	37.88 0.04 0.00	39.84 0.03 0.00	31.85 0.05 0.00	31.05 0.01 0.00
BROOME__LFGE 323600	34.98 0.03 0.00	35.84 0.01 0.00	33.54 -0.08 0.00	30.01 -0.07 0.00	27.00 -0.08 0.00	29.67 -0.06 0.00	34.92 -0.11 -1.08	35.74 -0.07 0.00	30.42 0.00 0.00	31.50 -0.03 0.00	28.21 -0.03 0.00	28.56 -0.04 0.00	26.14 -0.11 0.00	25.86 -0.05 0.00	25.78 -0.05 0.00	25.92 -0.09 0.00	28.46 -0.08 0.00	33.21 -0.02 0.00	41.75 0.07 0.00	43.65 0.08 0.00	37.88 0.04 0.00	39.84 0.03 0.00	31.85 0.05 0.00	31.05 0.01 0.00
BROWNFLS_115KV_TB_3_5 80003	33.58 -1.37 0.00	34.29 -1.53 0.00	32.28 -1.33 0.00	28.83 -1.25 0.00	26.05 -1.04 0.00	28.72 -1.01 0.00	33.11 -0.84 0.00	34.62 -1.20 0.00	28.94 -1.48 0.00	29.89 -1.64 0.00	26.65 -1.60 0.00	26.93 -1.68 0.00	24.71 -1.55 0.00	24.34 -1.58 0.00	24.21 -1.62 0.00	24.40 -1.61 0.00	26.72 -1.82 0.00	31.29 -1.94 0.00	39.69 -1.99 0.00	42.11 -1.46 0.00	36.82 -1.02 0.00	38.48 -1.33 0.00	30.52 -1.29 0.00	29.58 -1.46 0.00
BROWNSV1_27_KV_LOAD 356125	36.96 2.01 0.00	37.76 1.93 0.00	35.30 1.69 0.00	31.59 1.51 0.00	28.60 1.51 0.00	31.30 1.57 0.00	35.94 1.87 -0.13	37.90 2.08 0.00	32.41 1.99 0.00	33.74 2.21 0.00	30.35 2.10 0.00	30.68 2.08 0.00	28.25 1.99 0.00	28.04 2.12 0.00	28.05 2.22 0.00	28.24 2.23 0.00	30.99 2.45 0.00	35.97 2.74 0.00	44.73 3.05 0.00	46.49 2.92 0.00	40.40 2.57 0.00	42.47 2.66 0.00	34.04 2.23 0.00	33.16 2.13 0.00
BURROWS__LYONSDAL 23803	34.61 -0.34 0.00	35.37 -0.46 0.00	33.25 -0.36 0.00	29.67 -0.41 0.00	26.81 -0.28 0.00	29.58 -0.16 0.00	34.09 0.14 0.00	35.69 -0.13 0.00	29.87 -0.56 0.00	30.77 -0.75 0.00	27.40 -0.85 0.00	27.63 -0.97 0.00	25.36 -0.90 0.00	25.01 -0.91 0.00	24.92 -0.91 0.00	25.09 -0.92 0.00	27.48 -1.06 0.00	32.20 -1.03 0.00	41.01 -0.67 0.00	43.50 -0.07 0.00	37.99 0.15 0.00	39.77 -0.04 0.00	31.56 -0.25 0.00	30.59 -0.45 0.00
CAITHNESS_CC_1 323624	36.90 1.95 0.00	37.97 2.14 0.00	35.55 1.94 0.00	31.86 1.78 0.00	32.70 1.84 -3.77	32.19 1.91 -0.55	36.10 1.83 -0.33	39.62 1.95 -1.85	33.65 2.23 -1.00	33.65 2.12 0.00	30.31 2.07 0.00	30.43 1.83 0.00	27.73 1.48 0.00	27.43 1.52 0.00	27.60 1.77 0.00	27.78 1.78 0.00	30.63 2.09 0.00	35.94 2.43 -0.28	48.65 2.54 -4.43	50.33 2.08 -4.69	42.79 1.68 -3.27	42.70 2.19 -0.70	35.45 2.33 -1.31	42.60 2.45 -9.11
CALPINE BETH_PAGE_GT4 24209	37.10 2.15 0.00	38.06 2.23 0.00	35.61 1.99 0.00	31.86 1.78 0.00	32.65 1.80 -3.77	32.15 1.86 -0.55	35.95 1.87 -0.13	37.86 2.04 0.00	33.65 2.22 -1.00	33.82 2.29 0.00	30.42 2.17 0.00	30.57 1.97 0.00	27.99 1.73 0.00	27.74 1.82 0.00	27.84 2.01 0.00	27.99 1.98 0.00	30.79 2.26 0.00	35.85 2.62 0.00	44.34 2.66 0.00	46.03 2.46 0.00	39.89 2.06 0.00	42.13 2.33 0.00	34.23 2.22 -0.19	42.46 2.31 -9.11
CALPINE_BETH_PAGE_GT_4 323586	37.11 2.16 0.00	38.06 2.23 0.00	35.60 1.99 0.00	31.86 1.78 0.00	32.65 1.80 -3.77	32.15 1.86 -0.55	35.94 1.87 -0.13	37.85 2.03 0.00	33.65 2.22 -1.00	33.82 2.30 0.00	30.42 2.17 0.00	30.57 1.97 0.00	27.99 1.73 0.00	27.74 1.83 0.00	27.84 2.01 0.00	27.98 1.98 0.00	30.79 2.26 0.00	35.85 2.62 0.00	44.34 2.66 0.00	46.03 2.46 0.00	39.89 2.06 0.00	42.14 2.33 0.00	34.23 2.23 -0.19	42.46 2.31 -9.11
CALPINE_BP_GT1 23823	37.11 2.16 0.00	38.06 2.23 0.00	35.60 1.99 0.00	31.86 1.78 0.00	32.65 1.80 -3.77	32.15 1.86 -0.55	35.94 1.87 -0.13	37.85 2.03 0.00	33.65 2.22 -1.00	33.82 2.30 0.00	30.42 2.17 0.00	30.57 1.97 0.00	27.99 1.73 0.00	27.74 1.83 0.00	27.84 2.01 0.00	27.98 1.98 0.00	30.79 2.26 0.00	35.85 2.62 0.00	44.34 2.66 0.00	46.03 2.46 0.00	39.89 2.06 0.00	42.14 2.33 0.00	34.23 2.23 -0.19	42.46 2.31 -9.11
CALSPAN__DRP 24200	33.11 -1.85 0.00	33.46 -2.36 0.00	31.34 -2.27 0.00	28.32 -1.76 0.00	25.38 -1.71 0.00	27.74 -2.00 0.00	30.19 -2.64 1.12	33.27 -2.55 0.00	28.72 -1.70 0.00	29.91 -1.62 0.00	26.82 -1.43 0.00	27.64 -0.96 0.00	24.84 -1.41 0.00	24.73 -1.19 0.00	24.13 -1.71 0.00	23.69 -2.31 0.00	26.07 -2.46 0.00	30.46 -2.77 0.00	37.65 -4.03 -4.16	39.41 -3.60 0.00	34.24 -3.84 0.00	35.97 -2.88 0.00	28.93 -2.47 0.00	28.56 -2.47 0.00

CALVERTON___SOLAR 323806	37.00 2.05 0.00	38.19 2.36 0.00	35.77 2.16 0.00	32.06 1.97 0.00	32.92 2.07 -3.77	32.47 2.18 -0.55	36.44 2.17 -0.32	39.95 2.32 -1.81	33.85 2.43 -1.00	33.73 2.20 0.00	30.45 2.20 0.00	30.52 1.92 0.00	27.77 1.52 0.00	27.44 1.52 0.00	27.65 1.82 0.00	27.88 1.87 0.00	30.77 2.23 0.00	36.13 2.63 -0.27	48.77 2.73 -4.37	50.39 2.20 -4.61	42.82 1.76 -3.22	42.86 2.36 -0.69	35.59 2.49 -1.29	42.78 2.63 -9.11
CANDIGU_WT_PWR 323617	33.66 -1.30 0.00	34.19 -1.63 0.00	31.86 -1.75 0.00	28.61 -1.47 0.00	25.55 -1.54 0.00	28.01 -1.73 0.00	29.77 -2.31 1.87	33.61 -2.21 0.00	29.01 -1.42 0.00	29.88 -1.64 0.00	27.05 -1.20 0.00	27.76 -0.84 0.00	25.08 -1.17 0.00	24.95 -0.97 0.00	24.69 -1.14 0.00	24.59 -1.41 0.00	26.95 -1.59 0.00	31.39 -1.84 0.00	39.33 -2.35 0.00	41.26 -2.31 0.00	35.65 -2.19 0.00	37.27 -2.54 0.00	29.70 -2.11 0.00	28.85 -2.19 0.00
CARR STREET_E_SYP 24060	34.33 -0.62 0.00	35.15 -0.68 0.00	32.95 -0.66 0.00	29.51 -0.57 0.00	26.59 -0.49 0.00	29.21 -0.53 0.00	33.35 -0.60 0.00	35.22 -0.60 0.00	29.95 -0.47 0.00	31.02 -0.51 0.00	27.78 -0.47 0.00	28.13 -0.48 0.00	25.78 -0.48 0.00	25.46 -0.45 0.00	25.35 -0.48 0.00	25.47 -0.54 0.00	27.94 -0.60 0.00	32.55 -0.68 0.00	40.87 -0.80 0.00	42.77 -0.79 0.00	37.16 -0.68 0.00	39.08 -0.73 0.00	31.22 -0.59 0.00	30.46 -0.58 0.00
CARTHAGE___PAPER 23857	33.46 -1.49 0.00	34.06 -1.77 0.00	32.14 -1.47 0.00	28.63 -1.45 0.00	25.96 -1.13 0.00	28.69 -1.05 0.00	33.20 -0.76 0.00	34.52 -1.30 0.00	28.58 -1.85 0.00	29.50 -2.02 0.00	26.32 -1.93 0.00	26.51 -2.09 0.00	24.34 -1.91 0.00	24.00 -1.92 0.00	23.86 -1.97 0.00	24.02 -1.99 0.00	26.20 -2.33 0.00	30.68 -2.55 0.00	39.26 -2.42 0.00	42.09 -1.48 0.00	36.96 -0.88 0.00	38.58 -1.23 0.00	30.53 -1.28 0.00	29.44 -1.60 0.00
CASSADAGA_WT_PWR 323784	33.93 -1.02 0.00	34.41 -1.42 0.00	32.11 -1.50 0.00	28.99 -1.09 0.00	26.00 -1.09 0.00	28.59 -1.15 0.00	31.08 -1.69 1.19	34.36 -1.46 0.00	29.58 -0.84 0.00	30.72 -0.81 0.00	27.61 -0.64 0.00	28.43 -0.17 0.00	25.56 -0.70 0.00	25.42 -0.49 0.00	24.87 -0.96 0.00	24.48 -1.53 0.00	26.94 -1.60 0.00	31.55 -1.69 0.00	39.07 -2.60 0.00	41.02 -2.55 0.00	35.65 -2.19 0.00	37.33 -2.48 0.00	29.77 -2.05 0.00	29.15 -1.89 0.00
CE_DUNWOOD___DRP 24194	36.57 1.62 0.00	37.40 1.57 0.00	34.98 1.37 0.00	31.29 1.21 0.00	28.32 1.23 0.00	31.00 1.27 0.00	35.56 1.48 -0.13	37.47 1.65 0.00	32.01 1.59 0.00	33.28 1.76 0.00	29.92 1.68 0.00	30.25 1.64 0.00	27.85 1.59 0.00	27.62 1.70 0.00	27.64 1.81 0.00	27.84 1.83 0.00	30.55 2.02 0.00	35.47 2.24 0.00	44.18 2.51 0.00	45.95 2.38 0.00	39.92 2.08 0.00	41.97 2.16 0.00	33.64 1.83 0.00	32.80 1.76 0.00
CE_MILLWOOD___DRP 24193	36.51 1.56 0.00	37.34 1.52 0.00	34.93 1.32 0.00	31.25 1.17 0.00	28.27 1.18 0.00	30.96 1.22 0.00	35.50 1.42 -0.13	37.40 1.58 0.00	31.93 1.51 0.00	33.21 1.69 0.00	29.86 1.61 0.00	30.17 1.57 0.00	27.79 1.53 0.00	27.54 1.63 0.00	27.57 1.74 0.00	27.78 1.77 0.00	30.48 1.94 0.00	35.39 2.16 0.00	44.10 2.43 0.00	45.88 2.31 0.00	39.85 2.01 0.00	41.90 2.09 0.00	33.58 1.77 0.00	32.75 1.71 0.00
CE_NYC2_DRP 24202	36.73 1.78 0.00	37.54 1.72 0.00	35.13 1.52 0.00	31.45 1.37 0.00	28.48 1.39 0.00	31.12 1.39 0.00	35.74 1.66 -0.13	37.68 1.86 0.00	32.23 1.81 0.00	33.54 2.01 0.00	30.19 1.95 0.00	30.50 1.90 0.00	28.09 1.83 0.00	27.90 1.99 0.00	27.90 2.07 0.00	28.08 2.08 0.00	30.80 2.26 0.00	35.74 2.51 0.00	44.41 2.74 0.00	46.08 2.52 0.00	40.07 2.23 0.00	42.12 2.31 0.00	33.79 1.99 0.00	32.94 1.90 0.00
CE_NYC_DRP 24195	36.75 1.80 0.00	37.56 1.73 0.00	35.12 1.51 0.00	31.43 1.35 0.00	28.45 1.37 0.00	31.14 1.40 0.00	35.74 1.67 -0.13	37.67 1.86 0.00	32.23 1.81 0.00	33.54 2.02 0.00	30.17 1.92 0.00	30.50 1.90 0.00	28.09 1.83 0.00	27.89 1.97 0.00	27.91 2.08 0.00	28.09 2.09 0.00	30.82 2.28 0.00	35.76 2.53 0.00	44.48 2.80 0.00	46.20 2.63 0.00	40.13 2.30 0.00	42.19 2.38 0.00	33.83 2.02 0.00	32.97 1.93 0.00
CHAFFEE___LFGE 323603	33.08 -1.87 0.00	33.46 -2.37 0.00	31.33 -2.28 0.00	28.31 -1.77 0.00	25.38 -1.71 0.00	27.75 -1.99 0.00	30.17 -2.63 1.16	33.29 -2.53 0.00	28.75 -1.68 0.00	29.91 -1.61 0.00	26.83 -1.42 0.00	27.63 -0.97 0.00	24.83 -1.42 0.00	24.71 -1.20 0.00	24.11 -1.72 0.00	23.67 -2.33 0.00	26.05 -2.49 0.00	30.45 -2.79 0.00	37.61 -4.07 0.00	39.38 -4.19 0.00	34.23 -3.61 0.00	35.96 -3.85 0.00	28.92 -2.89 0.00	28.54 -2.50 0.00
CHATEAUG_35_KV_LOAD 355732	35.16 0.20 0.00	36.03 0.20 0.00	33.89 0.27 0.00	30.33 0.26 0.00	27.32 0.23 0.00	30.05 0.31 0.00	34.37 0.42 0.00	36.19 0.37 0.00	30.66 0.24 0.00	31.74 0.21 0.00	28.32 0.07 0.00	28.67 0.07 0.00	26.31 0.05 0.00	25.90 -0.02 0.00	25.77 -0.06 0.00	26.00 -0.01 0.00	28.58 0.04 0.00	33.39 0.16 0.00	41.92 0.24 0.00	43.85 0.28 0.00	37.99 0.15 0.00	39.84 0.03 0.00	31.57 -0.24 0.00	30.75 -0.29 0.00
CHATEAUG_WT_PWR 323614	35.12 0.18 0.00	36.00 0.17 0.00	33.84 0.23 0.00	30.30 0.22 0.00	27.30 0.21 0.00	30.01 0.27 0.00	34.31 0.36 0.00	36.16 0.34 0.00	30.66 0.24 0.00	31.75 0.22 0.00	28.32 0.08 0.00	28.67 0.07 0.00	26.31 0.06 0.00	25.91 -0.01 0.00	25.78 -0.05 0.00	26.01 0.01 0.00	28.58 0.05 0.00	33.39 0.16 0.00	41.93 0.25 0.00	43.82 0.25 0.00	37.95 0.11 0.00	39.81 0.00 0.00	31.56 -0.25 0.00	30.74 -0.30 0.00
CHAT_HIGH_FALL_HYD 323578	35.16 0.20 0.00	36.03 0.20 0.00	33.89 0.27 0.00	30.33 0.26 0.00	27.32 0.23 0.00	30.05 0.31 0.00	34.37 0.42 0.00	36.19 0.37 0.00	30.66 0.24 0.00	31.74 0.21 0.00	28.32 0.07 0.00	28.67 0.07 0.00	26.31 0.05 0.00	25.90 -0.02 0.00	25.77 -0.06 0.00	26.00 -0.01 0.00	28.58 0.04 0.00	33.39 0.16 0.00	41.92 0.24 0.00	43.85 0.28 0.00	37.99 0.15 0.00	39.84 0.03 0.00	31.57 -0.24 0.00	30.75 -0.29 0.00
CHAUTAUQUA___LFGE 323629	33.62 -1.33 0.00	34.08 -1.75 0.00	31.81 -1.80 0.00	28.73 -1.35 0.00	25.77 -1.32 0.00	28.31 -1.42 0.00	30.72 -2.07 1.17	33.92 -1.90 0.00	29.25 -1.17 0.00	30.40 -1.13 0.00	27.31 -0.94 0.00	28.12 -0.49 0.00	25.27 -0.98 0.00	25.15 -0.76 0.00	24.60 -1.23 0.00	24.25 -1.76 0.00	26.68 -1.86 0.00	31.23 -2.00 0.00	38.66 -3.01 0.00	40.54 -3.03 0.00	35.23 -2.61 0.00	36.90 -2.91 0.00	29.55 -2.25 0.00	29.05 -1.98 0.00
CHERRYST_13_KV_LD 356241	36.83 1.88 0.00	37.65 1.82 0.00	35.20 1.59 0.00	31.50 1.42 0.00	28.52 1.43 0.00	31.22 1.49 0.00	35.84 1.76 -0.13	37.78 1.97 0.00	32.33 1.91 0.00	33.66 2.13 0.00	30.28 2.03 0.00	30.60 2.00 0.00	28.18 1.93 0.00	27.98 2.07 0.00	28.00 2.17 0.00	28.18 2.18 0.00	30.92 2.39 0.00	35.88 2.65 0.00	44.61 2.93 0.00	46.33 2.76 0.00	40.24 2.40 0.00	42.31 2.50 0.00	33.91 2.10 0.00	33.05 2.01 0.00

CHESTROR_138KV_BK263 355645	36.43 1.48 0.00	37.27 1.44 0.00	34.86 1.25 0.00	31.17 1.09 0.00	28.18 1.09 0.00	30.86 1.13 0.00	35.42 1.33 -0.14	37.28 1.46 0.00	31.79 1.37 0.00	33.03 1.51 0.00	29.64 1.40 0.00	29.97 1.36 0.00	27.58 1.33 0.00	27.33 1.42 0.00	27.35 1.52 0.00	27.55 1.54 0.00	30.24 1.71 0.00	35.15 1.92 0.00	43.90 2.22 0.00	45.74 2.17 0.00	39.73 1.90 0.00	41.77 1.96 0.00	33.45 1.65 0.00	32.62 1.59 0.00
CH_MIDHUDSON__DRP 24192	36.54 1.59 0.00	37.40 1.57 0.00	35.01 1.40 0.00	31.31 1.23 0.00	28.33 1.24 0.00	31.02 1.28 0.00	35.42 1.47 0.00	37.46 1.64 0.00	31.96 1.54 0.00	33.17 1.65 0.00	29.78 1.54 0.00	30.08 1.48 0.00	27.72 1.46 0.00	27.44 1.52 0.00	27.47 1.64 0.00	27.68 1.67 0.00	30.36 1.82 0.00	35.28 2.05 0.00	44.04 2.36 0.00	45.87 2.30 0.00	39.84 2.00 0.00	41.92 2.11 0.00	33.56 1.76 0.00	32.71 1.67 0.00
CH_MISC_IPPS 23765	36.74 1.79 0.00	37.59 1.76 0.00	35.16 1.55 0.00	31.45 1.37 0.00	28.45 1.36 0.00	31.17 1.43 0.00	35.75 1.67 -0.13	37.68 1.86 0.00	32.19 1.77 0.00	33.38 1.86 0.00	29.95 1.70 0.00	30.23 1.63 0.00	27.84 1.58 0.00	27.56 1.65 0.00	27.60 1.77 0.00	27.80 1.79 0.00	30.52 1.98 0.00	35.48 2.25 0.00	44.32 2.65 0.00	46.19 2.62 0.00	40.11 2.27 0.00	42.17 2.36 0.00	33.76 1.95 0.00	32.90 1.86 0.00
CH_RES_BVR_FALLS 23983	34.90 -0.06 0.00	35.75 -0.08 0.00	33.55 -0.07 0.00	30.03 -0.05 0.00	27.04 -0.05 0.00	29.70 -0.04 0.00	33.94 -0.01 0.00	35.80 -0.02 0.00	30.40 -0.02 0.00	31.52 -0.01 0.00	28.22 -0.03 0.00	28.57 -0.03 0.00	26.23 -0.03 0.00	25.86 -0.05 0.00	25.77 -0.07 0.00	25.96 -0.05 0.00	28.48 -0.05 0.00	33.20 -0.03 0.00	41.64 -0.04 0.00	43.54 -0.02 0.00	37.81 -0.03 0.00	39.75 -0.06 0.00	31.71 -0.10 0.00	30.93 -0.11 0.00
CH_RES_NIAGARA 23895	32.29 -2.67 0.00	32.67 -3.16 0.00	30.66 -2.95 0.00	27.75 -2.33 0.00	24.91 -2.17 0.00	27.18 -2.56 0.00	29.57 -3.38 1.00	32.34 -3.47 0.00	27.94 -2.48 0.00	29.16 -2.37 0.00	26.10 -2.15 0.00	26.90 -1.70 0.00	24.15 -2.10 0.00	24.01 -1.91 0.00	23.41 -2.42 0.00	22.93 -3.07 0.00	25.29 -3.24 0.00	29.52 -3.71 0.00	36.34 -5.33 0.00	38.04 -5.53 0.00	33.07 -4.77 0.00	34.85 -4.96 0.00	28.11 -3.70 0.00	27.85 -3.19 0.00
CH_RES_SYRACUSE 23985	34.48 -0.47 0.00	35.30 -0.53 0.00	33.09 -0.52 0.00	29.63 -0.44 0.00	26.71 -0.38 0.00	29.35 -0.38 0.00	33.34 -0.44 0.17	35.38 -0.44 0.00	30.07 -0.35 0.00	31.11 -0.41 0.00	27.85 -0.40 0.00	28.18 -0.42 0.00	25.81 -0.45 0.00	25.48 -0.43 0.00	25.38 -0.45 0.00	25.50 -0.50 0.00	27.99 -0.55 0.00	32.65 -0.59 0.00	41.04 -0.64 0.00	42.99 -0.58 0.00	37.35 -0.49 0.00	39.26 -0.55 0.00	31.37 -0.44 0.00	30.60 -0.43 0.00
CLINTON_WT_PWR 323605	35.12 0.18 0.00	36.00 0.17 0.00	33.84 0.23 0.00	30.30 0.22 0.00	27.30 0.21 0.00	30.01 0.27 0.00	34.31 0.36 0.00	36.16 0.34 0.00	30.66 0.24 0.00	31.75 0.22 0.00	28.32 0.08 0.00	28.67 0.07 0.00	26.31 0.06 0.00	25.91 -0.01 0.00	25.78 -0.05 0.00	26.01 0.01 0.00	28.58 0.05 0.00	33.39 0.16 0.00	41.93 0.25 0.00	43.82 0.25 0.00	37.95 0.11 0.00	39.81 0.00 0.00	31.56 -0.25 0.00	30.74 -0.30 0.00
CLINTON__LFGE 323618	35.43 0.47 0.00	36.32 0.49 0.00	34.17 0.56 0.00	30.59 0.51 0.00	27.56 0.47 0.00	30.32 0.59 0.00	34.67 0.72 0.00	36.47 0.65 0.00	30.86 0.44 0.00	31.91 0.38 0.00	28.46 0.21 0.00	28.77 0.17 0.00	26.44 0.19 0.00	26.03 0.11 0.00	25.93 0.10 0.00	26.16 0.15 0.00	28.74 0.20 0.00	33.59 0.36 0.00	42.19 0.51 0.00	44.22 0.65 0.00	38.37 0.53 0.00	40.26 0.45 0.00	31.93 0.12 0.00	31.07 0.03 0.00
COBBLENY_34_KV_TB1 80064	33.10 -1.85 0.00	33.46 -2.37 0.00	31.33 -2.28 0.00	28.31 -1.77 0.00	25.38 -1.71 0.00	27.75 -1.99 0.00	30.17 -2.62 1.16	33.29 -2.53 0.00	28.75 -1.68 0.00	29.92 -1.60 0.00	26.83 -1.42 0.00	27.63 -0.97 0.00	24.83 -1.42 0.00	24.72 -1.20 0.00	24.10 -1.73 0.00	23.67 -2.33 0.00	26.05 -2.49 0.00	30.44 -2.79 0.00	37.61 -4.06 0.00	39.38 -4.18 0.00	34.23 -3.61 0.00	35.96 -3.85 0.00	28.92 -2.89 0.00	28.53 -2.50 0.00
COFFEEN__115KV_TB3 355620	33.43 -1.53 0.00	33.94 -1.89 0.00	32.07 -1.54 0.00	28.55 -1.53 0.00	25.95 -1.14 0.00	28.71 -1.02 0.00	33.26 -0.69 0.00	34.44 -1.39 0.00	28.25 -2.17 0.00	29.16 -2.37 0.00	26.00 -2.24 0.00	26.17 -2.43 0.00	24.04 -2.21 0.00	23.71 -2.21 0.00	23.54 -2.29 0.00	23.69 -2.32 0.00	25.79 -2.75 0.00	30.18 -3.05 0.00	38.91 -2.77 0.00	42.03 -1.54 0.00	37.07 -0.77 0.00	38.67 -1.14 0.00	30.58 -1.23 0.00	29.38 -1.66 0.00
COLDSPRG_115KV_BK1 355956	34.07 -0.88 0.00	34.49 -1.34 0.00	32.17 -1.44 0.00	29.04 -1.04 0.00	26.04 -1.05 0.00	28.64 -1.09 0.00	31.19 -1.53 1.23	34.51 -1.31 0.00	29.73 -0.69 0.00	30.95 -0.58 0.00	27.80 -0.45 0.00	28.60 0.00 0.00	25.74 -0.52 0.00	25.62 -0.30 0.00	25.05 -0.78 0.00	24.67 -1.33 0.00	27.15 -1.39 0.00	31.78 -1.45 0.00	39.39 -2.29 0.00	41.33 -2.24 0.00	35.89 -1.95 0.00	37.61 -2.20 0.00	30.09 -1.72 0.00	29.46 -1.58 0.00
COLONIE_LFGE__ 323577	35.98 1.03 0.00	36.95 1.12 0.00	34.74 1.13 0.00	31.03 0.95 0.00	27.92 0.83 0.00	30.67 0.94 0.00	34.90 0.95 0.00	36.78 0.96 0.00	31.14 0.72 0.00	32.29 0.77 0.00	28.91 0.66 0.00	29.19 0.59 0.00	26.91 0.65 0.00	26.49 0.58 0.00	26.56 0.73 0.00	26.86 0.86 0.00	29.43 0.89 0.00	34.20 0.97 0.00	42.91 1.24 0.00	44.82 1.25 0.00	38.93 1.09 0.00	41.06 1.25 0.00	32.90 1.09 0.00	32.13 1.09 0.00
COOPERNY_115KV_TB1 80082	36.33 1.38 0.00	37.22 1.39 0.00	34.82 1.21 0.00	31.12 1.05 0.00	28.10 1.01 0.00	30.79 1.06 0.00	35.38 1.25 -0.18	37.17 1.35 0.00	31.68 1.26 0.00	32.90 1.37 0.00	29.51 1.26 0.00	29.82 1.22 0.00	27.45 1.19 0.00	27.17 1.26 0.00	27.18 1.35 0.00	27.38 1.37 0.00	30.07 1.53 0.00	34.97 1.74 0.00	43.72 2.05 0.00	45.57 2.00 0.00	39.56 1.72 0.00	41.63 1.83 0.00	33.33 1.52 0.00	32.50 1.47 0.00
COPENHAGEN_WT_PWR 323753	33.14 -1.81 0.00	33.59 -2.24 0.00	31.77 -1.84 0.00	28.26 -1.83 0.00	25.69 -1.40 0.00	28.41 -1.32 0.00	32.93 -1.02 0.00	34.17 -1.65 0.00	28.20 -2.22 0.00	29.18 -2.35 0.00	26.06 -2.19 0.00	26.22 -2.38 0.00	24.09 -2.16 0.00	23.75 -2.17 0.00	23.60 -2.23 0.00	23.73 -2.27 0.00	25.80 -2.74 0.00	30.18 -3.05 0.00	38.68 -2.99 0.00	41.64 -1.93 0.00	36.66 -1.18 0.00	38.21 -1.60 0.00	30.22 -1.59 0.00	29.07 -1.97 0.00
CORNELL____ 23752	35.23 0.28 0.00	36.05 0.22 0.00	33.73 0.12 0.00	30.21 0.13 0.00	27.21 0.12 0.00	29.93 0.20 0.00	33.64 0.25 0.56	36.10 0.27 0.00	30.62 0.20 0.00	31.56 0.04 0.00	28.10 -0.15 0.00	28.35 -0.26 0.00	25.90 -0.35 0.00	25.60 -0.31 0.00	25.51 -0.32 0.00	25.65 -0.36 0.00	28.16 -0.38 0.00	32.97 -0.26 0.00	41.82 0.15 0.00	44.03 0.46 0.00	38.25 0.41 0.00	40.21 0.40 0.00	32.09 0.28 0.00	31.24 0.20 0.00

CORONA_69_KV_TB1 355595	37.07 2.12 0.00	38.01 2.18 0.00	35.57 1.96 0.00	31.83 1.75 0.00	32.62 1.76 -3.77	32.09 1.80 -0.55	35.94 1.86 -0.13	37.85 2.03 0.00	33.57 2.15 -1.00	33.81 2.29 0.00	30.40 2.15 0.00	30.62 2.02 0.00	28.07 1.82 0.00	27.82 1.91 0.00	27.91 2.08 0.00	28.06 2.05 0.00	30.85 2.31 0.00	35.88 2.65 0.00	44.57 2.89 0.00	46.25 2.68 0.00	40.13 2.29 0.00	42.33 2.52 0.00	34.35 2.35 -0.19	42.53 2.38 -9.11
CORTLAND_115KV_TB3 80093	35.09 0.14 0.00	35.94 0.11 0.00	33.67 0.06 0.00	30.13 0.05 0.00	27.14 0.05 0.00	29.84 0.10 0.00	34.09 0.14 0.00	35.99 0.17 0.00	30.55 0.12 0.00	31.52 -0.01 0.00	28.13 -0.12 0.00	28.43 -0.18 0.00	26.03 -0.22 0.00	25.72 -0.19 0.00	25.64 -0.19 0.00	25.79 -0.22 0.00	28.32 -0.22 0.00	33.07 -0.16 0.00	41.75 0.08 0.00	43.83 0.26 0.00	38.08 0.24 0.00	40.05 0.24 0.00	31.97 0.16 0.00	31.15 0.11 0.00
COXSACKIE__GT 23611	36.85 1.90 0.00	37.77 1.94 0.00	35.50 1.89 0.00	31.71 1.63 0.00	28.59 1.50 0.00	31.43 1.70 0.00	35.97 2.01 0.00	37.96 2.14 0.00	31.75 1.33 0.00	32.68 1.15 0.00	29.17 0.93 0.00	29.45 0.84 0.00	27.14 0.88 0.00	26.76 0.85 0.00	26.80 0.97 0.00	27.03 1.02 0.00	29.67 1.13 0.00	34.57 1.34 0.00	43.62 1.94 0.00	45.97 2.40 0.00	40.12 2.28 0.00	42.25 2.44 0.00	33.77 1.97 0.00	32.88 1.84 0.00
CPV_VALLEY__CC1 323721	36.33 1.37 0.00	37.17 1.34 0.00	34.78 1.16 0.00	31.11 1.03 0.00	28.10 1.01 0.00	30.78 1.04 0.00	35.32 1.22 -0.15	37.16 1.34 0.00	31.69 1.27 0.00	32.94 1.41 0.00	29.57 1.32 0.00	29.90 1.29 0.00	27.52 1.26 0.00	27.26 1.34 0.00	27.27 1.44 0.00	27.47 1.46 0.00	30.15 1.61 0.00	35.04 1.81 0.00	43.75 2.07 0.00	45.59 2.02 0.00	39.58 1.74 0.00	41.63 1.82 0.00	33.34 1.53 0.00	32.51 1.48 0.00
CPV_VALLEY__CC2 323722	36.33 1.37 0.00	37.17 1.34 0.00	34.78 1.16 0.00	31.11 1.03 0.00	28.10 1.01 0.00	30.78 1.04 0.00	35.32 1.22 -0.15	37.16 1.34 0.00	31.69 1.27 0.00	32.94 1.41 0.00	29.57 1.32 0.00	29.90 1.29 0.00	27.52 1.26 0.00	27.26 1.34 0.00	27.27 1.44 0.00	27.47 1.46 0.00	30.15 1.61 0.00	35.04 1.81 0.00	43.75 2.07 0.00	45.59 2.02 0.00	39.58 1.74 0.00	41.63 1.82 0.00	33.34 1.53 0.00	32.51 1.48 0.00
CRESCENT__HYD 24018	35.98 1.03 0.00	36.95 1.12 0.00	34.74 1.13 0.00	31.03 0.95 0.00	27.92 0.83 0.00	30.67 0.94 0.00	34.90 0.95 0.00	36.78 0.96 0.00	31.14 0.72 0.00	32.29 0.77 0.00	28.91 0.66 0.00	29.19 0.59 0.00	26.91 0.65 0.00	26.49 0.58 0.00	26.56 0.73 0.00	26.86 0.86 0.00	29.43 0.89 0.00	34.20 0.97 0.00	42.91 1.24 0.00	44.82 1.25 0.00	38.93 1.09 0.00	41.06 1.25 0.00	32.90 1.09 0.00	32.13 1.09 0.00
CRICKET__VALLEY_CC1 323756	36.18 1.23 0.00	37.03 1.20 0.00	34.67 1.06 0.00	31.02 0.94 0.00	28.15 1.06 0.00	30.78 1.04 0.00	35.08 1.13 0.00	37.09 1.27 0.00	31.63 1.21 0.00	32.82 1.30 0.00	29.52 1.28 0.00	29.81 1.21 0.00	27.53 1.28 0.00	27.23 1.32 0.00	27.26 1.43 0.00	27.49 1.48 0.00	30.15 1.61 0.00	34.97 1.74 0.00	43.64 1.96 0.00	45.46 1.89 0.00	39.50 1.66 0.00	41.56 1.75 0.00	33.28 1.47 0.00	32.43 1.39 0.00
CRICKET__VALLEY_CC2 323757	36.18 1.23 0.00	37.03 1.20 0.00	34.67 1.06 0.00	31.02 0.94 0.00	28.15 1.06 0.00	30.78 1.04 0.00	35.08 1.13 0.00	37.09 1.27 0.00	31.63 1.21 0.00	32.82 1.30 0.00	29.52 1.28 0.00	29.81 1.21 0.00	27.53 1.28 0.00	27.23 1.32 0.00	27.26 1.43 0.00	27.49 1.48 0.00	30.15 1.61 0.00	34.97 1.74 0.00	43.64 1.96 0.00	45.46 1.89 0.00	39.50 1.66 0.00	41.56 1.75 0.00	33.28 1.47 0.00	32.43 1.39 0.00
CRICKET__VALLEY_CC3 323758	36.18 1.23 0.00	37.03 1.20 0.00	34.67 1.06 0.00	31.02 0.94 0.00	28.15 1.06 0.00	30.78 1.04 0.00	35.08 1.13 0.00	37.09 1.27 0.00	31.63 1.21 0.00	32.82 1.30 0.00	29.52 1.28 0.00	29.81 1.21 0.00	27.53 1.28 0.00	27.23 1.32 0.00	27.26 1.43 0.00	27.49 1.48 0.00	30.15 1.61 0.00	34.97 1.74 0.00	43.64 1.96 0.00	45.46 1.89 0.00	39.50 1.66 0.00	41.56 1.75 0.00	33.28 1.47 0.00	32.43 1.39 0.00
CRUCIBLE_METL_DRP 24180	34.48 -0.47 0.00	35.30 -0.53 0.00	33.09 -0.52 0.00	29.63 -0.45 0.00	26.71 -0.38 0.00	29.35 -0.38 0.00	33.34 -0.44 0.17	35.38 -0.44 0.00	30.07 -0.35 0.00	31.11 -0.41 0.00	27.85 -0.40 0.00	28.18 -0.42 0.00	25.81 -0.45 0.00	25.48 -0.43 0.00	25.38 -0.45 0.00	25.50 -0.50 0.00	27.99 -0.55 0.00	32.65 -0.58 0.00	41.04 -0.64 0.00	43.00 -0.57 0.00	37.35 -0.49 0.00	39.27 -0.54 0.00	31.37 -0.44 0.00	30.61 -0.43 0.00
DAHOWA__HYDRO 323763	36.09 1.13 0.00	37.01 1.18 0.00	34.82 1.21 0.00	31.12 1.04 0.00	28.05 0.96 0.00	30.87 1.13 0.00	35.14 1.19 0.00	36.94 1.11 0.00	31.02 0.60 0.00	31.97 0.44 0.00	28.55 0.30 0.00	28.78 0.18 0.00	26.52 0.26 0.00	26.10 0.19 0.00	26.18 0.35 0.00	26.49 0.49 0.00	29.12 0.59 0.00	34.01 0.78 0.00	42.92 1.25 0.00	45.02 1.45 0.00	39.12 1.28 0.00	41.30 1.49 0.00	33.07 1.26 0.00	32.29 1.26 0.00
DANC__LFGE 323619	33.20 -1.75 0.00	33.72 -2.10 0.00	31.84 -1.78 0.00	28.36 -1.72 0.00	25.75 -1.34 0.00	28.43 -1.31 0.00	32.81 -1.14 0.00	34.09 -1.73 0.00	28.27 -2.15 0.00	29.26 -2.27 0.00	26.19 -2.05 0.00	26.38 -2.22 0.00	24.22 -2.03 0.00	23.88 -2.04 0.00	23.70 -2.13 0.00	23.83 -2.18 0.00	25.92 -2.62 0.00	30.28 -2.95 0.00	38.71 -2.97 0.00	41.49 -2.08 0.00	36.51 -1.33 0.00	38.17 -1.64 0.00	30.29 -1.52 0.00	29.20 -1.83 0.00
DANSKAMMER__1 23586	36.74 1.79 0.00	37.59 1.76 0.00	35.16 1.55 0.00	31.45 1.37 0.00	28.45 1.36 0.00	31.17 1.43 0.00	35.75 1.67 -0.13	37.68 1.86 0.00	32.19 1.77 0.00	33.38 1.86 0.00	29.95 1.70 0.00	30.23 1.63 0.00	27.84 1.58 0.00	27.56 1.65 0.00	27.60 1.77 0.00	27.80 1.79 0.00	30.52 1.98 0.00	35.48 2.25 0.00	44.32 2.65 0.00	46.19 2.62 0.00	40.11 2.27 0.00	42.17 2.36 0.00	33.76 1.95 0.00	32.90 1.86 0.00
DANSKAMMER__2 23589	36.74 1.79 0.00	37.59 1.76 0.00	35.16 1.55 0.00	31.45 1.37 0.00	28.45 1.36 0.00	31.17 1.43 0.00	35.75 1.67 -0.13	37.68 1.86 0.00	32.19 1.77 0.00	33.38 1.86 0.00	29.95 1.70 0.00	30.23 1.63 0.00	27.84 1.58 0.00	27.56 1.65 0.00	27.60 1.77 0.00	27.80 1.79 0.00	30.52 1.98 0.00	35.48 2.25 0.00	44.32 2.65 0.00	46.19 2.62 0.00	40.11 2.27 0.00	42.17 2.36 0.00	33.76 1.95 0.00	32.90 1.86 0.00
DANSKAMMER__3 23590	36.74 1.79 0.00	37.59 1.76 0.00	35.16 1.55 0.00	31.45 1.37 0.00	28.45 1.36 0.00	31.17 1.43 0.00	35.75 1.67 -0.13	37.68 1.86 0.00	32.19 1.77 0.00	33.38 1.86 0.00	29.95 1.70 0.00	30.23 1.63 0.00	27.84 1.58 0.00	27.56 1.65 0.00	27.60 1.77 0.00	27.80 1.79 0.00	30.52 1.98 0.00	35.48 2.25 0.00	44.32 2.65 0.00	46.19 2.62 0.00	40.11 2.27 0.00	42.17 2.36 0.00	33.76 1.95 0.00	32.90 1.86 0.00

DANSKAMMER___4 23591	36.74 1.79 0.00	37.59 1.76 0.00	35.16 1.55 0.00	31.45 1.37 0.00	28.45 1.36 0.00	31.17 1.43 0.00	35.75 1.67 -0.13	37.68 1.86 0.00	32.19 1.77 0.00	33.38 1.86 0.00	29.95 1.70 0.00	30.23 1.63 0.00	27.84 1.58 0.00	27.56 1.65 0.00	27.60 1.77 0.00	27.80 1.79 0.00	30.52 1.98 0.00	35.48 2.25 0.00	44.32 2.65 0.00	46.19 2.62 0.00	40.11 2.27 0.00	42.17 2.36 0.00	33.76 1.95 0.00	32.90 1.86 0.00
DANSKAMMER___DIESEL 23592	36.74 1.79 0.00	37.59 1.76 0.00	35.16 1.55 0.00	31.45 1.37 0.00	28.45 1.36 0.00	31.17 1.44 0.00	35.75 1.67 -0.13	37.68 1.86 0.00	32.19 1.77 0.00	33.38 1.86 0.00	29.94 1.70 0.00	30.23 1.63 0.00	27.84 1.58 0.00	27.56 1.65 0.00	27.60 1.77 0.00	27.80 1.79 0.00	30.52 1.98 0.00	35.48 2.25 0.00	44.32 2.65 0.00	46.19 2.62 0.00	40.11 2.27 0.00	42.16 2.35 0.00	33.76 1.95 0.00	32.90 1.86 0.00
DARBY___SOLAR 323810	36.04 1.09 0.00	36.98 1.16 0.00	34.78 1.17 0.00	31.09 1.01 0.00	28.00 0.91 0.00	30.81 1.08 0.00	35.08 1.13 0.00	36.87 1.05 0.00	31.02 0.60 0.00	31.99 0.46 0.00	28.58 0.33 0.00	28.82 0.21 0.00	26.55 0.29 0.00	26.14 0.22 0.00	26.21 0.38 0.00	26.52 0.51 0.00	29.15 0.62 0.00	34.03 0.80 0.00	42.91 1.24 0.00	44.96 1.39 0.00	39.06 1.22 0.00	41.22 1.41 0.00	33.01 1.20 0.00	32.24 1.20 0.00
DASHVILLE___HYD 23610	36.57 1.62 0.00	37.40 1.56 0.00	34.96 1.35 0.00	31.28 1.20 0.00	28.31 1.22 0.00	31.00 1.26 0.00	35.56 1.48 -0.13	37.50 1.68 0.00	32.12 1.70 0.00	33.39 1.86 0.00	29.95 1.71 0.00	30.27 1.66 0.00	27.87 1.62 0.00	27.60 1.69 0.00	27.64 1.81 0.00	27.73 1.72 0.00	30.32 1.79 0.00	35.22 1.98 0.00	43.94 2.26 0.00	45.79 2.22 0.00	39.78 1.94 0.00	41.85 2.04 0.00	33.51 1.70 0.00	32.68 1.64 0.00
DELAWARE___LFGE 323621	35.83 0.88 0.00	36.82 0.99 0.00	34.48 0.87 0.00	30.79 0.71 0.00	27.70 0.62 0.00	30.39 0.66 0.00	35.10 0.79 -0.37	36.67 0.85 0.00	31.17 0.74 0.00	32.27 0.75 0.00	28.90 0.66 0.00	29.24 0.63 0.00	26.85 0.59 0.00	26.54 0.62 0.00	26.50 0.67 0.00	26.69 0.68 0.00	29.34 0.80 0.00	34.19 0.96 0.00	42.94 1.26 0.00	44.82 1.25 0.00	38.88 1.04 0.00	40.95 1.15 0.00	32.73 0.93 0.00	31.90 0.86 0.00
DERFIELD_115KV_TB7 355931	34.99 0.04 0.00	35.90 0.07 0.00	33.68 0.07 0.00	30.11 0.03 0.00	27.11 0.03 0.00	29.77 0.03 0.00	33.99 0.03 0.00	35.85 0.04 0.00	30.43 0.01 0.00	31.52 0.00 0.00	28.25 0.00 0.00	28.59 -0.01 0.00	26.25 0.00 0.00	25.92 0.01 0.00	25.86 0.04 0.00	26.05 0.05 0.00	28.58 0.04 0.00	33.25 0.02 0.00	41.73 0.05 0.00	43.64 0.07 0.00	37.89 0.05 0.00	39.89 0.08 0.00	31.89 0.08 0.00	31.10 0.06 0.00
DOGLEVILLE___HYD 23807	35.78 0.83 0.00	36.87 1.05 0.00	34.59 0.98 0.00	30.88 0.80 0.00	27.79 0.70 0.00	30.64 0.90 0.00	34.90 0.95 0.00	36.38 0.56 0.00	30.04 -0.38 0.00	30.66 -0.87 0.00	27.34 -0.91 0.00	27.52 -1.08 0.00	25.24 -1.01 0.00	24.90 -1.02 0.00	24.92 -0.91 0.00	25.20 -0.80 0.00	27.72 -0.82 0.00	32.53 -0.70 0.00	41.78 0.10 0.00	44.51 0.93 0.00	38.58 0.75 0.00	40.55 0.74 0.00	32.50 0.70 0.00	31.60 0.56 0.00
DUNKIRK___115KV_TB_200 55889	33.58 -1.37 0.00	34.01 -1.81 0.00	31.75 -1.86 0.00	28.69 -1.39 0.00	25.72 -1.37 0.00	28.25 -1.48 0.00	30.66 -2.13 1.16	33.85 -1.97 0.00	29.20 -1.22 0.00	30.36 -1.17 0.00	27.27 -0.97 0.00	28.07 -0.54 0.00	25.23 -1.03 0.00	25.11 -0.80 0.00	24.57 -1.27 0.00	24.22 -1.79 0.00	26.64 -1.90 0.00	31.19 -2.04 0.00	38.61 -3.07 0.00	40.47 -3.10 0.00	35.16 -2.67 0.00	36.84 -2.97 0.00	29.52 -2.29 0.00	29.03 -2.01 0.00
DUNKIRK___1 23563	33.58 -1.37 0.00	34.01 -1.81 0.00	31.75 -1.86 0.00	28.69 -1.39 0.00	25.72 -1.37 0.00	28.25 -1.48 0.00	30.66 -2.13 1.16	33.85 -1.97 0.00	29.20 -1.22 0.00	30.36 -1.17 0.00	27.27 -0.97 0.00	28.07 -0.54 0.00	25.23 -1.03 0.00	25.11 -0.80 0.00	24.57 -1.27 0.00	24.22 -1.79 0.00	26.64 -1.90 0.00	31.19 -2.04 0.00	38.61 -3.07 0.00	40.47 -3.10 0.00	35.16 -2.67 0.00	36.84 -2.97 0.00	29.52 -2.29 0.00	29.03 -2.01 0.00
DUNKIRK___2 23564	33.58 -1.37 0.00	34.01 -1.81 0.00	31.75 -1.86 0.00	28.69 -1.39 0.00	25.72 -1.37 0.00	28.25 -1.48 0.00	30.66 -2.13 1.16	33.85 -1.97 0.00	29.20 -1.22 0.00	30.36 -1.17 0.00	27.27 -0.97 0.00	28.07 -0.54 0.00	25.23 -1.03 0.00	25.11 -0.80 0.00	24.57 -1.27 0.00	24.22 -1.79 0.00	26.64 -1.90 0.00	31.19 -2.04 0.00	38.61 -3.07 0.00	40.47 -3.10 0.00	35.16 -2.67 0.00	36.84 -2.97 0.00	29.52 -2.29 0.00	29.03 -2.01 0.00
DUNKIRK___3 23565	33.39 -1.56 0.00	33.80 -2.03 0.00	31.57 -2.04 0.00	28.52 -1.55 0.00	25.57 -1.52 0.00	28.06 -1.67 0.00	30.47 -2.32 1.16	33.62 -2.20 0.00	29.00 -1.42 0.00	30.19 -1.34 0.00	27.11 -1.14 0.00	27.91 -0.69 0.00	25.10 -1.15 0.00	24.98 -0.93 0.00	24.44 -1.39 0.00	24.09 -1.92 0.00	26.48 -2.05 0.00	30.98 -2.25 0.00	38.33 -3.34 0.00	40.17 -3.40 0.00	34.89 -2.95 0.00	36.58 -3.23 0.00	29.35 -2.45 0.00	28.89 -2.15 0.00
DUNKIRK___4 23566	33.39 -1.56 0.00	33.80 -2.03 0.00	31.57 -2.04 0.00	28.52 -1.55 0.00	25.57 -1.52 0.00	28.06 -1.67 0.00	30.47 -2.32 1.16	33.62 -2.20 0.00	29.00 -1.42 0.00	30.19 -1.34 0.00	27.11 -1.14 0.00	27.91 -0.69 0.00	25.10 -1.15 0.00	24.98 -0.93 0.00	24.44 -1.39 0.00	24.09 -1.92 0.00	26.48 -2.05 0.00	30.98 -2.25 0.00	38.33 -3.34 0.00	40.17 -3.40 0.00	34.89 -2.95 0.00	36.58 -3.23 0.00	29.35 -2.45 0.00	28.89 -2.15 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.64 1.69 0.00	37.47 1.65 0.00	35.05 1.44 0.00	31.36 1.28 0.00	28.39 1.30 0.00	31.07 1.34 0.00	35.63 1.55 -0.13	37.55 1.73 0.00	32.10 1.68 0.00	33.38 1.86 0.00	30.02 1.77 0.00	30.34 1.73 0.00	27.93 1.68 0.00	27.71 1.79 0.00	27.74 1.91 0.00	27.92 1.91 0.00	30.64 2.11 0.00	35.58 2.35 0.00	44.29 2.61 0.00	46.04 2.47 0.00	39.99 2.15 0.00	42.05 2.24 0.00	33.71 1.90 0.00	32.87 1.83 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.59 1.64 0.00	37.43 1.61 0.00	35.01 1.40 0.00	31.31 1.23 0.00	28.31 1.22 0.00	31.01 1.27 0.00	35.59 1.50 -0.13	37.49 1.67 0.00	32.09 1.67 0.00	33.29 1.77 0.00	29.85 1.60 0.00	30.15 1.54 0.00	27.75 1.50 0.00	27.48 1.56 0.00	27.51 1.68 0.00	27.72 1.71 0.00	30.38 1.84 0.00	35.32 2.09 0.00	44.12 2.45 0.00	46.00 2.43 0.00	39.95 2.11 0.00	41.97 2.16 0.00	33.60 1.79 0.00	32.76 1.72 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.78 1.83 0.00	37.60 1.77 0.00	35.19 1.58 0.00	31.48 1.40 0.00	28.50 1.41 0.00	31.10 1.37 0.00	35.79 1.72 -0.13	37.72 1.90 0.00	32.27 1.85 0.00	33.57 2.04 0.00	30.17 1.92 0.00	30.49 1.89 0.00	28.08 1.83 0.00	27.90 1.99 0.00	27.86 2.03 0.00	28.05 2.05 0.00	30.78 2.24 0.00	35.71 2.48 0.00	44.39 2.72 0.00	46.12 2.55 0.00	40.14 2.30 0.00	42.16 2.36 0.00	33.83 2.02 0.00	32.95 1.92 0.00

E179THST_13_KV_LOAD 356214	36.91 1.96 0.00	37.73 1.90 0.00	35.31 1.70 0.00	31.58 1.50 0.00	28.59 1.50 0.00	31.21 1.48 0.00	35.93 1.85 -0.13	37.86 2.04 0.00	32.39 1.97 0.00	33.72 2.19 0.00	30.29 2.04 0.00	30.61 2.01 0.00	28.20 1.95 0.00	28.03 2.11 0.00	27.97 2.14 0.00	28.17 2.16 0.00	30.90 2.37 0.00	35.86 2.62 0.00	44.59 2.91 0.00	46.32 2.75 0.00	40.30 2.47 0.00	42.33 2.52 0.00	33.96 2.15 0.00	33.08 2.04 0.00
EAST HAMPTON___GT 23717	36.80 1.85 0.00	38.23 2.41 0.00	35.86 2.24 0.00	32.21 2.13 0.00	33.44 2.58 -3.77	33.15 2.87 -0.55	37.28 3.00 -0.32	40.89 3.28 -1.80	34.55 3.12 -1.00	34.37 2.85 0.00	31.02 2.78 0.00	31.08 2.48 0.00	28.23 1.98 0.00	27.85 1.93 0.00	27.94 2.11 0.00	28.13 2.12 0.00	31.09 2.55 0.00	36.56 3.06 -0.27	49.46 3.46 -4.32	51.30 3.15 -4.57	43.65 2.62 -3.19	43.62 3.13 -0.68	36.33 3.24 -1.28	43.53 3.38 -9.11
EAST RIVER___6 23660	36.80 1.85 0.00	37.59 1.77 0.00	35.15 1.54 0.00	31.46 1.38 0.00	28.48 1.39 0.00	31.18 1.44 0.00	35.77 1.70 -0.13	37.67 1.85 0.00	32.24 1.82 0.00	33.56 2.04 0.00	30.19 1.94 0.00	30.52 1.92 0.00	28.10 1.85 0.00	27.91 1.99 0.00	27.93 2.10 0.00	28.13 2.12 0.00	30.86 2.33 0.00	35.82 2.58 0.00	44.53 2.85 0.00	46.25 2.68 0.00	40.17 2.34 0.00	42.23 2.42 0.00	33.85 2.04 0.00	32.97 1.94 0.00
EAST RIVER___7 23524	36.80 1.85 0.00	37.59 1.77 0.00	35.15 1.54 0.00	31.46 1.38 0.00	28.48 1.39 0.00	31.18 1.44 0.00	35.77 1.70 -0.13	37.67 1.85 0.00	32.24 1.82 0.00	33.56 2.04 0.00	30.19 1.94 0.00	30.52 1.92 0.00	28.10 1.85 0.00	27.91 1.99 0.00	27.93 2.10 0.00	28.13 2.12 0.00	30.86 2.33 0.00	35.82 2.58 0.00	44.53 2.85 0.00	46.25 2.68 0.00	40.17 2.34 0.00	42.23 2.42 0.00	33.85 2.04 0.00	32.97 1.94 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.57 1.62 0.00	37.40 1.57 0.00	34.98 1.37 0.00	31.29 1.21 0.00	28.32 1.23 0.00	31.00 1.27 0.00	35.56 1.48 -0.13	37.47 1.65 0.00	32.01 1.59 0.00	33.28 1.76 0.00	29.92 1.68 0.00	30.25 1.64 0.00	27.85 1.59 0.00	27.62 1.70 0.00	27.64 1.81 0.00	27.84 1.83 0.00	30.55 2.02 0.00	35.47 2.24 0.00	44.18 2.51 0.00	45.95 2.38 0.00	39.92 2.08 0.00	41.97 2.16 0.00	33.64 1.83 0.00	32.80 1.76 0.00
EAST_HAMPTON___DIESEL 23722	36.76 1.81 0.00	38.21 2.38 0.00	35.83 2.23 0.00	32.19 2.11 0.00	33.44 2.58 -3.77	33.15 2.87 -0.55	37.28 3.01 -0.32	40.89 3.28 -1.80	34.55 3.12 -1.00	34.37 2.85 0.00	31.03 2.78 0.00	31.08 2.48 0.00	28.24 1.98 0.00	27.85 1.94 0.00	27.94 2.11 0.00	28.12 2.12 0.00	31.08 2.54 0.00	36.54 3.04 -0.27	49.46 3.46 -4.32	51.28 3.14 -4.57	43.63 2.61 -3.19	43.61 3.12 -0.68	36.33 3.24 -1.28	43.53 3.39 -9.11
EAST_POINT___SOLAR 323840	36.52 1.57 0.00	37.42 1.59 0.00	35.06 1.45 0.00	31.40 1.32 0.00	28.32 1.23 0.00	31.14 1.41 0.00	35.70 1.75 0.00	37.17 1.35 0.00	30.58 0.15 0.00	31.26 -0.27 0.00	27.92 -0.32 0.00	28.24 -0.36 0.00	25.90 -0.36 0.00	25.53 -0.39 0.00	25.43 -0.40 0.00	25.61 -0.39 0.00	28.26 -0.28 0.00	32.94 -0.29 0.00	42.64 0.97 0.00	45.39 1.82 0.00	39.65 1.81 0.00	41.62 1.81 0.00	33.20 1.39 0.00	32.31 1.27 0.00
EAST_PULASKI___ESR 323781	33.96 -0.99 0.00	34.76 -1.07 0.00	32.60 -1.01 0.00	29.18 -0.89 0.00	26.32 -0.76 0.00	28.93 -0.80 0.00	33.08 -0.87 0.00	34.83 -0.98 0.00	29.59 -0.83 0.00	30.58 -0.95 0.00	27.38 -0.87 0.00	27.73 -0.87 0.00	25.44 -0.81 0.00	25.06 -0.86 0.00	24.97 -0.86 0.00	25.11 -0.90 0.00	27.52 -1.02 0.00	32.08 -1.15 0.00	40.33 -1.34 0.00	42.26 -1.31 0.00	36.81 -1.03 0.00	38.65 -1.16 0.00	30.94 -0.88 0.00	30.15 -0.88 0.00
EAST_RIVER___1 323558	36.76 1.81 0.00	37.56 1.73 0.00	35.12 1.51 0.00	31.43 1.35 0.00	28.45 1.37 0.00	31.14 1.41 0.00	35.74 1.66 -0.13	37.67 1.85 0.00	32.23 1.81 0.00	33.55 2.02 0.00	30.17 1.92 0.00	30.50 1.90 0.00	28.09 1.83 0.00	27.89 1.97 0.00	27.91 2.07 0.00	28.09 2.09 0.00	30.82 2.28 0.00	35.76 2.53 0.00	44.47 2.80 0.00	46.20 2.63 0.00	40.13 2.30 0.00	42.19 2.39 0.00	33.83 2.02 0.00	32.97 1.93 0.00
EAST_RIVER___2 323559	36.80 1.85 0.00	37.59 1.77 0.00	35.15 1.54 0.00	31.46 1.38 0.00	28.48 1.39 0.00	31.18 1.44 0.00	35.77 1.70 -0.13	37.67 1.85 0.00	32.24 1.82 0.00	33.56 2.04 0.00	30.19 1.94 0.00	30.52 1.92 0.00	28.10 1.85 0.00	27.91 1.99 0.00	27.93 2.10 0.00	28.13 2.12 0.00	30.86 2.33 0.00	35.82 2.58 0.00	44.53 2.85 0.00	46.25 2.68 0.00	40.17 2.34 0.00	42.23 2.42 0.00	33.85 2.04 0.00	32.97 1.94 0.00
EAST___DELAWARE_HYD 23607	36.45 1.50 0.00	37.29 1.46 0.00	34.90 1.29 0.00	31.21 1.13 0.00	28.23 1.14 0.00	30.97 1.23 0.00	35.58 1.47 -0.16	37.41 1.60 0.00	31.88 1.46 0.00	32.97 1.45 0.00	29.46 1.21 0.00	29.75 1.15 0.00	27.24 0.98 0.00	26.31 0.39 0.00	26.26 0.43 0.00	26.44 0.43 0.00	29.07 0.54 0.00	33.90 0.66 0.00	42.55 0.87 0.00	44.45 0.88 0.00	38.71 0.87 0.00	41.57 1.76 0.00	33.25 1.45 0.00	32.38 1.34 0.00
EIGHT_POINT___WT_PWR 323820	34.16 -0.79 0.00	34.67 -1.16 0.00	32.31 -1.30 0.00	29.04 -1.04 0.00	25.89 -1.20 0.00	28.29 -1.45 0.00	30.16 -2.04 1.75	33.95 -1.87 0.00	29.30 -1.12 0.00	30.12 -1.41 0.00	27.27 -0.98 0.00	28.06 -0.54 0.00	25.32 -0.94 0.00	25.15 -0.76 0.00	24.89 -0.94 0.00	24.79 -1.22 0.00	27.18 -1.35 0.00	31.69 -1.55 0.00	39.71 -1.96 0.00	41.76 -1.81 0.00	35.98 -1.86 0.00	37.59 -2.22 0.00	29.85 -1.95 0.00	28.95 -2.08 0.00
ELBRIDGE_115KV_TB2 80188	34.36 -0.59 0.00	35.17 -0.65 0.00	32.97 -0.64 0.00	29.54 -0.54 0.00	26.61 -0.48 0.00	29.24 -0.50 0.00	33.16 -0.58 0.20	35.23 -0.59 0.00	29.96 -0.46 0.00	31.00 -0.53 0.00	27.77 -0.48 0.00	28.10 -0.51 0.00	25.72 -0.53 0.00	25.40 -0.51 0.00	25.29 -0.54 0.00	25.40 -0.61 0.00	27.86 -0.68 0.00	32.49 -0.74 0.00	40.83 -0.85 0.00	42.79 -0.77 0.00	37.18 -0.66 0.00	39.09 -0.72 0.00	31.24 -0.57 0.00	30.48 -0.56 0.00
ELEC_TRO_TEK 24086	36.94 1.99 0.00	37.88 2.05 0.00	35.45 1.84 0.00	31.72 1.64 0.00	32.53 1.67 -3.77	32.00 1.71 -0.55	35.81 1.74 -0.13	37.72 1.90 0.00	33.48 2.06 -1.00	33.69 2.17 0.00	30.31 2.06 0.00	30.51 1.91 0.00	27.97 1.71 0.00	27.72 1.80 0.00	27.81 1.98 0.00	27.96 1.95 0.00	30.73 2.19 0.00	35.75 2.51 0.00	44.35 2.68 0.00	46.02 2.45 0.00	39.92 2.08 0.00	42.13 2.33 0.00	34.21 2.20 -0.19	42.40 2.25 -9.11
ELLENBURG_WT_PWR 323604	35.12 0.18 0.00	36.00 0.17 0.00	33.84 0.23 0.00	30.30 0.22 0.00	27.30 0.21 0.00	30.01 0.27 0.00	34.31 0.36 0.00	36.16 0.34 0.00	30.66 0.24 0.00	31.75 0.22 0.00	28.32 0.08 0.00	28.67 0.07 0.00	26.31 0.06 0.00	25.91 -0.01 0.00	25.78 -0.05 0.00	26.01 0.01 0.00	28.58 0.05 0.00	33.39 0.16 0.00	41.93 0.25 0.00	43.82 0.25 0.00	37.95 0.11 0.00	39.81 0.00 0.00	31.56 -0.25 0.00	30.74 -0.30 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.96 -1.99 0.00	33.31 -2.51 0.00	31.21 -2.40 0.00	28.22 -1.86 0.00	25.30 -1.78 0.00	27.64 -2.09 0.00	30.12 -2.75 1.09	33.14 -2.68 0.00	28.60 -1.82 0.00	29.81 -1.72 0.00	26.72 -1.53 0.00	27.54 -1.06 0.00	24.75 -1.50 0.00	24.62 -1.30 0.00	24.04 -1.80 0.00	23.59 -2.41 0.00	25.98 -2.56 0.00	30.35 -2.88 0.00	37.48 -4.20 0.00	39.23 -4.34 0.00	34.08 -3.76 0.00	35.83 -3.98 0.00	28.84 -2.97 0.00	28.49 -2.55 0.00
EMPIRE_CC_1 323656	36.06 1.11 0.00	37.05 1.22 0.00	34.83 1.22 0.00	31.11 1.03 0.00	27.98 0.89 0.00	30.72 0.98 0.00	34.95 1.00 0.00	36.84 1.02 0.00	31.25 0.83 0.00	32.46 0.93 0.00	29.09 0.85 0.00	29.40 0.79 0.00	27.11 0.85 0.00	26.70 0.79 0.00	26.76 0.93 0.00	27.05 1.05 0.00	29.60 1.07 0.00	34.35 1.12 0.00	43.01 1.33 0.00	44.85 1.28 0.00	38.95 1.11 0.00	41.09 1.28 0.00	32.95 1.14 0.00	32.17 1.14 0.00
EMPIRE_CC_2 323658	36.06 1.11 0.00	37.05 1.22 0.00	34.83 1.22 0.00	31.11 1.03 0.00	27.98 0.89 0.00	30.72 0.98 0.00	34.95 1.00 0.00	36.84 1.02 0.00	31.25 0.83 0.00	32.46 0.93 0.00	29.09 0.85 0.00	29.40 0.79 0.00	27.11 0.85 0.00	26.70 0.79 0.00	26.76 0.93 0.00	27.05 1.05 0.00	29.60 1.07 0.00	34.35 1.12 0.00	43.01 1.33 0.00	44.85 1.28 0.00	38.95 1.11 0.00	41.09 1.28 0.00	32.95 1.14 0.00	32.17 1.14 0.00
ENORWICH_115KV_TB1 80156	37.10 2.15 0.00	37.94 2.11 0.00	35.46 1.85 0.00	31.71 1.63 0.00	28.59 1.50 0.00	31.58 1.84 0.00	36.40 2.25 -0.20	38.11 2.29 0.00	32.03 1.61 0.00	32.64 1.11 0.00	28.66 0.41 0.00	28.77 0.16 0.00	26.29 0.04 0.00	26.02 0.11 0.00	25.97 0.14 0.00	26.16 0.15 0.00	28.88 0.34 0.00	34.07 0.84 0.00	44.08 2.40 0.00	46.58 3.01 0.00	40.44 2.61 0.00	42.51 2.70 0.00	33.86 2.05 0.00	32.63 1.59 0.00
ERIE_ST__34_KV_TB1-2 80199	33.10 -1.85 0.00	33.44 -2.39 0.00	31.29 -2.32 0.00	28.28 -1.80 0.00	25.35 -1.74 0.00	27.71 -2.03 0.00	30.22 -2.59 1.14	33.33 -2.49 0.00	28.77 -1.65 0.00	29.96 -1.56 0.00	26.87 -1.38 0.00	27.70 -0.91 0.00	24.87 -1.38 0.00	24.80 -1.12 0.00	24.19 -1.65 0.00	23.76 -2.25 0.00	26.14 -2.39 0.00	30.56 -2.67 0.00	37.78 -3.90 0.00	39.55 -4.02 0.00	34.36 -3.47 0.00	36.11 -3.70 0.00	29.04 -2.77 0.00	28.63 -2.41 0.00
ERIE_WT_PWR 323693	33.10 -1.85 0.00	33.48 -2.35 0.00	31.36 -2.25 0.00	28.34 -1.74 0.00	25.37 -1.72 0.00	27.74 -2.00 0.00	30.19 -2.64 1.12	33.27 -2.55 0.00	28.72 -1.71 0.00	29.89 -1.64 0.00	26.82 -1.43 0.00	27.64 -0.96 0.00	24.84 -1.42 0.00	24.73 -1.19 0.00	24.12 -1.72 0.00	23.69 -2.31 0.00	26.07 -2.46 0.00	30.46 -2.77 0.00	37.63 -4.04 0.00	39.41 -4.16 0.00	34.24 -3.60 0.00	35.97 -3.84 0.00	28.91 -2.90 0.00	28.56 -2.48 0.00
ESPRGFLD_115KV_TB1 80157	36.04 1.09 0.00	36.95 1.12 0.00	34.58 0.97 0.00	30.93 0.85 0.00	27.87 0.79 0.00	30.60 0.86 0.00	35.30 1.14 -0.20	37.06 1.24 0.00	31.48 1.06 0.00	32.59 1.06 0.00	29.17 0.92 0.00	29.56 0.95 0.00	27.06 0.81 0.00	26.74 0.83 0.00	26.61 0.78 0.00	26.74 0.73 0.00	29.46 0.92 0.00	34.31 1.08 0.00	43.15 1.47 0.00	45.24 1.68 0.00	39.44 1.60 0.00	41.38 1.57 0.00	32.95 1.14 0.00	32.01 0.98 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.21 0.26 0.00	36.03 0.20 0.00	33.72 0.12 0.00	30.21 0.13 0.00	27.20 0.11 0.00	29.92 0.19 0.00	33.78 0.23 0.41	36.09 0.27 0.00	30.61 0.18 0.00	31.55 0.02 0.00	28.09 -0.15 0.00	28.36 -0.24 0.00	25.92 -0.33 0.00	25.62 -0.29 0.00	25.53 -0.30 0.00	25.67 -0.34 0.00	28.18 -0.35 0.00	32.99 -0.24 0.00	41.80 0.12 0.00	43.99 0.42 0.00	38.21 0.37 0.00	40.18 0.37 0.00	32.07 0.26 0.00	31.22 0.18 0.00
ETNA_____115KV_TB2 80207	35.21 0.26 0.00	36.03 0.20 0.00	33.72 0.12 0.00	30.21 0.13 0.00	27.20 0.11 0.00	29.92 0.19 0.00	33.78 0.23 0.41	36.09 0.27 0.00	30.61 0.18 0.00	31.55 0.02 0.00	28.09 -0.15 0.00	28.36 -0.24 0.00	25.92 -0.33 0.00	25.62 -0.29 0.00	25.53 -0.30 0.00	25.67 -0.34 0.00	28.18 -0.35 0.00	32.99 -0.24 0.00	41.80 0.12 0.00	43.99 0.42 0.00	38.21 0.37 0.00	40.18 0.37 0.00	32.07 0.26 0.00	31.22 0.18 0.00
EUCLID__115KV_TB2 356179	34.17 -0.78 0.00	35.00 -0.83 0.00	32.81 -0.81 0.00	29.39 -0.69 0.00	26.48 -0.61 0.00	29.07 -0.67 0.00	33.18 -0.77 0.00	35.04 -0.78 0.00	29.80 -0.62 0.00	30.87 -0.66 0.00	27.66 -0.59 0.00	28.01 -0.59 0.00	25.68 -0.58 0.00	25.35 -0.56 0.00	25.25 -0.58 0.00	25.36 -0.64 0.00	27.81 -0.72 0.00	32.39 -0.84 0.00	40.67 -1.01 0.00	42.54 -1.03 0.00	36.96 -0.88 0.00	38.87 -0.94 0.00	31.06 -0.74 0.00	30.32 -0.72 0.00
E_CANADA_CAP_HY 24051	36.08 1.13 0.00	36.97 1.14 0.00	34.65 1.04 0.00	31.03 0.95 0.00	27.98 0.89 0.00	30.72 0.99 0.00	35.38 1.29 -0.14	37.04 1.22 0.00	31.25 0.83 0.00	32.32 0.79 0.00	28.96 0.71 0.00	29.37 0.76 0.00	26.92 0.66 0.00	26.56 0.64 0.00	26.42 0.59 0.00	26.55 0.54 0.00	29.23 0.70 0.00	33.90 0.66 0.00	42.71 1.03 0.00	45.07 1.50 0.00	39.44 1.60 0.00	41.36 1.55 0.00	32.96 1.15 0.00	32.04 1.00 0.00
E_CANADA_MHWK_HY 24050	35.78 0.83 0.00	36.87 1.05 0.00	34.59 0.98 0.00	30.88 0.80 0.00	27.79 0.70 0.00	30.64 0.90 0.00	34.90 0.95 0.00	36.38 0.56 0.00	30.04 -0.38 0.00	30.65 -0.87 0.00	27.34 -0.91 0.00	27.52 -1.08 0.00	25.24 -1.01 0.00	24.89 -1.02 0.00	24.92 -0.91 0.00	25.20 -0.80 0.00	27.72 -0.82 0.00	32.54 -0.70 0.00	41.78 0.10 0.00	44.50 0.93 0.00	38.58 0.75 0.00	40.55 0.74 0.00	32.50 0.70 0.00	31.60 0.56 0.00
E_FISHKILL__LBMP 23776	36.36 1.41 0.00	37.21 1.38 0.00	34.84 1.23 0.00	31.15 1.08 0.00	28.18 1.10 0.00	30.86 1.12 0.00	35.23 1.28 0.00	37.24 1.42 0.00	31.77 1.35 0.00	33.01 1.48 0.00	29.67 1.42 0.00	29.98 1.38 0.00	27.62 1.37 0.00	27.36 1.45 0.00	27.38 1.55 0.00	27.58 1.58 0.00	30.26 1.72 0.00	35.12 1.89 0.00	43.81 2.13 0.00	45.60 2.03 0.00	39.61 1.77 0.00	41.68 1.87 0.00	33.38 1.57 0.00	32.55 1.51 0.00
FALCON__SEABRD_CC1 323796	35.41 0.46 0.00	36.32 0.49 0.00	34.17 0.56 0.00	30.59 0.51 0.00	27.56 0.47 0.00	30.31 0.58 0.00	34.62 0.67 0.00	36.46 0.64 0.00	30.91 0.49 0.00	31.97 0.44 0.00	28.52 0.27 0.00	28.83 0.23 0.00	26.51 0.25 0.00	26.09 0.18 0.00	26.01 0.17 0.00	26.23 0.22 0.00	28.82 0.28 0.00	33.66 0.43 0.00	42.24 0.57 0.00	44.19 0.61 0.00	38.32 0.48 0.00	40.22 0.41 0.00	31.90 0.09 0.00	31.05 0.01 0.00
FALCON__SEABRD_CC2 323797	35.41 0.46 0.00	36.32 0.49 0.00	34.17 0.56 0.00	30.59 0.51 0.00	27.56 0.47 0.00	30.31 0.58 0.00	34.62 0.67 0.00	36.46 0.64 0.00	30.91 0.49 0.00	31.97 0.44 0.00	28.52 0.27 0.00	28.83 0.23 0.00	26.51 0.25 0.00	26.09 0.18 0.00	26.01 0.17 0.00	26.23 0.22 0.00	28.82 0.28 0.00	33.66 0.43 0.00	42.24 0.57 0.00	44.19 0.61 0.00	38.32 0.48 0.00	40.22 0.41 0.00	31.90 0.09 0.00	31.05 0.01 0.00

FAR ROCKAWAY___4 23548	37.46 2.51 0.00	38.39 2.56 0.00	35.93 2.31 0.00	32.14 2.06 0.00	32.91 2.05 -3.77	32.42 2.14 -0.55	36.31 2.24 -0.13	38.25 2.43 0.00	33.92 2.50 -1.00	34.16 2.63 0.00	30.72 2.47 0.00	30.92 2.31 0.00	28.34 2.09 0.00	28.10 2.18 0.00	28.19 2.36 0.00	28.33 2.32 0.00	31.19 2.65 0.00	36.28 3.05 0.00	45.12 3.44 0.00	46.80 3.23 0.00	40.63 2.79 0.00	42.82 3.01 0.00	34.75 2.75 -0.19	42.89 2.74 -9.11
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.75 1.80 0.00	37.56 1.73 0.00	35.11 1.50 0.00	31.42 1.34 0.00	28.45 1.36 0.00	31.13 1.40 0.00	35.74 1.66 -0.13	37.68 1.86 0.00	32.23 1.81 0.00	33.54 2.02 0.00	30.17 1.92 0.00	30.50 1.90 0.00	28.08 1.83 0.00	27.89 1.97 0.00	27.91 2.08 0.00	28.08 2.08 0.00	30.82 2.28 0.00	35.75 2.52 0.00	44.47 2.80 0.00	46.20 2.63 0.00	40.14 2.30 0.00	42.20 2.39 0.00	33.83 2.02 0.00	32.97 1.93 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.75 1.80 0.00	37.56 1.73 0.00	35.13 1.51 0.00	31.43 1.36 0.00	28.46 1.37 0.00	31.14 1.41 0.00	35.76 1.68 -0.13	37.68 1.87 0.00	32.23 1.81 0.00	33.54 2.02 0.00	30.17 1.92 0.00	30.50 1.90 0.00	28.08 1.83 0.00	27.88 1.97 0.00	27.90 2.07 0.00	28.08 2.08 0.00	30.82 2.28 0.00	35.76 2.52 0.00	44.48 2.80 0.00	46.21 2.64 0.00	40.16 2.32 0.00	42.21 2.40 0.00	33.84 2.03 0.00	32.98 1.94 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.72 1.77 0.00	37.54 1.71 0.00	35.10 1.49 0.00	31.41 1.33 0.00	28.44 1.35 0.00	31.13 1.39 0.00	35.73 1.65 -0.13	37.66 1.85 0.00	32.22 1.80 0.00	33.53 2.01 0.00	30.17 1.92 0.00	30.49 1.89 0.00	28.08 1.82 0.00	27.87 1.96 0.00	27.89 2.06 0.00	28.08 2.07 0.00	30.81 2.27 0.00	35.75 2.51 0.00	44.45 2.77 0.00	46.18 2.61 0.00	40.13 2.29 0.00	42.18 2.37 0.00	33.82 2.01 0.00	32.96 1.92 0.00
FARRAGUT___LBMP 323566	36.70 1.75 0.00	37.52 1.69 0.00	35.08 1.47 0.00	31.39 1.31 0.00	28.43 1.34 0.00	31.10 1.37 0.00	35.70 1.62 -0.13	37.63 1.81 0.00	32.19 1.77 0.00	33.50 1.98 0.00	30.13 1.89 0.00	30.46 1.86 0.00	28.05 1.79 0.00	27.84 1.93 0.00	27.86 2.03 0.00	28.05 2.04 0.00	30.77 2.24 0.00	35.71 2.48 0.00	44.41 2.73 0.00	46.14 2.57 0.00	40.09 2.25 0.00	42.15 2.34 0.00	33.78 1.98 0.00	32.93 1.90 0.00
FENNER___WINDPWR 24204	35.29 0.34 0.00	36.13 0.30 0.00	33.89 0.28 0.00	30.32 0.24 0.00	27.33 0.24 0.00	30.07 0.33 0.00	34.40 0.45 0.00	36.25 0.43 0.00	30.65 0.22 0.00	31.60 0.08 0.00	28.16 -0.09 0.00	28.44 -0.16 0.00	26.08 -0.18 0.00	25.75 -0.17 0.00	25.66 -0.17 0.00	25.83 -0.18 0.00	28.37 -0.17 0.00	33.16 -0.07 0.00	41.99 0.31 0.00	44.14 0.57 0.00	38.39 0.56 0.00	40.38 0.57 0.00	32.17 0.36 0.00	31.29 0.26 0.00
FIBERTEK___ENERGY 23856	34.48 -0.47 0.00	35.30 -0.53 0.00	33.09 -0.52 0.00	29.63 -0.45 0.00	26.71 -0.38 0.00	29.35 -0.38 0.00	33.34 -0.44 0.17	35.38 -0.44 0.00	30.07 -0.35 0.00	31.11 -0.41 0.00	27.85 -0.40 0.00	28.18 -0.42 0.00	25.81 -0.45 0.00	25.48 -0.43 0.00	25.38 -0.45 0.00	25.50 -0.50 0.00	27.99 -0.55 0.00	32.65 -0.58 0.00	41.04 -0.64 0.00	43.00 -0.57 0.00	37.35 -0.49 0.00	39.27 -0.54 0.00	31.37 -0.44 0.00	30.61 -0.43 0.00
FITZPATRICK___ 23598	33.70 -1.24 0.00	34.53 -1.30 0.00	32.38 -1.23 0.00	29.00 -1.08 0.00	26.13 -0.96 0.00	28.68 -1.05 0.00	32.73 -1.21 0.00	34.55 -1.27 0.00	29.37 -1.05 0.00	30.43 -1.09 0.00	27.30 -0.95 0.00	27.66 -0.94 0.00	25.37 -0.89 0.00	25.05 -0.87 0.00	24.94 -0.89 0.00	25.06 -0.95 0.00	27.46 -1.08 0.00	31.94 -1.29 0.00	40.08 -1.59 0.00	41.93 -1.64 0.00	36.43 -1.41 0.00	38.32 -1.49 0.00	30.62 -1.18 0.00	29.90 -1.14 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.79 1.84 0.00	37.64 1.81 0.00	35.21 1.60 0.00	31.49 1.41 0.00	28.49 1.40 0.00	31.20 1.47 0.00	35.80 1.72 -0.13	37.74 1.92 0.00	32.23 1.81 0.00	33.42 1.89 0.00	29.99 1.74 0.00	30.27 1.67 0.00	27.87 1.62 0.00	27.60 1.69 0.00	27.64 1.81 0.00	27.84 1.84 0.00	30.57 2.03 0.00	35.55 2.32 0.00	44.39 2.71 0.00	46.25 2.68 0.00	40.17 2.34 0.00	42.23 2.42 0.00	33.80 1.99 0.00	32.94 1.90 0.00
FORT ORANGE___ 23900	35.85 0.90 0.00	36.83 1.00 0.00	34.59 0.98 0.00	30.90 0.82 0.00	27.83 0.74 0.00	30.54 0.80 0.00	34.81 0.86 0.00	36.68 0.86 0.00	31.04 0.62 0.00	32.18 0.66 0.00	28.84 0.60 0.00	29.14 0.54 0.00	26.86 0.61 0.00	26.49 0.58 0.00	26.52 0.69 0.00	26.76 0.75 0.00	29.26 0.73 0.00	33.98 0.75 0.00	42.59 0.92 0.00	44.51 0.94 0.00	38.72 0.89 0.00	40.77 0.96 0.00	32.70 0.89 0.00	31.90 0.86 0.00
FORT_DRUM_COGEN 23780	33.32 -1.63 0.00	33.84 -1.99 0.00	31.96 -1.65 0.00	28.46 -1.62 0.00	25.86 -1.23 0.00	28.59 -1.14 0.00	33.11 -0.84 0.00	34.35 -1.47 0.00	28.31 -2.11 0.00	29.24 -2.28 0.00	26.08 -2.17 0.00	26.26 -2.34 0.00	24.12 -2.13 0.00	23.78 -2.13 0.00	23.63 -2.20 0.00	23.77 -2.24 0.00	25.89 -2.64 0.00	30.31 -2.92 0.00	38.91 -2.77 0.00	41.89 -1.68 0.00	36.89 -0.95 0.00	38.47 -1.34 0.00	30.43 -1.38 0.00	29.28 -1.75 0.00
FOX_HILLS___ESR 323835	36.86 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.54 1.46 0.00	28.54 1.45 0.00	31.21 1.48 0.00	35.88 1.80 -0.13	37.80 1.98 0.00	32.29 1.87 0.00	33.64 2.11 0.00	30.22 1.97 0.00	30.55 1.95 0.00	28.14 1.88 0.00	27.94 2.03 0.00	27.93 2.10 0.00	28.12 2.12 0.00	30.86 2.33 0.00	35.82 2.59 0.00	44.54 2.87 0.00	46.35 2.78 0.00	40.34 2.50 0.00	42.39 2.58 0.00	33.97 2.16 0.00	33.14 2.10 0.00
FPL_FAR_ROCK_GT1 24212	37.46 2.51 0.00	38.39 2.56 0.00	35.92 2.31 0.00	32.14 2.06 0.00	32.91 2.05 -3.77	32.42 2.14 -0.55	36.31 2.24 -0.13	38.25 2.43 0.00	33.93 2.51 -1.00	34.16 2.64 0.00	30.72 2.47 0.00	30.92 2.31 0.00	28.34 2.09 0.00	28.10 2.18 0.00	28.19 2.35 0.00	28.33 2.32 0.00	31.19 2.65 0.00	36.28 3.05 0.00	45.12 3.45 0.00	46.80 3.23 0.00	40.63 2.79 0.00	42.82 3.01 0.00	34.74 2.74 -0.19	42.89 2.74 -9.11
FPL_FAR_ROCK_GT2 23815	37.46 2.51 0.00	38.39 2.56 0.00	35.92 2.31 0.00	32.14 2.06 0.00	32.91 2.05 -3.77	32.42 2.14 -0.55	36.31 2.24 -0.13	38.25 2.43 0.00	33.93 2.51 -1.00	34.16 2.64 0.00	30.72 2.47 0.00	30.92 2.31 0.00	28.34 2.09 0.00	28.10 2.18 0.00	28.19 2.35 0.00	28.33 2.32 0.00	31.19 2.65 0.00	36.28 3.05 0.00	45.12 3.45 0.00	46.80 3.23 0.00	40.63 2.79 0.00	42.82 3.01 0.00	34.74 2.74 -0.19	42.89 2.74 -9.11
FRANKLIN_FALL_HYD 24054	35.00 0.05 0.00	35.86 0.03 0.00	33.73 0.12 0.00	30.19 0.11 0.00	27.21 0.12 0.00	29.95 0.22 0.00	34.34 0.39 0.00	36.15 0.33 0.00	30.52 0.09 0.00	31.56 0.03 0.00	28.13 -0.12 0.00	28.48 -0.13 0.00	26.12 -0.14 0.00	25.70 -0.21 0.00	25.56 -0.27 0.00	25.78 -0.23 0.00	28.33 -0.20 0.00	33.15 -0.09 0.00	41.72 0.05 0.00	43.75 0.18 0.00	37.98 0.14 0.00	39.80 -0.01 0.00	31.54 -0.27 0.00	30.68 -0.35 0.00

FREEPORTEQUSGT1 23764	37.14 2.19 0.00	38.08 2.25 0.00	35.64 2.03 0.00	31.89 1.81 0.00	32.68 1.82 -3.77	32.16 1.88 -0.55	35.98 1.90 -0.13	37.90 2.08 0.00	33.65 2.23 -1.00	33.85 2.32 0.00	30.43 2.18 0.00	30.60 2.00 0.00	28.03 1.77 0.00	27.77 1.85 0.00	27.87 2.04 0.00	28.02 2.01 0.00	30.83 2.29 0.00	35.92 2.69 0.00	44.55 2.87 0.00	46.27 2.70 0.00	40.11 2.27 0.00	42.35 2.53 0.00	34.40 2.40 -0.19	42.58 2.44 -9.11
FREEPORTECT2 23818	37.14 2.19 0.00	38.08 2.25 0.00	35.64 2.03 0.00	31.89 1.81 0.00	32.68 1.82 -3.77	32.16 1.88 -0.55	35.98 1.90 -0.13	37.90 2.08 0.00	33.65 2.23 -1.00	33.85 2.32 0.00	30.43 2.18 0.00	30.60 2.00 0.00	28.03 1.77 0.00	27.77 1.85 0.00	27.87 2.04 0.00	28.02 2.01 0.00	30.83 2.29 0.00	35.92 2.69 0.00	44.55 2.87 0.00	46.27 2.70 0.00	40.11 2.27 0.00	42.35 2.53 0.00	34.40 2.40 -0.19	42.58 2.44 -9.11
FRESHKLS33KV_LOAD 356253	36.92 1.97 0.00	37.75 1.92 0.00	35.31 1.70 0.00	31.60 1.52 0.00	28.59 1.50 0.00	31.28 1.54 0.00	35.97 1.89 -0.13	37.88 2.06 0.00	32.33 1.91 0.00	33.68 2.15 0.00	30.24 2.00 0.00	30.56 1.96 0.00	28.14 1.89 0.00	27.95 2.04 0.00	27.94 2.11 0.00	28.13 2.12 0.00	30.88 2.35 0.00	35.85 2.62 0.00	44.59 2.91 0.00	46.43 2.86 0.00	40.47 2.63 0.00	42.52 2.71 0.00	34.06 2.26 0.00	33.23 2.19 0.00
FULTONCOGEN____ 23766	33.71 -1.24 0.00	34.53 -1.30 0.00	32.37 -1.24 0.00	28.98 -1.10 0.00	26.13 -0.96 0.00	28.70 -1.04 0.00	32.77 -1.18 0.00	34.61 -1.21 0.00	29.41 -1.01 0.00	30.43 -1.09 0.00	27.26 -0.99 0.00	27.59 -1.01 0.00	25.29 -0.97 0.00	24.97 -0.94 0.00	24.87 -0.96 0.00	25.00 -1.01 0.00	27.41 -1.13 0.00	31.91 -1.32 0.00	40.10 -1.58 0.00	41.99 -1.58 0.00	36.51 -1.33 0.00	38.40 -1.41 0.00	30.69 -1.12 0.00	29.93 -1.11 0.00
FULTON_LFGE 323630	36.34 1.39 0.00	37.26 1.43 0.00	34.92 1.31 0.00	31.25 1.17 0.00	28.18 1.09 0.00	30.97 1.24 0.00	35.44 1.49 0.00	37.00 1.18 0.00	30.74 0.32 0.00	31.57 0.04 0.00	28.24 0.00 0.00	28.59 -0.01 0.00	26.24 -0.01 0.00	25.88 -0.03 0.00	25.81 -0.03 0.00	25.99 -0.02 0.00	28.63 0.09 0.00	33.34 0.11 0.00	42.58 0.90 0.00	45.38 1.81 0.00	39.70 1.86 0.00	41.71 1.90 0.00	33.25 1.45 0.00	32.35 1.31 0.00
G.F.CEMENT__DRP 24184	35.98 1.03 0.00	36.88 1.05 0.00	34.72 1.11 0.00	31.04 0.96 0.00	28.00 0.91 0.00	30.85 1.11 0.00	35.12 1.16 0.00	36.90 1.09 0.00	30.95 0.53 0.00	31.83 0.31 0.00	28.41 0.16 0.00	28.62 0.02 0.00	26.36 0.10 0.00	25.92 0.01 0.00	26.03 0.20 0.00	26.35 0.35 0.00	29.00 0.47 0.00	33.91 0.68 0.00	42.79 1.11 0.00	44.86 1.29 0.00	39.00 1.16 0.00	41.21 1.40 0.00	32.98 1.18 0.00	32.24 1.20 0.00
GARDENVILLE__LBMP 24039	33.06 -1.89 0.00	33.42 -2.41 0.00	31.29 -2.32 0.00	28.28 -1.80 0.00	25.35 -1.74 0.00	27.71 -2.03 0.00	30.15 -2.68 1.12	33.22 -2.60 0.00	28.67 -1.75 0.00	29.85 -1.67 0.00	26.78 -1.47 0.00	27.60 -1.01 0.00	24.81 -1.44 0.00	24.69 -1.23 0.00	24.10 -1.73 0.00	23.68 -2.33 0.00	26.05 -2.48 0.00	30.43 -2.80 0.00	37.62 -4.06 0.00	39.39 -4.18 0.00	34.22 -3.62 0.00	35.95 -3.86 0.00	28.92 -2.90 0.00	28.54 -2.50 0.00
GARDNVLA_35KV_LD 355827	33.16 -1.79 0.00	33.51 -2.32 0.00	31.38 -2.23 0.00	28.36 -1.72 0.00	25.41 -1.68 0.00	27.77 -1.96 0.00	30.23 -2.60 1.12	33.32 -2.50 0.00	28.77 -1.65 0.00	29.97 -1.56 0.00	26.87 -1.38 0.00	27.69 -0.91 0.00	24.89 -1.36 0.00	24.76 -1.15 0.00	24.16 -1.67 0.00	23.73 -2.28 0.00	26.11 -2.42 0.00	30.51 -2.72 0.00	37.70 -3.98 0.00	39.46 -4.11 0.00	34.28 -3.56 0.00	36.02 -3.79 0.00	28.96 -2.85 0.00	28.59 -2.44 0.00
GELCKHM__115KV_LOAD 80723	34.29 -0.67 0.00	35.11 -0.72 0.00	32.92 -0.70 0.00	29.48 -0.60 0.00	26.56 -0.52 0.00	29.17 -0.56 0.00	33.17 -0.64 0.14	35.17 -0.65 0.00	29.91 -0.52 0.00	30.97 -0.56 0.00	27.73 -0.52 0.00	28.07 -0.53 0.00	25.73 -0.53 0.00	25.41 -0.51 0.00	25.30 -0.53 0.00	25.42 -0.59 0.00	27.88 -0.66 0.00	32.48 -0.75 0.00	40.80 -0.87 0.00	42.71 -0.86 0.00	37.10 -0.74 0.00	39.02 -0.79 0.00	31.17 -0.64 0.00	30.42 -0.61 0.00
GENERAL__MILLS 23808	33.11 -1.85 0.00	33.46 -2.36 0.00	31.34 -2.27 0.00	28.32 -1.76 0.00	25.38 -1.71 0.00	27.74 -2.00 0.00	30.19 -2.64 1.12	33.27 -2.55 0.00	28.72 -1.70 0.00	29.91 -1.62 0.00	26.82 -1.43 0.00	27.64 -0.96 0.00	24.84 -1.41 0.00	24.73 -1.19 0.00	24.13 -1.71 0.00	23.69 -2.31 0.00	26.07 -2.46 0.00	30.46 -2.77 0.00	37.65 -4.03 0.00	39.41 -4.16 0.00	34.24 -3.60 0.00	35.97 -3.84 0.00	28.93 -2.88 0.00	28.56 -2.47 0.00
GE_PLASTICS__DRP 24183	35.72 0.77 0.00	36.72 0.89 0.00	34.47 0.86 0.00	30.80 0.72 0.00	27.72 0.63 0.00	30.40 0.66 0.00	34.65 0.70 0.00	36.53 0.71 0.00	30.99 0.57 0.00	32.16 0.63 0.00	28.83 0.59 0.00	29.15 0.55 0.00	26.86 0.60 0.00	26.50 0.58 0.00	26.51 0.68 0.00	26.75 0.75 0.00	29.29 0.75 0.00	34.01 0.78 0.00	42.58 0.91 0.00	44.42 0.85 0.00	38.59 0.76 0.00	40.66 0.85 0.00	32.59 0.78 0.00	31.80 0.76 0.00
GILBOA__1 23756	35.79 0.84 0.00	36.98 1.15 0.00	34.66 1.06 0.00	30.91 0.83 0.00	27.69 0.61 0.00	30.35 0.61 0.00	34.74 0.66 -0.14	36.53 0.71 0.00	31.06 0.63 0.00	32.22 0.69 0.00	28.93 0.68 0.00	29.26 0.65 0.00	26.92 0.67 0.00	26.60 0.68 0.00	26.59 0.76 0.00	26.82 0.82 0.00	29.43 0.89 0.00	34.21 0.98 0.00	42.78 1.11 0.00	44.56 0.99 0.00	38.64 0.80 0.00	40.82 1.01 0.00	32.68 0.87 0.00	31.88 0.85 0.00
GILBOA__2 23757	35.79 0.84 0.00	36.98 1.15 0.00	34.66 1.06 0.00	30.91 0.83 0.00	27.69 0.61 0.00	30.35 0.61 0.00	34.74 0.66 -0.14	36.53 0.71 0.00	31.06 0.63 0.00	32.22 0.69 0.00	28.93 0.68 0.00	29.26 0.65 0.00	26.92 0.67 0.00	26.60 0.68 0.00	26.59 0.76 0.00	26.82 0.82 0.00	29.43 0.89 0.00	34.21 0.98 0.00	42.78 1.11 0.00	44.56 0.99 0.00	38.64 0.80 0.00	40.82 1.01 0.00	32.68 0.87 0.00	31.88 0.85 0.00
GILBOA__3 23758	35.79 0.84 0.00	36.98 1.15 0.00	34.66 1.06 0.00	30.91 0.83 0.00	27.69 0.61 0.00	30.35 0.61 0.00	34.74 0.66 -0.14	36.53 0.71 0.00	31.06 0.63 0.00	32.22 0.69 0.00	28.93 0.68 0.00	29.26 0.65 0.00	26.92 0.67 0.00	26.60 0.68 0.00	26.59 0.76 0.00	26.82 0.82 0.00	29.43 0.89 0.00	34.21 0.98 0.00	42.78 1.11 0.00	44.56 0.99 0.00	38.64 0.80 0.00	40.82 1.01 0.00	32.68 0.87 0.00	31.88 0.85 0.00
GILBOA__4 23759	35.79 0.84 0.00	36.98 1.15 0.00	34.66 1.06 0.00	30.91 0.83 0.00	27.69 0.61 0.00	30.35 0.61 0.00	34.74 0.66 -0.14	36.53 0.71 0.00	31.06 0.63 0.00	32.22 0.69 0.00	28.93 0.68 0.00	29.26 0.65 0.00	26.92 0.67 0.00	26.60 0.68 0.00	26.59 0.76 0.00	26.82 0.82 0.00	29.43 0.89 0.00	34.21 0.98 0.00	42.78 1.11 0.00	44.56 0.99 0.00	38.64 0.80 0.00	40.82 1.01 0.00	32.68 0.87 0.00	31.88 0.85 0.00

GILBOA____ 23599	35.79 0.84 0.00	36.98 1.15 0.00	34.67 1.06 0.00	30.91 0.83 0.00	27.69 0.61 0.00	30.35 0.61 0.00	34.74 0.66 -0.14	36.53 0.71 0.00	31.06 0.64 0.00	32.22 0.70 0.00	28.93 0.68 0.00	29.26 0.65 0.00	26.92 0.67 0.00	26.60 0.68 0.00	26.59 0.76 0.00	26.82 0.81 0.00	29.43 0.89 0.00	34.21 0.98 0.00	42.78 1.11 0.00	44.56 0.99 0.00	38.64 0.80 0.00	40.82 1.02 0.00	32.68 0.87 0.00	31.89 0.85 0.00
GINNA____ 23603	34.56 -0.39 0.00	35.19 -0.64 0.00	32.98 -0.63 0.00	29.64 -0.44 0.00	26.70 -0.39 0.00	29.32 -0.41 0.00	32.89 -0.52 0.53	35.40 -0.42 0.00	30.23 -0.19 0.00	31.36 -0.16 0.00	28.11 -0.14 0.00	28.63 0.03 0.00	25.98 -0.27 0.00	25.68 -0.24 0.00	25.23 -0.60 0.00	24.90 -1.11 0.00	27.36 -1.18 0.00	31.92 -1.31 0.00	39.91 -1.77 0.00	41.69 -1.88 0.00	36.22 -1.62 0.00	38.04 -1.77 0.00	30.39 -1.42 0.00	29.72 -1.32 0.00
GLEN PARK____ 23778	33.36 -1.60 0.00	33.86 -1.97 0.00	31.99 -1.62 0.00	28.48 -1.60 0.00	25.89 -1.20 0.00	28.64 -1.09 0.00	33.18 -0.77 0.00	34.36 -1.46 0.00	28.22 -2.20 0.00	29.13 -2.40 0.00	25.98 -2.27 0.00	26.15 -2.46 0.00	24.02 -2.24 0.00	23.69 -2.23 0.00	23.52 -2.31 0.00	23.67 -2.34 0.00	25.77 -2.77 0.00	30.17 -3.07 0.00	38.84 -2.84 0.00	41.93 -1.65 0.00	36.97 -0.87 0.00	38.57 -1.24 0.00	30.50 -1.31 0.00	29.30 -1.74 0.00
GLENDALE_27_KV_LOAD 356172	36.88 1.93 0.00	37.69 1.86 0.00	35.26 1.65 0.00	31.56 1.48 0.00	28.57 1.48 0.00	31.24 1.51 0.00	35.88 1.80 -0.13	37.84 2.02 0.00	32.38 1.96 0.00	33.70 2.17 0.00	30.32 2.08 0.00	30.64 2.04 0.00	28.22 1.96 0.00	28.02 2.11 0.00	28.02 2.19 0.00	28.20 2.20 0.00	30.93 2.39 0.00	35.91 2.67 0.00	44.62 2.94 0.00	46.30 2.73 0.00	40.25 2.42 0.00	42.30 2.49 0.00	33.95 2.14 0.00	33.07 2.03 0.00
GLENWOOD_IC_1_G5 23712	36.98 2.03 0.00	37.87 2.05 0.00	35.43 1.82 0.00	31.69 1.61 0.00	32.48 1.63 -3.77	31.97 1.68 -0.55	35.88 1.80 -0.13	37.80 1.98 0.00	33.47 2.04 -1.00	33.72 2.19 0.00	30.33 2.08 0.00	30.57 1.97 0.00	28.07 1.82 0.00	27.83 1.92 0.00	27.90 2.07 0.00	28.07 2.06 0.00	30.85 2.31 0.00	35.85 2.61 0.00	44.53 2.85 0.00	46.23 2.66 0.00	40.12 2.28 0.00	42.27 2.47 0.00	34.22 2.22 -0.19	42.36 2.21 -9.11
GLENWOOD_IC_2_G1 23688	36.79 1.84 0.00	37.66 1.83 0.00	35.23 1.62 0.00	31.52 1.45 0.00	32.32 1.46 -3.77	31.78 1.50 -0.55	35.73 1.65 -0.13	37.63 1.81 0.00	33.27 1.84 -1.00	33.52 2.00 0.00	30.15 1.90 0.00	30.42 1.82 0.00	27.96 1.70 0.00	27.72 1.81 0.00	27.77 1.94 0.00	27.94 1.94 0.00	30.69 2.16 0.00	35.66 2.43 0.00	44.34 2.66 0.00	46.06 2.49 0.00	39.98 2.14 0.00	42.10 2.29 0.00	34.04 2.04 -0.19	42.17 2.02 -9.11
GLENWOOD_IC_3_G1 23689	36.79 1.84 0.00	37.66 1.83 0.00	35.23 1.62 0.00	31.52 1.45 0.00	32.32 1.46 -3.77	31.78 1.50 -0.55	35.73 1.65 -0.13	37.63 1.81 0.00	33.27 1.84 -1.00	33.52 2.00 0.00	30.15 1.90 0.00	30.42 1.82 0.00	27.96 1.70 0.00	27.72 1.81 0.00	27.77 1.94 0.00	27.94 1.94 0.00	30.69 2.16 0.00	35.66 2.43 0.00	44.34 2.66 0.00	46.06 2.49 0.00	39.98 2.14 0.00	42.10 2.29 0.00	34.04 2.04 -0.19	42.17 2.02 -9.11
GLENWOOD___4 23550	36.98 2.03 0.00	37.87 2.05 0.00	35.43 1.82 0.00	31.69 1.61 0.00	32.48 1.63 -3.77	31.97 1.68 -0.55	35.88 1.80 -0.13	37.80 1.98 0.00	33.47 2.04 -1.00	33.72 2.19 0.00	30.33 2.08 0.00	30.57 1.97 0.00	28.07 1.82 0.00	27.83 1.92 0.00	27.90 2.07 0.00	28.07 2.06 0.00	30.85 2.31 0.00	35.85 2.61 0.00	44.53 2.85 0.00	46.23 2.66 0.00	40.12 2.28 0.00	42.27 2.47 0.00	34.22 2.22 -0.19	42.36 2.21 -9.11
GLENWOOD___5 23614	36.98 2.03 0.00	37.87 2.05 0.00	35.43 1.82 0.00	31.69 1.61 0.00	32.48 1.63 -3.77	31.97 1.68 -0.55	35.88 1.80 -0.13	37.80 1.98 0.00	33.47 2.04 -1.00	33.72 2.19 0.00	30.33 2.08 0.00	30.57 1.97 0.00	28.07 1.82 0.00	27.83 1.92 0.00	27.90 2.07 0.00	28.07 2.06 0.00	30.85 2.31 0.00	35.85 2.61 0.00	44.53 2.85 0.00	46.23 2.66 0.00	40.12 2.28 0.00	42.27 2.47 0.00	34.22 2.22 -0.19	42.36 2.21 -9.11
GLOBAL GREEN_PORT_GT1 23814	37.02 2.06 0.00	38.37 2.55 0.00	35.97 2.36 0.00	32.29 2.21 0.00	33.41 2.55 0.00	33.10 2.82 -3.77	37.21 2.94 -0.32	40.82 3.20 -1.80	34.50 3.08 -1.00	34.33 2.81 0.00	30.98 2.73 0.00	31.02 2.42 0.00	28.19 1.94 0.00	27.82 1.91 0.00	27.95 2.12 0.00	28.15 2.15 0.00	31.11 2.57 0.00	36.59 3.09 -0.27	49.47 3.47 -4.32	51.24 3.11 -4.57	43.60 2.57 -3.19	43.61 3.12 -0.68	36.28 3.19 -1.28	43.47 3.32 -9.11
GLOBE___DSASP 323697	32.24 -2.71 0.00	32.62 -3.21 0.00	30.62 -2.99 0.00	27.71 -2.37 0.00	24.88 -2.21 0.00	27.14 -2.60 0.00	29.52 -3.43 1.00	32.28 -3.54 0.00	27.88 -2.54 0.00	29.10 -2.43 0.00	26.05 -2.20 0.00	26.85 -1.76 0.00	24.11 -2.15 0.00	23.96 -1.96 0.00	23.37 -2.46 0.00	22.89 -3.12 0.00	25.25 -3.29 0.00	29.46 -3.78 0.00	36.27 -5.41 0.00	37.97 -5.60 0.00	33.00 -4.84 0.00	34.78 -5.03 0.00	28.05 -3.76 0.00	27.79 -3.24 0.00
GOETHSLN___LBMP 323567	36.63 1.68 0.00	37.43 1.61 0.00	35.00 1.39 0.00	31.32 1.24 0.00	28.35 1.26 0.00	31.02 1.29 0.00	35.63 1.55 -0.13	37.54 1.72 0.00	32.10 1.68 0.00	33.42 1.90 0.00	30.06 1.81 0.00	30.39 1.79 0.00	27.99 1.73 0.00	27.79 1.87 0.00	27.81 1.98 0.00	28.00 1.99 0.00	30.72 2.19 0.00	35.64 2.41 0.00	44.33 2.66 0.00	46.08 2.51 0.00	40.02 2.19 0.00	42.06 2.25 0.00	33.72 1.91 0.00	32.87 1.83 0.00
GOLAH___69_KV_TB_1_2 80279	34.43 -0.53 0.00	34.98 -0.85 0.00	32.78 -0.83 0.00	29.50 -0.58 0.00	26.57 -0.52 0.00	29.16 -0.58 0.00	32.59 -0.74 0.61	35.20 -0.62 0.00	30.10 -0.32 0.00	31.16 -0.36 0.00	27.84 -0.41 0.00	28.51 -0.09 0.00	25.84 -0.41 0.00	25.52 -0.40 0.00	25.12 -0.71 0.00	24.90 -1.10 0.00	27.45 -1.09 0.00	31.96 -1.27 0.00	39.89 -1.78 0.00	41.95 -1.62 0.00	36.52 -1.32 0.00	38.38 -1.43 0.00	30.74 -1.07 0.00	30.15 -0.89 0.00
GOODYEAR_LAKE_HYD 323669	36.04 1.09 0.00	37.01 1.18 0.00	34.63 1.02 0.00	30.95 0.87 0.00	27.85 0.76 0.00	30.58 0.84 0.00	35.31 1.05 -0.31	36.97 1.15 0.00	31.41 0.99 0.00	32.48 0.96 0.00	29.07 0.82 0.00	29.41 0.80 0.00	26.96 0.71 0.00	26.66 0.74 0.00	26.59 0.76 0.00	26.75 0.75 0.00	29.45 0.91 0.00	34.37 1.14 0.00	43.26 1.58 0.00	45.21 1.64 0.00	39.26 1.41 0.00	41.29 1.48 0.00	32.95 1.14 0.00	32.07 1.03 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.00 0.05 0.00	35.86 0.04 0.00	33.56 -0.06 0.00	30.03 -0.05 0.00	27.03 -0.06 0.00	29.69 -0.04 0.00	35.09 -0.10 -1.24	35.76 -0.06 0.00	30.45 0.03 0.00	31.53 0.00 0.00	28.24 -0.01 0.00	28.59 -0.02 0.00	26.17 -0.08 0.00	25.89 -0.02 0.00	25.82 -0.02 0.00	25.95 -0.06 0.00	28.49 -0.05 0.00	33.25 0.01 0.00	41.78 0.10 0.11	43.68 0.11 0.00	37.91 0.07 0.00	39.87 0.06 0.00	31.88 0.07 0.00	31.08 0.04 0.00

GOWANUS_GT4_5 24134	36.86 1.91 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.54 1.46 0.00	28.54 1.46 0.00	31.21 1.47 0.00	35.87 1.80 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.66 2.13 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.17 1.91 0.00	27.98 2.07 0.00	27.98 2.15 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.87 2.63 0.00	44.57 2.89 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.34 2.53 0.00	33.94 2.13 0.00	33.11 2.07 0.00
GOWANUS_GT4_6 24135	36.86 1.91 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.54 1.46 0.00	28.54 1.46 0.00	31.21 1.47 0.00	35.87 1.80 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.66 2.13 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.17 1.91 0.00	27.98 2.07 0.00	27.98 2.15 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.87 2.63 0.00	44.57 2.89 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.34 2.53 0.00	33.94 2.13 0.00	33.11 2.07 0.00
GOWANUS_GT4_7 24136	36.86 1.91 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.54 1.46 0.00	28.54 1.46 0.00	31.21 1.47 0.00	35.87 1.80 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.66 2.13 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.17 1.91 0.00	27.98 2.07 0.00	27.98 2.15 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.87 2.63 0.00	44.57 2.89 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.34 2.53 0.00	33.94 2.13 0.00	33.11 2.07 0.00
GOWANUS_GT4_8 24137	36.86 1.91 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.54 1.46 0.00	28.54 1.46 0.00	31.21 1.47 0.00	35.87 1.80 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.66 2.13 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.17 1.91 0.00	27.98 2.07 0.00	27.98 2.15 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.87 2.63 0.00	44.57 2.89 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.34 2.53 0.00	33.94 2.13 0.00	33.11 2.07 0.00
GREATVR_69_KV_BK1 356245	37.40 2.45 0.00	38.39 2.57 0.00	35.93 2.32 0.00	32.18 2.10 0.00	32.96 2.10 -3.77	32.48 2.20 -0.55	36.43 2.20 -0.28	39.61 2.41 -1.39	34.00 2.58 -1.00	34.06 2.54 0.00	30.63 2.38 0.00	30.78 2.18 0.00	28.04 1.79 0.00	27.76 1.84 0.00	27.91 2.08 0.00	28.07 2.06 0.00	30.96 2.43 0.00	36.27 2.84 -0.21	48.14 3.11 -3.36	49.95 2.83 -3.55	42.72 2.40 -2.48	43.14 2.80 -0.53	35.56 2.71 -1.04	42.93 2.78 -9.11
GREENBSH_115KV_TB3 55895	35.69 0.74 0.00	36.68 0.85 0.00	34.45 0.84 0.00	30.78 0.70 0.00	27.71 0.62 0.00	30.40 0.66 0.00	34.64 0.69 0.00	36.51 0.69 0.00	30.96 0.54 0.00	32.13 0.60 0.00	28.80 0.55 0.00	29.11 0.51 0.00	26.83 0.58 0.00	26.46 0.55 0.00	26.49 0.66 0.00	26.73 0.73 0.00	29.22 0.68 0.00	33.92 0.68 0.00	42.46 0.79 0.00	44.28 0.70 0.00	38.50 0.66 0.00	40.54 0.73 0.00	32.52 0.72 0.00	31.73 0.69 0.00
GREENDGE_115KV_TB5 80291	34.43 -0.52 0.00	35.09 -0.74 0.00	32.77 -0.84 0.00	29.45 -0.63 0.00	26.47 -0.62 0.00	29.15 -0.59 0.00	31.57 -0.81 1.56	35.07 -0.75 0.00	30.02 -0.41 0.00	30.99 -0.54 0.00	27.81 -0.44 0.00	28.16 -0.45 0.00	25.51 -0.75 0.00	25.27 -0.64 0.00	25.08 -0.75 0.00	25.03 -0.97 0.00	27.48 -1.06 0.00	32.32 -0.92 0.00	40.59 -1.09 0.00	42.75 -0.82 0.00	37.09 -0.76 0.00	38.85 -0.96 0.00	31.01 -0.80 0.00	30.20 -0.83 0.00
GREENIDGE__3 23582	34.43 -0.52 0.00	35.09 -0.74 0.00	32.77 -0.84 0.00	29.45 -0.63 0.00	26.47 -0.62 0.00	29.15 -0.59 0.00	31.57 -0.81 1.56	35.07 -0.75 0.00	30.02 -0.41 0.00	30.99 -0.54 0.00	27.81 -0.44 0.00	28.16 -0.45 0.00	25.51 -0.75 0.00	25.27 -0.64 0.00	25.08 -0.75 0.00	25.03 -0.97 0.00	27.48 -1.06 0.00	32.32 -0.92 0.00	40.59 -1.09 0.00	42.75 -0.82 0.00	37.09 -0.76 0.00	38.85 -0.96 0.00	31.01 -0.80 0.00	30.20 -0.83 0.00
GREENIDGE__4 23583	34.42 -0.53 0.00	35.09 -0.74 0.00	32.77 -0.84 0.00	29.45 -0.63 0.00	26.47 -0.62 0.00	29.15 -0.59 0.00	31.57 -0.82 1.56	35.07 -0.75 0.00	30.02 -0.41 0.00	30.98 -0.55 0.00	27.81 -0.44 0.00	28.16 -0.45 0.00	25.51 -0.75 0.00	25.27 -0.64 0.00	25.08 -0.75 0.00	25.03 -0.97 0.00	27.48 -1.06 0.00	32.31 -0.92 0.00	40.59 -1.09 0.00	42.75 -0.82 0.00	37.08 -0.76 0.00	38.85 -0.96 0.00	31.01 -0.80 0.00	30.20 -0.83 0.00
GREENLWN_69_KV_BK 3 55738	36.84 1.89 0.00	37.82 1.99 0.00	35.39 1.78 0.00	31.67 1.59 0.00	32.49 1.63 -3.77	31.94 1.66 -0.55	35.41 1.50 0.05	35.82 1.59 1.59	33.41 1.99 -1.00	33.60 2.07 0.00	30.23 1.98 0.00	30.39 1.79 0.00	27.79 1.53 0.00	27.52 1.61 0.00	27.65 1.82 0.00	27.75 1.74 0.00	30.51 1.97 0.00	35.21 2.21 0.24	40.09 2.24 3.82	41.46 1.93 4.04	36.61 1.59 2.82	41.10 1.90 0.61	33.01 1.97 0.77	42.28 2.13 -9.11
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.86 1.91 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.54 1.46 0.00	28.54 1.46 0.00	31.21 1.47 0.00	35.87 1.80 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.66 2.13 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.17 1.91 0.00	27.98 2.07 0.00	27.98 2.15 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.87 2.63 0.00	44.57 2.89 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.34 2.53 0.00	33.94 2.13 0.00	33.11 2.07 0.00
GRISSOM__SOLAR 323813	36.34 1.38 0.00	37.26 1.43 0.00	34.92 1.32 0.00	31.25 1.17 0.00	28.16 1.07 0.00	30.96 1.22 0.00	35.39 1.44 0.00	36.86 1.04 0.00	30.52 0.09 0.00	31.31 -0.21 0.00	28.02 -0.23 0.00	28.35 -0.26 0.00	26.04 -0.21 0.00	25.68 -0.23 0.00	25.63 -0.20 0.00	25.83 -0.17 0.00	28.43 -0.10 0.00	33.14 -0.10 0.00	42.43 0.75 0.00	45.33 1.76 0.00	39.63 1.79 0.00	41.66 1.85 0.00	33.24 1.43 0.00	32.35 1.32 0.00
GROVEVILLE__HYD 323602	36.79 1.84 0.00	37.64 1.81 0.00	35.21 1.60 0.00	31.49 1.41 0.00	28.49 1.40 0.00	31.20 1.47 0.00	35.80 1.72 -0.13	37.74 1.92 0.00	32.23 1.81 0.00	33.42 1.89 0.00	29.99 1.74 0.00	30.27 1.67 0.00	27.87 1.62 0.00	27.60 1.69 0.00	27.64 1.81 0.00	27.84 1.84 0.00	30.57 2.03 0.00	35.55 2.32 0.00	44.39 2.71 0.00	46.25 2.68 0.00	40.17 2.34 0.00	42.23 2.42 0.00	33.80 1.99 0.00	32.94 1.90 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.48 -0.47 0.00	35.30 -0.53 0.00	33.09 -0.52 0.00	29.63 -0.45 0.00	26.71 -0.38 0.00	29.35 -0.38 0.00	33.34 -0.44 0.17	35.38 -0.44 0.00	30.07 -0.35 0.00	31.11 -0.41 0.00	27.85 -0.40 0.00	28.18 -0.42 0.00	25.81 -0.45 0.00	25.48 -0.43 0.00	25.38 -0.45 0.00	25.50 -0.50 0.00	27.99 -0.55 0.00	32.65 -0.58 0.00	41.04 -0.64 0.00	43.00 -0.57 0.00	37.35 -0.49 0.00	39.27 -0.54 0.00	31.37 -0.44 0.00	30.61 -0.43 0.00
HAMLTNNY_34_KV_TB 80303	34.59 -0.36 0.00	35.40 -0.43 0.00	33.18 -0.44 0.00	29.72 -0.36 0.00	26.78 -0.31 0.00	29.43 -0.30 0.00	33.37 -0.35 0.23	35.49 -0.33 0.00	30.18 -0.24 0.00	31.19 -0.34 0.00	27.88 -0.37 0.00	28.20 -0.40 0.00	25.79 -0.46 0.00	25.47 -0.44 0.00	25.38 -0.45 0.00	25.45 -0.55 0.00	27.93 -0.61 0.00	32.64 -0.59 0.00	41.02 -0.66 0.00	43.08 -0.49 0.00	37.44 -0.40 0.00	39.35 -0.46 0.00	31.44 -0.37 0.00	30.67 -0.37 0.00

HAMPSHIRE___PAPER_HYD 323593	33.58 -1.37 0.00	34.29 -1.53 0.00	32.28 -1.33 0.00	28.83 -1.25 0.00	26.05 -1.04 0.00	28.72 -1.01 0.00	33.11 -0.84 0.00	34.62 -1.20 0.00	28.94 -1.48 0.00	29.89 -1.64 0.00	26.65 -1.60 0.00	26.93 -1.68 0.00	24.71 -1.54 0.00	24.34 -1.57 0.00	24.21 -1.62 0.00	24.40 -1.61 0.00	26.72 -1.82 0.00	31.29 -1.94 0.00	39.69 -1.99 0.00	42.11 -1.46 0.00	36.82 -1.02 0.00	38.48 -1.33 0.00	30.52 -1.29 0.00	29.58 -1.46 0.00
HARDSCRABBLE_WT_PWR 323673	35.58 0.63 0.00	36.66 0.83 0.00	34.40 0.79 0.00	30.72 0.64 0.00	27.66 0.57 0.00	30.47 0.74 0.00	34.74 0.79 0.00	36.30 0.48 0.00	30.17 -0.25 0.00	30.90 -0.63 0.00	27.57 -0.68 0.00	27.80 -0.80 0.00	25.50 -0.75 0.00	25.14 -0.77 0.00	25.14 -0.70 0.00	25.39 -0.62 0.00	27.91 -0.63 0.00	32.70 -0.53 0.00	41.75 0.08 0.00	44.35 0.78 0.00	38.45 0.61 0.00	40.36 0.55 0.00	32.28 0.47 0.00	31.35 0.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.66 1.70 0.00	37.48 1.65 0.00	35.03 1.42 0.00	31.33 1.25 0.00	28.33 1.24 0.00	31.03 1.29 0.00	35.63 1.54 -0.14	37.51 1.70 0.00	32.00 1.58 0.00	33.28 1.76 0.00	29.86 1.61 0.00	30.19 1.59 0.00	27.79 1.54 0.00	27.55 1.63 0.00	27.57 1.74 0.00	27.78 1.78 0.00	30.53 2.00 0.00	35.51 2.28 0.00	44.33 2.65 0.00	46.18 2.61 0.00	40.08 2.24 0.00	42.11 2.30 0.00	33.71 1.91 0.00	32.86 1.82 0.00
HARSNRAD_115KV_TB1 81005	32.64 -2.32 0.00	32.96 -2.87 0.00	30.92 -2.69 0.00	27.97 -2.11 0.00	25.11 -1.98 0.00	27.40 -2.34 0.00	29.99 -3.01 0.96	32.83 -2.99 0.00	28.33 -2.09 0.00	29.51 -2.02 0.00	26.40 -1.85 0.00	27.21 -1.39 0.00	24.45 -1.80 0.00	24.31 -1.61 0.00	23.72 -2.11 0.00	23.23 -2.78 0.00	25.56 -2.97 0.00	29.80 -3.43 0.00	36.80 -4.87 0.00	38.62 -4.95 0.00	33.58 -4.25 0.00	35.36 -4.45 0.00	28.55 -3.26 0.00	28.31 -2.72 0.00
HARZA MOOSE___RIVER 24016	34.61 -0.34 0.00	35.37 -0.46 0.00	33.25 -0.36 0.00	29.67 -0.41 0.00	26.81 -0.28 0.00	29.58 -0.16 0.00	34.09 0.14 0.00	35.69 -0.13 0.00	29.87 -0.56 0.00	30.77 -0.75 0.00	27.40 -0.85 0.00	27.63 -0.97 0.00	25.36 -0.90 0.00	25.01 -0.91 0.00	24.92 -0.91 0.00	25.09 -0.92 0.00	27.48 -1.06 0.00	32.20 -1.03 0.00	41.01 -0.67 0.00	43.50 -0.07 0.00	37.99 0.15 0.00	39.77 -0.04 0.00	31.56 -0.25 0.00	30.59 -0.45 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.32 -0.63 0.00	35.14 -0.69 0.00	32.94 -0.67 0.00	29.51 -0.57 0.00	26.59 -0.50 0.00	29.20 -0.54 0.00	33.33 -0.62 0.00	35.21 -0.61 0.00	29.94 -0.48 0.00	31.01 -0.52 0.00	27.77 -0.48 0.00	28.13 -0.48 0.00	25.77 -0.49 0.00	25.45 -0.46 0.00	25.35 -0.48 0.00	25.46 -0.54 0.00	27.93 -0.60 0.00	32.54 -0.69 0.00	40.87 -0.81 0.00	42.76 -0.82 0.00	37.14 -0.70 0.00	39.06 -0.75 0.00	31.21 -0.59 0.00	30.45 -0.58 0.00
HELLGATE_13_KV_LD 55870	36.91 1.96 0.00	37.72 1.89 0.00	35.29 1.68 0.00	31.60 1.52 0.00	28.61 1.52 0.00	31.27 1.53 0.00	35.92 1.84 -0.13	37.89 2.07 0.00	32.41 1.99 0.00	33.73 2.21 0.00	30.37 2.12 0.00	30.67 2.07 0.00	28.25 1.99 0.00	28.07 2.15 0.00	28.05 2.22 0.00	28.24 2.23 0.00	30.96 2.42 0.00	35.93 2.70 0.00	44.64 2.97 0.00	46.32 2.75 0.00	40.29 2.45 0.00	42.34 2.53 0.00	33.97 2.16 0.00	33.09 2.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.91 1.96 0.00	37.72 1.89 0.00	35.29 1.68 0.00	31.60 1.52 0.00	28.61 1.52 0.00	31.27 1.53 0.00	35.92 1.84 -0.13	37.89 2.07 0.00	32.41 1.99 0.00	33.73 2.21 0.00	30.37 2.12 0.00	30.67 2.07 0.00	28.25 1.99 0.00	28.07 2.15 0.00	28.05 2.22 0.00	28.24 2.23 0.00	30.96 2.42 0.00	35.93 2.70 0.00	44.64 2.97 0.00	46.32 2.75 0.00	40.29 2.45 0.00	42.34 2.53 0.00	33.97 2.16 0.00	33.09 2.06 0.00
HEMPSTEAD___ 23647	37.05 2.10 0.00	37.97 2.13 0.00	35.52 1.91 0.00	31.79 1.71 0.00	32.59 1.73 -3.77	32.07 1.78 -0.55	35.91 1.83 -0.13	37.83 2.01 0.00	33.56 2.13 -1.00	33.78 2.25 0.00	30.38 2.13 0.00	30.58 1.97 0.00	28.03 1.77 0.00	27.78 1.86 0.00	27.87 2.04 0.00	28.03 2.02 0.00	30.82 2.28 0.00	35.85 2.62 0.00	44.48 2.80 0.00	46.17 2.60 0.00	40.04 2.20 0.00	42.25 2.45 0.00	34.28 2.28 -0.19	42.46 2.31 -9.11
HICKLING___1 23621	33.86 -1.09 0.00	34.43 -1.40 0.00	32.02 -1.59 0.00	28.81 -1.27 0.00	25.84 -1.25 0.00	28.53 -1.21 0.00	29.61 -1.77 2.58	34.16 -1.66 0.00	29.45 -0.97 0.00	30.44 -1.09 0.00	27.46 -0.78 0.00	28.02 -0.59 0.00	25.34 -0.91 0.00	25.20 -0.71 0.00	25.06 -0.77 0.00	25.04 -0.97 0.00	27.46 -1.07 0.00	32.23 -1.00 0.00	40.29 -1.38 0.00	42.16 -1.41 0.00	36.48 -1.36 0.00	38.13 -1.68 0.00	30.46 -1.35 0.00	29.62 -1.42 0.00
HICKLING___2 23622	33.86 -1.09 0.00	34.43 -1.40 0.00	32.02 -1.59 0.00	28.81 -1.27 0.00	25.84 -1.25 0.00	28.53 -1.21 0.00	29.61 -1.77 2.58	34.16 -1.66 0.00	29.45 -0.97 0.00	30.44 -1.09 0.00	27.46 -0.78 0.00	28.02 -0.59 0.00	25.34 -0.91 0.00	25.20 -0.71 0.00	25.06 -0.77 0.00	25.04 -0.97 0.00	27.46 -1.07 0.00	32.23 -1.00 0.00	40.29 -1.38 0.00	42.16 -1.41 0.00	36.48 -1.36 0.00	38.13 -1.68 0.00	30.46 -1.35 0.00	29.62 -1.42 0.00
HIGH FALLS___HY 23754	36.94 1.99 0.00	37.75 1.92 0.00	35.28 1.67 0.00	31.56 1.48 0.00	28.55 1.46 0.00	31.28 1.55 0.00	35.95 1.87 -0.13	37.93 2.11 0.00	32.42 2.00 0.00	33.51 1.98 0.00	29.97 1.72 0.00	30.26 1.66 0.00	27.80 1.54 0.00	27.40 1.48 0.00	27.41 1.58 0.00	27.56 1.55 0.00	30.24 1.70 0.00	35.25 2.03 0.00	44.18 2.50 0.00	46.13 2.56 0.00	40.09 2.25 0.00	42.34 2.53 0.00	33.89 2.08 0.00	33.00 1.96 0.00
HIGH_RIVER___SOLAR 323847	36.19 1.24 0.00	37.11 1.28 0.00	34.80 1.19 0.00	31.14 1.06 0.00	28.06 0.98 0.00	30.84 1.10 0.00	35.22 1.27 0.00	36.72 0.90 0.00	30.76 0.34 0.00	31.75 0.22 0.00	28.42 0.17 0.00	28.77 0.16 0.00	26.43 0.17 0.00	26.07 0.16 0.00	26.01 0.18 0.00	26.22 0.21 0.00	29.00 0.47 0.00	33.72 0.48 0.00	42.49 0.81 0.00	45.20 1.63 0.00	39.52 1.68 0.00	41.54 1.73 0.00	33.14 1.33 0.00	32.26 1.22 0.00
HILLBURN___GT 23639	36.53 1.58 0.00	37.34 1.51 0.00	34.90 1.29 0.00	31.21 1.13 0.00	28.22 1.14 0.00	30.91 1.17 0.00	35.49 1.41 -0.13	37.37 1.55 0.00	31.91 1.48 0.00	33.21 1.69 0.00	29.84 1.60 0.00	30.19 1.59 0.00	27.79 1.54 0.00	27.56 1.65 0.00	27.58 1.75 0.00	27.79 1.78 0.00	30.52 1.98 0.00	35.45 2.21 0.00	44.18 2.51 0.00	46.00 2.43 0.00	39.93 2.09 0.00	41.95 2.14 0.00	33.60 1.79 0.00	32.76 1.73 0.00
HILLSIDE_115KV_TB1 80332	33.39 -1.57 0.00	33.97 -1.86 0.00	31.56 -2.05 0.00	28.41 -1.67 0.00	25.50 -1.59 0.00	28.21 -1.53 0.00	28.84 -2.18 2.93	33.73 -2.08 0.00	29.12 -1.31 0.00	30.15 -1.37 0.00	27.22 -1.03 0.00	27.73 -0.87 0.00	25.10 -1.15 0.00	24.99 -0.93 0.00	24.89 -0.94 0.00	24.89 -1.12 0.00	27.26 -1.28 0.00	31.98 -1.25 0.00	39.96 -1.72 0.00	41.75 -1.83 0.00	36.13 -1.72 0.00	37.78 -2.03 0.00	30.23 -1.58 0.00	29.41 -1.63 0.00

HISHELDN_WT_PWR 323625	33.14 -1.81 0.00	33.57 -2.26 0.00	31.40 -2.21 0.00	28.32 -1.76 0.00	25.29 -1.80 0.00	27.60 -2.14 0.00	29.81 -2.83 1.31	33.04 -2.78 0.00	28.51 -1.91 0.00	29.55 -1.97 0.00	26.62 -1.63 0.00	27.47 -1.13 0.00	24.76 -1.49 0.00	24.64 -1.27 0.00	24.17 -1.66 0.00	23.83 -2.18 0.00	26.17 -2.37 0.00	30.46 -2.77 0.00	37.85 -3.83 0.00	39.65 -3.92 0.00	34.35 -3.49 0.00	35.99 -3.82 0.00	28.84 -2.97 0.00	28.34 -2.69 0.00
HOLTSVILLE_IC_1 23690	36.97 2.02 0.00	38.00 2.17 0.00	35.57 1.96 0.00	31.87 1.79 0.00	32.69 1.83 -3.77	32.18 1.89 -0.55	36.10 1.81 -0.33	39.66 1.95 -1.89	33.65 2.23 -1.00	33.71 2.18 0.00	30.35 2.10 0.00	30.48 1.88 0.00	27.80 1.54 0.00	27.50 1.59 0.00	27.66 1.83 0.00	27.82 1.81 0.00	30.66 2.12 0.00	35.97 2.45 -0.28	48.78 2.57 -4.54	50.54 2.17 -4.80	42.98 1.79 -3.35	42.77 2.24 -0.72	35.46 2.32 -1.34	42.58 2.43 -9.11
HOLTSVILLE_IC_10 23699	37.09 2.14 0.00	38.14 2.31 0.00	35.70 2.09 0.00	31.99 1.91 0.00	32.80 1.94 -3.77	32.30 2.02 -0.55	36.20 1.95 -0.29	39.48 2.12 -1.54	33.79 2.37 -1.00	33.81 2.28 0.00	30.44 2.19 0.00	30.59 1.99 0.00	27.85 1.60 0.00	27.55 1.64 0.00	27.72 1.89 0.00	27.89 1.88 0.00	30.76 2.22 0.00	36.04 2.58 -0.23	48.16 2.75 -3.73	49.87 2.35 -3.94	42.53 1.95 -2.75	42.83 2.43 -0.59	35.41 2.47 -1.13	42.71 2.56 -9.11
HOLTSVILLE_IC_2 23691	36.97 2.02 0.00	38.00 2.17 0.00	35.57 1.96 0.00	31.87 1.79 0.00	32.69 1.83 -3.77	32.18 1.89 -0.55	36.10 1.81 -0.33	39.66 1.95 -1.89	33.65 2.23 -1.00	33.71 2.18 0.00	30.35 2.10 0.00	30.48 1.88 0.00	27.80 1.54 0.00	27.50 1.59 0.00	27.66 1.83 0.00	27.82 1.81 0.00	30.66 2.12 0.00	35.97 2.45 -0.28	48.78 2.57 -4.54	50.54 2.17 -4.80	42.98 1.79 -3.35	42.77 2.24 -0.72	35.46 2.32 -1.34	42.58 2.43 -9.11
HOLTSVILLE_IC_3 23692	36.97 2.02 0.00	38.00 2.17 0.00	35.57 1.96 0.00	31.87 1.79 0.00	32.69 1.83 -3.77	32.18 1.89 -0.55	36.10 1.81 -0.33	39.66 1.95 -1.89	33.65 2.23 -1.00	33.71 2.18 0.00	30.35 2.10 0.00	30.48 1.88 0.00	27.80 1.54 0.00	27.50 1.59 0.00	27.66 1.83 0.00	27.82 1.81 0.00	30.66 2.12 0.00	35.97 2.45 -0.28	48.78 2.57 -4.54	50.54 2.17 -4.80	42.98 1.79 -3.35	42.77 2.24 -0.72	35.46 2.32 -1.34	42.58 2.43 -9.11
HOLTSVILLE_IC_4 23693	36.97 2.02 0.00	38.00 2.17 0.00	35.57 1.96 0.00	31.87 1.79 0.00	32.69 1.83 -3.77	32.18 1.89 -0.55	36.10 1.81 -0.33	39.66 1.95 -1.89	33.65 2.23 -1.00	33.71 2.18 0.00	30.35 2.10 0.00	30.48 1.88 0.00	27.80 1.54 0.00	27.50 1.59 0.00	27.66 1.83 0.00	27.82 1.81 0.00	30.66 2.12 0.00	35.97 2.45 -0.28	48.78 2.57 -4.54	50.54 2.17 -4.80	42.98 1.79 -3.35	42.77 2.24 -0.72	35.46 2.32 -1.34	42.58 2.43 -9.11
HOLTSVILLE_IC_5 23694	36.97 2.02 0.00	38.00 2.17 0.00	35.57 1.96 0.00	31.87 1.79 0.00	32.69 1.83 -3.77	32.18 1.89 -0.55	36.10 1.81 -0.33	39.66 1.95 -1.89	33.65 2.23 -1.00	33.71 2.18 0.00	30.35 2.10 0.00	30.48 1.88 0.00	27.80 1.54 0.00	27.50 1.59 0.00	27.66 1.83 0.00	27.82 1.81 0.00	30.66 2.12 0.00	35.97 2.45 -0.28	48.78 2.57 -4.54	50.54 2.17 -4.80	42.98 1.79 -3.35	42.77 2.24 -0.72	35.46 2.32 -1.34	42.58 2.43 -9.11
HOLTSVILLE_IC_6 23695	37.09 2.14 0.00	38.14 2.31 0.00	35.70 2.09 0.00	31.99 1.91 0.00	32.80 1.94 -3.77	32.30 2.02 -0.55	36.20 1.95 -0.29	39.48 2.12 -1.54	33.79 2.37 -1.00	33.81 2.28 0.00	30.44 2.19 0.00	30.59 1.99 0.00	27.85 1.60 0.00	27.55 1.64 0.00	27.72 1.89 0.00	27.89 1.88 0.00	30.76 2.22 0.00	36.04 2.58 -0.23	48.16 2.75 -3.73	49.87 2.35 -3.94	42.53 1.95 -2.75	42.83 2.43 -0.59	35.41 2.47 -1.13	42.71 2.56 -9.11
HOLTSVILLE_IC_7 23696	37.09 2.14 0.00	38.14 2.31 0.00	35.70 2.09 0.00	31.99 1.91 0.00	32.80 1.94 -3.77	32.30 2.02 -0.55	36.20 1.95 -0.29	39.48 2.12 -1.54	33.79 2.37 -1.00	33.81 2.28 0.00	30.44 2.19 0.00	30.59 1.99 0.00	27.85 1.60 0.00	27.55 1.64 0.00	27.72 1.89 0.00	27.89 1.88 0.00	30.76 2.22 0.00	36.04 2.58 -0.23	48.16 2.75 -3.73	49.87 2.35 -3.94	42.53 1.95 -2.75	42.83 2.43 -0.59	35.41 2.47 -1.13	42.71 2.56 -9.11
HOLTSVILLE_IC_8 23697	37.09 2.14 0.00	38.14 2.31 0.00	35.70 2.09 0.00	31.99 1.91 0.00	32.80 1.94 -3.77	32.30 2.02 -0.55	36.20 1.95 -0.29	39.48 2.12 -1.54	33.79 2.37 -1.00	33.81 2.28 0.00	30.44 2.19 0.00	30.59 1.99 0.00	27.85 1.60 0.00	27.55 1.64 0.00	27.72 1.89 0.00	27.89 1.88 0.00	30.76 2.22 0.00	36.04 2.58 -0.23	48.16 2.75 -3.73	49.87 2.35 -3.94	42.53 1.95 -2.75	42.83 2.43 -0.59	35.41 2.47 -1.13	42.71 2.56 -9.11
HOLTSVILLE_IC_9 23698	37.09 2.14 0.00	38.14 2.31 0.00	35.70 2.09 0.00	31.99 1.91 0.00	32.80 1.94 -3.77	32.30 2.02 -0.55	36.20 1.95 -0.29	39.48 2.12 -1.54	33.79 2.37 -1.00	33.81 2.28 0.00	30.44 2.19 0.00	30.59 1.99 0.00	27.85 1.60 0.00	27.55 1.64 0.00	27.72 1.89 0.00	27.89 1.88 0.00	30.76 2.22 0.00	36.04 2.58 -0.23	48.16 2.75 -3.73	49.87 2.35 -3.94	42.53 1.95 -2.75	42.83 2.43 -0.59	35.41 2.47 -1.13	42.71 2.56 -9.11
HOMER_HL_115KV_TB2 355744	33.38 -1.58 0.00	33.76 -2.07 0.00	31.52 -2.09 0.00	28.44 -1.64 0.00	25.48 -1.60 0.00	27.98 -1.75 0.00	30.45 -2.24 1.26	33.63 -2.19 0.00	28.97 -1.45 0.00	30.26 -1.26 0.00	27.20 -1.05 0.00	28.01 -0.59 0.00	25.24 -1.02 0.00	25.17 -0.75 0.00	24.64 -1.19 0.00	24.33 -1.68 0.00	26.74 -1.80 0.00	31.20 -2.03 0.00	38.66 -3.02 0.00	40.53 -3.04 0.00	35.18 -2.66 0.00	36.92 -2.89 0.00	29.62 -2.19 0.00	28.99 -2.05 0.00
HOWARD_WT_PWR 323690	34.22 -0.74 0.00	34.72 -1.11 0.00	32.37 -1.24 0.00	29.08 -0.99 0.00	25.94 -1.15 0.00	28.35 -1.39 0.00	30.21 -1.95 1.79	34.03 -1.78 0.00	29.37 -1.05 0.00	30.21 -1.32 0.00	27.32 -0.93 0.00	28.11 -0.49 0.00	25.36 -0.90 0.00	25.18 -0.73 0.00	24.91 -0.91 0.00	24.81 -1.19 0.00	27.23 -1.31 0.00	31.77 -1.46 0.00	39.79 -1.88 0.00	41.84 -1.73 0.00	36.04 -1.80 0.00	37.66 -2.15 0.00	29.90 -1.91 0.00	28.99 -2.05 0.00
HQ_GEN_CEDARS 23644	34.96 0.01 0.00	35.74 -0.09 0.00	33.56 -0.06 0.00	30.08 0.00 0.00	27.10 0.02 0.00	29.79 0.06 0.00	34.14 0.19 0.00	35.90 0.08 0.00	30.38 -0.05 0.00	31.42 -0.10 0.00	28.06 -0.19 0.00	28.45 -0.15 0.00	26.08 -0.18 0.00	25.70 -0.22 0.00	25.53 -0.30 0.00	25.73 -0.28 0.00	28.29 -0.25 0.00	33.08 -0.15 0.00	41.57 -0.11 0.00	43.59 0.02 0.00	37.90 0.06 0.00	39.77 -0.03 0.00	31.68 -0.13 0.00	30.89 -0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	34.96 0.00 0.00	35.74 -0.09 0.00	33.56 -0.06 0.00	30.08 0.00 0.00	27.10 0.02 0.00	29.79 0.06 0.00	34.14 0.19 0.00	35.90 0.08 0.00	30.38 -0.05 0.00	31.42 -0.10 0.00	28.06 -0.19 0.00	28.45 -0.15 0.00	26.08 -0.18 0.00	25.70 -0.22 0.00	25.53 -0.30 0.00	25.73 -0.28 0.00	28.29 -0.25 0.00	33.09 -0.15 0.00	41.57 -0.11 0.00	43.59 0.02 0.00	37.90 0.06 0.00	39.78 -0.03 0.00	31.68 -0.13 0.00	30.89 -0.15 0.00

HQ_GEN_CHPE_PROXY 323851	36.66 1.71 0.00	37.47 1.64 0.00	35.04 1.43 0.00	31.36 1.29 0.00	28.40 1.31 0.00	32.43 1.34 -1.35	35.66 1.59 -0.13	37.59 1.77 0.00	34.15 1.72 -2.01	33.45 1.93 0.00	30.10 1.85 0.00	30.42 1.81 0.00	28.01 1.76 0.00	27.81 1.90 0.00	27.83 2.00 0.00	28.02 2.01 0.00	30.73 2.20 0.00	35.66 2.43 0.00	44.36 2.68 0.00	46.08 2.50 0.00	40.04 2.21 0.00	42.09 2.28 0.00	33.75 1.94 0.00	32.90 1.86 0.00
HQ_GEN_IMPORT 323601	35.09 0.13 0.00	35.94 0.11 0.00	33.72 0.11 0.00	30.20 0.12 0.00	27.20 0.11 0.00	31.21 0.13 -1.35	34.14 0.19 0.00	36.00 0.18 0.00	32.57 0.15 -2.01	31.68 0.16 0.00	28.35 0.10 0.00	28.72 0.12 0.00	26.34 0.09 0.00	25.99 0.08 0.00	25.87 0.04 0.00	26.05 0.04 0.00	28.61 0.08 0.00	33.37 0.14 0.00	41.85 0.18 0.00	43.78 0.20 0.00	38.01 0.17 0.00	39.96 0.15 0.00	31.89 0.08 0.00	31.11 0.07 0.00
HQ_GEN_WHEEL 23651	35.09 0.13 0.00	35.94 0.11 0.00	33.72 0.11 0.00	30.20 0.12 0.00	27.20 0.11 0.00	31.21 0.13 -1.35	34.14 0.19 0.00	36.00 0.18 0.00	32.57 0.15 -2.01	31.68 0.16 0.00	28.35 0.10 0.00	28.72 0.12 0.00	26.34 0.09 0.00	25.99 0.08 0.00	25.87 0.04 0.00	26.05 0.04 0.00	28.61 0.08 0.00	33.37 0.14 0.00	41.85 0.18 0.00	43.78 0.20 0.00	38.01 0.17 0.00	39.96 0.15 0.00	31.89 0.08 0.00	31.11 0.07 0.00
HUDSON_AVE_GT_3 23810	36.75 1.80 0.00	37.56 1.74 0.00	35.13 1.51 0.00	31.44 1.36 0.00	28.46 1.37 0.00	31.14 1.41 0.00	35.76 1.68 -0.13	37.69 1.87 0.00	32.24 1.82 0.00	33.55 2.03 0.00	30.19 1.94 0.00	30.52 1.91 0.00	28.10 1.85 0.00	27.90 1.98 0.00	27.91 2.08 0.00	28.10 2.10 0.00	30.83 2.29 0.00	35.77 2.54 0.00	44.48 2.81 0.00	46.22 2.65 0.00	40.17 2.33 0.00	42.22 2.41 0.00	33.85 2.04 0.00	32.99 1.95 0.00
HUDSON_AVE_GT_4 23540	36.75 1.80 0.00	37.56 1.74 0.00	35.13 1.51 0.00	31.44 1.36 0.00	28.46 1.37 0.00	31.14 1.41 0.00	35.76 1.68 -0.13	37.69 1.87 0.00	32.24 1.82 0.00	33.55 2.03 0.00	30.19 1.94 0.00	30.52 1.91 0.00	28.10 1.85 0.00	27.90 1.98 0.00	27.91 2.08 0.00	28.10 2.10 0.00	30.83 2.29 0.00	35.77 2.54 0.00	44.48 2.81 0.00	46.22 2.65 0.00	40.17 2.33 0.00	42.22 2.41 0.00	33.85 2.04 0.00	32.99 1.95 0.00
HUDSON_AVE_GT_5 23657	36.75 1.80 0.00	37.56 1.74 0.00	35.13 1.51 0.00	31.44 1.36 0.00	28.46 1.37 0.00	31.14 1.41 0.00	35.76 1.68 -0.13	37.69 1.87 0.00	32.24 1.82 0.00	33.55 2.03 0.00	30.19 1.94 0.00	30.52 1.91 0.00	28.10 1.85 0.00	27.90 1.98 0.00	27.91 2.08 0.00	28.10 2.10 0.00	30.83 2.29 0.00	35.77 2.54 0.00	44.48 2.81 0.00	46.22 2.65 0.00	40.17 2.33 0.00	42.22 2.41 0.00	33.85 2.04 0.00	32.99 1.95 0.00
HUDSON_AVE_10 24168	36.59 1.64 0.00	37.39 1.56 0.00	34.96 1.35 0.00	31.29 1.21 0.00	28.34 1.25 0.00	31.01 1.28 0.00	35.63 1.55 -0.13	37.54 1.72 0.00	32.10 1.67 0.00	33.42 1.90 0.00	30.06 1.82 0.00	30.39 1.78 0.00	27.99 1.73 0.00	27.79 1.88 0.00	27.80 1.97 0.00	27.99 1.98 0.00	30.70 2.17 0.00	35.62 2.38 0.00	44.27 2.60 0.00	45.98 2.41 0.00	39.97 2.14 0.00	42.02 2.21 0.00	33.69 1.88 0.00	32.81 1.78 0.00
HUDSON___115KV_TB 4 355613	36.22 1.27 0.00	37.19 1.36 0.00	34.93 1.32 0.00	31.22 1.14 0.00	28.12 1.03 0.00	30.88 1.15 0.00	35.25 1.30 0.00	37.14 1.33 0.00	31.27 0.85 0.00	32.36 0.83 0.00	28.97 0.72 0.00	29.26 0.65 0.00	26.96 0.70 0.00	26.59 0.67 0.00	26.61 0.78 0.00	26.84 0.84 0.00	29.39 0.86 0.00	34.18 0.95 0.00	42.96 1.28 0.00	45.10 1.54 0.00	39.29 1.44 0.00	41.36 1.56 0.00	33.14 1.33 0.00	32.30 1.26 0.00
HUNTER MOUNT___DRP 323613	36.31 1.36 0.00	37.27 1.44 0.00	35.01 1.41 0.00	31.29 1.21 0.00	28.19 1.10 0.00	30.97 1.24 0.00	35.37 1.42 0.00	37.28 1.46 0.00	31.39 0.96 0.00	32.44 0.92 0.00	29.02 0.77 0.00	29.30 0.70 0.00	27.00 0.74 0.00	26.63 0.72 0.00	26.66 0.83 0.00	26.88 0.87 0.00	29.45 0.92 0.00	34.27 1.04 0.00	43.14 1.46 0.00	45.28 1.71 0.00	39.45 1.61 0.00	41.53 1.72 0.00	33.25 1.44 0.00	32.40 1.37 0.00
HUNTINGTON_RES_REC 323705	36.96 2.01 0.00	37.96 2.13 0.00	35.52 1.91 0.00	31.80 1.72 0.00	32.62 1.76 -3.77	32.09 1.81 -0.55	35.73 1.70 -0.08	37.20 1.81 0.43	33.57 2.14 -1.00	33.68 2.16 0.00	30.29 2.04 0.00	30.46 1.85 0.00	27.77 1.52 0.00	27.49 1.57 0.00	27.63 1.80 0.00	27.77 1.76 0.00	30.58 2.04 0.00	35.51 2.34 0.06	43.09 2.44 1.03	44.60 2.11 1.09	38.83 1.75 0.76	41.78 2.13 0.16	33.93 2.19 0.06	42.48 2.33 -9.11
HUNTLEY___63 23557	32.96 -1.99 0.00	33.32 -2.51 0.00	31.22 -2.39 0.00	28.24 -1.84 0.00	25.33 -1.75 0.00	27.67 -2.07 1.02	30.18 -2.75 0.00	33.10 -2.72 0.00	28.58 -1.84 0.00	29.79 -1.74 0.00	26.67 -1.58 0.00	27.49 -1.12 0.00	24.69 -1.56 0.00	24.56 -1.36 0.00	23.95 -1.88 0.00	23.49 -2.52 0.00	25.87 -2.67 0.00	30.19 -3.04 0.00	37.28 -4.40 0.00	39.06 -4.52 0.00	33.95 -3.89 0.00	35.74 -4.07 0.00	28.81 -3.00 0.00	28.51 -2.53 0.00
HUNTLEY___64 23558	32.96 -1.99 0.00	33.32 -2.51 0.00	31.22 -2.39 0.00	28.24 -1.84 0.00	25.33 -1.75 0.00	27.67 -2.07 1.02	30.18 -2.75 0.00	33.10 -2.72 0.00	28.58 -1.84 0.00	29.79 -1.74 0.00	26.67 -1.58 0.00	27.49 -1.12 0.00	24.69 -1.56 0.00	24.56 -1.36 0.00	23.95 -1.88 0.00	23.49 -2.52 0.00	25.87 -2.67 0.00	30.19 -3.04 0.00	37.28 -4.40 0.00	39.06 -4.52 0.00	33.95 -3.89 0.00	35.74 -4.07 0.00	28.81 -3.00 0.00	28.51 -2.53 0.00
HUNTLEY___65 23559	32.96 -1.99 0.00	33.32 -2.51 0.00	31.22 -2.39 0.00	28.24 -1.84 0.00	25.33 -1.75 0.00	27.67 -2.07 1.02	30.18 -2.75 0.00	33.10 -2.72 0.00	28.58 -1.84 0.00	29.79 -1.74 0.00	26.67 -1.58 0.00	27.49 -1.12 0.00	24.69 -1.56 0.00	24.56 -1.36 0.00	23.95 -1.88 0.00	23.49 -2.52 0.00	25.87 -2.67 0.00	30.19 -3.04 0.00	37.28 -4.40 0.00	39.06 -4.52 0.00	33.95 -3.89 0.00	35.74 -4.07 0.00	28.81 -3.00 0.00	28.51 -2.53 0.00
HUNTLEY___66 23560	32.96 -1.99 0.00	33.32 -2.51 0.00	31.22 -2.39 0.00	28.24 -1.84 0.00	25.33 -1.75 0.00	27.67 -2.07 1.02	30.18 -2.75 0.00	33.10 -2.72 0.00	28.58 -1.84 0.00	29.79 -1.74 0.00	26.67 -1.58 0.00	27.49 -1.12 0.00	24.69 -1.56 0.00	24.56 -1.36 0.00	23.95 -1.88 0.00	23.49 -2.52 0.00	25.87 -2.67 0.00	30.19 -3.04 0.00	37.28 -4.40 0.00	39.06 -4.52 0.00	33.95 -3.89 0.00	35.74 -4.07 0.00	28.81 -3.00 0.00	28.51 -2.53 0.00
HUNTLEY___67 23561	32.75 -2.21 0.00	33.09 -2.74 0.00	31.01 -2.60 0.00	28.05 -2.03 0.00	25.16 -1.93 0.00	27.48 -2.26 1.06	29.94 -2.95 0.00	32.92 -2.90 0.00	28.42 -2.01 0.00	29.62 -1.90 0.00	26.55 -1.70 0.00	27.36 -1.25 0.00	24.58 -1.67 0.00	24.44 -1.47 0.00	23.85 -1.98 0.00	23.41 -2.60 0.00	25.78 -2.76 0.00	30.11 -3.13 0.00	37.15 -4.53 0.00	38.89 -4.68 0.00	33.80 -4.04 0.00	35.55 -4.26 0.00	28.64 -3.17 0.00	28.31 -2.72 0.00

HUNTLEY___68 23562	32.75 -2.21 0.00	33.09 -2.74 0.00	31.01 -2.60 0.00	28.05 -2.03 0.00	25.16 -1.93 0.00	27.48 -2.26 0.00	29.94 -2.95 1.06	32.92 -2.90 0.00	28.42 -2.01 0.00	29.62 -1.90 0.00	26.55 -1.70 0.00	27.36 -1.25 0.00	24.58 -1.67 0.00	24.44 -1.47 0.00	23.85 -1.98 0.00	23.41 -2.60 0.00	25.78 -2.76 0.00	30.11 -3.13 0.00	37.15 -4.53 0.00	38.89 -4.68 0.00	33.80 -4.04 0.00	35.55 -4.26 0.00	28.64 -3.17 0.00	28.31 -2.72 0.00
HYLAND___LFGE 323620	35.59 0.64 0.00	36.11 0.28 0.00	33.74 0.13 0.00	30.34 0.26 0.00	27.24 0.15 0.00	29.94 0.20 0.00	32.85 0.15 1.26	36.17 0.35 0.00	30.86 0.43 0.00	31.16 -0.37 0.00	27.96 -0.29 0.00	28.80 0.19 0.00	26.05 -0.21 0.00	25.82 -0.09 0.00	25.48 -0.35 0.00	25.33 -0.68 0.00	27.88 -0.65 0.00	32.30 -0.93 0.00	40.56 -1.11 0.00	43.39 -0.18 0.00	38.01 0.17 0.00	39.83 0.02 0.00	31.71 -0.10 0.00	30.87 -0.17 0.00
INDECK___CORINTH 23802	35.47 0.52 0.00	36.36 0.53 0.00	34.22 0.61 0.00	30.60 0.52 0.00	27.60 0.51 0.00	30.39 0.66 0.00	34.59 0.64 0.00	36.36 0.54 0.00	30.52 0.10 0.00	31.40 -0.12 0.00	28.04 -0.21 0.00	28.24 -0.36 0.00	26.00 -0.25 0.00	25.59 -0.33 0.00	25.69 -0.14 0.00	26.00 0.00 0.00	28.61 0.07 0.00	33.44 0.21 0.00	42.18 0.50 0.00	44.22 0.65 0.00	38.42 0.58 0.00	40.58 0.77 0.00	32.47 0.66 0.00	31.76 0.72 0.00
INDECK___ILION 23567	35.35 0.40 0.00	36.34 0.51 0.00	34.08 0.47 0.00	30.46 0.38 0.00	27.43 0.35 0.00	30.17 0.43 0.00	34.41 0.46 0.00	36.13 0.31 0.00	30.32 -0.10 0.00	31.23 -0.30 0.00	27.92 -0.32 0.00	28.21 -0.39 0.00	25.89 -0.36 0.00	25.54 -0.37 0.00	25.51 -0.32 0.00	25.74 -0.27 0.00	28.27 -0.27 0.00	33.02 -0.21 0.00	41.82 0.14 0.00	44.06 0.49 0.00	38.24 0.40 0.00	40.21 0.40 0.00	32.16 0.35 0.00	31.31 0.27 0.00
INDECK___OLEAN 23982	33.36 -1.59 0.00	33.76 -2.07 0.00	31.52 -2.09 0.00	28.44 -1.64 0.00	25.48 -1.60 0.00	27.99 -1.75 0.00	30.45 -2.24 1.26	33.64 -2.18 0.00	28.98 -1.44 0.00	30.25 -1.28 0.00	27.20 -1.05 0.00	28.01 -0.60 0.00	25.24 -1.02 0.00	25.16 -0.75 0.00	24.65 -1.19 0.00	24.33 -1.68 0.00	26.73 -1.80 0.00	31.20 -2.03 0.00	38.65 -3.03 0.00	40.53 -3.04 0.00	35.17 -2.67 0.00	36.90 -2.91 0.00	29.62 -2.19 0.00	28.98 -2.05 0.00
INDECK___OSWEGO 23783	33.77 -1.18 0.00	34.57 -1.25 0.00	32.43 -1.18 0.00	29.03 -1.05 0.00	26.19 -0.90 0.00	28.74 -0.99 0.00	32.83 -1.12 0.00	34.62 -1.20 0.00	29.41 -1.01 0.00	30.45 -1.08 0.00	27.31 -0.94 0.00	27.65 -0.95 0.00	25.36 -0.90 0.00	25.03 -0.89 0.00	24.93 -0.90 0.00	25.05 -0.95 0.00	27.46 -1.08 0.00	31.96 -1.27 0.00	40.14 -1.53 0.00	42.03 -1.54 0.00	36.56 -1.28 0.00	38.44 -1.37 0.00	30.73 -1.08 0.00	29.98 -1.06 0.00
INDECK___YERKES 23781	32.97 -1.99 0.00	33.36 -2.47 0.00	31.25 -2.36 0.00	28.26 -1.82 0.00	25.36 -1.73 0.00	27.70 -2.04 0.00	30.21 -2.73 1.02	33.14 -2.68 0.00	28.61 -1.81 0.00	29.80 -1.72 0.00	26.69 -1.56 0.00	27.52 -1.09 0.00	24.71 -1.54 0.00	24.58 -1.33 0.00	23.98 -1.85 0.00	23.51 -2.50 0.00	25.90 -2.64 0.00	30.22 -3.01 0.00	37.31 -4.37 0.00	39.10 -4.47 0.00	33.99 -3.85 0.00	35.78 -4.04 0.00	28.84 -2.97 0.00	28.54 -2.49 0.00
INDIAN POINT_GT_1 24139	36.48 1.53 0.00	37.31 1.48 0.00	34.89 1.28 0.00	31.21 1.13 0.00	28.24 1.15 0.00	30.92 1.18 0.00	35.47 1.39 -0.13	37.36 1.54 0.00	31.90 1.48 0.00	33.18 1.65 0.00	29.82 1.57 0.00	30.14 1.54 0.00	27.76 1.50 0.00	27.52 1.61 0.00	27.54 1.71 0.00	27.75 1.74 0.00	30.45 1.91 0.00	35.35 2.13 0.00	44.06 2.39 0.00	45.86 2.29 0.00	39.82 1.98 0.00	41.86 2.06 0.00	33.56 1.75 0.00	32.72 1.68 0.00
INDIAN POINT_GT_2 23659	36.48 1.53 0.00	37.31 1.48 0.00	34.89 1.28 0.00	31.21 1.13 0.00	28.24 1.15 0.00	30.92 1.18 0.00	35.47 1.39 -0.13	37.36 1.54 0.00	31.90 1.48 0.00	33.18 1.65 0.00	29.82 1.57 0.00	30.14 1.54 0.00	27.76 1.50 0.00	27.52 1.61 0.00	27.54 1.71 0.00	27.75 1.74 0.00	30.45 1.91 0.00	35.35 2.13 0.00	44.06 2.39 0.00	45.86 2.29 0.00	39.82 1.98 0.00	41.86 2.06 0.00	33.56 1.75 0.00	32.72 1.68 0.00
INDIAN POINT_GT_3 24019	36.48 1.53 0.00	37.31 1.48 0.00	34.89 1.28 0.00	31.21 1.13 0.00	28.24 1.15 0.00	30.92 1.18 0.00	35.47 1.39 -0.13	37.36 1.54 0.00	31.90 1.48 0.00	33.18 1.65 0.00	29.82 1.57 0.00	30.14 1.54 0.00	27.76 1.50 0.00	27.52 1.61 0.00	27.54 1.71 0.00	27.75 1.74 0.00	30.45 1.91 0.00	35.35 2.13 0.00	44.06 2.39 0.00	45.86 2.29 0.00	39.82 1.98 0.00	41.86 2.06 0.00	33.56 1.75 0.00	32.72 1.68 0.00
INDIAN POINT___2 23530	36.47 1.52 0.00	37.30 1.47 0.00	34.87 1.26 0.00	31.20 1.12 0.00	28.21 1.13 0.00	30.89 1.15 0.00	35.45 1.37 -0.13	37.33 1.51 0.00	31.87 1.45 0.00	33.17 1.64 0.00	29.81 1.56 0.00	30.13 1.53 0.00	27.74 1.49 0.00	27.52 1.61 0.00	27.54 1.71 0.00	27.73 1.72 0.00	30.45 1.91 0.00	35.35 2.13 0.00	44.06 2.38 0.00	45.86 2.29 0.00	39.81 1.97 0.00	41.85 2.04 0.00	33.54 1.73 0.00	32.71 1.67 0.00
INDIAN POINT___3 23531	36.47 1.52 0.00	37.30 1.48 0.00	34.88 1.27 0.00	31.20 1.12 0.00	28.23 1.14 0.00	30.90 1.17 0.00	35.45 1.37 -0.13	37.34 1.52 0.00	31.88 1.46 0.00	33.16 1.64 0.00	29.81 1.56 0.00	30.13 1.53 0.00	27.74 1.49 0.00	27.51 1.60 0.00	27.53 1.70 0.00	27.73 1.73 0.00	30.44 1.90 0.00	35.34 2.11 0.00	44.05 2.37 0.00	45.85 2.28 0.00	39.81 1.97 0.00	41.85 2.04 0.00	33.54 1.73 0.00	32.70 1.67 0.00
INGHAM_C_115KV_TB7 356103	35.78 0.83 0.00	36.87 1.05 0.00	34.59 0.98 0.00	30.88 0.80 0.00	27.79 0.70 0.00	30.64 0.90 0.00	34.90 0.95 0.00	36.38 0.56 0.00	30.04 -0.38 0.00	30.66 -0.87 0.00	27.34 -0.91 0.00	27.52 -1.08 0.00	25.24 -1.01 0.00	24.90 -1.02 0.00	24.92 -0.91 0.00	25.20 -0.80 0.00	27.72 -0.82 0.00	32.53 -0.70 0.00	41.78 0.10 0.00	44.51 0.93 0.00	38.58 0.75 0.00	40.55 0.74 0.00	32.50 0.70 0.00	31.60 0.56 0.00
IP CORINTH___1 23988	35.65 0.70 0.00	36.55 0.72 0.00	34.39 0.78 0.00	30.76 0.68 0.00	27.74 0.65 0.00	30.54 0.81 0.00	34.79 0.84 0.00	36.57 0.75 0.00	30.70 0.28 0.00	31.57 0.04 0.00	28.19 -0.06 0.00	28.40 -0.20 0.00	26.14 -0.11 0.00	25.73 -0.19 0.00	25.82 -0.01 0.00	26.13 0.13 0.00	28.76 0.22 0.00	33.62 0.39 0.00	42.40 0.72 0.00	44.46 0.89 0.00	38.64 0.80 0.00	40.80 0.99 0.00	32.65 0.84 0.00	31.92 0.88 0.00
IP___TICONDEROGA 23804	37.06 2.11 0.00	37.83 2.01 0.00	35.81 2.20 0.00	32.03 1.95 0.00	28.99 1.91 0.00	32.07 2.33 0.00	36.49 2.54 0.00	38.06 2.24 0.00	31.71 1.29 0.00	32.50 0.98 0.00	28.94 0.69 0.00	28.98 0.38 0.00	26.77 0.51 0.00	26.24 0.32 0.00	26.52 0.69 0.00	26.92 0.92 0.00	29.68 1.14 0.00	34.75 1.52 0.00	43.82 2.15 0.00	45.87 2.29 0.00	40.05 2.21 0.00	42.63 2.82 0.00	34.22 2.41 0.00	33.49 2.45 0.00

ISLIP_RES_REC 323679	37.20 2.25 0.00	38.23 2.40 0.00	35.79 2.17 0.00	32.06 1.98 0.00	32.87 2.01 -3.77	32.39 2.10 -0.55	36.30 2.06 -0.29	39.56 2.24 -1.51	33.90 2.48 -1.00	33.90 2.38 0.00	30.51 2.26 0.00	30.67 2.07 0.00	27.90 1.65 0.00	27.59 1.68 0.00	27.76 1.93 0.00	27.93 1.93 0.00	30.82 2.28 0.00	36.12 2.67 -0.23	48.19 2.87 -3.65	49.92 2.49 -3.85	42.61 2.08 -2.69	42.95 2.56 -0.58	35.49 2.57 -1.11	42.81 2.66 -9.11
JAMAICA__27_KV_LOAD 355505	36.75 1.80 0.00	37.58 1.75 0.00	35.11 1.50 0.00	31.44 1.36 0.00	28.50 1.42 0.00	31.18 1.45 0.00	35.84 1.77 -0.13	37.76 1.95 0.00	32.28 1.86 0.00	33.63 2.10 0.00	30.23 1.98 0.00	30.56 1.96 0.00	28.15 1.89 0.00	27.96 2.05 0.00	27.97 2.14 0.00	28.14 2.14 0.00	30.87 2.33 0.00	35.80 2.57 0.00	44.47 2.80 0.00	46.15 2.58 0.00	40.16 2.32 0.00	42.23 2.42 0.00	33.86 2.05 0.00	32.93 1.89 0.00
JANIS__SOLAR 323808	36.07 1.12 0.00	36.90 1.07 0.00	34.51 0.90 0.00	30.89 0.81 0.00	27.84 0.75 0.00	30.69 0.96 0.00	35.15 1.20 0.00	37.04 1.22 0.00	31.22 0.80 0.00	31.80 0.28 0.00	28.06 -0.19 0.00	28.24 -0.36 0.00	25.80 -0.45 0.00	25.52 -0.40 0.00	25.44 -0.39 0.00	25.59 -0.41 0.00	28.21 -0.33 0.00	33.23 0.00 0.00	42.60 0.92 0.00	45.14 1.57 0.00	39.26 1.42 0.00	41.26 1.45 0.00	32.89 1.08 0.00	31.85 0.82 0.00
JARVIS____ 23743	34.99 0.04 0.00	35.90 0.07 0.00	33.68 0.07 0.00	30.11 0.03 0.00	27.11 0.03 0.00	29.77 0.03 0.00	33.99 0.03 0.00	35.85 0.04 0.00	30.43 0.01 0.00	31.52 0.00 0.00	28.25 0.00 0.00	28.59 -0.01 0.00	26.25 0.00 0.00	25.92 0.01 0.00	25.86 0.04 0.00	26.05 0.05 0.00	28.58 0.04 0.00	33.25 0.02 0.00	41.73 0.05 0.00	43.64 0.07 0.00	37.89 0.05 0.00	39.89 0.08 0.00	31.89 0.08 0.00	31.10 0.06 0.00
JENNISON__1 23625	36.38 1.43 0.00	37.28 1.45 0.00	34.84 1.23 0.00	31.06 0.98 0.00	27.94 0.85 0.00	30.80 1.07 0.00	35.72 1.30 -0.47	37.16 1.34 0.00	31.49 1.07 0.00	32.34 0.81 0.00	28.68 0.44 0.00	28.90 0.30 0.00	26.50 0.24 0.00	26.24 0.33 0.00	26.23 0.40 0.00	26.42 0.42 0.00	29.10 0.56 0.00	34.16 0.93 0.00	43.45 1.78 0.00	45.57 2.00 0.00	39.50 1.66 0.00	41.63 1.82 0.00	33.24 1.43 0.00	32.23 1.20 0.00
JENNISON__2 23626	36.38 1.43 0.00	37.28 1.45 0.00	34.84 1.23 0.00	31.06 0.98 0.00	27.94 0.85 0.00	30.80 1.07 0.00	35.72 1.30 -0.47	37.16 1.34 0.00	31.49 1.07 0.00	32.34 0.81 0.00	28.68 0.44 0.00	28.90 0.30 0.00	26.50 0.24 0.00	26.24 0.33 0.00	26.23 0.40 0.00	26.42 0.42 0.00	29.10 0.56 0.00	34.16 0.93 0.00	43.45 1.78 0.00	45.57 2.00 0.00	39.50 1.66 0.00	41.63 1.82 0.00	33.24 1.43 0.00	32.23 1.20 0.00
JERICHO_RISE_WT_PWR 323719	35.11 0.15 0.00	35.99 0.17 0.00	33.83 0.22 0.00	30.29 0.21 0.00	27.29 0.20 0.00	29.99 0.26 0.00	34.31 0.36 0.00	36.16 0.34 0.00	30.66 0.23 0.00	31.74 0.21 0.00	28.32 0.07 0.00	28.67 0.07 0.00	26.31 0.05 0.00	25.90 -0.02 0.00	25.77 -0.06 0.00	26.00 -0.01 0.00	28.58 0.04 0.00	33.39 0.16 0.00	41.92 0.24 0.00	43.81 0.24 0.00	37.93 0.09 0.00	39.77 -0.04 0.00	31.52 -0.29 0.00	30.69 -0.34 0.00
KATONAH__115KV_46KV_TB4 355592	36.59 1.64 0.00	37.43 1.61 0.00	35.02 1.41 0.00	31.33 1.25 0.00	28.34 1.26 0.00	31.05 1.31 0.00	35.47 1.52 0.00	37.52 1.71 0.00	32.12 1.70 0.00	33.36 1.84 0.00	29.98 1.73 0.00	30.24 1.63 0.00	27.84 1.59 0.00	27.59 1.68 0.00	27.61 1.78 0.00	27.81 1.81 0.00	30.54 2.00 0.00	35.47 2.23 0.00	44.20 2.53 0.00	46.01 2.44 0.00	39.96 2.12 0.00	42.02 2.21 0.00	33.65 1.84 0.00	32.80 1.76 0.00
KCE_NY_1 323755	36.15 1.20 0.00	37.09 1.26 0.00	34.85 1.24 0.00	31.15 1.07 0.00	28.09 1.01 0.00	30.89 1.15 0.00	35.18 1.23 0.00	37.01 1.19 0.00	31.19 0.77 0.00	32.20 0.67 0.00	28.78 0.54 0.00	29.05 0.45 0.00	26.76 0.50 0.00	26.35 0.43 0.00	26.39 0.56 0.00	26.70 0.69 0.00	29.32 0.78 0.00	34.24 1.01 0.00	43.13 1.45 0.00	45.17 1.60 0.00	39.20 1.36 0.00	41.35 1.54 0.00	33.10 1.29 0.00	32.32 1.28 0.00
KCE_NY_6_ESR 323823	33.10 -1.85 0.00	33.48 -2.35 0.00	31.36 -2.25 0.00	28.34 -1.74 0.00	25.37 -1.72 0.00	27.74 -2.00 0.00	30.19 -2.64 1.12	33.27 -2.55 0.00	28.72 -1.71 0.00	29.89 -1.64 0.00	26.82 -1.43 0.00	27.64 -0.96 0.00	24.84 -1.42 0.00	24.73 -1.19 0.00	24.12 -1.72 0.00	23.69 -2.31 0.00	26.07 -2.46 0.00	30.46 -2.77 0.00	37.63 -4.04 0.00	39.41 -4.16 0.00	34.24 -3.60 0.00	35.97 -3.84 0.00	28.91 -2.90 0.00	28.56 -2.48 0.00
KEDC_PORT_JEFF_GT2 24210	37.04 2.09 0.00	38.10 2.27 0.00	35.66 2.05 0.00	31.94 1.86 0.00	32.76 1.90 -3.77	32.25 1.97 -0.55	36.15 1.91 -0.28	39.33 2.06 -1.46	33.74 2.32 -1.00	33.77 2.24 0.00	30.40 2.15 0.00	30.55 1.94 0.00	27.82 1.57 0.00	27.53 1.61 0.00	27.69 1.86 0.00	27.86 1.86 0.00	30.72 2.19 0.00	35.99 2.54 -0.22	47.88 2.68 -3.53	49.58 2.29 -3.73	42.32 1.89 -2.60	42.72 2.36 -0.56	35.29 2.41 -1.08	42.67 2.52 -9.11
KEDC_PORT_JEFF_GT3 24211	37.04 2.09 0.00	38.10 2.27 0.00	35.66 2.05 0.00	31.94 1.86 0.00	32.76 1.90 -3.77	32.25 1.97 -0.55	36.15 1.91 -0.28	39.33 2.06 -1.46	33.74 2.32 -1.00	33.77 2.24 0.00	30.40 2.15 0.00	30.55 1.94 0.00	27.82 1.57 0.00	27.53 1.61 0.00	27.69 1.86 0.00	27.86 1.86 0.00	30.72 2.19 0.00	35.99 2.54 -0.22	47.88 2.68 -3.53	49.58 2.29 -3.73	42.32 1.89 -2.60	42.72 2.36 -0.56	35.29 2.41 -1.08	42.67 2.52 -9.11
KEDC_GLWD_GT4 24219	36.98 2.03 0.00	37.87 2.04 0.00	35.43 1.82 0.00	31.70 1.61 0.00	32.48 1.63 -3.77	31.97 1.69 -0.55	35.88 1.81 -0.13	37.80 1.98 0.00	33.47 2.04 -1.00	33.72 2.19 0.00	30.33 2.08 0.00	30.57 1.97 0.00	28.07 1.82 0.00	27.83 1.92 0.00	27.90 2.07 0.00	28.07 2.06 0.00	30.84 2.31 0.00	35.85 2.62 0.00	44.53 2.85 0.00	46.23 2.66 0.00	40.13 2.29 0.00	42.28 2.47 0.00	34.22 2.22 -0.19	42.36 2.21 -9.11
KEDC_GLWD_GTS 24220	36.98 2.03 0.00	37.87 2.04 0.00	35.43 1.82 0.00	31.70 1.61 0.00	32.48 1.63 -3.77	31.97 1.69 -0.55	35.88 1.81 -0.13	37.80 1.98 0.00	33.47 2.04 -1.00	33.72 2.19 0.00	30.33 2.08 0.00	30.57 1.97 0.00	28.07 1.82 0.00	27.83 1.92 0.00	27.90 2.07 0.00	28.07 2.06 0.00	30.84 2.31 0.00	35.85 2.62 0.00	44.53 2.85 0.00	46.23 2.66 0.00	40.13 2.29 0.00	42.28 2.47 0.00	34.22 2.22 -0.19	42.36 2.21 -9.11
KENSICO____ 23655	36.57 1.62 0.00	37.40 1.57 0.00	34.98 1.37 0.00	31.29 1.21 0.00	28.32 1.23 0.00	31.00 1.27 0.00	35.56 1.48 -0.13	37.47 1.65 0.00	32.01 1.59 0.00	33.28 1.76 0.00	29.92 1.68 0.00	30.25 1.64 0.00	27.85 1.59 0.00	27.62 1.70 0.00	27.64 1.81 0.00	27.84 1.83 0.00	30.55 2.02 0.00	35.47 2.24 0.00	44.18 2.51 0.00	45.95 2.38 0.00	39.92 2.08 0.00	41.97 2.16 0.00	33.64 1.83 0.00	32.80 1.76 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.92 1.96 0.00	37.75 1.92 0.00	35.28 1.67 0.00	31.56 1.48 0.00	28.55 1.46 0.00	31.30 1.56 0.00	35.97 1.87 -0.14	37.90 2.08 0.00	32.36 1.94 0.00	33.45 1.92 0.00	29.91 1.66 0.00	30.20 1.60 0.00	27.73 1.47 0.00	27.27 1.35 0.00	27.28 1.45 0.00	27.44 1.44 0.00	30.14 1.61 0.00	35.14 1.91 0.00	44.05 2.37 0.00	46.03 2.46 0.00	40.01 2.17 0.00	42.32 2.51 0.00	33.86 2.05 0.00	32.98 1.94 0.00
KIAC_JFK_GT1 23816	36.56 1.61 0.00	37.37 1.55 0.00	34.93 1.32 0.00	31.28 1.20 0.00	28.36 1.27 0.00	31.00 1.26 0.00	35.59 1.51 -0.13	37.42 1.60 0.00	31.99 1.56 0.00	33.45 1.92 0.00	30.07 1.82 0.00	30.42 1.81 0.00	28.01 1.76 0.00	27.83 1.92 0.00	27.83 2.00 0.00	28.01 2.00 0.00	30.71 2.18 0.00	35.58 2.35 0.00	44.09 2.41 0.00	45.74 2.17 0.00	39.79 1.95 0.00	41.86 2.05 0.00	33.67 1.86 0.00	32.75 1.72 0.00
KIAC_JFK_GT2 23817	36.56 1.61 0.00	37.37 1.55 0.00	34.93 1.32 0.00	31.28 1.20 0.00	28.36 1.27 0.00	31.00 1.26 0.00	35.59 1.51 -0.13	37.42 1.60 0.00	31.99 1.56 0.00	33.45 1.92 0.00	30.07 1.82 0.00	30.42 1.81 0.00	28.01 1.76 0.00	27.83 1.92 0.00	27.83 2.00 0.00	28.01 2.00 0.00	30.71 2.18 0.00	35.58 2.35 0.00	44.09 2.41 0.00	45.74 2.17 0.00	39.79 1.95 0.00	41.86 2.05 0.00	33.67 1.86 0.00	32.75 1.72 0.00
KIAC_JFK____ 323774	36.56 1.61 0.00	37.37 1.55 0.00	34.93 1.32 0.00	31.28 1.20 0.00	28.36 1.27 0.00	31.00 1.27 0.00	35.59 1.51 -0.13	37.42 1.60 0.00	31.99 1.56 0.00	33.45 1.92 0.00	30.07 1.83 0.00	30.42 1.82 0.00	28.01 1.76 0.00	27.83 1.92 0.00	27.83 2.00 0.00	28.01 2.00 0.00	30.72 2.18 0.00	35.58 2.35 0.00	44.09 2.41 0.00	45.73 2.17 0.00	39.79 1.95 0.00	41.86 2.05 0.00	33.67 1.86 0.00	32.75 1.72 0.00
KINTIGH_24_KV_GSU 356498	32.97 -1.98 0.00	33.38 -2.45 0.00	31.31 -2.30 0.00	28.27 -1.80 0.00	25.41 -1.67 0.00	27.78 -1.95 0.00	30.57 -2.52 0.86	33.33 -2.49 0.00	28.68 -1.74 0.00	29.90 -1.63 0.00	26.80 -1.45 0.00	27.56 -1.05 0.00	24.82 -1.44 0.00	24.64 -1.28 0.00	24.12 -1.71 0.00	23.73 -2.28 0.00	26.14 -2.39 0.00	30.51 -2.72 0.00	37.74 -3.94 0.00	39.50 -4.07 0.00	34.33 -3.51 0.00	36.13 -3.68 0.00	29.08 -2.72 0.00	28.71 -2.33 0.00
KINTIGH____ 23543	32.97 -1.98 0.00	33.36 -2.47 0.00	31.29 -2.32 0.00	28.26 -1.82 0.00	25.40 -1.69 0.00	27.76 -1.97 0.00	30.55 -2.54 0.86	33.32 -2.50 0.00	28.67 -1.75 0.00	29.90 -1.63 0.00	26.78 -1.47 0.00	27.54 -1.07 0.00	24.81 -1.45 0.00	24.63 -1.29 0.00	24.10 -1.73 0.00	23.72 -2.29 0.00	26.13 -2.41 0.00	30.49 -2.74 0.00	37.72 -3.96 0.00	39.48 -4.09 0.00	34.31 -3.53 0.00	36.12 -3.69 0.00	29.07 -2.74 0.00	28.68 -2.35 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.42 0.47 0.00	36.32 0.49 0.00	34.17 0.56 0.00	30.59 0.51 0.00	27.56 0.47 0.00	30.32 0.59 0.00	34.67 0.72 0.00	36.47 0.66 0.00	30.86 0.44 0.00	31.91 0.38 0.00	28.46 0.21 0.00	28.77 0.17 0.00	26.44 0.19 0.00	26.03 0.11 0.00	25.93 0.10 0.00	26.16 0.15 0.00	28.74 0.20 0.00	33.59 0.36 0.00	42.19 0.51 0.00	44.22 0.65 0.00	38.37 0.53 0.00	40.26 0.45 0.00	31.93 0.12 0.00	31.07 0.03 0.00
LACHUTE__HYDRO 323717	37.06 2.11 0.00	37.83 2.00 0.00	35.81 2.20 0.00	32.03 1.95 0.00	28.99 1.91 0.00	32.07 2.33 0.00	36.49 2.54 0.00	38.06 2.24 0.00	31.71 1.29 0.00	32.50 0.98 0.00	28.94 0.70 0.00	28.98 0.38 0.00	26.77 0.51 0.00	26.24 0.32 0.00	26.52 0.69 0.00	26.92 0.92 0.00	29.68 1.14 0.00	34.75 1.52 0.00	43.82 2.14 0.00	45.86 2.29 0.00	40.05 2.21 0.00	42.63 2.82 0.00	34.22 2.41 0.00	33.49 2.45 0.00
LAWRNCV_115KV_TB1 80681	34.18 -0.77 0.00	34.95 -0.88 0.00	32.84 -0.77 0.00	29.43 -0.65 0.00	26.51 -0.58 0.00	29.17 -0.56 0.00	33.49 -0.46 0.00	35.15 -0.67 0.00	29.62 -0.80 0.00	30.62 -0.91 0.00	27.32 -0.93 0.00	27.68 -0.93 0.00	25.37 -0.88 0.00	24.99 -0.92 0.00	24.84 -0.99 0.00	25.04 -0.97 0.00	27.52 -1.02 0.00	32.22 -1.02 0.00	40.56 -1.12 0.00	42.68 -0.89 0.00	37.19 -0.65 0.00	38.99 -0.82 0.00	31.00 -0.81 0.00	30.18 -0.86 0.00
LEDERLE____ 23769	36.64 1.69 0.00	37.45 1.62 0.00	35.01 1.40 0.00	31.32 1.24 0.00	28.32 1.23 0.00	31.02 1.28 0.00	35.61 1.52 -0.13	37.50 1.68 0.00	32.02 1.60 0.00	33.31 1.78 0.00	29.93 1.68 0.00	30.27 1.67 0.00	27.86 1.61 0.00	27.62 1.71 0.00	27.65 1.82 0.00	27.86 1.85 0.00	30.60 2.06 0.00	35.54 2.31 0.00	44.32 2.64 0.00	46.15 2.58 0.00	40.07 2.23 0.00	42.09 2.28 0.00	33.71 1.90 0.00	32.86 1.83 0.00
LIGHTHSE_115KV_TB6 355974	33.30 -1.65 0.00	33.88 -1.94 0.00	31.94 -1.67 0.00	28.49 -1.59 0.00	25.83 -1.26 0.00	28.49 -1.25 0.00	32.76 -1.19 0.00	34.08 -1.74 0.00	28.37 -2.06 0.00	29.37 -2.16 0.00	26.34 -1.91 0.00	26.54 -2.06 0.00	24.36 -1.89 0.00	24.03 -1.88 0.00	23.82 -2.01 0.00	23.95 -2.06 0.00	26.05 -2.49 0.00	30.40 -2.83 0.00	38.80 -2.88 0.00	41.45 -2.12 0.00	36.45 -1.39 0.00	38.18 -1.63 0.00	30.39 -1.42 0.00	29.35 -1.69 0.00
LINDEN COGEN____ 23786	36.62 1.67 0.00	37.42 1.59 0.00	34.99 1.38 0.00	31.31 1.23 0.00	28.34 1.25 0.00	31.01 1.27 0.00	35.62 1.54 -0.13	37.52 1.70 0.00	32.08 1.66 0.00	33.41 1.89 0.00	30.06 1.81 0.00	30.39 1.79 0.00	27.97 1.72 0.00	27.79 1.87 0.00	27.80 1.97 0.00	27.99 1.98 0.00	30.71 2.17 0.00	35.63 2.40 0.00	44.32 2.65 0.00	46.06 2.49 0.00	40.01 2.18 0.00	42.05 2.25 0.00	33.71 1.90 0.00	32.86 1.82 0.00
LINDHRST_69_KV_BK1 356055	37.36 2.41 0.00	38.32 2.49 0.00	35.86 2.25 0.00	32.09 2.01 0.00	32.87 2.01 -3.77	32.38 2.10 -0.55	36.26 2.14 -0.17	38.52 2.33 -0.37	33.91 2.49 -1.00	34.02 2.49 0.00	30.59 2.34 0.00	30.70 2.10 0.00	28.06 1.80 0.00	27.79 1.88 0.00	27.92 2.09 0.00	28.08 2.07 0.00	30.93 2.39 0.00	36.11 2.82 -0.06	45.63 3.06 -0.90	47.42 2.90 -0.95	40.95 2.44 -0.66	42.72 2.77 -0.14	34.84 2.62 -0.42	42.82 2.67 -9.11
LIPA_MISC_IPP 23656	36.97 2.01 0.00	38.08 2.25 0.00	35.67 2.05 0.00	31.96 1.88 0.00	32.81 1.95 -3.77	32.33 2.05 -0.55	36.27 2.00 -0.32	39.78 2.14 -1.82	33.76 2.34 -1.00	33.70 2.18 0.00	30.38 2.13 0.00	30.48 1.87 0.00	27.75 1.50 0.00	27.43 1.52 0.00	27.63 1.80 0.00	27.83 1.82 0.00	30.70 2.16 0.00	36.04 2.53 -0.27	48.68 2.62 -4.38	50.32 2.12 -4.63	42.76 1.69 -3.23	42.76 2.25 -0.69	35.50 2.40 -1.30	42.68 2.53 -9.11
LISF__SOLAR 323691	37.02 2.07 0.00	38.15 2.32 0.00	35.73 2.12 0.00	32.02 1.94 0.00	32.86 2.00 -3.77	32.40 2.11 -0.55	36.35 2.08 -0.32	39.81 2.22 -1.77	33.82 2.40 -1.00	33.74 2.21 0.00	30.40 2.16 0.00	30.48 1.88 0.00	27.74 1.49 0.00	27.42 1.50 0.00	27.62 1.79 0.00	27.84 1.83 0.00	30.71 2.18 0.00	36.07 2.57 -0.26	48.60 2.69 -4.24	50.23 2.18 -4.48	42.72 1.76 -3.12	42.81 2.33 -0.67	35.52 2.45 -1.26	42.74 2.58 -9.11

LITTLE FALLS___HYD 24013	35.78 0.83 0.00	36.87 1.05 0.00	34.59 0.98 0.00	30.88 0.80 0.00	27.79 0.70 0.00	30.64 0.90 0.00	34.90 0.95 0.00	36.38 0.56 0.00	30.04 -0.38 0.00	30.66 -0.87 0.00	27.34 -0.91 0.00	27.52 -1.08 0.00	25.24 -1.01 0.00	24.90 -1.02 0.00	24.92 -0.91 0.00	25.20 -0.80 0.00	27.72 -0.82 0.00	32.53 -0.70 0.00	41.78 0.10 0.00	44.51 0.93 0.00	38.58 0.75 0.00	40.55 0.74 0.00	32.50 0.70 0.00	31.60 0.56 0.00
LITTLRIV_115KV_TB1 356100	34.57 -0.39 0.00	35.33 -0.50 0.00	33.19 -0.42 0.00	29.76 -0.32 0.00	26.81 -0.27 0.00	29.52 -0.22 0.00	33.90 -0.06 0.00	35.43 -0.39 0.00	29.73 -0.70 0.00	30.69 -0.83 0.00	27.37 -0.88 0.00	27.74 -0.86 0.00	25.43 -0.83 0.00	25.05 -0.87 0.00	24.89 -0.95 0.00	25.09 -0.92 0.00	27.59 -0.95 0.00	32.31 -0.92 0.00	40.70 -0.97 0.00	43.08 -0.49 0.00	37.68 -0.16 0.00	39.49 -0.32 0.00	31.39 -0.42 0.00	30.55 -0.49 0.00
LI_NEWBRDGE___DRP 323616	36.79 1.84 0.00	37.75 1.92 0.00	35.34 1.72 0.00	31.62 1.54 0.00	32.44 1.58 -3.77	31.89 1.61 -0.55	35.66 1.58 -0.13	37.53 1.71 0.00	33.37 1.95 -1.00	33.56 2.04 0.00	30.19 1.94 0.00	30.37 1.77 0.00	27.81 1.56 0.00	27.55 1.64 0.00	27.66 1.83 0.00	27.80 1.79 0.00	30.57 2.03 0.00	35.55 2.32 0.00	44.10 2.42 0.00	45.72 2.15 0.00	39.65 1.81 0.00	41.90 2.09 0.00	34.06 2.06 -0.19	42.29 2.14 -9.11
LOCKPORT_115KV_TB60_63_64 80432	32.64 -2.31 0.00	32.97 -2.86 0.00	30.93 -2.68 0.00	27.98 -2.10 0.00	25.12 -1.97 0.00	27.42 -2.31 0.00	30.03 -2.98 0.94	32.86 -2.96 0.00	28.35 -2.08 0.00	29.52 -2.01 0.00	26.40 -1.85 0.00	27.21 -1.39 0.00	24.45 -1.81 0.00	24.30 -1.61 0.00	23.71 -2.12 0.00	23.22 -2.79 0.00	25.54 -3.00 0.00	29.76 -3.47 0.00	36.78 -4.90 0.00	38.61 -4.96 0.00	33.59 -4.25 0.00	35.37 -4.44 0.00	28.58 -3.23 0.00	28.35 -2.68 0.00
LOCKPORT___CC1 323769	32.61 -2.34 0.00	32.96 -2.87 0.00	30.92 -2.69 0.00	27.97 -2.11 0.00	25.11 -1.98 0.00	27.40 -2.33 0.00	29.98 -3.01 0.96	32.83 -2.99 0.00	28.33 -2.09 0.00	29.49 -2.04 0.00	26.40 -1.85 0.00	27.21 -1.39 0.00	24.45 -1.81 0.00	24.31 -1.61 0.00	23.72 -2.12 0.00	23.23 -2.78 0.00	25.56 -2.98 0.00	29.80 -3.43 0.00	36.79 -4.88 0.00	38.61 -4.96 0.00	33.57 -4.27 0.00	35.36 -4.45 0.00	28.55 -3.26 0.00	28.32 -2.72 0.00
LOCKPORT___CC2 323770	32.61 -2.34 0.00	32.96 -2.87 0.00	30.92 -2.69 0.00	27.97 -2.11 0.00	25.11 -1.98 0.00	27.40 -2.33 0.00	29.98 -3.01 0.96	32.83 -2.99 0.00	28.33 -2.09 0.00	29.49 -2.04 0.00	26.40 -1.85 0.00	27.21 -1.39 0.00	24.45 -1.81 0.00	24.31 -1.61 0.00	23.72 -2.12 0.00	23.23 -2.78 0.00	25.56 -2.98 0.00	29.80 -3.43 0.00	36.79 -4.88 0.00	38.61 -4.96 0.00	33.57 -4.27 0.00	35.36 -4.45 0.00	28.55 -3.26 0.00	28.32 -2.72 0.00
LOCKPORT___CC3 323771	32.61 -2.34 0.00	32.96 -2.87 0.00	30.92 -2.69 0.00	27.97 -2.11 0.00	25.11 -1.98 0.00	27.40 -2.33 0.00	29.98 -3.01 0.96	32.83 -2.99 0.00	28.33 -2.09 0.00	29.49 -2.04 0.00	26.40 -1.85 0.00	27.21 -1.39 0.00	24.45 -1.81 0.00	24.31 -1.61 0.00	23.72 -2.12 0.00	23.23 -2.78 0.00	25.56 -2.98 0.00	29.80 -3.43 0.00	36.79 -4.88 0.00	38.61 -4.96 0.00	33.57 -4.27 0.00	35.36 -4.45 0.00	28.55 -3.26 0.00	28.32 -2.72 0.00
LOCUSVLY_69_KV_BK2 55797	37.06 2.11 0.00	37.99 2.16 0.00	35.53 1.92 0.00	31.80 1.72 0.00	32.59 1.73 -3.77	32.06 1.78 -0.55	35.88 1.84 -0.08	37.45 2.03 0.40	33.59 2.16 -1.00	33.80 2.27 0.00	30.42 2.17 0.00	30.62 2.02 0.00	28.08 1.83 0.00	27.84 1.93 0.00	27.94 2.11 0.00	28.09 2.08 0.00	30.87 2.34 0.00	35.81 2.64 0.06	43.58 2.86 0.96	45.21 2.65 1.02	39.38 2.25 0.71	42.14 2.48 0.15	34.06 2.30 0.05	42.46 2.31 -9.11
LONG_LAKE_PHOENIX 24014	33.71 -1.24 0.00	34.53 -1.30 0.00	32.37 -1.24 0.00	28.98 -1.10 0.00	26.13 -0.96 0.00	28.70 -1.04 0.00	32.77 -1.18 0.00	34.61 -1.21 0.00	29.41 -1.01 0.00	30.43 -1.09 0.00	27.26 -0.99 0.00	27.59 -1.01 0.00	25.29 -0.97 0.00	24.97 -0.94 0.00	24.87 -0.96 0.00	25.00 -1.01 0.00	27.41 -1.13 0.00	31.91 -1.32 0.00	40.10 -1.58 0.00	41.99 -1.58 0.00	36.51 -1.33 0.00	38.40 -1.41 0.00	30.69 -1.12 0.00	29.93 -1.11 0.00
LOVETT___3 23632	36.43 1.48 0.00	37.26 1.43 0.00	34.84 1.23 0.00	31.16 1.08 0.00	28.18 1.09 0.00	30.86 1.12 0.00	35.41 1.33 -0.13	37.28 1.46 0.00	31.83 1.41 0.00	33.12 1.59 0.00	29.76 1.51 0.00	30.09 1.49 0.00	27.71 1.45 0.00	27.47 1.55 0.00	27.49 1.67 0.00	27.70 1.70 0.00	30.40 1.86 0.00	35.30 2.06 0.00	44.00 2.32 0.00	45.81 2.24 0.00	39.77 1.94 0.00	41.81 2.00 0.00	33.50 1.69 0.00	32.67 1.63 0.00
LOVETT___4 23642	36.43 1.48 0.00	37.26 1.43 0.00	34.84 1.23 0.00	31.16 1.08 0.00	28.18 1.09 0.00	30.86 1.12 0.00	35.41 1.33 -0.13	37.28 1.46 0.00	31.83 1.41 0.00	33.12 1.59 0.00	29.76 1.51 0.00	30.09 1.49 0.00	27.71 1.45 0.00	27.47 1.55 0.00	27.49 1.67 0.00	27.70 1.70 0.00	30.40 1.86 0.00	35.30 2.06 0.00	44.00 2.32 0.00	45.81 2.24 0.00	39.77 1.94 0.00	41.81 2.00 0.00	33.50 1.69 0.00	32.67 1.63 0.00
LOVETT___5 23593	36.43 1.48 0.00	37.26 1.43 0.00	34.84 1.23 0.00	31.16 1.08 0.00	28.18 1.09 0.00	30.86 1.12 0.00	35.41 1.33 -0.13	37.28 1.46 0.00	31.83 1.41 0.00	33.12 1.59 0.00	29.76 1.51 0.00	30.09 1.49 0.00	27.71 1.45 0.00	27.47 1.55 0.00	27.49 1.67 0.00	27.70 1.70 0.00	30.40 1.86 0.00	35.30 2.06 0.00	44.00 2.32 0.00	45.81 2.24 0.00	39.77 1.94 0.00	41.81 2.00 0.00	33.50 1.69 0.00	32.67 1.63 0.00
LOWER RAQUET___HYD 24057	33.93 -1.02 0.00	34.69 -1.13 0.00	32.61 -1.00 0.00	29.21 -0.87 0.00	26.32 -0.76 0.00	28.97 -0.77 0.00	33.28 -0.67 0.00	34.91 -0.91 0.00	29.37 -1.05 0.00	30.36 -1.16 0.00	27.08 -1.17 0.00	27.42 -1.18 0.00	25.14 -1.11 0.00	24.76 -1.15 0.00	24.61 -1.22 0.00	24.82 -1.19 0.00	27.27 -1.26 0.00	31.93 -1.30 0.00	40.23 -1.44 0.00	42.40 -1.17 0.00	36.96 -0.88 0.00	38.74 -1.07 0.00	30.78 -1.03 0.00	29.95 -1.09 0.00
LOWER___HUDSON 24059	35.98 1.03 0.00	36.95 1.12 0.00	34.74 1.13 0.00	31.03 0.95 0.00	27.92 0.83 0.00	30.67 0.94 0.00	34.90 0.95 0.00	36.78 0.96 0.00	31.14 0.72 0.00	32.29 0.77 0.00	28.91 0.66 0.00	29.19 0.59 0.00	26.91 0.65 0.00	26.49 0.58 0.00	26.56 0.73 0.00	26.86 0.86 0.00	29.43 0.89 0.00	34.20 0.97 0.00	42.91 1.24 0.00	44.82 1.25 0.00	38.93 1.09 0.00	41.06 1.25 0.00	32.90 1.09 0.00	32.13 1.09 0.00
LOWVILLE_115KV_TB2 356335	34.04 -0.90 0.00	34.76 -1.06 0.00	32.73 -0.88 0.00	29.16 -0.92 0.00	26.38 -0.71 0.00	29.14 -0.59 0.00	33.69 -0.26 0.00	35.18 -0.64 0.00	29.30 -1.12 0.00	30.23 -1.30 0.00	26.95 -1.30 0.00	27.17 -1.44 0.00	24.94 -1.32 0.00	24.57 -1.34 0.00	24.48 -1.36 0.00	24.64 -1.37 0.00	26.93 -1.61 0.00	31.53 -1.70 0.00	40.20 -1.48 0.00	42.87 -0.70 0.00	37.52 -0.32 0.00	39.20 -0.61 0.00	31.03 -0.77 0.00	30.01 -1.03 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	36.11 1.16 0.00	37.07 1.24 0.00	34.82 1.22 0.00	31.13 1.05 0.00	28.04 0.96 0.00	30.84 1.11 0.00	35.13 1.18 0.00	36.96 1.14 0.00	31.15 0.73 0.00	32.17 0.64 0.00	28.76 0.51 0.00	29.03 0.43 0.00	26.73 0.48 0.00	26.33 0.42 0.00	26.38 0.55 0.00	26.67 0.67 0.00	29.30 0.76 0.00	34.20 0.97 0.00	43.07 1.39 0.00	45.10 1.53 0.00	39.17 1.33 0.00	41.31 1.50 0.00	33.06 1.25 0.00	32.28 1.24 0.00
LUTHERNY_35_KV_BK2 355980	36.15 1.20 0.00	37.09 1.26 0.00	34.85 1.24 0.00	31.15 1.07 0.00	28.09 1.01 0.00	30.89 1.15 0.00	35.18 1.23 0.00	37.01 1.19 0.00	31.19 0.76 0.00	32.20 0.67 0.00	28.78 0.53 0.00	29.05 0.45 0.00	26.76 0.50 0.00	26.35 0.44 0.00	26.39 0.56 0.00	26.70 0.69 0.00	29.31 0.78 0.00	34.24 1.01 0.00	43.13 1.45 0.00	45.17 1.60 0.00	39.20 1.36 0.00	41.35 1.54 0.00	33.10 1.29 0.00	32.31 1.28 0.00
LWR__OSWEGATCHIE_HYD 23850	33.58 -1.37 0.00	34.29 -1.53 0.00	32.28 -1.33 0.00	28.83 -1.25 0.00	26.05 -1.04 0.00	28.72 -1.01 0.00	33.11 -0.84 0.00	34.62 -1.20 0.00	28.94 -1.48 0.00	29.89 -1.64 0.00	26.65 -1.60 0.00	26.93 -1.68 0.00	24.71 -1.55 0.00	24.34 -1.58 0.00	24.21 -1.62 0.00	24.40 -1.61 0.00	26.72 -1.82 0.00	31.29 -1.94 0.00	39.69 -1.99 0.00	42.11 -1.46 0.00	36.82 -1.02 0.00	38.48 -1.33 0.00	30.52 -1.29 0.00	29.58 -1.46 0.00
LYONS_FALL_HYD 23570	34.61 -0.34 0.00	35.37 -0.46 0.00	33.25 -0.36 0.00	29.67 -0.41 0.00	26.81 -0.28 0.00	29.58 -0.15 0.00	34.09 0.14 0.00	35.69 -0.13 0.00	29.87 -0.56 0.00	30.77 -0.75 0.00	27.40 -0.85 0.00	27.63 -0.97 0.00	25.36 -0.90 0.00	25.00 -0.91 0.00	24.92 -0.91 0.00	25.09 -0.92 0.00	27.48 -1.06 0.00	32.20 -1.03 0.00	41.01 -0.67 0.00	43.50 -0.07 0.00	37.99 0.15 0.00	39.77 -0.04 0.00	31.56 -0.25 0.00	30.59 -0.45 0.00
MADISON__COUNTY_LFGE 323628	35.51 0.55 0.00	36.35 0.52 0.00	34.08 0.47 0.00	30.50 0.42 0.00	27.50 0.41 0.00	30.26 0.52 0.00	34.65 0.70 0.00	36.47 0.65 0.00	30.77 0.35 0.00	31.71 0.18 0.00	28.20 -0.05 0.00	28.48 -0.12 0.00	26.12 -0.14 0.00	25.78 -0.14 0.00	25.70 -0.12 0.00	25.88 -0.13 0.00	28.42 -0.12 0.00	33.26 0.02 0.00	42.21 0.53 0.00	44.41 0.84 0.00	38.66 0.82 0.00	40.63 0.83 0.00	32.37 0.57 0.00	31.50 0.46 0.00
MALONE__115KV_TB1 356076	35.00 0.05 0.00	35.86 0.03 0.00	33.73 0.12 0.00	30.19 0.11 0.00	27.21 0.12 0.00	29.95 0.22 0.00	34.34 0.39 0.00	36.15 0.33 0.00	30.52 0.09 0.00	31.56 0.03 0.00	28.13 -0.12 0.00	28.48 -0.13 0.00	26.12 -0.14 0.00	25.70 -0.21 0.00	25.56 -0.27 0.00	25.78 -0.23 0.00	28.33 0.00 0.00	33.15 -0.09 0.00	41.72 0.05 0.00	43.75 0.18 0.00	37.98 0.14 0.00	39.80 -0.01 0.00	31.54 -0.27 0.00	30.68 -0.35 0.00
MAPLEWOD_115KV_TB3 80458	35.97 1.02 0.00	36.95 1.12 0.00	34.70 1.09 0.00	31.00 0.92 0.00	27.90 0.81 0.00	30.63 0.90 0.00	34.91 0.96 0.00	36.79 0.96 0.00	31.17 0.75 0.00	32.31 0.79 0.00	28.96 0.71 0.00	29.26 0.66 0.00	26.96 0.71 0.00	26.58 0.66 0.00	26.61 0.78 0.00	26.87 0.87 0.00	29.42 0.88 0.00	34.19 0.96 0.00	42.88 1.20 0.00	44.77 1.20 0.00	38.90 1.06 0.00	40.99 1.18 0.00	32.85 1.05 0.00	32.05 1.01 0.00
MAPLE_RIDGE_WT_1 323574	34.74 -0.21 0.00	35.57 -0.26 0.00	33.38 -0.23 0.00	29.88 -0.20 0.00	26.88 -0.21 0.00	29.52 -0.22 0.00	33.77 -0.18 0.00	35.66 -0.16 0.00	30.32 -0.10 0.00	31.48 -0.05 0.00	28.21 -0.04 0.00	28.55 -0.05 0.00	26.20 -0.05 0.00	25.86 -0.05 0.00	25.77 -0.07 0.00	25.95 -0.06 0.00	28.45 -0.09 0.00	33.13 -0.10 0.00	41.51 -0.16 0.00	43.44 -0.13 0.00	37.70 -0.14 0.00	39.56 -0.25 0.00	31.50 -0.30 0.00	30.72 -0.32 0.00
MAPLE_RIDGE_WT_2 323611	34.74 -0.21 0.00	35.57 -0.26 0.00	33.38 -0.23 0.00	29.88 -0.20 0.00	26.88 -0.21 0.00	29.52 -0.22 0.00	33.77 -0.18 0.00	35.66 -0.16 0.00	30.32 -0.10 0.00	31.48 -0.05 0.00	28.21 -0.04 0.00	28.55 -0.05 0.00	26.20 -0.05 0.00	25.86 -0.05 0.00	25.77 -0.07 0.00	25.95 -0.06 0.00	28.45 -0.09 0.00	33.13 -0.10 0.00	41.51 -0.16 0.00	43.44 -0.13 0.00	37.70 -0.14 0.00	39.56 -0.25 0.00	31.50 -0.30 0.00	30.72 -0.32 0.00
MARBLE_RIVER_WT_PWR 323696	35.11 0.16 0.00	35.99 0.17 0.00	33.83 0.22 0.00	30.29 0.21 0.00	27.29 0.20 0.00	30.00 0.26 0.00	34.30 0.35 0.00	36.14 0.32 0.00	30.65 0.23 0.00	31.74 0.21 0.00	28.31 0.07 0.00	28.66 0.06 0.00	26.31 0.05 0.00	25.90 -0.02 0.00	25.78 -0.06 0.00	26.00 0.00 0.00	28.58 0.04 0.00	33.39 0.16 0.00	41.92 0.24 0.00	43.81 0.24 0.00	37.95 0.11 0.00	39.80 -0.01 0.00	31.55 -0.26 0.00	30.73 -0.30 0.00
MARSHVLE_115KV_TB1 80742	36.18 1.22 0.00	37.07 1.24 0.00	34.74 1.12 0.00	31.10 1.02 0.00	28.05 0.97 0.00	30.81 1.08 0.00	35.47 1.38 -0.14	37.07 1.25 0.00	31.15 0.73 0.00	32.16 0.63 0.00	28.81 0.56 0.00	29.20 0.59 0.00	26.77 0.51 0.00	26.40 0.49 0.00	26.27 0.44 0.00	26.41 0.40 0.00	29.10 0.56 0.00	33.78 0.55 0.00	42.72 1.05 0.00	45.18 1.61 0.00	39.53 1.69 0.00	41.47 1.66 0.00	33.04 1.23 0.00	32.12 1.09 0.00
MARSH_HILL_WT_PWR 323713	34.16 -0.79 0.00	34.67 -1.16 0.00	32.31 -1.30 0.00	29.04 -1.04 0.00	25.89 -1.20 0.00	28.29 -1.45 0.00	30.16 -2.04 1.75	33.95 -1.87 0.00	29.30 -1.12 0.00	30.12 -1.41 0.00	27.27 -0.98 0.00	28.06 -0.54 0.00	25.32 -0.94 0.00	25.15 -0.76 0.00	24.89 -0.94 0.00	24.79 -1.22 0.00	27.18 -1.35 0.00	31.69 -1.55 0.00	39.71 -1.96 0.00	41.76 -1.81 0.00	35.98 -1.86 0.00	37.59 -2.22 0.00	29.85 -1.96 0.00	28.95 -2.08 0.00
MCINTYRE_115KV_TB2 80467	35.20 0.25 0.00	35.95 0.12 0.00	33.77 0.15 0.00	30.30 0.22 0.00	27.30 0.21 0.00	30.04 0.31 0.00	34.49 0.54 0.00	35.97 0.15 0.00	30.13 -0.29 0.00	31.11 -0.42 0.00	27.75 -0.50 0.00	28.13 -0.47 0.00	25.78 -0.47 0.00	25.40 -0.52 0.00	25.23 -0.60 0.00	25.43 -0.58 0.00	27.98 -0.56 0.00	32.77 -0.46 0.00	41.26 -0.42 0.00	43.76 0.19 0.00	38.36 0.53 0.00	40.23 0.42 0.00	31.98 0.17 0.00	31.14 0.10 0.00
MECO____69_KV_BK1 80468	36.59 1.64 0.00	37.50 1.68 0.00	35.16 1.55 0.00	31.47 1.39 0.00	28.38 1.29 0.00	31.21 1.48 0.00	35.75 1.80 0.00	37.27 1.45 0.00	30.94 0.52 0.00	31.74 0.22 0.00	28.38 0.14 0.00	28.73 0.12 0.00	26.37 0.12 0.00	26.01 0.10 0.00	25.93 0.10 0.00	26.13 0.12 0.00	28.81 0.28 0.00	33.60 0.37 0.00	42.85 1.17 0.00	45.78 2.21 0.00	40.08 2.24 0.00	42.10 2.29 0.00	33.55 1.74 0.00	32.62 1.58 0.00
MENANDS__115KV_TB5 355628	35.87 0.92 0.00	36.85 1.03 0.00	34.62 1.00 0.00	30.93 0.85 0.00	27.84 0.75 0.00	30.55 0.82 0.00	34.80 0.85 0.00	36.69 0.87 0.00	31.11 0.69 0.00	32.28 0.75 0.00	28.93 0.68 0.00	29.24 0.64 0.00	26.96 0.70 0.00	26.56 0.65 0.00	26.61 0.78 0.00	26.87 0.86 0.00	29.39 0.85 0.00	34.13 0.90 0.00	42.75 1.08 0.00	44.57 1.00 0.00	38.73 0.90 0.00	40.81 1.00 0.00	32.73 0.92 0.00	31.93 0.89 0.00

MG INDUSTRY___DRP 24185	35.89 0.93 0.00	36.90 1.08 0.00	34.65 1.04 0.00	30.98 0.90 0.00	27.88 0.79 0.00	30.59 0.85 0.00	34.85 0.90 0.00	36.66 0.84 0.00	30.99 0.57 0.00	32.12 0.60 0.00	28.80 0.55 0.00	29.10 0.50 0.00	26.78 0.52 0.00	26.40 0.49 0.00	26.41 0.57 0.00	26.66 0.65 0.00	29.21 0.68 0.00	33.98 0.75 0.00	42.71 1.04 0.00	44.62 1.05 0.00	38.76 0.92 0.00	40.83 1.02 0.00	32.73 0.92 0.00	31.94 0.90 0.00
MID___OSWEGATCHIE_HYD 23849	33.58 -1.37 0.00	34.29 -1.53 0.00	32.28 -1.33 0.00	28.83 -1.25 0.00	26.05 -1.04 0.00	28.72 -1.01 0.00	33.11 -0.84 0.00	34.62 -1.20 0.00	28.94 -1.48 0.00	29.89 -1.64 0.00	26.65 -1.60 0.00	26.93 -1.68 0.00	24.71 -1.55 0.00	24.34 -1.58 0.00	24.21 -1.62 0.00	24.40 -1.61 0.00	26.72 -1.82 0.00	31.29 -1.94 0.00	39.69 -1.99 0.00	42.11 -1.46 0.00	36.82 -1.02 0.00	38.48 -1.33 0.00	30.52 -1.29 0.00	29.58 -1.46 0.00
MID___RAQUETTE_HYD 23851	33.93 -1.03 0.00	34.69 -1.13 0.00	32.61 -1.00 0.00	29.21 -0.87 0.00	26.33 -0.76 0.00	28.97 -0.77 0.00	33.28 -0.67 0.00	34.91 -0.91 0.00	29.37 -1.05 0.00	30.36 -1.17 0.00	27.08 -1.17 0.00	27.42 -1.18 0.00	25.14 -1.11 0.00	24.76 -1.16 0.00	24.61 -1.22 0.00	24.82 -1.19 0.00	27.27 -1.27 0.00	31.93 -1.31 0.00	40.23 -1.44 0.00	42.40 -1.17 0.00	36.96 -0.88 0.00	38.73 -1.08 0.00	30.78 -1.03 0.00	29.95 -1.09 0.00
MILLIKEN___1 23584	35.19 0.24 0.00	36.01 0.18 0.00	33.72 0.11 0.00	30.20 0.12 0.00	27.20 0.11 0.00	29.92 0.19 0.00	33.81 0.23 0.38	36.09 0.27 0.00	30.61 0.19 0.00	31.57 0.04 0.00	28.11 -0.13 0.00	28.37 -0.23 0.00	25.91 -0.34 0.00	25.61 -0.30 0.00	25.51 -0.32 0.00	25.64 -0.36 0.00	28.15 -0.39 0.00	32.94 -0.29 0.00	41.74 0.07 0.00	43.96 0.39 0.00	38.19 0.35 0.00	40.15 0.34 0.00	32.04 0.24 0.00	31.20 0.16 0.00
MILLIKEN___2 23585	35.19 0.24 0.00	36.01 0.18 0.00	33.72 0.11 0.00	30.20 0.12 0.00	27.20 0.11 0.00	29.92 0.19 0.00	33.81 0.23 0.38	36.09 0.27 0.00	30.61 0.19 0.00	31.57 0.04 0.00	28.11 -0.13 0.00	28.37 -0.23 0.00	25.91 -0.34 0.00	25.61 -0.30 0.00	25.51 -0.32 0.00	25.64 -0.36 0.00	28.15 -0.39 0.00	32.94 -0.29 0.00	41.74 0.07 0.00	43.96 0.39 0.00	38.19 0.35 0.00	40.15 0.34 0.00	32.04 0.24 0.00	31.20 0.16 0.00
MILLIKEN___DIESEL 23629	35.19 0.24 0.00	36.01 0.18 0.00	33.72 0.11 0.00	30.20 0.12 0.00	27.20 0.11 0.00	29.92 0.19 0.00	33.81 0.23 0.38	36.09 0.27 0.00	30.61 0.19 0.00	31.57 0.04 0.00	28.11 -0.13 0.00	28.37 -0.23 0.00	25.91 -0.34 0.00	25.61 -0.30 0.00	25.51 -0.32 0.00	25.64 -0.36 0.00	28.15 -0.39 0.00	32.94 -0.29 0.00	41.74 0.07 0.00	43.96 0.39 0.00	38.19 0.35 0.00	40.15 0.34 0.00	32.04 0.24 0.00	31.20 0.16 0.00
MILLSEAT___LFGE 323607	33.44 -1.52 0.00	33.84 -1.99 0.00	31.74 -1.87 0.00	28.68 -1.41 0.00	25.78 -1.31 0.00	28.21 -1.52 0.00	31.11 -1.97 0.87	33.96 -1.86 0.00	29.18 -1.24 0.00	30.17 -1.35 0.00	26.94 -1.31 0.00	27.72 -0.88 0.00	25.03 -1.23 0.00	24.79 -1.13 0.00	24.26 -1.57 0.00	23.89 -2.12 0.00	26.29 -2.25 0.00	30.42 -2.81 0.00	37.87 -3.81 0.00	39.96 -3.60 0.00	34.85 -2.99 0.00	36.67 -3.14 0.00	29.53 -2.28 0.00	29.18 -1.86 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.51 1.56 0.00	37.34 1.52 0.00	34.93 1.32 0.00	31.25 1.17 0.00	28.27 1.18 0.00	30.96 1.22 0.00	35.50 1.42 -0.13	37.40 1.58 0.00	31.93 1.51 0.00	33.21 1.69 0.00	29.86 1.61 0.00	30.17 1.57 0.00	27.79 1.53 0.00	27.54 1.63 0.00	27.57 1.74 0.00	27.78 1.77 0.00	30.48 1.94 0.00	35.39 2.16 0.00	44.10 2.43 0.00	45.88 2.31 0.00	39.85 2.01 0.00	41.90 2.09 0.00	33.58 1.77 0.00	32.75 1.71 0.00
MILLWOOD_13_KV_LOAD 356217	36.57 1.62 0.00	37.41 1.58 0.00	34.98 1.37 0.00	31.29 1.21 0.00	28.31 1.22 0.00	30.99 1.26 0.00	35.56 1.48 -0.13	37.47 1.65 0.00	31.99 1.57 0.00	33.27 1.75 0.00	29.89 1.64 0.00	30.22 1.62 0.00	27.82 1.56 0.00	27.57 1.66 0.00	27.60 1.77 0.00	27.80 1.80 0.00	30.51 1.98 0.00	35.44 2.21 0.00	44.17 2.49 0.00	45.96 2.39 0.00	39.93 2.09 0.00	41.97 2.17 0.00	33.64 1.83 0.00	32.79 1.75 0.00
MODEL_CITY_ENERGY 24167	32.27 -2.68 0.00	32.61 -3.22 0.00	30.61 -3.00 0.00	27.69 -2.39 0.00	24.87 -2.22 0.00	27.13 -2.60 0.00	29.64 -3.34 0.97	32.48 -3.34 0.00	28.03 -2.39 0.00	29.19 -2.34 0.00	26.13 -2.12 0.00	26.94 -1.67 0.00	24.19 -2.06 0.00	24.06 -1.85 0.00	23.46 -2.37 0.00	22.94 -3.07 0.00	25.23 -3.31 0.00	29.41 -3.82 0.00	36.27 -5.41 0.00	38.06 -5.51 0.00	33.10 -4.74 0.00	34.86 -4.94 0.00	28.22 -3.59 0.00	28.05 -2.98 0.00
MODERN_LFGE___ 323580	32.27 -2.68 0.00	32.61 -3.22 0.00	30.61 -3.00 0.00	27.69 -2.39 0.00	24.87 -2.22 0.00	27.13 -2.60 0.00	29.64 -3.34 0.97	32.48 -3.34 0.00	28.03 -2.39 0.00	29.19 -2.34 0.00	26.13 -2.12 0.00	26.94 -1.67 0.00	24.19 -2.06 0.00	24.06 -1.85 0.00	23.46 -2.37 0.00	22.94 -3.07 0.00	25.23 -3.31 0.00	29.41 -3.82 0.00	36.27 -5.41 0.00	38.06 -5.51 0.00	33.10 -4.74 0.00	34.86 -4.94 0.00	28.22 -3.59 0.00	28.05 -2.98 0.00
MOHAWK_PAPER___DRP 24187	35.97 1.02 0.00	36.95 1.12 0.00	34.70 1.09 0.00	31.00 0.92 0.00	27.90 0.81 0.00	30.63 0.90 0.00	34.91 0.96 0.00	36.79 0.96 0.00	31.17 0.75 0.00	32.31 0.79 0.00	28.96 0.71 0.00	29.26 0.66 0.00	26.96 0.71 0.00	26.58 0.66 0.00	26.61 0.78 0.00	26.87 0.87 0.00	29.42 0.88 0.00	34.19 0.96 0.00	42.88 1.20 0.00	44.77 1.20 0.00	38.90 1.06 0.00	40.99 1.18 0.00	32.85 1.05 0.00	32.05 1.01 0.00
MOHICAN__35_KV_115KV_LD 80490	35.98 1.03 0.00	36.88 1.05 0.00	34.72 1.11 0.00	31.04 0.96 0.00	28.00 0.91 0.00	30.85 1.11 0.00	35.12 1.16 0.00	36.90 1.09 0.00	30.95 0.53 0.00	31.83 0.31 0.00	28.41 0.16 0.00	28.62 0.02 0.00	26.36 0.10 0.00	25.92 0.01 0.00	26.03 0.20 0.00	26.35 0.35 0.00	29.00 0.47 0.00	33.91 0.68 0.00	42.79 1.11 0.00	44.86 1.29 0.00	39.00 1.16 0.00	41.21 1.40 0.00	32.98 1.18 0.00	32.24 1.20 0.00
MONGAUP___HYD 23641	36.57 1.62 0.00	37.58 1.75 0.00	35.16 1.54 0.00	31.44 1.36 0.00	28.40 1.31 0.00	31.13 1.40 0.00	35.61 1.52 -0.14	37.45 1.63 0.00	31.66 1.24 0.00	32.87 1.34 0.00	29.34 1.10 0.00	29.62 1.02 0.00	27.27 1.01 0.00	27.00 1.09 0.00	27.02 1.18 0.00	27.21 1.21 0.00	29.88 1.34 0.00	34.77 1.54 0.00	43.71 2.03 0.00	45.90 2.32 0.00	39.95 2.11 0.00	42.02 2.21 0.00	33.65 1.84 0.00	32.96 1.92 0.00
MONTAUK___DIESEL 23721	36.80 1.85 0.00	38.23 2.41 0.00	35.86 2.24 0.00	32.21 2.13 0.00	33.45 2.58 -3.77	33.15 2.87 -0.55	37.28 3.00 -0.32	40.90 3.28 -1.80	34.54 3.12 -1.00	34.37 2.84 0.00	31.02 2.77 0.00	31.08 2.48 0.00	28.23 1.98 0.00	27.85 1.94 0.00	27.94 2.11 0.00	28.13 2.12 0.00	31.09 2.55 0.00	36.56 3.06 -0.27	49.46 3.46 -4.32	51.29 3.15 -4.57	43.65 2.62 -3.19	43.62 3.13 -0.68	36.33 3.24 -1.28	43.53 3.38 -9.11

MOONROAD_115KV_HARTFLD_TB1-2 355988	33.95 -1.00 0.00	34.40 -1.42 0.00	32.11 -1.50 0.00	28.99 -1.09 0.00	26.00 -1.09 0.00	28.59 -1.15 0.00	31.08 -1.68 1.19	34.36 -1.46 0.00	29.58 -0.84 0.00	30.73 -0.80 0.00	27.61 -0.64 0.00	28.43 -0.17 0.00	25.56 -0.70 0.00	25.42 -0.49 0.00	24.86 -0.97 0.00	24.48 -1.53 0.00	26.94 -1.60 0.00	31.55 -1.68 0.00	39.08 -2.60 0.00	41.03 -2.54 0.00	35.65 -2.19 0.00	37.34 -2.47 0.00	29.77 -2.04 0.00	29.15 -1.89 0.00
MORRIS RIDGE___SOLAR 323848	33.52 -1.44 0.00	34.02 -1.81 0.00	31.75 -1.86 0.00	28.56 -1.53 0.00	25.49 -1.60 0.00	27.88 -1.86 0.00	29.88 -2.48 1.59	33.40 -2.42 0.00	28.74 -1.68 0.00	29.53 -2.00 0.00	26.77 -1.47 0.00	27.59 -1.01 0.00	24.89 -1.36 0.00	24.75 -1.16 0.00	24.43 -1.40 0.00	24.28 -1.73 0.00	26.57 -1.96 0.00	30.82 -2.40 0.00	38.65 -3.02 0.00	40.63 -2.94 0.00	35.15 -2.68 0.00	36.78 -3.03 0.00	29.36 -2.45 0.00	28.65 -2.39 0.00
MORTIMER_115KV_TB3 55949	34.39 -0.56 0.00	34.96 -0.86 0.00	32.78 -0.83 0.00	29.48 -0.60 0.00	26.54 -0.54 0.00	29.13 -0.60 0.00	32.59 -0.76 0.60	35.16 -0.66 0.00	30.06 -0.36 0.00	31.19 -0.34 0.00	27.93 -0.32 0.00	28.53 -0.07 0.00	25.87 -0.39 0.00	25.58 -0.34 0.00	25.21 -0.62 0.00	25.01 -0.99 0.00	27.53 -1.01 0.00	32.08 -1.15 0.00	40.11 -1.57 0.00	42.03 -1.54 0.00	36.54 -1.30 0.00	38.41 -1.40 0.00	30.73 -1.08 0.00	30.11 -0.93 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.69 1.73 0.00	37.49 1.66 0.00	35.07 1.45 0.00	31.38 1.30 0.00	28.41 1.32 0.00	31.10 1.36 0.00	35.68 1.60 -0.13	37.60 1.78 0.00	32.15 1.73 0.00	33.45 1.93 0.00	30.09 1.84 0.00	30.42 1.81 0.00	28.00 1.75 0.00	27.80 1.88 0.00	27.82 1.99 0.00	28.00 1.99 0.00	30.72 2.19 0.00	35.65 2.42 0.00	44.36 2.69 0.00	46.10 2.53 0.00	40.05 2.21 0.00	42.11 2.30 0.00	33.76 1.95 0.00	32.91 1.87 0.00
MUNSVILLE_WIND_PWR 323609	37.32 2.37 0.00	38.13 2.31 0.00	35.65 2.04 0.00	31.90 1.81 0.00	28.75 1.66 0.00	31.78 2.04 0.00	36.65 2.50 -0.20	38.37 2.55 0.00	32.18 1.76 0.00	32.78 1.26 0.00	28.76 0.51 0.00	28.83 0.23 0.00	26.34 0.09 0.00	26.07 0.16 0.00	26.01 0.18 0.00	26.21 0.20 0.00	28.94 0.40 0.00	34.19 0.96 0.00	44.33 2.66 0.00	46.88 3.31 0.00	40.70 2.86 0.00	42.76 2.95 0.00	34.06 2.25 0.00	32.72 1.69 0.00
N SALMON___HYD 24042	35.00 0.05 0.00	35.86 0.03 0.00	33.73 0.12 0.00	30.19 0.11 0.00	27.21 0.12 0.00	29.95 0.22 0.00	34.34 0.39 0.00	36.15 0.33 0.00	30.52 0.09 0.00	31.56 0.03 0.00	28.13 -0.12 0.00	28.48 -0.13 0.00	26.12 -0.14 0.00	25.71 -0.21 0.00	25.56 -0.27 0.00	25.77 -0.23 0.00	28.33 -0.20 0.00	33.15 -0.09 0.00	41.72 0.05 0.00	43.75 0.18 0.00	37.98 0.14 0.00	39.80 -0.01 0.00	31.54 -0.27 0.00	30.68 -0.35 0.00
N.AKRON___115KV_KNAPP 355671	33.25 -1.71 0.00	33.60 -2.23 0.00	31.52 -2.09 0.00	28.49 -1.59 0.00	25.60 -1.49 0.00	28.00 -1.74 0.00	30.81 -2.25 0.90	33.66 -2.16 0.00	28.96 -1.46 0.00	30.05 -1.48 0.00	26.82 -1.43 0.00	27.61 -0.99 0.00	24.86 -1.40 0.00	24.68 -1.23 0.00	24.12 -1.72 0.00	23.70 -2.31 0.00	26.06 -2.48 0.00	30.26 -2.98 0.00	37.55 -4.12 0.00	39.57 -4.00 0.00	34.49 -3.35 0.00	36.29 -3.52 0.00	29.26 -2.55 0.00	28.95 -2.09 0.00
N.E._GEN_SANDY PD 24062	36.08 1.27 0.14	37.18 1.35 0.00	36.31 1.34 -1.36	31.22 1.14 0.00	28.14 1.05 0.00	33.38 1.13 -2.51	34.90 1.15 0.19	37.03 1.21 0.00	33.47 1.05 -2.01	32.70 1.18 0.00	29.33 1.08 0.00	29.26 1.02 0.36	27.74 1.09 -0.40	26.72 1.02 0.21	27.02 1.19 0.00	27.32 1.32 0.00	29.91 1.37 0.00	34.52 1.44 0.14	43.35 1.68 0.00	45.01 1.61 0.17	39.06 1.40 0.18	43.37 1.59 -1.98	42.26 1.39 -9.06	37.56 1.38 -5.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.54 1.59 0.00	37.37 1.54 0.00	34.94 1.33 0.00	31.26 1.17 0.00	28.26 1.17 0.00	30.94 1.20 0.00	35.51 1.43 -0.13	37.39 1.57 0.00	31.93 1.51 0.00	33.21 1.68 0.00	29.84 1.59 0.00	30.18 1.58 0.00	27.79 1.53 0.00	27.54 1.63 0.00	27.57 1.74 0.00	27.78 1.77 0.00	30.50 1.97 0.00	35.44 2.20 0.00	44.18 2.51 0.00	46.00 2.43 0.00	39.93 2.09 0.00	41.96 2.15 0.00	33.61 1.80 0.00	32.77 1.74 0.00
N.QUEENS_27_KV_LOAD 356247	36.76 1.81 0.00	37.58 1.75 0.00	35.17 1.56 0.00	31.45 1.37 0.00	28.50 1.41 0.00	31.07 1.34 0.00	35.77 1.69 -0.13	37.72 1.90 0.00	32.27 1.85 0.00	33.58 2.06 0.00	30.16 1.92 0.00	30.48 1.88 0.00	28.09 1.83 0.00	27.94 2.03 0.00	27.88 2.04 0.00	28.06 2.05 0.00	30.78 2.24 0.00	35.70 2.47 0.00	44.36 2.68 0.00	46.02 2.45 0.00	40.06 2.22 0.00	42.07 2.26 0.00	33.78 1.97 0.00	32.87 1.84 0.00
N.TROY___115KV_TB1 355778	35.98 1.03 0.00	36.95 1.12 0.00	34.74 1.13 0.00	31.03 0.95 0.00	27.92 0.83 0.00	30.68 0.94 0.00	34.90 0.95 0.00	36.78 0.96 0.00	31.14 0.72 0.00	32.29 0.77 0.00	28.91 0.66 0.00	29.19 0.59 0.00	26.91 0.65 0.00	26.49 0.58 0.00	26.56 0.73 0.00	26.86 0.85 0.00	29.43 0.89 0.00	34.20 0.97 0.00	42.92 1.24 0.00	44.82 1.25 0.00	38.93 1.09 0.00	41.06 1.25 0.00	32.90 1.10 0.00	32.13 1.09 0.00
NARROWS_GT1_1 24228	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT1_2 24229	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT1_3 24230	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT1_4 24231	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00

NARROWS_GT1_5 24232	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT1_6 24233	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT1_7 24234	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT1_8 24235	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT2_1 24236	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT2_2 24237	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT2_3 24238	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT2_4 24239	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT2_5 24240	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT2_6 24241	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT2_7 24242	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NARROWS_GT2_8 24243	36.87 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.55 1.47 0.00	28.54 1.46 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.67 2.14 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.18 1.92 0.00	27.99 2.07 0.00	27.98 2.14 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.86 2.63 0.00	44.58 2.90 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.35 2.54 0.00	33.94 2.13 0.00	33.10 2.06 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.31 1.36 0.00	37.27 1.44 0.00	35.01 1.41 0.00	31.29 1.21 0.00	28.19 1.10 0.00	30.97 1.24 0.00	35.37 1.42 0.00	37.28 1.46 0.00	31.39 0.96 0.00	32.44 0.92 0.00	29.02 0.77 0.00	29.30 0.70 0.00	27.00 0.74 0.00	26.63 0.72 0.00	26.66 0.83 0.00	26.88 0.87 0.00	29.45 0.92 0.00	34.27 1.04 0.00	43.14 1.46 0.00	45.28 1.71 0.00	39.45 1.61 0.00	41.53 1.72 0.00	33.25 1.44 0.00	32.40 1.37 0.00
NCHELSEA_115KV_TR2 355582	36.75 1.80 0.00	37.60 1.77 0.00	35.18 1.57 0.00	31.46 1.38 0.00	28.46 1.37 0.00	31.17 1.44 0.00	35.76 1.68 -0.13	37.68 1.86 0.00	32.20 1.78 0.00	33.39 1.86 0.00	29.96 1.71 0.00	30.25 1.64 0.00	27.85 1.59 0.00	27.57 1.66 0.00	27.61 1.78 0.00	27.82 1.81 0.00	30.53 1.99 0.00	35.51 2.28 0.00	44.33 2.66 0.00	46.20 2.63 0.00	40.12 2.28 0.00	42.18 2.37 0.00	33.77 1.96 0.00	32.90 1.87 0.00
NEG CAPITAL__MECHNVIL 23645	36.22 1.26 0.00	37.17 1.34 0.00	34.93 1.32 0.00	31.21 1.13 0.00	28.11 1.02 0.00	30.92 1.19 0.00	35.23 1.28 0.00	37.07 1.25 0.00	31.28 0.85 0.00	32.32 0.79 0.00	28.90 0.65 0.00	29.17 0.57 0.00	26.86 0.61 0.00	26.46 0.55 0.00	26.51 0.68 0.00	26.81 0.80 0.00	29.44 0.90 0.00	34.35 1.12 0.00	43.25 1.57 0.00	45.27 1.70 0.00	39.30 1.46 0.00	41.45 1.64 0.00	33.17 1.36 0.00	32.36 1.32 0.00

NEG CENTRAL_HIGH_ACRES 23767	34.45 -0.50 0.00	35.09 -0.74 0.00	32.90 -0.71 0.00	29.56 -0.52 0.00	26.62 -0.47 0.00	29.23 -0.50 0.00	32.83 -0.61 0.51	35.29 -0.53 0.00	30.13 -0.29 0.00	31.27 -0.25 0.00	28.00 -0.25 0.00	28.49 -0.12 0.00	25.84 -0.42 0.00	25.55 -0.37 0.00	25.19 -0.64 0.00	25.00 -1.01 0.00	27.48 -1.06 0.00	32.12 -1.12 0.00	40.20 -1.48 0.00	42.06 -1.51 0.00	36.54 -1.29 0.00	38.39 -1.42 0.00	30.68 -1.13 0.00	30.01 -1.03 0.00
NEG CENTRAL___DRP 24199	34.70 -0.25 0.00	35.44 -0.39 0.00	33.16 -0.45 0.00	29.76 -0.32 0.00	26.79 -0.30 0.00	29.47 -0.26 0.00	33.03 -0.35 0.57	35.52 -0.30 0.00	30.28 -0.14 0.00	31.30 -0.22 0.00	28.03 -0.22 0.00	28.33 -0.27 0.00	25.79 -0.47 0.00	25.49 -0.42 0.00	25.33 -0.50 0.00	25.34 -0.67 0.00	27.82 -0.72 0.00	32.58 -0.65 0.00	40.99 -0.68 0.00	43.11 -0.46 0.00	37.43 -0.41 0.00	39.28 -0.52 0.00	31.37 -0.44 0.00	30.58 -0.45 0.00
NEG CENTRAL___INDECK 23768	35.14 0.19 0.00	35.66 -0.16 0.00	33.34 -0.27 0.00	29.98 -0.10 0.00	26.91 -0.18 0.00	29.55 -0.18 0.00	32.37 -0.32 1.26	35.69 -0.13 0.00	30.53 0.10 0.00	31.13 -0.40 0.00	27.95 -0.29 0.00	28.80 0.19 0.00	26.05 -0.21 0.00	25.82 -0.09 0.00	25.48 -0.35 0.00	25.32 -0.69 0.00	27.88 -0.65 0.00	32.30 -0.93 0.00	40.56 -1.12 0.00	42.99 -0.59 0.00	37.44 -0.40 0.00	39.24 -0.57 0.00	31.25 -0.56 0.00	30.45 -0.58 0.00
NEG CENTRAL___SENECA 23627	34.75 -0.20 0.00	35.43 -0.39 0.00	33.13 -0.49 0.00	29.76 -0.32 0.00	26.77 -0.31 0.00	29.48 -0.26 0.00	32.73 -0.38 0.83	35.52 -0.30 0.00	30.33 -0.09 0.00	31.34 -0.18 0.00	28.08 -0.16 0.00	28.41 -0.20 0.00	25.77 -0.48 0.00	25.50 -0.41 0.00	25.31 -0.52 0.00	25.28 -0.73 0.00	27.76 -0.77 0.00	32.58 -0.65 0.00	40.97 -0.70 0.00	43.12 -0.46 0.00	37.42 -0.42 0.00	39.22 -0.59 0.00	31.33 -0.48 0.00	30.53 -0.51 0.00
NEG CENTRAL___STATE_STREET 24147	34.77 -0.18 0.00	35.56 -0.26 0.00	33.32 -0.29 0.00	29.86 -0.22 0.00	26.90 -0.19 0.00	29.59 -0.14 0.00	33.44 -0.18 0.32	35.66 -0.16 0.00	30.31 -0.11 0.00	31.34 -0.19 0.00	28.01 -0.24 0.00	28.30 -0.30 0.00	25.84 -0.41 0.00	25.53 -0.38 0.00	25.41 -0.42 0.00	25.49 -0.52 0.00	27.96 -0.57 0.00	32.69 -0.54 0.00	41.20 -0.48 0.00	43.31 -0.26 0.00	37.63 -0.21 0.00	39.54 -0.27 0.00	31.58 -0.23 0.00	30.79 -0.25 0.00
NEG MILLWOOD___DRP 24198	36.74 1.79 0.00	37.59 1.76 0.00	35.16 1.55 0.00	31.45 1.37 0.00	28.46 1.38 0.00	31.17 1.44 0.00	35.76 1.68 -0.12	37.71 1.89 0.00	32.21 1.79 0.00	33.44 1.92 0.00	30.02 1.77 0.00	30.30 1.70 0.00	27.90 1.64 0.00	27.64 1.72 0.00	27.67 1.84 0.00	27.87 1.87 0.00	30.60 2.06 0.00	35.58 2.35 0.00	44.38 2.71 0.00	46.22 2.65 0.00	40.14 2.31 0.00	42.21 2.40 0.00	33.79 1.99 0.00	32.93 1.89 0.00
NEG NORTH_FLCN_SEA 23793	35.41 0.46 0.00	36.32 0.49 0.00	34.17 0.56 0.00	30.59 0.51 0.00	27.56 0.47 0.00	30.31 0.58 0.00	34.62 0.67 0.00	36.46 0.64 0.00	30.91 0.49 0.00	31.97 0.44 0.00	28.52 0.27 0.00	28.83 0.23 0.00	26.51 0.25 0.00	26.09 0.18 0.00	26.01 0.17 0.00	26.23 0.22 0.00	28.82 0.28 0.00	33.66 0.43 0.00	42.24 0.57 0.00	44.19 0.61 0.00	38.32 0.48 0.00	40.22 0.41 0.00	31.91 0.09 0.00	31.05 0.01 0.00
NEG NORTH_KES_CHATAGAY 23792	35.16 0.20 0.00	36.03 0.20 0.00	33.89 0.27 0.00	30.33 0.26 0.00	27.32 0.23 0.00	30.05 0.31 0.00	34.37 0.42 0.00	36.19 0.37 0.00	30.66 0.24 0.00	31.74 0.21 0.00	28.32 0.07 0.00	28.67 0.07 0.00	26.31 0.05 0.00	25.90 -0.02 0.00	25.77 -0.06 0.00	26.00 -0.01 0.00	28.58 0.04 0.00	33.39 0.16 0.00	41.92 0.24 0.00	43.85 0.28 0.00	37.99 0.15 0.00	39.84 0.03 0.00	31.57 -0.24 0.00	30.75 -0.29 0.00
NEG NORTH___ALICE_FALLS 23915	35.42 0.47 0.00	36.32 0.49 0.00	34.17 0.56 0.00	30.59 0.51 0.00	27.56 0.47 0.00	30.32 0.59 0.00	34.67 0.72 0.00	36.47 0.66 0.00	30.86 0.44 0.00	31.91 0.38 0.00	28.46 0.21 0.00	28.77 0.17 0.00	26.44 0.19 0.00	26.03 0.11 0.00	25.93 0.10 0.00	26.16 0.15 0.00	28.74 0.20 0.00	33.59 0.36 0.00	42.19 0.51 0.00	44.22 0.65 0.00	38.37 0.53 0.00	40.26 0.45 0.00	31.93 0.12 0.00	31.07 0.03 0.00
NEG NORTH___LWR_SARANAC 23913	35.42 0.47 0.00	36.32 0.49 0.00	34.17 0.56 0.00	30.59 0.51 0.00	27.56 0.47 0.00	30.32 0.59 0.00	34.67 0.72 0.00	36.47 0.66 0.00	30.86 0.44 0.00	31.91 0.38 0.00	28.46 0.21 0.00	28.77 0.17 0.00	26.44 0.19 0.00	26.03 0.11 0.00	25.93 0.10 0.00	26.16 0.15 0.00	28.74 0.20 0.00	33.59 0.36 0.00	42.19 0.51 0.00	44.22 0.65 0.00	38.37 0.53 0.00	40.26 0.45 0.00	31.93 0.12 0.00	31.07 0.03 0.00
NEG NORTH___PLATTSBURG 23628	35.43 0.47 0.00	36.32 0.49 0.00	34.17 0.56 0.00	30.59 0.51 0.00	27.56 0.47 0.00	30.32 0.59 0.00	34.67 0.72 0.00	36.47 0.65 0.00	30.86 0.44 0.00	31.91 0.38 0.00	28.46 0.21 0.00	28.77 0.17 0.00	26.44 0.19 0.00	26.03 0.11 0.00	25.93 0.10 0.00	26.16 0.15 0.00	28.74 0.20 0.00	33.59 0.36 0.00	42.19 0.51 0.00	44.22 0.65 0.00	38.37 0.53 0.00	40.26 0.45 0.00	31.93 0.12 0.00	31.07 0.03 0.00
NEG WEST_LEA_LOCKPORT 23791	32.64 -2.32 0.00	32.96 -2.87 0.00	30.92 -2.69 0.00	27.97 -2.11 0.00	25.11 -1.98 0.00	27.40 -2.34 0.00	29.99 -3.01 0.96	32.83 -2.99 0.00	28.33 -2.09 0.00	29.51 -2.02 0.00	26.40 -1.85 0.00	27.21 -1.39 0.00	24.45 -1.80 0.00	24.31 -1.61 0.00	23.72 -2.11 0.00	23.23 -2.78 0.00	25.56 -2.97 0.00	29.80 -3.43 0.00	36.80 -4.87 0.00	38.62 -4.95 0.00	33.58 -4.25 0.00	35.36 -4.45 0.00	28.55 -3.26 0.00	28.31 -2.72 0.00
NEG WEST___LANCASTER 23811	32.89 -2.06 0.00	33.26 -2.57 0.00	31.12 -2.49 0.00	28.13 -1.95 0.00	25.19 -1.89 0.00	27.56 -2.18 0.00	29.96 -2.79 1.20	33.08 -2.74 0.00	28.55 -1.87 0.00	29.74 -1.79 0.00	26.67 -1.58 0.00	27.46 -1.14 0.00	24.70 -1.56 0.00	24.59 -1.32 0.00	24.03 -1.80 0.00	23.65 -2.36 0.00	26.02 -2.52 0.00	30.39 -2.84 0.00	37.57 -4.11 0.00	39.33 -4.24 0.00	34.16 -3.68 0.00	35.90 -3.90 0.00	28.86 -2.95 0.00	28.42 -2.62 0.00
NEG_PENN_ALLEGHNY 23528	34.98 0.03 0.00	35.84 0.01 0.00	33.54 -0.07 0.00	30.01 -0.06 0.00	27.01 -0.08 0.00	29.68 -0.06 0.00	34.96 -0.10 -1.10	35.76 -0.06 0.00	30.44 0.02 0.00	31.51 -0.02 0.00	28.22 -0.03 0.00	28.56 -0.04 0.00	26.14 -0.11 0.00	25.86 -0.05 0.00	25.79 -0.04 0.00	25.93 -0.08 0.00	28.47 -0.07 0.00	33.24 0.00 0.00	41.78 0.10 0.00	43.68 0.10 0.00	37.90 0.07 0.00	39.87 0.06 0.00	31.86 0.05 0.00	31.05 0.02 0.00
NEG___GEN_MONROE 24207	34.43 -0.53 0.00	34.98 -0.85 0.00	32.78 -0.83 0.00	29.50 -0.58 0.00	26.57 -0.52 0.00	29.16 -0.58 0.00	32.59 -0.74 0.61	35.20 -0.62 0.00	30.10 -0.32 0.00	31.16 -0.36 0.00	27.84 -0.41 0.00	28.51 -0.09 0.00	25.84 -0.41 0.00	25.52 -0.40 0.00	25.12 -0.71 0.00	24.90 -1.10 0.00	27.45 -1.09 0.00	31.96 -1.27 0.00	39.89 -1.78 0.00	41.95 -1.62 0.00	36.52 -1.32 0.00	38.38 -1.43 0.00	30.74 -1.07 0.00	30.15 -0.89 0.00

NEPA__ENERGY 23901	33.45 -1.50 0.00	33.88 -1.95 0.00	31.56 -2.05 0.00	28.50 -1.58 0.00	25.56 -1.53 0.00	28.17 -1.57 0.00	30.47 -2.28 1.21	33.66 -2.16 0.00	29.10 -1.33 0.00	30.30 -1.22 0.00	27.26 -0.99 0.00	28.02 -0.58 0.00	25.21 -1.04 0.00	25.12 -0.80 0.00	24.65 -1.19 0.00	24.39 -1.62 0.00	26.78 -1.76 0.00	31.35 -1.88 0.00	38.82 -2.85 0.00	40.61 -2.96 0.00	35.23 -2.61 0.00	36.90 -2.91 0.00	29.62 -2.19 0.00	29.10 -1.93 0.00
NEVERSINK__HYD 23608	36.75 1.80 0.00	37.61 1.78 0.00	35.20 1.59 0.00	31.48 1.40 0.00	28.47 1.38 0.00	31.23 1.50 0.00	35.88 1.77 -0.16	37.72 1.90 0.00	32.14 1.72 0.00	33.25 1.72 0.00	29.69 1.44 0.00	30.00 1.40 0.00	27.44 1.18 0.00	26.43 0.51 0.00	26.37 0.54 0.00	26.54 0.53 0.00	29.19 0.65 0.00	34.05 0.82 0.00	42.73 1.06 0.00	44.63 1.06 0.00	38.88 1.04 0.00	41.87 2.06 0.00	33.49 1.68 0.00	32.62 1.58 0.00
NEWKRMKL_115KV_TB1 55635	35.77 0.82 0.00	36.75 0.93 0.00	34.51 0.90 0.00	30.84 0.76 0.00	27.76 0.67 0.00	30.46 0.72 0.00	34.72 0.77 0.00	36.59 0.77 0.00	31.03 0.60 0.00	32.18 0.66 0.00	28.84 0.59 0.00	29.15 0.54 0.00	26.88 0.62 0.00	26.50 0.58 0.00	26.53 0.70 0.00	26.77 0.76 0.00	29.27 0.73 0.00	33.99 0.75 0.00	42.58 0.90 0.00	44.39 0.82 0.00	38.58 0.74 0.00	40.62 0.81 0.00	32.59 0.78 0.00	31.78 0.75 0.00
NEWTON__FALLS_HYD 23847	33.58 -1.37 0.00	34.29 -1.53 0.00	32.28 -1.33 0.00	28.83 -1.25 0.00	26.05 -1.04 0.00	28.72 -1.01 0.00	33.11 -0.84 0.00	34.62 -1.20 0.00	28.94 -1.48 0.00	29.89 -1.64 0.00	26.65 -1.60 0.00	26.93 -1.68 0.00	24.71 -1.55 0.00	24.34 -1.58 0.00	24.21 -1.62 0.00	24.40 -1.61 0.00	26.72 -1.82 0.00	31.29 -1.94 0.00	39.69 -1.99 0.00	42.11 -1.46 0.00	36.82 -1.02 0.00	38.48 -1.33 0.00	30.52 -1.29 0.00	29.58 -1.46 0.00
NGRID_A1_DSASP 323792	32.29 -2.67 0.00	32.67 -3.16 0.00	30.66 -2.95 0.00	27.75 -2.33 0.00	24.91 -2.17 0.00	27.18 -2.56 0.00	29.57 -3.38 1.00	32.34 -3.47 0.00	27.94 -2.48 0.00	29.16 -2.37 0.00	26.10 -2.15 0.00	26.90 -1.70 0.00	24.15 -2.10 0.00	24.01 -1.91 0.00	23.41 -2.42 0.00	22.93 -3.07 0.00	25.29 -3.24 0.00	29.52 -3.71 0.00	36.34 -5.33 0.00	38.04 -5.53 0.00	33.07 -4.77 0.00	34.85 -4.96 0.00	28.11 -3.70 0.00	27.85 -3.19 0.00
NGRID_A2_DSASP 323793	32.29 -2.67 0.00	32.67 -3.16 0.00	30.66 -2.95 0.00	27.75 -2.33 0.00	24.91 -2.17 0.00	27.18 -2.56 0.00	29.57 -3.38 1.00	32.34 -3.47 0.00	27.94 -2.48 0.00	29.16 -2.37 0.00	26.10 -2.15 0.00	26.90 -1.70 0.00	24.15 -2.10 0.00	24.01 -1.91 0.00	23.41 -2.42 0.00	22.93 -3.07 0.00	25.29 -3.24 0.00	29.52 -3.71 0.00	36.34 -5.33 0.00	38.04 -5.53 0.00	33.07 -4.77 0.00	34.85 -4.96 0.00	28.11 -3.70 0.00	27.85 -3.19 0.00
NGRID_A4_DSASP 323807	32.29 -2.67 0.00	32.67 -3.16 0.00	30.66 -2.95 0.00	27.75 -2.33 0.00	24.91 -2.17 0.00	27.18 -2.56 0.00	29.57 -3.38 1.00	32.34 -3.47 0.00	27.94 -2.48 0.00	29.16 -2.37 0.00	26.10 -2.15 0.00	26.90 -1.70 0.00	24.15 -2.10 0.00	24.01 -1.91 0.00	23.41 -2.42 0.00	22.93 -3.07 0.00	25.29 -3.24 0.00	29.52 -3.71 0.00	36.34 -5.33 0.00	38.04 -5.53 0.00	33.07 -4.77 0.00	34.85 -4.96 0.00	28.11 -3.70 0.00	27.85 -3.19 0.00
NIAGARA_115E_LBMP 323715	32.07 -2.88 0.00	32.39 -3.44 0.00	30.42 -3.19 0.00	27.53 -2.55 0.00	24.73 -2.36 0.00	26.96 -2.78 0.00	29.41 -3.55 0.99	32.24 -3.58 0.00	27.85 -2.57 0.00	29.02 -2.51 0.00	25.97 -2.28 0.00	26.78 -1.82 0.00	24.04 -2.21 0.00	23.91 -2.00 0.00	23.32 -2.51 0.00	22.76 -3.24 0.00	25.04 -3.49 0.00	29.21 -4.03 0.00	35.97 -5.70 0.00	37.72 -5.84 0.00	32.80 -5.04 0.00	34.56 -5.25 0.00	28.00 -3.81 0.00	27.87 -3.16 0.00
NIAGARA_115W_LBMP 323714	32.21 -2.74 0.00	32.62 -3.21 0.00	30.62 -2.99 0.00	27.70 -2.38 0.00	24.88 -2.21 0.00	27.14 -2.60 0.00	29.52 -3.44 1.00	32.28 -3.54 0.00	27.88 -2.54 0.00	29.08 -2.45 0.00	26.04 -2.20 0.00	26.85 -1.75 0.00	24.10 -2.15 0.00	23.96 -1.96 0.00	23.37 -2.46 0.00	22.89 -3.11 0.00	25.24 -3.29 0.00	29.46 -3.77 0.00	36.26 -5.42 0.00	37.96 -5.61 0.00	33.00 -4.84 0.00	34.77 -5.03 0.00	28.05 -3.76 0.00	27.80 -3.24 0.00
NIAGARA_230_LBMP 323716	32.39 -2.56 0.00	32.75 -3.08 0.00	30.73 -2.88 0.00	27.79 -2.28 0.00	24.96 -2.13 0.00	27.23 -2.50 0.00	29.74 -3.23 0.98	32.60 -3.22 0.00	28.14 -2.29 0.00	29.34 -2.19 0.00	26.28 -1.96 0.00	27.08 -1.52 0.00	24.33 -1.92 0.00	24.18 -1.73 0.00	23.60 -2.23 0.00	23.14 -2.87 0.00	25.51 -3.03 0.00	29.76 -3.47 0.00	36.69 -4.99 0.00	38.39 -5.18 0.00	33.37 -4.47 0.00	35.15 -4.66 0.00	28.36 -3.45 0.00	28.09 -2.95 0.00
NIAGARA__115KV_198_GIBSON 55903	32.24 -2.71 0.00	32.62 -3.21 0.00	30.62 -2.99 0.00	27.71 -2.37 0.00	24.88 -2.21 0.00	27.14 -2.60 0.00	29.52 -3.43 1.00	32.28 -3.54 0.00	27.88 -2.54 0.00	29.10 -2.43 0.00	26.05 -2.20 0.00	26.85 -1.76 0.00	24.11 -2.15 0.00	23.96 -1.96 0.00	23.37 -2.46 0.00	22.89 -3.12 0.00	25.25 -3.29 0.00	29.46 -3.78 0.00	36.27 -5.41 0.00	37.97 -5.60 0.00	33.00 -4.84 0.00	34.78 -5.03 0.00	28.05 -3.76 0.00	27.79 -3.24 0.00
NIAGARA__ 23760	32.39 -2.56 0.00	32.75 -3.08 0.00	30.73 -2.88 0.00	27.79 -2.28 0.00	24.96 -2.13 0.00	27.23 -2.50 0.00	29.74 -3.23 0.98	32.60 -3.22 0.00	28.14 -2.29 0.00	29.34 -2.19 0.00	26.28 -1.96 0.00	27.08 -1.52 0.00	24.33 -1.92 0.00	24.18 -1.73 0.00	23.60 -2.23 0.00	23.14 -2.87 0.00	25.51 -3.03 0.00	29.76 -3.47 0.00	36.69 -4.99 0.00	38.39 -5.18 0.00	33.37 -4.47 0.00	35.15 -4.66 0.00	28.36 -3.45 0.00	28.09 -2.95 0.00
NINE_MILE_1 23575	33.70 -1.25 0.00	34.53 -1.30 0.00	32.38 -1.24 0.00	29.00 -1.08 0.00	26.13 -0.96 0.00	28.68 -1.05 0.00	32.73 -1.22 0.00	34.55 -1.27 0.00	29.37 -1.05 0.00	30.43 -1.09 0.00	27.30 -0.95 0.00	27.66 -0.94 0.00	25.37 -0.89 0.00	25.05 -0.87 0.00	24.94 -0.89 0.00	25.05 -0.95 0.00	27.46 -1.08 0.00	31.94 -1.29 0.00	40.08 -1.60 0.00	41.93 -1.64 0.00	36.43 -1.41 0.00	38.32 -1.49 0.00	30.62 -1.19 0.00	29.90 -1.14 0.00
NINE_MILE_2 23744	33.70 -1.24 0.00	34.53 -1.30 0.00	32.38 -1.24 0.00	29.00 -1.08 0.00	26.13 -0.96 0.00	28.68 -1.05 0.00	32.73 -1.21 0.00	34.55 -1.27 0.00	29.37 -1.05 0.00	30.43 -1.09 0.00	27.30 -0.94 0.00	27.66 -0.94 0.00	25.37 -0.89 0.00	25.05 -0.87 0.00	24.94 -0.89 0.00	25.06 -0.95 0.00	27.46 -1.08 0.00	31.94 -1.29 0.00	40.08 -1.59 0.00	41.93 -1.64 0.00	36.43 -1.41 0.00	38.32 -1.49 0.00	30.62 -1.18 0.00	29.90 -1.14 0.00
NM_CAPITAL__DRP 24208	35.81 0.86 0.00	36.80 0.97 0.00	34.57 0.96 0.00	30.88 0.80 0.00	27.80 0.71 0.00	30.50 0.77 0.00	34.75 0.80 0.00	36.63 0.81 0.00	31.07 0.65 0.00	32.24 0.71 0.00	28.89 0.64 0.00	29.20 0.59 0.00	26.92 0.66 0.00	26.54 0.62 0.00	26.57 0.74 0.00	26.83 0.83 0.00	29.34 0.80 0.00	34.06 0.83 0.00	42.66 0.99 0.00	44.47 0.90 0.00	38.65 0.82 0.00	40.72 0.91 0.00	32.66 0.85 0.00	31.87 0.83 0.00

NM_CENTRAL___DRP 24181	34.35 -0.60 0.00	35.17 -0.66 0.00	32.97 -0.65 0.00	29.51 -0.57 0.00	26.60 -0.49 0.00	29.22 -0.51 0.00	33.36 -0.59 0.00	35.24 -0.58 0.00	29.96 -0.46 0.00	31.03 -0.50 0.00	27.78 -0.46 0.00	28.14 -0.47 0.00	25.78 -0.47 0.00	25.46 -0.45 0.00	25.35 -0.48 0.00	25.47 -0.54 0.00	27.94 -0.60 0.00	32.56 -0.67 0.00	40.89 -0.79 0.00	42.79 -0.77 0.00	37.17 -0.67 0.00	39.09 -0.72 0.00	31.23 -0.58 0.00	30.47 -0.56 0.00
NM_FRONTIER___DRP 24179	32.24 -2.71 0.00	32.62 -3.21 0.00	30.62 -2.99 0.00	27.71 -2.37 0.00	24.88 -2.21 0.00	27.14 -2.60 0.00	29.52 -3.43 1.00	32.28 -3.54 0.00	27.88 -2.54 0.00	29.10 -2.43 0.00	26.05 -2.20 0.00	26.85 -1.76 0.00	24.11 -2.15 0.00	23.96 -1.96 0.00	23.37 -2.46 0.00	22.89 -3.12 0.00	25.25 -3.29 0.00	29.46 -3.78 0.00	36.27 -5.41 0.00	37.97 -5.60 0.00	33.00 -4.84 0.00	34.78 -5.03 0.00	28.05 -3.76 0.00	27.79 -3.24 0.00
NM_ST_REGIS___HYD 24053	34.23 -0.72 0.00	35.01 -0.81 0.00	32.92 -0.69 0.00	29.49 -0.59 0.00	26.57 -0.51 0.00	29.25 -0.48 0.00	33.59 -0.36 0.00	35.25 -0.57 0.00	29.68 -0.75 0.00	30.68 -0.85 0.00	27.35 -0.90 0.00	27.69 -0.91 0.00	25.41 -0.85 0.00	25.01 -0.90 0.00	24.86 -0.97 0.00	25.07 -0.93 0.00	27.56 -0.98 0.00	32.25 -0.98 0.00	40.63 -1.04 0.00	42.76 -0.81 0.00	37.24 -0.60 0.00	39.03 -0.78 0.00	30.99 -0.82 0.00	30.15 -0.89 0.00
NORTHPORT___1 23551	36.79 1.84 0.00	37.78 1.95 0.00	35.35 1.74 0.00	31.65 1.57 0.00	32.47 1.62 -3.77	31.92 1.64 -0.55	34.50 1.45 0.90	27.89 1.53 9.45	33.37 1.95 -1.00	33.55 2.02 0.00	30.19 1.94 0.00	30.33 1.73 0.00	27.72 1.47 0.00	27.46 1.54 0.00	27.58 1.75 0.00	27.67 1.67 0.00	30.42 1.89 0.00	33.92 2.11 1.42	21.02 2.11 22.76	21.27 1.76 24.06	22.51 1.45 16.78	38.00 1.79 3.61	28.19 1.92 5.53	42.27 2.12 -9.11
NORTHPORT___2 23552	36.79 1.84 0.00	37.78 1.95 0.00	35.35 1.74 0.00	31.65 1.57 0.00	32.47 1.62 -3.77	31.92 1.64 -0.55	34.50 1.45 0.90	27.89 1.53 9.45	33.37 1.95 -1.00	33.55 2.02 0.00	30.19 1.94 0.00	30.33 1.73 0.00	27.72 1.47 0.00	27.46 1.54 0.00	27.58 1.75 0.00	27.67 1.67 0.00	30.42 1.89 0.00	33.92 2.11 1.42	21.02 2.11 22.76	21.27 1.76 24.06	22.51 1.45 16.78	38.00 1.79 3.61	28.19 1.92 5.53	42.27 2.12 -9.11
NORTHPORT___3 23553	36.79 1.84 0.00	37.78 1.95 0.00	35.35 1.74 0.00	31.64 1.56 0.00	32.47 1.61 -3.77	31.90 1.62 -0.55	34.91 1.43 0.47	31.77 1.51 5.55	33.36 1.94 -1.00	33.55 2.02 0.00	30.19 1.94 0.00	30.33 1.73 0.00	27.73 1.48 0.00	27.47 1.55 0.00	27.59 1.76 0.00	27.68 1.68 0.00	30.43 1.89 0.00	34.50 2.11 0.83	30.41 2.11 13.37	31.20 1.76 14.14	29.42 1.44 9.86	39.46 1.78 2.12	30.52 1.88 3.17	42.24 2.09 -9.11
NORTHPORT___4 23650	36.79 1.84 0.00	37.78 1.95 0.00	35.35 1.74 0.00	31.64 1.56 0.00	32.47 1.61 -3.77	31.90 1.62 -0.55	34.91 1.43 0.47	31.77 1.51 5.55	33.36 1.94 -1.00	33.55 2.02 0.00	30.19 1.94 0.00	30.33 1.73 0.00	27.73 1.48 0.00	27.47 1.55 0.00	27.59 1.76 0.00	27.68 1.68 0.00	30.43 1.89 0.00	34.50 2.11 0.83	30.41 2.11 13.37	31.20 1.76 14.14	29.42 1.44 9.86	39.46 1.78 2.12	30.52 1.88 3.17	42.24 2.09 -9.11
NORTHPORT___IC 23718	36.79 1.84 0.00	37.78 1.95 0.00	35.35 1.74 0.00	31.65 1.57 0.00	32.47 1.62 -3.77	31.92 1.64 -0.55	34.50 1.45 0.90	27.89 1.52 9.45	33.38 1.95 -1.00	33.54 2.02 0.00	30.19 1.94 0.00	30.33 1.73 0.00	27.73 1.47 0.00	27.45 1.54 0.00	27.58 1.75 0.00	27.67 1.66 0.00	30.42 1.89 0.00	33.92 2.11 1.42	21.02 2.11 22.76	21.27 1.76 24.06	22.51 1.45 16.78	37.99 1.79 3.61	28.20 1.92 5.53	42.27 2.12 -9.11
NORTH___COUNTRY_ESR 323785	35.11 0.15 0.00	35.99 0.17 0.00	33.83 0.22 0.00	30.29 0.21 0.00	27.29 0.20 0.00	29.99 0.26 0.00	34.31 0.36 0.00	36.16 0.34 0.00	30.66 0.23 0.00	31.74 0.21 0.00	28.32 0.07 0.00	28.67 0.07 0.00	26.31 0.05 0.00	25.90 -0.02 0.00	25.77 -0.06 0.00	26.00 -0.01 0.00	28.58 0.04 0.00	33.39 0.16 0.00	41.92 0.24 0.00	43.81 0.24 0.00	37.93 0.09 0.00	39.77 -0.04 0.00	31.52 -0.29 0.00	30.69 -0.34 0.00
NPX_GEN_1385_PROXY 323591	36.79 1.84 0.00	37.78 1.95 0.00	35.35 1.74 0.00	31.65 1.57 0.00	32.47 1.62 -3.77	31.92 1.64 -0.55	34.50 1.45 0.90	27.89 1.53 9.45	33.37 1.95 -1.00	33.55 2.02 0.00	30.19 1.94 0.00	30.33 1.73 0.00	27.72 1.47 0.00	27.46 1.54 0.00	27.58 1.75 0.00	27.67 1.67 0.00	30.42 1.89 0.00	33.92 2.11 1.42	21.02 2.11 22.76	21.27 1.76 24.06	22.51 1.45 16.78	38.00 1.79 3.61	28.19 1.92 5.53	42.27 2.12 -9.11
NPX_GEN_CSC 323557	36.96 2.01 0.00	38.29 2.46 0.00	35.85 2.24 0.00	32.14 2.06 0.00	32.99 2.14 -3.77	32.56 2.27 -0.55	36.55 2.28 -0.32	40.07 2.45 -1.80	33.85 2.43 -1.00	33.59 2.07 0.00	30.46 2.21 0.00	30.54 1.94 0.00	27.75 1.50 0.00	27.38 1.47 0.00	27.66 1.83 0.00	27.95 1.94 0.00	30.86 2.32 0.00	36.22 2.72 -0.27	48.76 2.72 -4.36	50.23 2.05 -4.61	42.64 1.58 -3.21	42.79 2.29 -0.69	35.56 2.46 -1.29	42.80 2.65 -9.11
NSINS_S___GLNS_FALLS 23858	35.89 0.94 0.00	36.78 0.95 0.00	34.62 1.01 0.00	30.95 0.87 0.00	27.92 0.83 0.00	30.76 1.02 0.00	35.02 1.06 0.00	36.80 0.98 0.00	30.89 0.47 0.00	31.76 0.23 0.00	28.35 0.10 0.00	28.56 -0.05 0.00	26.29 0.04 0.00	25.87 -0.05 0.00	25.98 0.14 0.00	26.29 0.28 0.00	28.93 0.39 0.00	33.84 0.61 0.00	42.69 1.02 0.00	44.77 1.20 0.00	38.90 1.06 0.00	41.10 1.29 0.00	32.89 1.08 0.00	32.14 1.10 0.00
NUCOR_STEEL___DRP 24197	34.74 -0.21 0.00	35.54 -0.29 0.00	33.31 -0.30 0.00	29.84 -0.24 0.00	26.88 -0.20 0.00	29.57 -0.17 0.00	33.48 -0.20 0.27	35.63 -0.19 0.00	30.28 -0.14 0.00	31.31 -0.21 0.00	27.99 -0.25 0.00	28.29 -0.31 0.00	25.84 -0.41 0.00	25.53 -0.38 0.00	25.41 -0.42 0.00	25.49 -0.52 0.00	27.97 -0.56 0.00	32.68 -0.55 0.00	41.17 -0.51 0.00	43.27 -0.30 0.00	37.59 -0.25 0.00	39.52 -0.29 0.00	31.56 -0.25 0.00	30.78 -0.26 0.00
NUMBER_THREE_WT_PWR 323818	33.95 -1.00 0.00	34.66 -1.17 0.00	32.64 -0.97 0.00	29.09 -0.99 0.00	26.30 -0.78 0.00	29.06 -0.67 0.00	33.61 -0.34 0.00	35.09 -0.73 0.00	29.24 -1.18 0.00	30.17 -1.35 0.00	26.90 -1.35 0.00	27.11 -1.49 0.00	24.89 -1.37 0.00	24.53 -1.38 0.00	24.43 -1.40 0.00	24.58 -1.42 0.00	26.86 -1.67 0.00	31.47 -1.77 0.00	40.09 -1.59 0.00	42.75 -0.82 0.00	37.42 -0.42 0.00	39.08 -0.73 0.00	30.95 -0.86 0.00	29.92 -1.12 0.00
NYISO_LBMP_REFERENCE 24008	34.95 0.00 0.00	35.83 0.00 0.00	33.61 0.00 0.00	30.08 0.00 0.00	27.09 0.00 0.00	29.74 0.00 0.00	33.95 0.00 0.00	35.82 0.00 0.00	30.42 0.00 0.00	31.52 0.00 0.00	28.25 0.00 0.00	28.60 0.00 0.00	26.25 0.00 0.00	25.92 0.00 0.00	25.83 0.00 0.00	26.01 0.00 0.00	28.54 0.00 0.00	33.23 0.00 0.00	41.68 0.00 0.00	43.57 0.00 0.00	37.84 0.00 0.00	39.81 0.00 0.00	31.81 0.00 0.00	31.04 0.00 0.00

NYPA_BRENTWD____GT 24164	37.18 2.23 0.00	38.16 2.33 0.00	35.72 2.11 0.00	31.98 1.90 0.00	32.78 1.92 -3.77	32.27 1.99 -0.55	36.20 1.94 -0.30	39.57 2.10 -1.64	33.76 2.34 -1.00	33.88 2.35 0.00	30.47 2.22 0.00	30.60 2.00 0.00	27.93 1.68 0.00	27.65 1.74 0.00	27.79 1.96 0.00	27.92 1.92 0.00	30.78 2.24 0.00	36.06 2.58 -0.25	48.40 2.76 -3.96	50.23 2.47 -4.19	42.83 2.08 -2.92	42.89 2.46 -0.63	35.42 2.43 -1.19	42.68 2.53 -9.11
NYPA_GOWANUS____GT5 24156	36.87 1.92 0.00	37.67 1.85 0.00	35.25 1.63 0.00	31.54 1.46 0.00	28.53 1.45 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.32 1.90 0.00	33.66 2.13 0.00	30.26 2.02 0.00	30.59 1.98 0.00	28.17 1.91 0.00	27.98 2.07 0.00	27.97 2.14 0.00	28.16 2.16 0.00	30.90 2.36 0.00	35.86 2.62 0.00	44.57 2.89 0.00	46.35 2.77 0.00	40.29 2.45 0.00	42.34 2.53 0.00	33.93 2.13 0.00	33.09 2.06 0.00
NYPA_GOWANUS____GT6 24157	36.87 1.92 0.00	37.67 1.85 0.00	35.25 1.63 0.00	31.54 1.46 0.00	28.53 1.45 0.00	31.21 1.48 0.00	35.87 1.79 -0.13	37.81 1.99 0.00	32.32 1.90 0.00	33.66 2.13 0.00	30.26 2.02 0.00	30.59 1.98 0.00	28.17 1.91 0.00	27.98 2.07 0.00	27.97 2.14 0.00	28.16 2.16 0.00	30.90 2.36 0.00	35.86 2.62 0.00	44.57 2.89 0.00	46.35 2.77 0.00	40.29 2.45 0.00	42.34 2.53 0.00	33.93 2.13 0.00	33.09 2.06 0.00
NYPA_HARLEM__RVR__GT1 24160	36.74 1.79 0.00	37.54 1.72 0.00	35.15 1.53 0.00	31.43 1.35 0.00	28.47 1.39 0.00	31.06 1.32 0.00	35.74 1.66 -0.13	37.67 1.85 0.00	32.23 1.81 0.00	33.54 2.01 0.00	30.12 1.87 0.00	30.44 1.84 0.00	28.06 1.80 0.00	27.92 2.01 0.00	27.83 2.00 0.00	28.01 2.01 0.00	30.73 2.20 0.00	35.66 2.43 0.00	44.31 2.64 0.00	45.97 2.41 0.00	40.02 2.18 0.00	42.03 2.22 0.00	33.75 1.94 0.00	32.86 1.83 0.00
NYPA_HARLEM__RVR__GT2 24161	36.74 1.79 0.00	37.54 1.72 0.00	35.15 1.53 0.00	31.43 1.35 0.00	28.47 1.39 0.00	31.06 1.32 0.00	35.74 1.66 -0.13	37.67 1.85 0.00	32.23 1.81 0.00	33.54 2.01 0.00	30.12 1.87 0.00	30.44 1.84 0.00	28.06 1.80 0.00	27.92 2.01 0.00	27.83 2.00 0.00	28.01 2.01 0.00	30.73 2.20 0.00	35.66 2.43 0.00	44.31 2.64 0.00	45.97 2.41 0.00	40.02 2.18 0.00	42.03 2.22 0.00	33.75 1.94 0.00	32.86 1.83 0.00
NYPA_KENT____GT 24152	36.81 1.86 0.00	37.62 1.79 0.00	35.19 1.58 0.00	31.50 1.42 0.00	28.51 1.42 0.00	31.18 1.44 0.00	35.81 1.74 -0.13	37.76 1.94 0.00	32.29 1.87 0.00	33.61 2.09 0.00	30.24 1.99 0.00	30.55 1.95 0.00	28.14 1.89 0.00	27.95 2.04 0.00	27.94 2.12 0.00	28.13 2.13 0.00	30.86 2.33 0.00	35.81 2.58 0.00	44.50 2.83 0.00	46.23 2.65 0.00	40.19 2.35 0.00	42.24 2.44 0.00	33.88 2.07 0.00	33.03 1.99 0.00
NYPA_POUCH1____GT 24155	36.86 1.92 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.54 1.46 0.00	28.54 1.45 0.00	31.21 1.48 0.00	35.88 1.80 -0.13	37.80 1.98 0.00	32.29 1.87 0.00	33.64 2.11 0.00	30.22 1.97 0.00	30.55 1.95 0.00	28.14 1.88 0.00	27.94 2.03 0.00	27.93 2.10 0.00	28.12 2.12 0.00	30.86 2.33 0.00	35.82 2.59 0.00	44.54 2.87 0.00	46.35 2.78 0.00	40.34 2.50 0.00	42.39 2.58 0.00	33.97 2.16 0.00	33.14 2.10 0.00
NYPA_VERNON____GT2 24162	36.74 1.79 0.00	37.56 1.73 0.00	35.14 1.53 0.00	31.46 1.38 0.00	28.48 1.39 0.00	31.14 1.40 0.00	35.76 1.68 -0.13	37.69 1.87 0.00	32.25 1.82 0.00	33.57 2.04 0.00	30.21 1.96 0.00	30.52 1.92 0.00	28.11 1.85 0.00	27.92 2.00 0.00	27.91 2.08 0.00	28.10 2.09 0.00	30.82 2.28 0.00	35.75 2.52 0.00	44.43 2.76 0.00	46.10 2.53 0.00	40.08 2.24 0.00	42.14 2.33 0.00	33.81 2.01 0.00	32.95 1.92 0.00
NYPA_VERNON____GT3 24163	36.74 1.79 0.00	37.56 1.73 0.00	35.14 1.53 0.00	31.46 1.38 0.00	28.48 1.39 0.00	31.14 1.40 0.00	35.76 1.68 -0.13	37.69 1.87 0.00	32.25 1.82 0.00	33.57 2.04 0.00	30.21 1.96 0.00	30.52 1.92 0.00	28.11 1.85 0.00	27.92 2.00 0.00	27.91 2.08 0.00	28.10 2.09 0.00	30.82 2.28 0.00	35.75 2.52 0.00	44.43 2.76 0.00	46.10 2.53 0.00	40.08 2.24 0.00	42.14 2.33 0.00	33.81 2.01 0.00	32.95 1.92 0.00
NYPA__ASTORIA_CC1 323568	36.71 1.76 0.00	37.52 1.69 0.00	35.11 1.50 0.00	31.44 1.36 0.00	28.46 1.37 0.00	31.11 1.38 0.00	35.72 1.64 -0.13	37.65 1.83 0.00	32.22 1.80 0.00	33.52 2.00 0.00	30.18 1.93 0.00	30.49 1.88 0.00	28.08 1.82 0.00	27.90 1.98 0.00	27.88 2.05 0.00	28.06 2.05 0.00	30.77 2.23 0.00	35.71 2.48 0.00	44.37 2.70 0.00	46.05 2.47 0.00	40.04 2.20 0.00	42.09 2.28 0.00	33.77 1.97 0.00	32.91 1.87 0.00
NYPA__ASTORIA_CC2 323569	36.71 1.76 0.00	37.52 1.69 0.00	35.11 1.50 0.00	31.44 1.36 0.00	28.46 1.37 0.00	31.11 1.38 0.00	35.72 1.64 -0.13	37.65 1.83 0.00	32.22 1.80 0.00	33.52 2.00 0.00	30.18 1.93 0.00	30.49 1.88 0.00	28.08 1.82 0.00	27.90 1.98 0.00	27.88 2.05 0.00	28.06 2.05 0.00	30.77 2.23 0.00	35.71 2.48 0.00	44.37 2.70 0.00	46.05 2.47 0.00	40.04 2.20 0.00	42.09 2.28 0.00	33.77 1.97 0.00	32.91 1.87 0.00
NYPA__HOLTSVILL 23794	36.96 2.00 0.00	38.00 2.17 0.00	35.57 1.95 0.00	31.86 1.78 0.00	32.69 1.83 -3.77	32.17 1.88 -0.55	36.09 1.81 -0.33	39.65 1.94 -1.89	33.65 2.22 -1.00	33.70 2.17 0.00	30.34 2.09 0.00	30.48 1.88 0.00	27.78 1.53 0.00	27.50 1.58 0.00	27.65 1.82 0.00	27.81 1.81 0.00	30.66 2.12 0.00	35.96 2.44 -0.28	48.77 2.55 -4.54	50.53 2.16 -4.80	42.97 1.78 -3.35	42.76 2.23 -0.72	35.45 2.31 -1.34	42.56 2.41 -9.11
NYPA__HELLGATE_GT1 24158	36.74 1.79 0.00	37.54 1.72 0.00	35.15 1.53 0.00	31.43 1.35 0.00	28.47 1.39 0.00	31.06 1.32 0.00	35.74 1.66 -0.13	37.67 1.85 0.00	32.23 1.81 0.00	33.54 2.01 0.00	30.12 1.87 0.00	30.44 1.84 0.00	28.06 1.80 0.00	27.92 2.01 0.00	27.83 2.00 0.00	28.01 2.01 0.00	30.73 2.20 0.00	35.66 2.43 0.00	44.31 2.64 0.00	45.98 2.41 0.00	40.02 2.18 0.00	42.05 2.24 0.00	33.75 1.94 0.00	32.86 1.83 0.00
NYPA__HELLGATE_GT2 24159	36.74 1.79 0.00	37.54 1.72 0.00	35.15 1.53 0.00	31.43 1.35 0.00	28.47 1.39 0.00	31.06 1.32 0.00	35.74 1.66 -0.13	37.67 1.85 0.00	32.23 1.81 0.00	33.54 2.01 0.00	30.12 1.87 0.00	30.44 1.84 0.00	28.06 1.80 0.00	27.92 2.01 0.00	27.83 2.00 0.00	28.01 2.01 0.00	30.73 2.20 0.00	35.66 2.43 0.00	44.31 2.64 0.00	45.98 2.41 0.00	40.02 2.18 0.00	42.05 2.24 0.00	33.75 1.94 0.00	32.86 1.83 0.00
NYS_BARGE__HYD 23848	32.61 -2.34 0.00	32.97 -2.86 0.00	30.93 -2.68 0.00	27.97 -2.11 0.00	25.12 -1.96 0.00	27.42 -2.31 0.00	30.03 -2.99 0.94	32.86 -2.96 0.00	28.35 -2.08 0.00	29.50 -2.03 0.00	26.39 -1.86 0.00	27.21 -1.39 0.00	24.45 -1.81 0.00	24.30 -1.61 0.00	23.71 -2.12 0.00	23.22 -2.79 0.00	25.54 -2.99 0.00	29.77 -3.47 0.00	36.77 -4.90 0.00	38.60 -4.96 0.00	33.59 -4.25 0.00	35.37 -4.44 0.00	28.58 -3.23 0.00	28.35 -2.69 0.00

OAK ORCHARD___HYD 24046	34.38 -0.57 0.00	34.96 -0.86 0.00	32.78 -0.83 0.00	29.48 -0.60 0.00	26.55 -0.54 0.00	29.13 -0.60 0.00	32.59 -0.77 0.60	35.16 -0.66 0.00	30.06 -0.36 0.00	31.18 -0.34 0.00	27.93 -0.32 0.00	28.53 -0.07 0.00	25.87 -0.39 0.00	25.57 -0.34 0.00	25.21 -0.62 0.00	25.01 -1.00 0.00	27.53 -1.01 0.00	32.09 -1.15 0.00	40.10 -1.58 0.00	42.03 -1.54 0.00	36.54 -1.30 0.00	38.41 -1.40 0.00	30.73 -1.07 0.00	30.11 -0.93 0.00
OAKDALE___35_KV_LOAD 356122	34.95 0.00 0.00	35.80 -0.03 0.00	33.52 -0.09 0.00	29.99 -0.09 0.00	26.99 -0.10 0.00	29.65 -0.09 0.00	35.03 -0.15 -1.23	35.71 -0.11 0.00	30.41 -0.01 0.00	31.49 -0.04 0.00	28.21 -0.03 0.00	28.57 -0.03 0.00	26.16 -0.09 0.00	25.88 -0.04 0.00	25.80 -0.03 0.00	25.93 -0.07 0.00	28.47 -0.07 0.00	33.21 -0.02 0.00	41.71 0.04 0.00	43.60 0.03 0.00	37.83 0.00 0.00	39.80 0.00 0.00	31.83 0.02 0.00	31.02 -0.01 0.00
OCC_CHEM___DRP 24175	32.29 -2.67 0.00	32.67 -3.16 0.00	30.66 -2.95 0.00	27.75 -2.33 0.00	24.91 -2.17 0.00	27.18 -2.56 0.00	29.57 -3.38 1.00	32.34 -3.47 0.00	27.94 -2.48 0.00	29.16 -2.37 0.00	26.10 -2.15 0.00	26.90 -1.70 0.00	24.15 -2.10 0.00	24.01 -1.91 0.00	23.41 -2.42 0.00	22.93 -3.07 0.00	25.29 -3.24 0.00	29.52 -3.71 0.00	36.34 -5.33 0.00	38.04 -5.53 0.00	33.07 -4.77 0.00	34.85 -4.96 0.00	28.11 -3.70 0.00	27.85 -3.19 0.00
OH_GEN_PROXY 24063	32.43 -2.52 0.00	32.80 -3.03 0.00	30.77 -2.84 0.00	27.82 -2.26 0.00	24.99 -2.10 0.00	27.28 -2.45 0.00	29.82 -3.15 0.99	32.68 -3.14 0.00	28.20 -2.23 0.00	29.42 -2.11 0.00	26.35 -1.89 0.00	27.14 -1.46 0.00	24.39 -1.87 0.00	24.23 -1.68 0.00	23.67 -2.16 0.00	23.23 -2.78 0.00	25.60 -2.94 0.00	60.35 -3.35 -30.47	36.84 -4.84 0.00	38.55 -5.02 0.00	33.50 -4.34 0.00	35.29 -4.52 0.00	28.46 -3.35 0.00	28.15 -2.89 0.00
OLIN_CORP_DRP 24177	32.16 -2.80 0.00	32.46 -3.36 0.00	30.48 -3.13 0.00	27.58 -2.50 0.00	24.77 -2.32 0.00	27.01 -2.72 0.00	29.47 -3.48 1.00	32.32 -3.51 0.00	27.91 -2.51 0.00	29.09 -2.44 0.00	26.03 -2.22 0.00	26.84 -1.77 0.00	24.10 -2.16 0.00	23.96 -1.95 0.00	23.36 -2.47 0.00	22.82 -3.19 0.00	25.11 -3.43 0.00	29.30 -3.94 0.00	36.09 -5.58 0.00	37.84 -5.73 0.00	32.90 -4.94 0.00	34.67 -5.14 0.00	28.06 -3.75 0.00	27.91 -3.12 0.00
OLIN_CORP_DSASP 323712	32.29 -2.67 0.00	32.67 -3.16 0.00	30.66 -2.95 0.00	27.75 -2.33 0.00	24.91 -2.17 0.00	27.18 -2.56 0.00	29.57 -3.38 1.00	32.34 -3.47 0.00	27.94 -2.48 0.00	29.16 -2.37 0.00	26.10 -2.15 0.00	26.90 -1.70 0.00	24.15 -2.10 0.00	24.01 -1.91 0.00	23.41 -2.42 0.00	22.93 -3.07 0.00	25.29 -3.24 0.00	29.52 -3.71 0.00	36.34 -5.33 0.00	38.04 -5.53 0.00	33.07 -4.77 0.00	34.85 -4.96 0.00	28.11 -3.70 0.00	27.85 -3.19 0.00
ONEIDA_HERK_LFGE 323681	34.95 0.00 0.00	35.74 -0.08 0.00	33.58 -0.03 0.00	29.99 -0.09 0.00	27.08 -0.01 0.00	29.86 0.13 0.00	34.37 0.42 0.00	36.02 0.20 0.00	30.20 -0.22 0.00	31.09 -0.44 0.00	27.66 -0.58 0.00	27.92 -0.69 0.00	25.61 -0.64 0.00	25.25 -0.66 0.00	25.17 -0.66 0.00	25.35 -0.66 0.00	27.79 -0.74 0.00	32.58 -0.65 0.00	41.49 -0.18 0.00	43.92 0.35 0.00	38.31 0.47 0.00	40.16 0.35 0.00	31.88 0.08 0.00	30.93 -0.11 0.00
ONEIDA___115KV_TB4 55905	35.51 0.55 0.00	36.35 0.52 0.00	34.08 0.47 0.00	30.50 0.42 0.00	27.50 0.41 0.00	30.26 0.52 0.00	34.65 0.70 0.00	36.47 0.65 0.00	30.77 0.35 0.00	31.71 0.18 0.00	28.20 -0.05 0.00	28.48 -0.12 0.00	26.12 -0.14 0.00	25.78 -0.14 0.00	25.70 -0.12 0.00	25.88 -0.13 0.00	28.42 -0.12 0.00	33.26 0.02 0.00	42.21 0.53 0.00	44.41 0.84 0.00	38.66 0.82 0.00	40.63 0.83 0.00	32.37 0.57 0.00	31.50 0.46 0.00
ONONDAGA_REF_OCCRA 23987	34.57 -0.39 0.00	35.39 -0.44 0.00	33.18 -0.44 0.00	29.70 -0.38 0.00	26.76 -0.32 0.00	29.41 -0.32 0.00	33.59 -0.36 0.00	35.47 -0.35 0.00	30.15 -0.27 0.00	31.19 -0.34 0.00	27.90 -0.35 0.00	28.24 -0.36 0.00	25.87 -0.38 0.00	25.55 -0.36 0.00	25.46 -0.37 0.00	25.58 -0.43 0.00	28.08 -0.46 0.00	32.73 -0.50 0.00	41.16 -0.51 0.00	43.12 -0.45 0.00	37.46 -0.38 0.00	39.39 -0.42 0.00	31.46 -0.35 0.00	30.68 -0.35 0.00
ONONDAGA___COGEN 23986	34.48 -0.47 0.00	35.30 -0.53 0.00	33.09 -0.52 0.00	29.63 -0.45 0.00	26.71 -0.38 0.00	29.35 -0.38 0.00	33.34 -0.44 0.17	35.38 -0.44 0.00	30.07 -0.35 0.00	31.11 -0.41 0.00	27.85 -0.40 0.00	28.18 -0.42 0.00	25.81 -0.45 0.00	25.48 -0.43 0.00	25.38 -0.45 0.00	25.50 -0.50 0.00	27.99 -0.55 0.00	32.65 -0.58 0.00	41.04 -0.64 0.00	43.00 -0.57 0.00	37.35 -0.49 0.00	39.27 -0.54 0.00	31.37 -0.44 0.00	30.61 -0.43 0.00
ONTARIO___LFGE 23819	34.75 -0.20 0.00	35.44 -0.39 0.00	33.13 -0.48 0.00	29.76 -0.32 0.00	26.78 -0.31 0.00	29.48 -0.26 0.00	32.73 -0.39 0.83	35.52 -0.30 0.00	30.34 -0.08 0.00	31.34 -0.18 0.00	28.08 -0.16 0.00	28.41 -0.20 0.00	25.77 -0.48 0.00	25.50 -0.41 0.00	25.31 -0.52 0.00	25.28 -0.73 0.00	27.77 -0.77 0.00	32.58 -0.65 0.00	40.97 -0.71 0.00	43.11 -0.46 0.00	37.41 -0.42 0.00	39.22 -0.59 0.00	31.33 -0.48 0.00	30.53 -0.51 0.00
ORANGEVILLE_WT_PWR 323706	33.24 -1.71 0.00	33.69 -2.14 0.00	31.50 -2.11 0.00	28.38 -1.70 0.00	25.32 -1.77 0.00	27.63 -2.11 0.00	29.78 -2.79 1.39	33.08 -2.74 0.00	28.54 -1.89 0.00	29.51 -2.02 0.00	26.63 -1.62 0.00	27.48 -1.13 0.00	24.79 -1.47 0.00	24.67 -1.24 0.00	24.24 -1.59 0.00	23.95 -2.06 0.00	26.28 -2.26 0.00	30.54 -2.69 0.00	38.06 -3.62 0.00	39.90 -3.68 0.00	34.52 -3.32 0.00	36.16 -3.65 0.00	28.93 -2.87 0.00	28.37 -2.66 0.00
ORANGEVILLE___ESR 323794	33.24 -1.71 0.00	33.69 -2.14 0.00	31.50 -2.11 0.00	28.38 -1.70 0.00	25.32 -1.77 0.00	27.63 -2.11 0.00	29.78 -2.79 1.39	33.08 -2.74 0.00	28.54 -1.89 0.00	29.51 -2.02 0.00	26.63 -1.62 0.00	27.48 -1.13 0.00	24.79 -1.47 0.00	24.67 -1.24 0.00	24.24 -1.59 0.00	23.95 -2.06 0.00	26.28 -2.26 0.00	30.54 -2.69 0.00	38.06 -3.62 0.00	39.90 -3.68 0.00	34.52 -3.32 0.00	36.16 -3.65 0.00	28.93 -2.87 0.00	28.37 -2.66 0.00
OSWEGATCHIE___HYD 24044	33.58 -1.37 0.00	34.29 -1.53 0.00	32.28 -1.33 0.00	28.83 -1.25 0.00	26.05 -1.04 0.00	28.72 -1.01 0.00	33.11 -0.84 0.00	34.62 -1.20 0.00	28.94 -1.48 0.00	29.89 -1.64 0.00	26.65 -1.60 0.00	26.93 -1.68 0.00	24.71 -1.54 0.00	24.34 -1.57 0.00	24.21 -1.62 0.00	24.40 -1.61 0.00	26.72 -1.82 0.00	31.29 -1.94 0.00	39.69 -1.99 0.00	42.11 -1.46 0.00	36.82 -1.02 0.00	38.48 -1.33 0.00	30.52 -1.29 0.00	29.58 -1.46 0.00
OSWEGO___5 23606	33.96 -0.99 0.00	34.78 -1.05 0.00	32.62 -0.99 0.00	29.21 -0.87 0.00	26.32 -0.77 0.00	28.89 -0.84 0.00	32.98 -0.97 0.00	34.81 -1.01 0.00	29.60 -0.82 0.00	30.65 -0.87 0.00	27.49 -0.76 0.00	27.85 -0.76 0.00	25.53 -0.73 0.00	25.20 -0.71 0.00	25.10 -0.73 0.00	25.21 -0.80 0.00	27.63 -0.90 0.00	32.17 -1.07 0.00	40.38 -1.29 0.00	42.26 -1.31 0.00	36.72 -1.13 0.00	38.61 -1.20 0.00	30.86 -0.95 0.00	30.12 -0.92 0.00

OSWEGO___6 23613	33.96 -0.99 0.00	34.78 -1.05 0.00	32.62 -0.99 0.00	29.21 -0.87 0.00	26.32 -0.77 0.00	28.89 -0.84 0.00	32.98 -0.97 0.00	34.81 -1.01 0.00	29.60 -0.82 0.00	30.65 -0.87 0.00	27.49 -0.76 0.00	27.85 -0.76 0.00	25.53 -0.73 0.00	25.20 -0.71 0.00	25.10 -0.73 0.00	25.21 -0.80 0.00	27.63 -0.90 0.00	32.17 -1.07 0.00	40.38 -1.29 0.00	42.26 -1.31 0.00	36.72 -1.13 0.00	38.61 -1.20 0.00	30.86 -0.95 0.00	30.12 -0.92 0.00
OUTOKUMPU-AB___DRP 24206	32.96 -1.99 0.00	33.32 -2.51 0.00	31.22 -2.39 0.00	28.24 -1.84 0.00	25.33 -1.75 0.00	27.67 -2.07 0.00	30.18 -2.75 1.02	33.10 -2.72 0.00	28.58 -1.84 0.00	29.79 -1.74 0.00	26.67 -1.58 0.00	27.49 -1.12 0.00	24.69 -1.56 0.00	24.56 -1.36 0.00	23.95 -1.88 0.00	23.49 -2.52 0.00	25.87 -2.67 0.00	30.19 -3.04 0.00	37.28 -4.40 0.00	39.06 -4.52 0.00	33.95 -3.89 0.00	35.74 -4.07 0.00	28.81 -3.00 0.00	28.51 -2.53 0.00
OXBOW___BTM 323836	32.66 -2.29 0.00	33.08 -2.75 0.00	31.01 -2.60 0.00	28.05 -2.03 0.00	25.19 -1.90 0.00	27.49 -2.24 0.00	29.95 -2.99 1.01	32.80 -3.01 0.00	28.33 -2.09 0.00	29.54 -1.99 0.00	26.46 -1.79 0.00	27.27 -1.34 0.00	24.48 -1.77 0.00	24.34 -1.57 0.00	23.75 -2.08 0.00	23.27 -2.74 0.00	25.65 -2.89 0.00	29.94 -3.30 0.00	36.89 -4.79 0.00	38.65 -4.92 0.00	33.60 -4.24 0.00	35.39 -4.42 0.00	28.53 -3.27 0.00	28.26 -2.78 0.00
OXBOW___ 24026	32.69 -2.26 0.00	33.08 -2.75 0.00	31.01 -2.60 0.00	28.06 -2.02 0.00	25.18 -1.91 0.00	27.49 -2.25 0.00	29.95 -2.99 1.01	32.81 -3.01 0.00	28.33 -2.09 0.00	29.55 -1.98 0.00	26.46 -1.79 0.00	27.26 -1.34 0.00	24.48 -1.77 0.00	24.35 -1.57 0.00	23.75 -2.08 0.00	23.27 -2.74 0.00	25.64 -2.89 0.00	29.93 -3.30 0.00	36.90 -4.77 0.00	38.65 -4.92 0.00	33.61 -4.23 0.00	35.39 -4.42 0.00	28.54 -3.27 0.00	28.25 -2.79 0.00
OXY_CHEM_DSASP 323612	32.29 -2.67 0.00	32.67 -3.16 0.00	30.66 -2.95 0.00	27.75 -2.33 0.00	24.91 -2.17 0.00	27.18 -2.56 0.00	29.57 -3.38 1.00	32.34 -3.47 0.00	27.94 -2.48 0.00	29.16 -2.37 0.00	26.10 -2.15 0.00	26.90 -1.70 0.00	24.15 -2.10 0.00	24.01 -1.91 0.00	23.41 -2.42 0.00	22.93 -3.07 0.00	25.29 -3.24 0.00	29.52 -3.71 0.00	36.34 -5.33 0.00	38.04 -5.53 0.00	33.07 -4.77 0.00	34.85 -4.96 0.00	28.11 -3.70 0.00	27.85 -3.19 0.00
OZONE_PARK_ESR 323760	36.99 2.04 0.00	37.79 1.96 0.00	35.33 1.72 0.00	31.62 1.54 0.00	28.62 1.53 0.00	31.33 1.59 0.00	35.98 1.90 -0.13	37.95 2.13 0.00	32.45 2.02 0.00	33.76 2.23 0.00	30.37 2.12 0.00	30.69 2.09 0.00	28.26 2.00 0.00	28.04 2.13 0.00	28.06 2.23 0.00	28.25 2.25 0.00	31.01 2.48 0.00	35.99 2.76 0.00	44.77 3.09 0.00	46.53 2.96 0.00	40.46 2.62 0.00	42.51 2.70 0.00	34.07 2.26 0.00	33.19 2.16 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.29 -2.67 0.00	32.67 -3.16 0.00	30.66 -2.95 0.00	27.75 -2.33 0.00	24.91 -2.17 0.00	27.18 -2.56 0.00	29.57 -3.38 1.00	32.34 -3.47 0.00	27.94 -2.48 0.00	29.16 -2.37 0.00	26.10 -2.15 0.00	26.90 -1.70 0.00	24.15 -2.10 0.00	24.01 -1.91 0.00	23.41 -2.42 0.00	22.93 -3.07 0.00	25.29 -3.24 0.00	29.52 -3.71 0.00	36.34 -5.33 0.00	38.04 -5.53 0.00	33.07 -4.77 0.00	34.85 -4.96 0.00	28.11 -3.70 0.00	27.85 -3.19 0.00
PACKARD___115KV_DUPONT_184 80571	32.26 -2.69 0.00	32.67 -3.16 0.00	30.66 -2.95 0.00	27.75 -2.33 0.00	24.92 -2.17 0.00	27.18 -2.56 0.00	29.57 -3.39 1.00	32.34 -3.48 0.00	27.94 -2.48 0.00	29.14 -2.38 0.00	26.10 -2.15 0.00	26.91 -1.70 0.00	24.16 -2.10 0.00	24.01 -1.91 0.00	23.42 -2.42 0.00	22.93 -3.08 0.00	25.30 -3.24 0.00	29.52 -3.71 0.00	36.33 -5.35 0.00	38.03 -5.54 0.00	33.06 -4.77 0.00	34.84 -4.97 0.00	28.11 -3.69 0.00	27.85 -3.19 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.76 1.81 0.00	37.60 1.77 0.00	35.19 1.58 0.00	31.47 1.39 0.00	28.50 1.41 0.00	31.10 1.36 0.00	35.79 1.71 -0.13	37.71 1.89 0.00	32.26 1.84 0.00	33.56 2.04 0.00	30.16 1.91 0.00	30.48 1.87 0.00	28.08 1.82 0.00	27.90 1.99 0.00	27.84 2.02 0.00	28.05 2.04 0.00	30.77 2.24 0.00	35.71 2.47 0.00	44.39 2.71 0.00	46.12 2.55 0.00	40.13 2.29 0.00	42.16 2.35 0.00	33.83 2.02 0.00	32.95 1.91 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.57 2.62 0.00	38.41 2.58 0.00	35.96 2.35 0.00	32.19 2.11 0.00	29.15 2.06 0.00	31.85 2.11 0.00	36.68 2.60 -0.13	38.61 2.80 0.00	32.98 2.56 0.00	34.35 2.82 0.00	30.77 2.52 0.00	31.09 2.49 0.00	28.64 2.38 0.00	28.44 2.53 0.00	28.36 2.53 0.00	28.62 2.61 0.00	31.37 2.84 0.00	36.42 3.19 0.00	45.28 3.60 0.00	47.06 3.49 0.00	40.98 3.15 0.00	43.05 3.24 0.00	34.54 2.73 0.00	33.67 2.63 0.00
PATROON___115KV_TB1 80586	35.86 0.91 0.00	36.84 1.01 0.00	34.60 0.99 0.00	30.90 0.82 0.00	27.83 0.75 0.00	30.54 0.81 0.00	34.81 0.86 0.00	36.69 0.87 0.00	31.10 0.68 0.00	32.26 0.73 0.00	28.91 0.66 0.00	29.21 0.61 0.00	26.93 0.68 0.00	26.55 0.64 0.00	26.59 0.76 0.00	26.83 0.82 0.00	29.34 0.80 0.00	34.10 0.87 0.00	42.72 1.04 0.00	44.53 0.96 0.00	38.70 0.86 0.00	40.75 0.94 0.00	32.68 0.88 0.00	31.87 0.83 0.00
PATRSNVILLE___SOLAR 323815	35.97 1.01 0.00	36.90 1.08 0.00	34.62 1.01 0.00	30.96 0.88 0.00	27.89 0.80 0.00	30.63 0.90 0.00	34.96 1.01 0.00	36.62 0.80 0.00	30.82 0.40 0.00	31.84 0.32 0.00	28.52 0.28 0.00	28.86 0.26 0.00	26.52 0.27 0.00	26.17 0.25 0.00	26.14 0.31 0.00	26.36 0.36 0.00	29.02 0.48 0.00	33.77 0.54 0.00	42.55 0.87 0.00	44.91 1.34 0.00	39.14 1.30 0.00	41.19 1.38 0.00	32.90 1.09 0.00	32.07 1.04 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.03 -1.92 0.00	33.39 -2.44 0.00	31.24 -2.37 0.00	28.24 -1.84 0.00	25.30 -1.78 0.00	27.66 -2.07 0.00	30.13 -2.67 1.15	33.23 -2.59 0.00	28.67 -1.75 0.00	29.86 -1.67 0.00	26.79 -1.46 0.00	27.60 -1.01 0.00	24.79 -1.46 0.00	24.70 -1.21 0.00	24.11 -1.73 0.00	23.70 -2.31 0.00	26.07 -2.47 0.00	30.47 -2.77 0.00	37.67 -4.01 0.00	39.43 -4.14 0.00	34.26 -3.58 0.00	36.00 -3.81 0.00	28.95 -2.86 0.00	28.54 -2.50 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.74 1.79 0.00	37.59 1.76 0.00	35.16 1.55 0.00	31.45 1.37 0.00	28.46 1.38 0.00	31.17 1.44 0.00	35.76 1.68 -0.12	37.71 1.89 0.00	32.21 1.79 0.00	33.44 1.92 0.00	30.02 1.77 0.00	30.30 1.70 0.00	27.90 1.64 0.00	27.64 1.72 0.00	27.67 1.84 0.00	27.87 1.87 0.00	30.60 2.06 0.00	35.58 2.35 0.00	44.38 2.71 0.00	46.22 2.65 0.00	40.14 2.31 0.00	42.21 2.40 0.00	33.79 1.99 0.00	32.93 1.89 0.00
PEEKSKILL___ 23653	36.49 1.54 0.00	37.31 1.48 0.00	34.89 1.28 0.00	31.21 1.13 0.00	28.24 1.15 0.00	30.92 1.18 0.00	35.47 1.39 -0.13	37.36 1.54 0.00	31.90 1.48 0.00	33.18 1.66 0.00	29.82 1.57 0.00	30.14 1.54 0.00	27.76 1.50 0.00	27.52 1.61 0.00	27.54 1.71 0.00	27.74 1.73 0.00	30.45 1.91 0.00	35.35 2.13 0.00	44.06 2.39 0.00	45.86 2.29 0.00	39.82 1.98 0.00	41.87 2.06 0.00	33.55 1.75 0.00	32.72 1.68 0.00

PGE MADISON___WINDPWR 24146	37.32 2.37 0.00	38.13 2.31 0.00	35.65 2.04 0.00	31.90 1.81 0.00	28.75 1.66 0.00	31.77 2.04 0.00	36.65 2.50 -0.20	38.36 2.54 0.00	32.18 1.76 0.00	32.78 1.26 0.00	28.76 0.51 0.00	28.83 0.23 0.00	26.34 0.09 0.00	26.07 0.16 0.00	26.01 0.18 0.00	26.20 0.20 0.00	28.94 0.40 0.00	34.19 0.96 0.00	44.33 2.66 0.00	46.88 3.31 0.00	40.70 2.86 0.00	42.76 2.95 0.00	34.06 2.25 0.00	32.73 1.69 0.00
PIERCEFIELD___HYD 23852	33.93 -1.03 0.00	34.69 -1.13 0.00	32.61 -1.00 0.00	29.21 -0.87 0.00	26.33 -0.76 0.00	28.97 -0.77 0.00	33.28 -0.67 0.00	34.91 -0.91 0.00	29.37 -1.05 0.00	30.36 -1.17 0.00	27.08 -1.17 0.00	27.42 -1.18 0.00	25.14 -1.11 0.00	24.76 -1.16 0.00	24.61 -1.22 0.00	24.82 -1.19 0.00	27.27 -1.27 0.00	31.93 -1.31 0.00	40.23 -1.44 0.00	42.40 -1.17 0.00	36.96 -0.88 0.00	38.73 -1.08 0.00	30.78 -1.03 0.00	29.95 -1.09 0.00
PINELAWN_CC_1 323563	37.07 2.12 0.00	38.02 2.19 0.00	35.58 1.97 0.00	31.85 1.77 0.00	32.65 1.80 -3.77	32.15 1.86 -0.55	35.95 1.84 -0.16	38.15 2.01 -0.33	33.64 2.21 -1.00	33.74 2.21 0.00	30.35 2.10 0.00	30.48 1.87 0.00	27.86 1.60 0.00	27.59 1.67 0.00	27.71 1.88 0.00	27.86 1.85 0.00	30.68 2.14 0.00	35.78 2.50 -0.05	45.12 2.66 -0.78	46.82 2.42 -0.83	40.46 2.04 -0.58	42.30 2.37 -0.12	34.51 2.31 -0.39	42.54 2.39 -9.11
PJM_GEN_HTP_PROXY 323702	36.70 1.74 0.00	37.50 1.68 0.00	35.07 1.45 0.00	31.39 1.31 0.00	28.41 1.32 0.00	32.45 1.36 -1.35	35.70 1.62 -0.13	37.62 1.80 0.00	34.17 1.74 -2.01	33.48 1.96 0.00	30.11 1.87 0.00	30.44 1.83 0.00	28.03 1.77 0.00	27.83 1.91 0.00	27.84 2.01 0.00	28.02 2.02 0.00	30.76 2.22 0.00	35.68 2.45 0.00	44.39 2.72 0.00	46.12 2.55 0.00	40.07 2.23 0.00	42.13 2.32 0.00	33.77 1.96 0.00	32.91 1.88 0.00
PJM_GEN_KEystone 24065	34.74 -0.21 0.00	35.38 -0.45 0.00	29.57 -0.56 3.48	29.68 -0.40 0.00	25.89 -0.34 0.86	30.68 -0.40 -1.35	32.80 -0.59 0.56	35.31 -0.51 0.00	29.54 -0.15 0.73	31.54 0.02 0.00	28.35 0.11 0.00	28.90 0.29 0.00	26.35 0.10 0.00	26.18 0.27 0.00	26.02 0.19 0.00	26.01 0.00 0.00	28.57 0.03 0.00	33.25 0.02 0.00	41.33 -0.35 0.00	43.14 -0.43 0.00	37.43 -0.41 0.00	39.31 -0.50 0.00	31.54 -0.27 0.00	30.85 -0.19 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.77 1.82 0.00	37.73 1.90 0.00	35.32 1.70 0.00	31.61 1.53 0.00	30.29 1.56 -1.64	32.92 1.59 -1.59	35.64 1.56 -0.13	37.50 1.69 0.00	34.79 1.93 -2.44	33.54 2.02 0.00	30.18 1.93 0.00	30.35 1.75 0.00	27.79 1.54 0.00	27.53 1.62 0.00	27.65 1.82 0.00	27.78 1.77 0.00	30.54 2.01 0.00	35.53 2.30 0.00	44.07 2.39 0.00	45.70 2.13 0.00	39.63 1.79 0.00	41.86 2.05 0.00	33.92 2.03 -0.08	37.11 2.11 -3.96
PJM_GEN_VFT_PROXY 323633	36.62 1.67 0.00	37.42 1.59 0.00	34.99 1.38 0.00	31.31 1.23 0.00	28.34 1.25 0.00	32.36 1.27 -1.35	35.62 1.54 -0.13	37.52 1.70 0.00	34.09 1.66 -2.01	33.41 1.89 0.00	30.06 1.81 0.00	30.39 1.79 0.00	27.97 1.72 0.00	27.79 1.87 0.00	27.80 1.97 0.00	27.99 1.98 0.00	30.71 2.17 0.00	35.63 2.40 0.00	44.32 2.65 0.00	46.06 2.49 0.00	40.01 2.18 0.00	42.05 2.25 0.00	33.71 1.90 0.00	32.86 1.82 0.00
PLATSBURG_115KV_PMLD1 355749	35.39 0.44 0.00	36.30 0.47 0.00	34.15 0.54 0.00	30.57 0.49 0.00	27.54 0.46 0.00	30.30 0.56 0.00	34.61 0.66 0.00	36.44 0.62 0.00	30.88 0.46 0.00	31.96 0.43 0.00	28.51 0.26 0.00	28.82 0.22 0.00	26.50 0.25 0.00	26.08 0.17 0.00	25.99 0.16 0.00	26.22 0.21 0.00	28.80 0.27 0.00	33.65 0.42 0.00	42.23 0.55 0.00	44.17 0.60 0.00	38.30 0.46 0.00	40.20 0.39 0.00	31.88 0.07 0.00	31.03 -0.01 0.00
PLEASANTVLY___LBMP 24000	36.33 1.38 0.00	37.19 1.36 0.00	34.81 1.20 0.00	31.14 1.06 0.00	28.17 1.09 0.00	30.83 1.10 0.00	35.19 1.24 0.00	37.21 1.39 0.00	31.74 1.32 0.00	32.97 1.44 0.00	29.64 1.39 0.00	29.94 1.34 0.00	27.60 1.34 0.00	27.33 1.41 0.00	27.35 1.52 0.00	27.56 1.56 0.00	30.23 1.69 0.00	35.10 1.86 0.00	43.77 2.09 0.00	45.57 2.00 0.00	39.58 1.75 0.00	41.66 1.85 0.00	33.37 1.56 0.00	32.53 1.50 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.63 1.67 0.00	37.46 1.63 0.00	35.04 1.43 0.00	31.35 1.27 0.00	28.37 1.29 0.00	31.06 1.33 0.00	35.62 1.54 -0.13	37.55 1.73 0.00	32.08 1.66 0.00	33.36 1.84 0.00	29.99 1.74 0.00	30.31 1.71 0.00	27.90 1.65 0.00	27.67 1.76 0.00	27.70 1.86 0.00	27.89 1.88 0.00	30.60 2.06 0.00	35.54 2.31 0.00	44.27 2.60 0.00	46.03 2.46 0.00	39.98 2.15 0.00	42.05 2.25 0.00	33.71 1.90 0.00	32.86 1.82 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.63 1.67 0.00	37.46 1.63 0.00	35.04 1.43 0.00	31.35 1.27 0.00	28.37 1.29 0.00	31.06 1.33 0.00	35.62 1.54 -0.13	37.55 1.73 0.00	32.08 1.66 0.00	33.36 1.84 0.00	29.99 1.74 0.00	30.31 1.71 0.00	27.90 1.65 0.00	27.67 1.76 0.00	27.70 1.86 0.00	27.89 1.88 0.00	30.60 2.06 0.00	35.54 2.31 0.00	44.27 2.60 0.00	46.03 2.46 0.00	39.98 2.15 0.00	42.05 2.25 0.00	33.71 1.90 0.00	32.86 1.82 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.62 1.67 0.00	37.49 1.66 0.00	35.10 1.49 0.00	31.39 1.31 0.00	28.39 1.30 0.00	31.10 1.36 0.00	35.52 1.57 0.00	37.57 1.75 0.00	32.03 1.61 0.00	33.22 1.70 0.00	29.79 1.54 0.00	30.08 1.48 0.00	27.70 1.45 0.00	27.42 1.51 0.00	27.46 1.63 0.00	27.66 1.65 0.00	30.37 1.83 0.00	35.33 2.10 0.00	44.13 2.46 0.00	45.99 2.42 0.00	39.95 2.11 0.00	42.03 2.22 0.00	33.64 1.84 0.00	32.79 1.76 0.00
POLETTI___ 23519	36.65 1.70 0.00	37.47 1.64 0.00	35.04 1.43 0.00	31.36 1.28 0.00	28.40 1.31 0.00	31.07 1.34 0.00	35.66 1.58 -0.13	37.59 1.77 0.00	32.14 1.72 0.00	33.45 1.93 0.00	30.10 1.85 0.00	30.42 1.81 0.00	28.01 1.76 0.00	27.81 1.90 0.00	27.83 2.00 0.00	28.02 2.01 0.00	30.73 2.20 0.00	35.66 2.43 0.00	44.35 2.68 0.00	46.08 2.51 0.00	40.04 2.21 0.00	42.10 2.29 0.00	33.75 1.94 0.00	32.90 1.86 0.00
POMONA___ESR 323819	36.55 1.60 0.00	37.37 1.54 0.00	34.94 1.33 0.00	31.26 1.17 0.00	28.25 1.17 0.00	30.94 1.21 0.00	35.51 1.43 -0.13	37.39 1.57 0.00	31.93 1.51 0.00	33.21 1.68 0.00	29.84 1.59 0.00	30.18 1.58 0.00	27.79 1.53 0.00	27.54 1.63 0.00	27.57 1.74 0.00	27.78 1.77 0.00	30.51 1.97 0.00	35.44 2.20 0.00	44.18 2.51 0.00	46.00 2.43 0.00	39.93 2.09 0.00	41.96 2.15 0.00	33.61 1.80 0.00	32.77 1.74 0.00
PORT_JEFF_3 23555	37.03 2.08 0.00	38.07 2.24 0.00	35.63 2.02 0.00	31.93 1.84 0.00	32.74 1.88 -3.77	32.23 1.95 -0.55	36.15 1.88 -0.32	39.63 2.04 -1.78	33.72 2.29 -1.00	33.76 2.23 0.00	30.39 2.14 0.00	30.54 1.93 0.00	27.83 1.57 0.00	27.53 1.62 0.00	27.69 1.86 0.00	27.86 1.85 0.00	30.71 2.18 0.00	36.01 2.52 -0.27	48.61 2.66 -4.27	50.35 2.27 -4.52	42.86 1.87 -3.15	42.81 2.33 -0.68	35.46 2.38 -1.27	42.64 2.49 -9.11

PORT_JEFF_4 23616	37.03 2.08 0.00	38.07 2.24 0.00	35.63 2.02 0.00	31.93 1.84 0.00	32.74 1.88 -3.77	32.23 1.95 -0.55	36.15 1.88 -0.32	39.63 2.04 -1.78	33.72 2.29 -1.00	33.76 2.23 0.00	30.39 2.14 0.00	30.54 1.93 0.00	27.83 1.57 0.00	27.53 1.62 0.00	27.69 1.86 0.00	27.86 1.85 0.00	30.71 2.18 0.00	36.01 2.52 -0.27	48.61 2.66 -4.27	50.35 2.27 -4.52	42.86 1.87 -3.15	42.81 2.33 -0.68	35.46 2.38 -1.27	42.64 2.49 -9.11
PORT_JEFF_IC 23713	37.04 2.09 0.00	38.10 2.27 0.00	35.66 2.05 0.00	31.94 1.86 0.00	32.76 1.90 -3.77	32.25 1.97 -0.55	36.14 1.91 -0.28	39.34 2.06 -1.46	33.74 2.31 -1.00	33.76 2.24 0.00	30.40 2.15 0.00	30.55 1.94 0.00	27.82 1.57 0.00	27.53 1.61 0.00	27.69 1.86 0.00	27.86 1.86 0.00	30.72 2.18 0.00	35.99 2.54 -0.22	47.89 2.69 -3.53	49.59 2.29 -3.73	42.33 1.90 -2.60	42.72 2.35 -0.56	35.29 2.41 -1.08	42.67 2.52 -9.11
PPL_PILGRIM_ST_GT1 24216	37.18 2.23 0.00	38.16 2.33 0.00	35.72 2.11 0.00	31.98 1.90 0.00	32.78 1.92 -3.77	32.27 1.99 -0.55	36.20 1.94 -0.30	39.57 2.10 -1.64	33.76 2.34 -1.00	33.88 2.35 0.00	30.47 2.22 0.00	30.60 2.00 0.00	27.93 1.68 0.00	27.65 1.74 0.00	27.79 1.96 0.00	27.92 1.92 0.00	30.78 2.24 0.00	36.06 2.58 -0.25	48.40 2.76 -3.96	50.23 2.47 -4.19	42.83 2.08 -2.92	42.89 2.46 -0.63	35.42 2.43 -1.19	42.68 2.53 -9.11
PPL_PILGRIM_ST_GT2 24217	37.18 2.23 0.00	38.16 2.33 0.00	35.72 2.11 0.00	31.98 1.90 0.00	32.78 1.92 -3.77	32.27 1.99 -0.55	36.20 1.94 -0.30	39.57 2.10 -1.64	33.76 2.34 -1.00	33.88 2.35 0.00	30.47 2.22 0.00	30.60 2.00 0.00	27.93 1.68 0.00	27.65 1.74 0.00	27.79 1.96 0.00	27.92 1.92 0.00	30.78 2.24 0.00	36.06 2.58 -0.25	48.40 2.76 -3.96	50.23 2.47 -4.19	42.83 2.08 -2.92	42.89 2.46 -0.63	35.42 2.43 -1.19	42.68 2.53 -9.11
PPL_SHRM_GT3 24213	36.99 2.04 0.00	38.28 2.46 0.00	35.85 2.24 0.00	32.13 2.05 0.00	32.98 2.12 -3.77	32.54 2.26 -0.55	36.51 2.25 -0.31	39.95 2.44 -1.69	33.86 2.43 -1.00	33.61 2.09 0.00	30.46 2.21 0.00	30.54 1.94 0.00	27.75 1.50 0.00	27.39 1.48 0.00	27.65 1.82 0.00	27.93 1.92 0.00	30.83 2.30 0.00	36.18 2.70 -0.25	48.50 2.73 -4.10	49.98 2.08 -4.33	42.47 1.61 -3.02	42.77 2.31 -0.65	35.50 2.47 -1.22	42.80 2.65 -9.11
PPL_SHRM_GT4 24214	36.99 2.04 0.00	38.28 2.46 0.00	35.85 2.24 0.00	32.13 2.05 0.00	32.98 2.12 -3.77	32.54 2.26 -0.55	36.51 2.25 -0.31	39.95 2.44 -1.69	33.86 2.43 -1.00	33.61 2.09 0.00	30.46 2.21 0.00	30.54 1.94 0.00	27.75 1.50 0.00	27.39 1.48 0.00	27.65 1.82 0.00	27.93 1.92 0.00	30.83 2.30 0.00	36.18 2.70 -0.25	48.50 2.73 -4.10	49.98 2.08 -4.33	42.47 1.61 -3.02	42.77 2.31 -0.65	35.50 2.47 -1.22	42.80 2.65 -9.11
PROJECT___ORANGE 1 24174	34.36 -0.59 0.00	35.18 -0.65 0.00	32.98 -0.63 0.00	29.54 -0.54 0.00	26.62 -0.47 0.00	29.23 -0.50 0.00	33.38 -0.57 0.00	35.25 -0.57 0.00	29.98 -0.44 0.00	31.05 -0.47 0.00	27.81 -0.44 0.00	28.16 -0.45 0.00	25.80 -0.45 0.00	25.48 -0.43 0.00	25.38 -0.46 0.00	25.50 -0.51 0.00	27.97 -0.57 0.00	32.59 -0.64 0.00	40.92 -0.76 0.00	42.82 -0.75 0.00	37.20 -0.64 0.00	39.11 -0.70 0.00	31.25 -0.56 0.00	30.48 -0.55 0.00
PROJECT___ORANGE 2 24166	34.36 -0.59 0.00	35.18 -0.65 0.00	32.98 -0.63 0.00	29.54 -0.54 0.00	26.62 -0.47 0.00	29.23 -0.50 0.00	33.38 -0.57 0.00	35.25 -0.57 0.00	29.98 -0.44 0.00	31.05 -0.47 0.00	27.81 -0.44 0.00	28.16 -0.45 0.00	25.80 -0.45 0.00	25.48 -0.43 0.00	25.38 -0.46 0.00	25.50 -0.51 0.00	27.97 -0.57 0.00	32.59 -0.64 0.00	40.92 -0.76 0.00	42.82 -0.75 0.00	37.20 -0.64 0.00	39.11 -0.70 0.00	31.25 -0.56 0.00	30.48 -0.55 0.00
PUCKETT___SOLAR 323809	35.50 0.55 0.00	36.39 0.56 0.00	34.03 0.42 0.00	30.43 0.35 0.00	27.38 0.29 0.00	30.13 0.39 0.00	35.29 0.46 -0.88	36.31 0.49 0.00	30.79 0.37 0.00	31.61 0.08 0.00	28.13 -0.11 0.00	28.41 -0.19 0.00	26.02 -0.24 0.00	25.75 -0.16 0.00	25.73 -0.10 0.00	25.89 -0.12 0.00	28.47 -0.07 0.00	33.36 0.13 0.00	42.22 0.54 0.00	44.37 0.80 0.00	38.51 0.67 0.00	40.53 0.72 0.00	32.38 0.57 0.00	31.50 0.47 0.00
PYRITES___HYD 24023	34.82 -0.13 0.00	35.58 -0.25 0.00	33.43 -0.18 0.00	29.97 -0.11 0.00	27.02 -0.07 0.00	29.74 0.00 0.00	34.15 0.20 0.00	35.64 -0.18 0.00	29.86 -0.56 0.00	30.81 -0.72 0.00	27.48 -0.77 0.00	27.85 -0.75 0.00	25.53 -0.73 0.00	25.15 -0.77 0.00	24.98 -0.86 0.00	25.18 -0.82 0.00	27.70 -0.84 0.00	32.44 -0.79 0.00	40.87 -0.81 0.00	43.37 -0.20 0.00	37.99 0.15 0.00	39.82 0.01 0.00	31.65 -0.16 0.00	30.80 -0.23 0.00
QUAKERRD_115KV_BK1 80622	34.35 -0.61 0.00	34.98 -0.85 0.00	32.79 -0.82 0.00	29.46 -0.62 0.00	26.54 -0.55 0.00	29.13 -0.61 0.00	32.67 -0.75 0.53	35.15 -0.67 0.00	30.02 -0.40 0.00	31.16 -0.37 0.00	27.91 -0.34 0.00	28.43 -0.18 0.00	25.81 -0.45 0.00	25.52 -0.39 0.00	25.15 -0.68 0.00	24.95 -1.06 0.00	27.42 -1.12 0.00	31.99 -1.24 0.00	40.01 -1.67 0.00	41.85 -1.72 0.00	36.37 -1.46 0.00	38.22 -1.59 0.00	30.55 -1.25 0.00	29.91 -1.13 0.00
QUENSBRY_115KV_TB8 356137	35.85 0.90 0.00	36.73 0.90 0.00	34.58 0.97 0.00	30.93 0.85 0.00	27.91 0.82 0.00	30.76 1.02 0.00	35.02 1.07 0.00	36.80 0.98 0.00	30.86 0.44 0.00	31.72 0.19 0.00	28.31 0.06 0.00	28.50 -0.10 0.00	26.25 -0.01 0.00	25.81 -0.10 0.00	25.93 0.10 0.00	26.26 0.25 0.00	28.90 0.36 0.00	33.80 0.57 0.00	42.64 0.97 0.00	44.71 1.14 0.00	38.86 1.02 0.00	41.07 1.27 0.00	32.87 1.06 0.00	32.13 1.09 0.00
RAMAPO___LBMP 323565	36.39 1.44 0.00	37.22 1.39 0.00	34.79 1.18 0.00	31.11 1.03 0.00	28.14 1.05 0.00	30.81 1.07 0.00	35.36 1.28 -0.13	37.23 1.41 0.00	31.78 1.36 0.00	33.07 1.54 0.00	29.72 1.47 0.00	30.05 1.45 0.00	27.66 1.41 0.00	27.43 1.52 0.00	27.46 1.63 0.00	27.65 1.65 0.00	30.36 1.82 0.00	35.26 2.03 0.00	43.96 2.28 0.00	45.79 2.22 0.00	39.74 1.91 0.00	41.77 1.96 0.00	33.46 1.65 0.00	32.64 1.60 0.00
RANKINE___ 23646	33.11 -1.85 0.00	33.46 -2.36 0.00	31.34 -2.27 0.00	28.32 -1.76 0.00	25.38 -1.71 0.00	27.74 -2.00 0.00	30.19 -2.64 1.12	33.27 -2.55 0.00	28.72 -1.70 0.00	29.91 -1.62 0.00	26.82 -1.43 0.00	27.64 -0.96 0.00	24.84 -1.41 0.00	24.73 -1.19 0.00	24.13 -1.71 0.00	23.69 -2.31 0.00	26.07 -2.46 0.00	30.46 -2.77 0.00	37.65 -4.03 0.00	39.41 -4.16 0.00	34.24 -3.60 0.00	35.97 -3.84 0.00	28.93 -2.88 0.00	28.56 -2.47 0.00
RAVENSWOOD_GT2_1 24244	36.67 1.72 0.00	37.48 1.66 0.00	35.05 1.44 0.00	31.38 1.30 0.00	28.40 1.32 0.00	31.08 1.34 0.00	35.66 1.59 -0.13	37.60 1.78 0.00	32.15 1.73 0.00	33.46 1.94 0.00	30.10 1.85 0.00	30.42 1.82 0.00	28.01 1.76 0.00	27.81 1.90 0.00	27.84 2.00 0.00	28.02 2.01 0.00	30.73 2.20 0.00	35.67 2.44 0.00	44.36 2.69 0.00	46.09 2.52 0.00	40.05 2.21 0.00	42.10 2.29 0.00	33.75 1.95 0.00	32.91 1.87 0.00

RAVENSWOOD_GT2_2 24245	36.67 1.72 0.00	37.48 1.66 0.00	35.05 1.44 0.00	31.38 1.30 0.00	28.40 1.32 0.00	31.08 1.34 0.00	35.66 1.59 -0.13	37.60 1.78 0.00	32.15 1.73 0.00	33.46 1.94 0.00	30.10 1.85 0.00	30.42 1.82 0.00	28.01 1.76 0.00	27.81 1.90 0.00	27.84 2.00 0.00	28.02 2.01 0.00	30.73 2.20 0.00	35.67 2.44 0.00	44.36 2.69 0.00	46.09 2.52 0.00	40.05 2.21 0.00	42.10 2.29 0.00	33.75 1.95 0.00	32.91 1.87 0.00
RAVENSWOOD_GT2_3 24246	36.69 1.73 0.00	37.49 1.66 0.00	35.06 1.45 0.00	31.38 1.30 0.00	28.42 1.33 0.00	31.10 1.36 0.00	35.69 1.61 -0.13	37.62 1.80 0.00	32.16 1.75 0.00	33.48 1.95 0.00	30.12 1.87 0.00	30.44 1.84 0.00	28.03 1.78 0.00	27.83 1.92 0.00	27.85 2.02 0.00	28.03 2.02 0.00	30.75 2.22 0.00	35.68 2.45 0.00	44.38 2.71 0.00	46.11 2.54 0.00	40.06 2.22 0.00	42.12 2.31 0.00	33.78 1.97 0.00	32.92 1.89 0.00
RAVENSWOOD_GT2_4 24247	36.69 1.73 0.00	37.49 1.66 0.00	35.06 1.45 0.00	31.38 1.30 0.00	28.42 1.33 0.00	31.10 1.36 0.00	35.69 1.61 -0.13	37.62 1.80 0.00	32.16 1.75 0.00	33.48 1.95 0.00	30.12 1.87 0.00	30.44 1.84 0.00	28.03 1.78 0.00	27.83 1.92 0.00	27.85 2.02 0.00	28.03 2.02 0.00	30.75 2.22 0.00	35.68 2.45 0.00	44.38 2.71 0.00	46.11 2.54 0.00	40.06 2.22 0.00	42.12 2.31 0.00	33.78 1.97 0.00	32.92 1.89 0.00
RAVENSWOOD_GT3_1 24248	36.69 1.74 0.00	37.50 1.68 0.00	35.07 1.46 0.00	31.39 1.31 0.00	28.42 1.34 0.00	31.10 1.37 0.00	35.69 1.62 -0.13	37.62 1.80 0.00	32.16 1.75 0.00	33.48 1.95 0.00	30.12 1.87 0.00	30.44 1.84 0.00	28.03 1.77 0.00	27.83 1.91 0.00	27.84 2.01 0.00	28.03 2.02 0.00	30.75 2.22 0.00	35.68 2.45 0.00	44.39 2.71 0.00	46.12 2.55 0.00	40.07 2.23 0.00	42.13 2.32 0.00	33.78 1.98 0.00	32.93 1.89 0.00
RAVENSWOOD_GT3_2 24249	36.69 1.74 0.00	37.50 1.68 0.00	35.07 1.46 0.00	31.39 1.31 0.00	28.42 1.34 0.00	31.10 1.37 0.00	35.69 1.62 -0.13	37.62 1.80 0.00	32.16 1.75 0.00	33.48 1.95 0.00	30.12 1.87 0.00	30.44 1.84 0.00	28.03 1.77 0.00	27.83 1.91 0.00	27.84 2.01 0.00	28.03 2.02 0.00	30.75 2.22 0.00	35.68 2.45 0.00	44.39 2.71 0.00	46.12 2.55 0.00	40.07 2.23 0.00	42.13 2.32 0.00	33.78 1.98 0.00	32.93 1.89 0.00
RAVENSWOOD_GT3_3 24250	36.74 1.79 0.00	37.55 1.72 0.00	35.12 1.51 0.00	31.43 1.35 0.00	28.45 1.36 0.00	31.13 1.40 0.00	35.73 1.66 -0.13	37.67 1.86 0.00	32.22 1.80 0.00	33.53 2.00 0.00	30.17 1.92 0.00	30.49 1.89 0.00	28.08 1.82 0.00	27.86 1.95 0.00	27.89 2.05 0.00	28.07 2.07 0.00	30.79 2.26 0.00	35.74 2.51 0.00	44.45 2.77 0.00	46.19 2.62 0.00	40.13 2.29 0.00	42.19 2.38 0.00	33.82 2.01 0.00	32.97 1.93 0.00
RAVENSWOOD_GT3_4 24251	36.74 1.79 0.00	37.55 1.72 0.00	35.12 1.51 0.00	31.43 1.35 0.00	28.45 1.36 0.00	31.13 1.40 0.00	35.73 1.66 -0.13	37.67 1.86 0.00	32.22 1.80 0.00	33.53 2.00 0.00	30.17 1.92 0.00	30.49 1.89 0.00	28.08 1.82 0.00	27.86 1.95 0.00	27.89 2.05 0.00	28.07 2.07 0.00	30.79 2.26 0.00	35.74 2.51 0.00	44.45 2.77 0.00	46.19 2.62 0.00	40.13 2.29 0.00	42.19 2.38 0.00	33.82 2.01 0.00	32.97 1.93 0.00
RAVENSWOOD_GT_1 23729	36.74 1.79 0.00	37.56 1.73 0.00	35.14 1.53 0.00	31.45 1.37 0.00	28.48 1.39 0.00	31.13 1.40 0.00	35.76 1.68 -0.13	37.69 1.87 0.00	32.25 1.83 0.00	33.56 2.04 0.00	30.21 1.95 0.00	30.52 1.92 0.00	28.11 1.85 0.00	27.92 2.00 0.00	27.91 2.08 0.00	28.10 2.09 0.00	30.81 2.27 0.00	35.75 2.52 0.00	44.42 2.75 0.00	46.10 2.53 0.00	40.08 2.24 0.00	42.14 2.33 0.00	33.82 2.01 0.00	32.96 1.92 0.00
RAVENSWOOD_GT_10 24258	36.67 1.72 0.00	37.48 1.66 0.00	35.05 1.44 0.00	31.37 1.29 0.00	28.40 1.32 0.00	31.08 1.34 0.00	35.66 1.58 -0.13	37.59 1.77 0.00	32.15 1.73 0.00	33.46 1.93 0.00	30.10 1.85 0.00	30.42 1.82 0.00	28.01 1.76 0.00	27.81 1.90 0.00	27.83 2.00 0.00	28.02 2.01 0.00	30.73 2.20 0.00	35.67 2.43 0.00	44.36 2.69 0.00	46.09 2.52 0.00	40.05 2.21 0.00	42.11 2.30 0.00	33.75 1.95 0.00	32.91 1.87 0.00
RAVENSWOOD_GT_11 24259	36.67 1.72 0.00	37.48 1.66 0.00	35.05 1.44 0.00	31.37 1.29 0.00	28.40 1.32 0.00	31.08 1.34 0.00	35.66 1.58 -0.13	37.59 1.77 0.00	32.15 1.73 0.00	33.46 1.93 0.00	30.10 1.85 0.00	30.42 1.82 0.00	28.01 1.76 0.00	27.81 1.90 0.00	27.83 2.00 0.00	28.02 2.01 0.00	30.73 2.20 0.00	35.67 2.43 0.00	44.36 2.69 0.00	46.09 2.52 0.00	40.05 2.21 0.00	42.11 2.30 0.00	33.75 1.95 0.00	32.91 1.87 0.00
RAVENSWOOD_GT_4 24252	36.70 1.75 0.00	37.51 1.69 0.00	35.09 1.48 0.00	31.41 1.33 0.00	28.43 1.34 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.64 1.82 0.00	32.18 1.76 0.00	33.50 1.97 0.00	30.13 1.89 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.93 0.00	27.85 2.02 0.00	28.05 2.04 0.00	30.76 2.22 0.00	35.70 2.47 0.00	44.39 2.71 0.00	46.10 2.53 0.00	40.05 2.21 0.00	42.11 2.30 0.00	33.78 1.97 0.00	32.92 1.89 0.00
RAVENSWOOD_GT_5 24254	36.70 1.75 0.00	37.51 1.69 0.00	35.09 1.48 0.00	31.41 1.33 0.00	28.43 1.34 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.64 1.82 0.00	32.18 1.76 0.00	33.50 1.97 0.00	30.13 1.89 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.93 0.00	27.85 2.02 0.00	28.05 2.04 0.00	30.76 2.22 0.00	35.70 2.47 0.00	44.39 2.71 0.00	46.10 2.53 0.00	40.05 2.21 0.00	42.11 2.30 0.00	33.78 1.97 0.00	32.92 1.89 0.00
RAVENSWOOD_GT_6 24253	36.70 1.75 0.00	37.51 1.69 0.00	35.09 1.48 0.00	31.41 1.33 0.00	28.43 1.34 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.64 1.82 0.00	32.18 1.76 0.00	33.50 1.97 0.00	30.13 1.89 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.93 0.00	27.85 2.02 0.00	28.05 2.04 0.00	30.76 2.22 0.00	35.70 2.47 0.00	44.39 2.71 0.00	46.10 2.53 0.00	40.05 2.21 0.00	42.11 2.30 0.00	33.78 1.97 0.00	32.92 1.89 0.00
RAVENSWOOD_GT_7 24255	36.70 1.75 0.00	37.51 1.69 0.00	35.09 1.48 0.00	31.41 1.33 0.00	28.43 1.34 0.00	31.10 1.36 0.00	35.70 1.62 -0.13	37.64 1.82 0.00	32.18 1.76 0.00	33.50 1.97 0.00	30.13 1.89 0.00	30.45 1.85 0.00	28.04 1.78 0.00	27.84 1.93 0.00	27.85 2.02 0.00	28.05 2.04 0.00	30.76 2.22 0.00	35.70 2.47 0.00	44.39 2.71 0.00	46.10 2.53 0.00	40.05 2.21 0.00	42.11 2.30 0.00	33.78 1.97 0.00	32.92 1.89 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.67 1.72 0.00	37.48 1.66 0.00	35.05 1.44 0.00	31.37 1.29 0.00	28.40 1.32 0.00	31.08 1.34 0.00	35.66 1.58 -0.13	37.59 1.77 0.00	32.15 1.73 0.00	33.46 1.93 0.00	30.10 1.85 0.00	30.42 1.82 0.00	28.01 1.76 0.00	27.81 1.90 0.00	27.83 2.00 0.00	28.02 2.01 0.00	30.73 2.20 0.00	35.67 2.43 0.00	44.36 2.69 0.00	46.09 2.52 0.00	40.05 2.21 0.00	42.11 2.30 0.00	33.75 1.95 0.00	32.91 1.87 0.00

RAVENSWOOD_GT_9 24257	36.67 1.72 0.00	37.48 1.66 0.00	35.05 1.44 0.00	31.37 1.29 0.00	28.40 1.32 0.00	31.08 1.34 0.00	35.66 1.58 -0.13	37.59 1.77 0.00	32.15 1.73 0.00	33.46 1.93 0.00	30.10 1.85 0.00	30.42 1.82 0.00	28.01 1.76 0.00	27.81 1.90 0.00	27.83 2.00 0.00	28.02 2.01 0.00	30.73 2.20 0.00	35.67 2.43 0.00	44.36 2.69 0.00	46.09 2.52 0.00	40.05 2.21 0.00	42.11 2.30 0.00	33.75 1.95 0.00	32.91 1.87 0.00
RAVENSWOOD___1 23533	36.74 1.79 0.00	37.56 1.73 0.00	35.14 1.53 0.00	31.46 1.38 0.00	28.48 1.39 0.00	31.13 1.40 0.00	35.75 1.67 -0.13	37.68 1.87 0.00	32.23 1.82 0.00	33.55 2.02 0.00	30.19 1.95 0.00	30.50 1.90 0.00	28.09 1.84 0.00	27.91 2.00 0.00	27.90 2.07 0.00	28.08 2.08 0.00	30.80 2.26 0.00	35.75 2.52 0.00	44.41 2.73 0.00	46.09 2.52 0.00	40.07 2.23 0.00	42.13 2.32 0.00	33.80 1.99 0.00	32.94 1.90 0.00
RAVENSWOOD___2 23534	36.74 1.79 0.00	37.55 1.72 0.00	35.14 1.53 0.00	31.46 1.38 0.00	28.47 1.38 0.00	31.13 1.40 0.00	35.74 1.67 -0.13	37.68 1.86 0.00	32.22 1.80 0.00	33.54 2.01 0.00	30.18 1.93 0.00	30.49 1.89 0.00	28.08 1.83 0.00	27.89 1.98 0.00	27.89 2.06 0.00	28.08 2.07 0.00	30.79 2.25 0.00	35.74 2.51 0.00	44.41 2.73 0.00	46.09 2.52 0.00	40.06 2.22 0.00	42.11 2.30 0.00	33.79 1.98 0.00	32.93 1.89 0.00
RAVENSWOOD___3 23535	36.69 1.74 0.00	37.49 1.66 0.00	35.06 1.45 0.00	31.39 1.31 0.00	28.41 1.32 0.00	31.10 1.36 0.00	35.69 1.61 -0.13	37.61 1.79 0.00	32.16 1.74 0.00	33.47 1.95 0.00	30.11 1.87 0.00	30.43 1.83 0.00	28.03 1.77 0.00	27.82 1.91 0.00	27.84 2.01 0.00	28.02 2.02 0.00	30.74 2.21 0.00	35.68 2.45 0.00	44.37 2.70 0.00	46.10 2.53 0.00	40.06 2.22 0.00	42.11 2.30 0.00	33.77 1.96 0.00	32.91 1.88 0.00
RAVENSWOOD___4 23820	36.74 1.79 0.00	37.55 1.72 0.00	35.14 1.53 0.00	31.46 1.38 0.00	28.47 1.38 0.00	31.13 1.40 0.00	35.74 1.67 -0.13	37.68 1.86 0.00	32.22 1.80 0.00	33.54 2.01 0.00	30.18 1.93 0.00	30.49 1.89 0.00	28.08 1.83 0.00	27.89 1.98 0.00	27.89 2.06 0.00	28.08 2.07 0.00	30.79 2.25 0.00	35.74 2.51 0.00	44.41 2.73 0.00	46.09 2.52 0.00	40.06 2.22 0.00	42.11 2.30 0.00	33.79 1.98 0.00	32.93 1.89 0.00
RCPI_TRUST___DRP 24196	36.69 1.74 0.00	37.51 1.68 0.00	35.08 1.47 0.00	31.39 1.31 0.00	28.41 1.32 0.00	31.10 1.37 0.00	35.70 1.62 -0.13	37.63 1.81 0.00	32.17 1.75 0.00	33.49 1.96 0.00	30.12 1.87 0.00	30.45 1.85 0.00	28.03 1.78 0.00	27.83 1.92 0.00	27.85 2.02 0.00	28.04 2.03 0.00	30.76 2.22 0.00	35.69 2.46 0.00	44.40 2.72 0.00	46.13 2.56 0.00	40.08 2.24 0.00	42.13 2.32 0.00	33.78 1.97 0.00	32.92 1.89 0.00
RED___ROCHESTER 323720	34.66 -0.29 0.00	35.24 -0.59 0.00	33.04 -0.57 0.00	29.70 -0.38 0.00	26.75 -0.34 0.00	29.37 -0.36 0.00	32.88 -0.48 0.59	35.48 -0.34 0.00	30.33 -0.09 0.00	31.48 -0.05 0.00	28.19 -0.05 0.00	28.81 0.21 0.00	26.09 -0.16 0.00	25.80 -0.12 0.00	25.42 -0.41 0.00	25.21 -0.80 0.00	27.75 -0.78 0.00	32.36 -0.87 0.00	40.48 -1.19 0.00	42.43 -1.14 0.00	36.86 -0.98 0.00	38.73 -1.07 0.00	31.00 -0.81 0.00	30.35 -0.69 0.00
REGAN___SOLAR 323812	36.47 1.52 0.00	37.38 1.56 0.00	35.06 1.45 0.00	31.38 1.30 0.00	28.28 1.20 0.00	31.10 1.37 0.00	35.57 1.62 0.00	36.97 1.16 0.00	30.49 0.07 0.00	31.24 -0.29 0.00	27.95 -0.30 0.00	28.28 -0.32 0.00	25.97 -0.28 0.00	25.61 -0.30 0.00	25.56 -0.28 0.00	25.76 -0.25 0.00	28.39 -0.15 0.00	33.15 -0.09 0.00	42.51 0.83 0.00	45.57 2.00 0.00	39.87 2.03 0.00	41.90 2.09 0.00	33.42 1.61 0.00	32.51 1.47 0.00
RENSSELAER___COGEN 23796	35.69 0.74 0.00	36.68 0.85 0.00	34.45 0.84 0.00	30.78 0.70 0.00	27.71 0.62 0.00	30.39 0.66 0.00	34.64 0.69 0.00	36.51 0.69 0.00	30.96 0.54 0.00	32.13 0.60 0.00	28.80 0.55 0.00	29.11 0.50 0.00	26.83 0.58 0.00	26.46 0.55 0.00	26.49 0.66 0.00	26.73 0.73 0.00	29.22 0.68 0.00	33.92 0.68 0.00	42.46 0.78 0.00	44.28 0.71 0.00	38.50 0.66 0.00	40.54 0.73 0.00	32.53 0.72 0.00	31.73 0.69 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.34 2.39 0.00	38.09 2.26 0.00	36.06 2.45 0.00	32.33 2.25 0.00	29.22 2.13 0.00	32.33 2.59 0.00	36.80 2.85 0.00	38.37 2.55 0.00	31.92 1.50 0.00	32.69 1.17 0.00	29.10 0.85 0.00	29.11 0.51 0.00	26.87 0.62 0.00	26.33 0.42 0.00	26.61 0.78 0.00	27.02 1.02 0.00	29.81 1.27 0.00	34.93 1.70 0.00	44.14 2.46 0.00	46.20 2.63 0.00	40.35 2.52 0.00	42.94 3.13 0.00	34.49 2.68 0.00	33.74 2.70 0.00
REVERE_CPPR_DRP 24186	35.70 0.75 0.00	36.54 0.71 0.00	34.26 0.65 0.00	30.65 0.57 0.00	27.65 0.56 0.00	30.45 0.72 0.00	34.95 1.00 0.00	36.70 0.88 0.00	30.87 0.45 0.00	31.73 0.21 0.00	28.15 -0.10 0.00	28.39 -0.21 0.00	26.03 -0.23 0.00	25.69 -0.22 0.00	25.62 -0.21 0.00	25.80 -0.21 0.00	28.33 -0.20 0.00	33.26 0.03 0.00	42.46 0.78 0.00	44.80 1.23 0.00	39.00 1.16 0.00	40.95 1.14 0.00	32.56 0.75 0.00	31.63 0.59 0.00
REYNLDDPA_13_KV_LD 356490	35.16 0.21 0.00	35.96 0.13 0.00	33.75 0.14 0.00	30.26 0.18 0.00	27.26 0.17 0.00	29.95 0.21 0.00	34.28 0.33 0.00	36.11 0.29 0.00	30.63 0.21 0.00	31.74 0.21 0.00	28.36 0.11 0.00	28.75 0.15 0.00	26.34 0.09 0.00	25.97 0.05 0.00	25.81 -0.02 0.00	26.00 -0.01 0.00	28.59 0.06 0.00	33.43 0.20 0.00	41.96 0.28 0.00	43.85 0.28 0.00	38.10 0.26 0.00	40.05 0.24 0.00	31.92 0.11 0.00	31.15 0.11 0.00
REYNOLDS_115KV_TB3 80639	35.90 0.95 0.00	36.89 1.07 0.00	34.66 1.05 0.00	30.96 0.88 0.00	27.86 0.78 0.00	30.58 0.84 0.00	34.81 0.86 0.00	36.70 0.88 0.00	31.14 0.71 0.00	32.32 0.79 0.00	28.97 0.72 0.00	29.28 0.68 0.00	26.99 0.73 0.00	26.60 0.69 0.00	26.65 0.82 0.00	26.91 0.91 0.00	29.45 0.91 0.00	34.18 0.95 0.00	42.80 1.12 0.00	44.62 1.05 0.00	38.76 0.93 0.00	40.86 1.05 0.00	32.77 0.97 0.00	31.98 0.95 0.00
RIVERBAY___ 323610	37.57 2.62 0.00	38.41 2.58 0.00	35.96 2.35 0.00	32.19 2.11 0.00	29.15 2.06 0.00	31.85 2.11 0.00	36.68 2.60 -0.13	38.61 2.80 0.00	32.98 2.56 0.00	34.35 2.82 0.00	30.77 2.52 0.00	31.09 2.49 0.00	28.64 2.38 0.00	28.44 2.53 0.00	28.36 2.53 0.00	28.62 2.61 0.00	31.37 2.84 0.00	36.42 3.19 0.00	45.28 3.60 0.00	47.06 3.49 0.00	40.98 3.15 0.00	43.05 3.24 0.00	34.54 2.73 0.00	33.67 2.63 0.00
RIVERSDE_115KV_TB3 55908	35.81 0.86 0.00	36.80 0.97 0.00	34.57 0.96 0.00	30.88 0.80 0.00	27.80 0.71 0.00	30.50 0.77 0.00	34.75 0.80 0.00	36.63 0.81 0.00	31.07 0.65 0.00	32.24 0.71 0.00	28.89 0.64 0.00	29.20 0.59 0.00	26.92 0.66 0.00	26.54 0.62 0.00	26.57 0.74 0.00	26.83 0.83 0.00	29.34 0.80 0.00	34.06 0.83 0.00	42.66 0.99 0.00	44.47 0.90 0.00	38.65 0.82 0.00	40.72 0.91 0.00	32.66 0.85 0.00	31.87 0.83 0.00

ROARING___BROOK_WT_PWR 323790	34.74 -0.21 0.00	35.57 -0.26 0.00	33.38 -0.23 0.00	29.88 -0.20 0.00	26.88 -0.21 0.00	29.52 -0.22 0.00	33.77 -0.18 0.00	35.66 -0.16 0.00	30.32 -0.10 0.00	31.48 -0.05 0.00	28.21 -0.04 0.00	28.55 -0.05 0.00	26.20 -0.05 0.00	25.86 -0.05 0.00	25.77 -0.07 0.00	25.95 -0.06 0.00	28.45 -0.09 0.00	33.13 -0.10 0.00	41.51 -0.16 0.00	43.44 -0.13 0.00	37.70 -0.14 0.00	39.56 -0.25 0.00	31.50 -0.30 0.00	30.72 -0.32 0.00
ROCHESRG_115KV_T4 355643	34.23 -0.72 0.00	34.82 -1.01 0.00	32.64 -0.97 0.00	29.36 -0.72 0.00	26.44 -0.65 0.00	29.00 -0.74 0.00	32.45 -0.92 0.58	34.98 -0.84 0.00	29.91 -0.51 0.00	31.05 -0.48 0.00	27.80 -0.45 0.00	28.39 -0.21 0.00	25.75 -0.51 0.00	25.47 -0.45 0.00	25.11 -0.73 0.00	24.92 -1.09 0.00	27.42 -1.12 0.00	31.96 -1.27 0.00	39.92 -1.75 0.00	41.82 -1.75 0.00	36.36 -1.48 0.00	38.21 -1.60 0.00	30.59 -1.21 0.00	29.98 -1.06 0.00
ROCHESTER_9_IC 23652	34.49 -0.46 0.00	35.07 -0.76 0.00	32.87 -0.74 0.00	29.56 -0.52 0.00	26.62 -0.46 0.00	29.22 -0.52 0.00	32.70 -0.66 0.59	35.28 -0.54 0.00	30.16 -0.26 0.00	31.30 -0.22 0.00	28.03 -0.22 0.00	28.64 0.04 0.00	25.95 -0.30 0.00	25.66 -0.25 0.00	25.29 -0.54 0.00	25.09 -0.92 0.00	27.61 -0.92 0.00	32.19 -1.05 0.00	40.25 -1.43 0.00	42.18 -1.39 0.00	36.66 -1.18 0.00	38.53 -1.28 0.00	30.83 -0.98 0.00	30.20 -0.84 0.00
ROCKVIEW_13_KV_LD 356306	36.72 1.77 0.00	37.56 1.73 0.00	35.12 1.51 0.00	31.42 1.35 0.00	28.44 1.36 0.00	31.14 1.41 0.00	35.71 1.64 -0.13	37.64 1.82 0.00	32.18 1.76 0.00	33.46 1.94 0.00	30.10 1.85 0.00	30.41 1.81 0.00	27.99 1.74 0.00	27.77 1.86 0.00	27.80 1.97 0.00	27.99 1.99 0.00	30.72 2.18 0.00	35.67 2.44 0.00	44.40 2.73 0.00	46.15 2.58 0.00	40.09 2.25 0.00	42.16 2.35 0.00	33.79 1.99 0.00	32.94 1.90 0.00
ROME____115KV_TB2 80656	35.70 0.75 0.00	36.54 0.71 0.00	34.26 0.65 0.00	30.65 0.57 0.00	27.65 0.56 0.00	30.45 0.72 0.00	34.95 1.00 0.00	36.70 0.88 0.00	30.87 0.45 0.00	31.73 0.21 0.00	28.15 -0.10 0.00	28.39 -0.21 0.00	26.03 -0.23 0.00	25.69 -0.22 0.00	25.62 -0.21 0.00	25.80 -0.21 0.00	28.33 -0.20 0.00	33.26 0.03 0.00	42.46 0.78 0.00	44.80 1.23 0.00	39.00 1.16 0.00	40.95 1.14 0.00	32.56 0.75 0.00	31.63 0.59 0.00
ROSETON___1 23587	36.37 1.42 0.00	37.23 1.40 0.00	34.84 1.23 0.00	31.16 1.08 0.00	28.18 1.10 0.00	30.86 1.12 0.00	35.36 1.29 -0.13	37.25 1.43 0.00	31.77 1.35 0.00	33.01 1.49 0.00	29.67 1.42 0.00	29.98 1.38 0.00	27.62 1.36 0.00	27.35 1.44 0.00	27.37 1.54 0.00	27.56 1.55 0.00	30.21 1.67 0.00	35.08 1.85 0.00	43.77 2.09 0.00	45.58 2.01 0.00	39.58 1.75 0.00	41.65 1.84 0.00	33.36 1.55 0.00	32.53 1.49 0.00
ROSETON___2 23588	36.37 1.42 0.00	37.23 1.40 0.00	34.84 1.23 0.00	31.16 1.08 0.00	28.18 1.10 0.00	30.86 1.12 0.00	35.36 1.29 -0.13	37.25 1.43 0.00	31.77 1.35 0.00	33.01 1.49 0.00	29.67 1.42 0.00	29.98 1.38 0.00	27.62 1.36 0.00	27.35 1.44 0.00	27.37 1.54 0.00	27.56 1.55 0.00	30.21 1.67 0.00	35.08 1.85 0.00	43.77 2.09 0.00	45.58 2.01 0.00	39.58 1.75 0.00	41.65 1.84 0.00	33.36 1.55 0.00	32.53 1.49 0.00
ROTTRDAM_115KV_TB3 80664	35.72 0.76 0.00	36.68 0.85 0.00	34.42 0.81 0.00	30.77 0.69 0.00	27.70 0.61 0.00	30.41 0.68 0.00	34.68 0.73 0.00	36.53 0.71 0.00	30.92 0.50 0.00	32.01 0.48 0.00	28.69 0.44 0.00	29.01 0.40 0.00	26.68 0.42 0.00	26.32 0.41 0.00	26.32 0.49 0.00	26.56 0.55 0.00	29.16 0.62 0.00	33.93 0.70 0.00	42.60 0.92 0.00	44.59 1.01 0.00	38.73 0.89 0.00	40.81 1.00 0.00	32.65 0.84 0.00	31.86 0.82 0.00
RUSSELL___1 23602	34.67 -0.28 0.00	35.24 -0.58 0.00	33.03 -0.58 0.00	29.70 -0.38 0.00	26.75 -0.34 0.00	29.37 -0.36 0.00	32.88 -0.48 0.59	35.48 -0.34 0.00	30.33 -0.09 0.00	31.49 -0.04 0.00	28.19 -0.06 0.00	28.81 0.21 0.00	26.09 -0.16 0.00	25.80 -0.11 0.00	25.42 -0.41 0.00	25.21 -0.80 0.00	27.75 -0.78 0.00	32.36 -0.88 0.00	40.49 -1.19 0.00	42.43 -1.14 0.00	36.86 -0.97 0.00	38.73 -1.07 0.00	31.00 -0.81 0.00	30.35 -0.68 0.00
RUSSELL___2 23532	34.67 -0.28 0.00	35.24 -0.58 0.00	33.03 -0.58 0.00	29.70 -0.38 0.00	26.75 -0.34 0.00	29.37 -0.36 0.00	32.88 -0.48 0.59	35.48 -0.34 0.00	30.33 -0.09 0.00	31.49 -0.04 0.00	28.19 -0.06 0.00	28.81 0.21 0.00	26.09 -0.16 0.00	25.80 -0.11 0.00	25.42 -0.41 0.00	25.21 -0.80 0.00	27.75 -0.78 0.00	32.36 -0.88 0.00	40.49 -1.19 0.00	42.43 -1.14 0.00	36.86 -0.97 0.00	38.73 -1.07 0.00	31.00 -0.81 0.00	30.35 -0.68 0.00
RUSSELL___3 23549	34.67 -0.28 0.00	35.24 -0.58 0.00	33.03 -0.58 0.00	29.70 -0.38 0.00	26.75 -0.34 0.00	29.37 -0.36 0.00	32.88 -0.48 0.59	35.48 -0.34 0.00	30.33 -0.09 0.00	31.49 -0.04 0.00	28.19 -0.06 0.00	28.81 0.21 0.00	26.09 -0.16 0.00	25.80 -0.11 0.00	25.42 -0.41 0.00	25.21 -0.80 0.00	27.75 -0.78 0.00	32.36 -0.88 0.00	40.49 -1.19 0.00	42.43 -1.14 0.00	36.86 -0.97 0.00	38.73 -1.07 0.00	31.00 -0.81 0.00	30.35 -0.68 0.00
RUSSELL___4 23556	34.67 -0.28 0.00	35.24 -0.58 0.00	33.03 -0.58 0.00	29.70 -0.38 0.00	26.75 -0.34 0.00	29.37 -0.36 0.00	32.88 -0.48 0.59	35.48 -0.34 0.00	30.33 -0.09 0.00	31.49 -0.04 0.00	28.19 -0.06 0.00	28.81 0.21 0.00	26.09 -0.16 0.00	25.80 -0.11 0.00	25.42 -0.41 0.00	25.21 -0.80 0.00	27.75 -0.78 0.00	32.36 -0.88 0.00	40.49 -1.19 0.00	42.43 -1.14 0.00	36.86 -0.97 0.00	38.73 -1.07 0.00	31.00 -0.81 0.00	30.35 -0.68 0.00
RUSSELL___STATION 23914	34.67 -0.28 0.00	35.24 -0.58 0.00	33.03 -0.58 0.00	29.70 -0.38 0.00	26.75 -0.34 0.00	29.37 -0.36 0.00	32.88 -0.48 0.59	35.48 -0.34 0.00	30.33 -0.09 0.00	31.49 -0.04 0.00	28.19 -0.06 0.00	28.81 0.21 0.00	26.09 -0.16 0.00	25.80 -0.11 0.00	25.42 -0.41 0.00	25.21 -0.80 0.00	27.75 -0.78 0.00	32.36 -0.88 0.00	40.49 -1.19 0.00	42.43 -1.14 0.00	36.86 -0.97 0.00	38.73 -1.07 0.00	31.00 -0.81 0.00	30.35 -0.68 0.00
S SALMON___HYD 24043	33.30 -1.65 0.00	33.88 -1.94 0.00	31.94 -1.67 0.00	28.49 -1.59 0.00	25.83 -1.26 0.00	28.49 -1.25 0.00	32.76 -1.19 0.00	34.08 -1.74 0.00	28.36 -2.06 0.00	29.37 -2.16 0.00	26.34 -1.91 0.00	26.54 -2.06 0.00	24.36 -1.89 0.00	24.03 -1.88 0.00	23.82 -2.01 0.00	23.95 -2.06 0.00	26.05 -2.49 0.00	30.40 -2.83 0.00	38.80 -2.88 0.00	41.45 -2.12 0.00	36.45 -1.39 0.00	38.18 -1.63 0.00	30.39 -1.42 0.00	29.35 -1.68 0.00
S.PERRY__115KV_TB1 80734	35.16 0.20 0.00	35.66 -0.16 0.00	33.34 -0.27 0.00	29.99 -0.09 0.00	26.90 -0.18 0.00	29.55 -0.18 0.00	32.37 -0.32 1.26	35.69 -0.13 0.00	30.53 0.10 0.00	31.14 -0.38 0.00	27.96 -0.29 0.00	28.80 0.19 0.00	26.05 -0.21 0.00	25.82 -0.09 0.00	25.47 -0.36 0.00	25.32 -0.69 0.00	27.88 -0.65 0.00	32.30 -0.94 0.00	40.56 -1.12 0.00	42.99 -0.58 0.00	37.45 -0.39 0.00	39.24 -0.57 0.00	31.25 -0.56 0.00	30.45 -0.58 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.82 -2.13 0.00	33.16 -2.67 0.00	31.08 -2.53 0.00	28.11 -1.97 0.00	25.21 -1.87 0.00	27.54 -2.20 0.00	30.02 -2.87 1.06	33.00 -2.81 0.00	28.49 -1.93 0.00	29.70 -1.83 0.00	26.61 -1.63 0.00	27.42 -1.18 0.00	24.65 -1.61 0.00	24.50 -1.41 0.00	23.91 -1.92 0.00	23.46 -2.55 0.00	25.84 -2.70 0.00	30.19 -3.04 0.00	37.25 -4.43 0.00	38.99 -4.58 0.00	33.89 -3.95 0.00	35.65 -4.15 0.00	28.72 -3.09 0.00	28.39 -2.64 0.00
SAWYER__23_KV_LOAD 55526	32.82 -2.13 0.00	33.16 -2.67 0.00	31.08 -2.53 0.00	28.11 -1.97 0.00	25.21 -1.87 0.00	27.54 -2.20 0.00	30.02 -2.87 1.06	33.00 -2.81 0.00	28.49 -1.93 0.00	29.70 -1.83 0.00	26.61 -1.63 0.00	27.42 -1.18 0.00	24.65 -1.61 0.00	24.50 -1.41 0.00	23.91 -1.92 0.00	23.46 -2.55 0.00	25.84 -2.70 0.00	30.19 -3.04 0.00	37.25 -4.43 0.00	38.99 -4.58 0.00	33.89 -3.95 0.00	35.65 -4.15 0.00	28.72 -3.09 0.00	28.39 -2.64 0.00
SELKIRK__I 23801	35.89 0.94 0.00	36.90 1.07 0.00	34.65 1.04 0.00	30.98 0.90 0.00	27.88 0.79 0.00	30.59 0.85 0.00	34.85 0.90 0.00	36.66 0.83 0.00	30.99 0.57 0.00	32.12 0.60 0.00	28.79 0.55 0.00	29.10 0.50 0.00	26.78 0.52 0.00	26.41 0.49 0.00	26.40 0.57 0.00	26.66 0.65 0.00	29.21 0.68 0.00	33.98 0.75 0.00	42.71 1.03 0.00	44.62 1.04 0.00	38.76 0.92 0.00	40.83 1.02 0.00	32.73 0.92 0.00	31.94 0.90 0.00
SELKIRK__II 23799	35.72 0.77 0.00	36.72 0.89 0.00	34.47 0.86 0.00	30.80 0.72 0.00	27.72 0.63 0.00	30.40 0.66 0.00	34.65 0.70 0.00	36.53 0.71 0.00	30.99 0.57 0.00	32.16 0.63 0.00	28.84 0.59 0.00	29.15 0.55 0.00	26.86 0.60 0.00	26.50 0.58 0.00	26.51 0.68 0.00	26.75 0.75 0.00	29.29 0.75 0.00	34.01 0.78 0.00	42.58 0.91 0.00	44.42 0.85 0.00	38.59 0.76 0.00	40.66 0.85 0.00	32.58 0.78 0.00	31.80 0.76 0.00
SENECA OSWGO__HYD 24041	33.71 -1.24 0.00	34.53 -1.30 0.00	32.37 -1.24 0.00	28.98 -1.10 0.00	26.13 -0.96 0.00	28.70 -1.04 0.00	32.77 -1.18 0.00	34.61 -1.21 0.00	29.41 -1.01 0.00	30.43 -1.09 0.00	27.25 -0.99 0.00	27.59 -1.01 0.00	25.29 -0.97 0.00	24.97 -0.94 0.00	24.87 -0.96 0.00	25.00 -1.01 0.00	27.41 -1.13 0.00	31.91 -1.32 0.00	40.10 -1.58 0.00	41.99 -1.58 0.00	36.51 -1.33 0.00	38.40 -1.41 0.00	30.69 -1.12 0.00	29.93 -1.11 0.00
SENECA__115KV_TB3 355854	33.13 -1.82 0.00	33.51 -2.32 0.00	31.39 -2.22 0.00	28.36 -1.72 0.00	25.41 -1.68 0.00	27.78 -1.95 0.00	30.24 -2.60 1.12	33.32 -2.50 0.00	28.77 -1.65 0.00	29.95 -1.58 0.00	26.86 -1.39 0.00	27.68 -0.92 0.00	24.89 -1.37 0.00	24.76 -1.15 0.00	24.17 -1.66 0.00	23.73 -2.28 0.00	26.11 -2.42 0.00	30.51 -2.72 0.00	37.69 -3.98 0.00	39.47 -4.10 0.00	34.28 -3.56 0.00	36.02 -3.79 0.00	28.98 -2.83 0.00	28.60 -2.43 0.00
SENECA__ENERGY 23797	34.59 -0.36 0.00	35.33 -0.50 0.00	33.06 -0.55 0.00	29.67 -0.42 0.00	26.71 -0.37 0.00	29.38 -0.36 0.00	33.03 -0.46 0.46	35.42 -0.39 0.00	30.19 -0.23 0.00	31.24 -0.29 0.00	27.99 -0.26 0.00	28.30 -0.30 0.00	25.76 -0.50 0.00	25.46 -0.46 0.00	25.29 -0.54 0.00	25.29 -0.72 0.00	27.75 -0.78 0.00	32.47 -0.76 0.00	40.86 -0.82 0.00	42.93 -0.64 0.00	37.28 -0.56 0.00	39.14 -0.67 0.00	31.26 -0.55 0.00	30.47 -0.56 0.00
SHOEMAKER__GT 23640	36.44 1.48 0.00	37.28 1.45 0.00	34.88 1.27 0.00	31.20 1.12 0.00	28.18 1.09 0.00	30.87 1.14 0.00	35.42 1.33 -0.14	37.28 1.45 0.00	31.75 1.33 0.00	32.97 1.44 0.00	29.54 1.29 0.00	29.84 1.24 0.00	27.46 1.21 0.00	27.20 1.28 0.00	27.21 1.37 0.00	27.40 1.40 0.00	30.08 1.55 0.00	35.01 1.78 0.00	43.78 2.11 0.00	45.69 2.12 0.00	39.69 1.86 0.00	41.76 1.95 0.00	33.42 1.61 0.00	32.59 1.56 0.00
SHOEMAKR_138KV_BK 111 55601	36.41 1.46 0.00	37.26 1.44 0.00	34.85 1.24 0.00	31.17 1.09 0.00	28.16 1.08 0.00	30.85 1.12 0.00	35.39 1.30 -0.14	37.25 1.43 0.00	31.74 1.32 0.00	32.97 1.44 0.00	29.56 1.31 0.00	29.87 1.27 0.00	27.49 1.23 0.00	27.22 1.31 0.00	27.24 1.41 0.00	27.43 1.43 0.00	30.11 1.58 0.00	35.02 1.79 0.00	43.79 2.12 0.00	45.67 2.10 0.00	39.67 1.83 0.00	41.73 1.92 0.00	33.41 1.60 0.00	32.58 1.55 0.00
SHOREHAM_IC_1 23715	36.99 2.04 0.00	38.28 2.46 0.00	35.85 2.24 0.00	32.13 2.05 0.00	32.98 2.12 -3.77	32.54 2.26 -0.55	36.51 2.25 -0.31	39.95 2.44 -1.69	33.86 2.43 -1.00	33.61 2.09 0.00	30.46 2.21 0.00	30.54 1.94 0.00	27.75 1.50 0.00	27.39 1.48 0.00	27.65 1.82 0.00	27.93 1.92 0.00	30.83 2.30 0.00	36.18 2.70 -0.25	48.50 2.73 -4.10	49.98 2.08 -4.33	42.47 1.61 -3.02	42.77 2.31 -0.65	35.50 2.47 -1.22	42.80 2.65 -9.11
SHOREHAM_IC_2 23716	36.99 2.04 0.00	38.28 2.46 0.00	35.85 2.24 0.00	32.13 2.05 0.00	32.98 2.12 -3.77	32.54 2.26 -0.55	36.51 2.25 -0.31	39.95 2.44 -1.69	33.86 2.43 -1.00	33.61 2.09 0.00	30.46 2.21 0.00	30.54 1.94 0.00	27.75 1.50 0.00	27.39 1.48 0.00	27.65 1.82 0.00	27.93 1.92 0.00	30.83 2.30 0.00	36.18 2.70 -0.25	48.50 2.73 -4.10	49.98 2.08 -4.33	42.47 1.61 -3.02	42.77 2.31 -0.65	35.50 2.47 -1.22	42.80 2.65 -9.11
SISSONVILLE__ 23735	33.93 -1.03 0.00	34.69 -1.13 0.00	32.61 -1.00 0.00	29.21 -0.87 0.00	26.33 -0.76 0.00	28.97 -0.77 0.00	33.28 -0.67 0.00	34.91 -0.91 0.00	29.37 -1.05 0.00	30.36 -1.17 0.00	27.08 -1.17 0.00	27.42 -1.18 0.00	25.14 -1.11 0.00	24.76 -1.16 0.00	24.61 -1.22 0.00	24.82 -1.19 0.00	27.27 -1.27 0.00	31.93 -1.31 0.00	40.23 -1.44 0.00	42.40 -1.17 0.00	36.96 -0.88 0.00	38.73 -1.08 0.00	30.78 -1.03 0.00	29.95 -1.09 0.00
SITHE_IND_GS1 24169	33.68 -1.27 0.00	34.50 -1.33 0.00	32.36 -1.25 0.00	28.97 -1.11 0.00	26.11 -0.97 0.00	28.67 -1.07 0.00	32.72 -1.23 0.00	34.54 -1.28 0.00	29.36 -1.07 0.00	30.41 -1.12 0.00	27.30 -0.95 0.00	27.65 -0.95 0.00	25.37 -0.89 0.00	25.05 -0.87 0.00	24.94 -0.89 0.00	25.05 -0.95 0.00	27.44 -1.10 0.00	31.92 -1.32 0.00	40.05 -1.63 0.00	41.90 -1.67 0.00	36.40 -1.43 0.00	38.29 -1.52 0.00	30.60 -1.21 0.00	29.88 -1.16 0.00
SITHE_IND_GS2 24170	33.68 -1.27 0.00	34.50 -1.33 0.00	32.36 -1.25 0.00	28.97 -1.11 0.00	26.11 -0.97 0.00	28.67 -1.07 0.00	32.72 -1.23 0.00	34.54 -1.28 0.00	29.36 -1.07 0.00	30.41 -1.12 0.00	27.30 -0.95 0.00	27.65 -0.95 0.00	25.37 -0.89 0.00	25.05 -0.87 0.00	24.94 -0.89 0.00	25.05 -0.95 0.00	27.44 -1.10 0.00	31.92 -1.32 0.00	40.05 -1.63 0.00	41.90 -1.67 0.00	36.40 -1.43 0.00	38.29 -1.52 0.00	30.60 -1.21 0.00	29.88 -1.16 0.00
SITHE_IND_GS3 24171	33.68 -1.27 0.00	34.50 -1.33 0.00	32.36 -1.25 0.00	28.97 -1.11 0.00	26.11 -0.97 0.00	28.67 -1.07 0.00	32.72 -1.23 0.00	34.54 -1.28 0.00	29.36 -1.07 0.00	30.41 -1.12 0.00	27.30 -0.95 0.00	27.65 -0.95 0.00	25.37 -0.89 0.00	25.05 -0.87 0.00	24.94 -0.89 0.00	25.05 -0.95 0.00	27.44 -1.10 0.00	31.92 -1.32 0.00	40.05 -1.63 0.00	41.90 -1.67 0.00	36.40 -1.43 0.00	38.29 -1.52 0.00	30.60 -1.21 0.00	29.88 -1.16 0.00

SITHE_IND_GS4 24172	33.68 -1.27 0.00	34.50 -1.33 0.00	32.36 -1.25 0.00	28.97 -1.11 0.00	26.11 -0.97 0.00	28.67 -1.07 0.00	32.72 -1.23 0.00	34.54 -1.28 0.00	29.36 -1.07 0.00	30.41 -1.12 0.00	27.30 -0.95 0.00	27.65 -0.95 0.00	25.37 -0.89 0.00	25.05 -0.87 0.00	24.94 -0.89 0.00	25.05 -0.95 0.00	27.44 -1.10 0.00	31.92 -1.32 0.00	40.05 -1.63 0.00	41.90 -1.67 0.00	36.40 -1.43 0.00	38.29 -1.52 0.00	30.60 -1.21 0.00	29.88 -1.16 0.00
SITHE__BATAVIA 24024	33.91 -1.04 0.00	34.35 -1.48 0.00	32.21 -1.40 0.00	29.07 -1.01 0.00	26.16 -0.93 0.00	28.66 -1.08 0.00	31.72 -1.41 0.82	34.56 -1.26 0.00	29.64 -0.78 0.00	30.58 -0.95 0.00	27.27 -0.97 0.00	28.03 -0.57 0.00	25.37 -0.89 0.00	25.09 -0.83 0.00	24.59 -1.24 0.00	24.27 -1.74 0.00	26.72 -1.82 0.00	30.86 -2.37 0.00	38.52 -3.15 0.00	40.74 -2.84 0.00	35.55 -2.29 0.00	37.39 -2.41 0.00	30.07 -1.74 0.00	29.64 -1.40 0.00
SITHE__INDEPEND 23800	33.68 -1.27 0.00	34.50 -1.33 0.00	32.35 -1.25 0.00	28.97 -1.11 0.00	26.11 -0.97 0.00	28.67 -1.07 0.00	32.71 -1.24 0.00	34.54 -1.28 0.00	29.36 -1.07 0.00	30.41 -1.11 0.00	27.30 -0.95 0.00	27.65 -0.95 0.00	25.37 -0.89 0.00	25.05 -0.87 0.00	24.94 -0.90 0.00	25.05 -0.95 0.00	27.45 -1.09 0.00	31.92 -1.32 0.00	40.05 -1.63 0.00	41.90 -1.67 0.00	36.40 -1.44 0.00	38.29 -1.52 0.00	30.60 -1.21 0.00	29.88 -1.16 0.00
SITHE__MASSENA 23902	35.07 0.12 0.00	35.86 0.03 0.00	33.67 0.06 0.00	30.18 0.10 0.00	27.18 0.09 0.00	29.89 0.15 0.00	34.24 0.29 0.00	36.02 0.20 0.00	30.49 0.06 0.00	31.54 0.02 0.00	28.17 -0.08 0.00	28.57 -0.04 0.00	26.18 -0.07 0.00	25.80 -0.11 0.00	25.63 -0.20 0.00	25.83 -0.18 0.00	28.40 -0.14 0.00	33.21 -0.02 0.00	41.72 0.05 0.00	43.72 0.15 0.00	38.01 0.17 0.00	39.89 0.09 0.00	31.78 -0.03 0.00	31.00 -0.04 0.00
SITHE__OGDNSBRG 24021	35.19 0.24 0.00	35.94 0.11 0.00	33.76 0.15 0.00	30.29 0.21 0.00	27.30 0.21 0.00	30.02 0.29 0.00	34.46 0.51 0.00	35.97 0.15 0.00	30.18 -0.23 0.00	31.17 -0.36 0.00	27.81 -0.44 0.00	28.19 -0.41 0.00	25.84 -0.42 0.00	25.45 -0.46 0.00	25.28 -0.55 0.00	25.49 -0.52 0.00	28.04 -0.50 0.00	32.84 -0.39 0.00	41.32 -0.35 0.00	43.76 0.19 0.00	38.32 0.48 0.00	40.19 0.38 0.00	31.95 0.14 0.00	31.12 0.08 0.00
SITHE__STERLING 23777	35.51 0.56 0.00	36.35 0.52 0.00	34.09 0.47 0.00	30.50 0.42 0.00	27.50 0.41 0.00	30.26 0.52 0.00	34.65 0.70 0.00	36.47 0.65 0.00	30.77 0.35 0.00	31.71 0.18 0.00	28.20 -0.05 0.00	28.48 -0.12 0.00	26.12 -0.14 0.00	25.78 -0.14 0.00	25.71 -0.12 0.00	25.88 -0.13 0.00	28.42 -0.12 0.00	33.26 0.02 0.00	42.21 0.53 0.00	44.41 0.84 0.00	38.66 0.82 0.00	40.63 0.82 0.00	32.37 0.57 0.00	31.50 0.46 0.00
SLEIGHT__34_KV_TB1 80719	34.71 -0.24 0.00	35.39 -0.44 0.00	33.17 -0.44 0.00	29.78 -0.30 0.00	26.81 -0.27 0.00	29.48 -0.25 0.00	33.17 -0.31 0.47	35.62 -0.20 0.00	30.36 -0.06 0.00	31.48 -0.05 0.00	28.15 -0.10 0.00	28.56 -0.04 0.00	25.93 -0.33 0.00	25.63 -0.28 0.00	25.33 -0.51 0.00	25.20 -0.81 0.00	27.70 -0.84 0.00	32.38 -0.85 0.00	40.65 -1.02 0.00	42.64 -0.93 0.00	37.06 -0.78 0.00	38.91 -0.90 0.00	31.08 -0.72 0.00	30.37 -0.66 0.00
SMITHTWN_69_KV_BK 1 55830	37.09 2.14 0.00	38.11 2.28 0.00	35.67 2.06 0.00	31.94 1.86 0.00	32.76 1.90 -3.77	32.26 1.98 -0.55	36.07 1.91 -0.21	38.68 2.06 -0.79	33.75 2.33 -1.00	33.80 2.28 0.00	30.41 2.16 0.00	30.58 1.98 0.00	27.84 1.59 0.00	27.55 1.64 0.00	27.71 1.88 0.00	27.87 1.86 0.00	30.73 2.20 0.00	35.90 2.55 -0.12	46.31 2.72 -1.92	47.96 2.36 -2.03	41.22 1.97 -1.42	42.51 2.40 -0.31	34.90 2.42 -0.68	42.68 2.53 -9.11
SOUTH CAIRO__GT 23612	36.65 1.70 0.00	37.58 1.76 0.00	35.32 1.71 0.00	31.55 1.47 0.00	28.44 1.35 0.00	31.26 1.53 0.00	35.75 1.79 0.00	37.68 1.86 0.00	31.63 1.21 0.00	32.60 1.07 0.00	29.11 0.86 0.00	29.38 0.78 0.00	27.07 0.81 0.00	26.69 0.78 0.00	26.73 0.90 0.00	26.95 0.94 0.00	29.56 1.03 0.00	34.44 1.21 0.00	43.44 1.77 0.00	45.72 2.15 0.00	39.87 2.03 0.00	41.99 2.18 0.00	33.59 1.78 0.00	32.71 1.67 0.00
SOUTH HAMPTN__IC 23720	37.09 2.13 0.00	38.39 2.57 0.00	35.97 2.36 0.00	32.27 2.19 0.00	33.26 2.40 -3.77	32.89 2.61 -0.55	36.95 2.68 -0.32	40.51 2.90 -1.80	34.26 2.84 -1.00	34.09 2.57 0.00	30.79 2.54 0.00	30.84 2.24 0.00	28.04 1.78 0.00	27.68 1.76 0.00	27.85 2.02 0.00	28.09 2.08 0.00	31.02 2.49 0.00	36.47 2.97 -0.27	49.22 3.22 -4.32	50.90 2.76 -4.57	43.28 2.25 -3.19	43.34 2.85 -0.68	36.02 2.93 -1.28	43.23 3.08 -9.11
SOUTHDOWN_115KV_TB1 355954	34.20 -0.75 0.00	34.63 -1.20 0.00	32.30 -1.31 0.00	29.16 -0.92 0.00	26.16 -0.93 0.00	28.77 -0.97 0.00	31.32 -1.42 1.21	34.67 -1.15 0.00	29.86 -0.56 0.00	31.04 -0.48 0.00	27.88 -0.36 0.00	28.70 0.10 0.00	25.82 -0.44 0.00	25.69 -0.23 0.00	25.11 -0.72 0.00	24.72 -1.29 0.00	27.20 -1.34 0.00	31.86 -1.37 0.00	39.47 -2.20 0.00	41.43 -2.14 0.00	35.99 -1.85 0.00	37.70 -2.11 0.00	30.12 -1.69 0.00	29.53 -1.51 0.00
SOUTHOLD_69_KV_BK 2 55809	37.01 2.06 0.00	38.38 2.55 0.00	35.97 2.36 0.00	32.29 2.21 0.00	33.42 2.56 -3.77	33.10 2.82 -0.55	37.20 2.93 -0.32	40.81 3.20 -1.80	34.50 3.08 -1.00	34.33 2.80 0.00	30.98 2.73 0.00	31.02 2.42 0.00	28.19 1.94 0.00	27.82 1.91 0.00	27.95 2.12 0.00	28.15 2.15 0.00	31.11 2.57 0.00	36.59 3.09 -0.27	49.46 3.46 -4.32	51.25 3.11 -4.57	43.59 2.57 -3.19	43.61 3.11 -0.68	36.28 3.19 -1.28	43.47 3.32 -9.11
SOUTHOLD__IC 23719	37.02 2.06 0.00	38.37 2.55 0.00	35.97 2.36 0.00	32.29 2.21 0.00	33.41 2.55 -3.77	33.10 2.82 -0.55	37.21 2.94 -0.32	40.82 3.20 -1.80	34.50 3.08 -1.00	34.33 2.81 0.00	30.98 2.73 0.00	31.02 2.42 0.00	28.19 1.94 0.00	27.82 1.91 0.00	27.95 2.12 0.00	28.15 2.15 0.00	31.11 2.57 0.00	36.59 3.09 -0.27	49.47 3.47 -4.32	51.24 3.11 -4.57	43.60 2.57 -3.19	43.61 3.12 -0.68	36.28 3.19 -1.28	43.47 3.32 -9.11
SOUTH_FORK_WT_PWR 323839	36.76 1.81 0.00	38.21 2.38 0.00	35.83 2.23 0.00	32.19 2.11 0.00	33.44 2.58 -3.77	33.15 2.87 -0.55	37.28 3.01 -0.32	40.89 3.28 -1.80	34.55 3.12 -1.00	34.37 2.85 0.00	31.03 2.78 0.00	31.08 2.48 0.00	28.24 1.98 0.00	27.85 1.94 0.00	27.94 2.11 0.00	28.12 2.12 0.00	31.08 2.54 0.00	36.54 3.04 -0.27	49.46 3.46 -4.32	51.28 3.14 -4.57	43.63 2.61 -3.19	43.61 3.12 -0.68	36.33 3.24 -1.28	43.53 3.39 -9.11
SPIERFLS_115KV_TB 1 80737	35.65 0.70 0.00	36.55 0.72 0.00	34.39 0.78 0.00	30.76 0.68 0.00	27.74 0.65 0.00	30.54 0.81 0.00	34.79 0.84 0.00	36.57 0.75 0.00	30.70 0.28 0.00	31.57 0.04 0.00	28.19 -0.06 0.00	28.40 -0.20 0.00	26.14 -0.11 0.00	25.73 -0.19 0.00	25.82 -0.01 0.00	26.13 0.13 0.00	28.76 0.22 0.00	33.62 0.39 0.00	42.40 0.72 0.00	44.46 0.89 0.00	38.64 0.80 0.00	40.80 0.99 0.00	32.65 0.84 0.00	31.92 0.88 0.00

ST LAWRENCE____ 23600	34.90 -0.05 0.00	35.70 -0.13 0.00	33.52 -0.10 0.00	30.03 -0.05 0.00	27.05 -0.04 0.00	29.71 -0.02 0.00	34.01 0.06 0.00	35.85 0.03 0.00	30.42 0.00 0.00	31.52 0.00 0.00	28.17 -0.08 0.00	28.56 -0.04 0.00	26.18 -0.08 0.00	25.81 -0.10 0.00	25.65 -0.18 0.00	25.85 -0.16 0.00	28.41 -0.12 0.00	33.20 -0.03 0.00	41.66 -0.02 0.00	43.57 -0.01 0.00	37.84 0.00 0.00	39.75 -0.06 0.00	31.66 -0.15 0.00	30.89 -0.14 0.00
STATE_CA_115KV_115_LB 55624	35.86 0.91 0.00	36.85 1.02 0.00	34.60 0.99 0.00	30.91 0.83 0.00	27.83 0.75 0.00	30.54 0.81 0.00	34.81 0.86 0.00	36.69 0.87 0.00	31.11 0.69 0.00	32.26 0.73 0.00	28.91 0.66 0.00	29.22 0.62 0.00	26.93 0.68 0.00	26.56 0.65 0.00	26.59 0.76 0.00	26.83 0.82 0.00	29.34 0.81 0.00	34.10 0.87 0.00	42.73 1.06 0.00	44.54 0.97 0.00	38.71 0.87 0.00	40.75 0.94 0.00	32.69 0.88 0.00	31.87 0.84 0.00
STATE_ST_34_KV_LOAD 55959	34.77 -0.18 0.00	35.56 -0.26 0.00	33.32 -0.29 0.00	29.86 -0.22 0.00	26.90 -0.19 0.00	29.59 -0.14 0.00	33.44 -0.18 0.32	35.66 -0.16 0.00	30.31 -0.11 0.00	31.34 -0.19 0.00	28.01 -0.24 0.00	28.30 -0.30 0.00	25.84 -0.41 0.00	25.53 -0.38 0.00	25.41 -0.42 0.00	25.49 -0.52 0.00	27.96 -0.57 0.00	32.69 -0.54 0.00	41.20 -0.48 0.00	43.31 -0.26 0.00	37.63 -0.21 0.00	39.54 -0.27 0.00	31.58 -0.23 0.00	30.79 -0.25 0.00
STATION_5_MISC_HYD 23604	34.48 -0.47 0.00	35.07 -0.76 0.00	32.87 -0.74 0.00	29.56 -0.52 0.00	26.62 -0.46 0.00	29.22 -0.51 0.00	32.70 -0.66 0.59	35.28 -0.54 0.00	30.16 -0.26 0.00	31.29 -0.23 0.00	28.03 -0.22 0.00	28.64 0.04 0.00	25.95 -0.31 0.00	25.66 -0.25 0.00	25.29 -0.54 0.00	25.09 -0.91 0.00	27.61 -0.92 0.00	32.19 -1.04 0.00	40.25 -1.43 0.00	42.17 -1.40 0.00	36.66 -1.18 0.00	38.53 -1.28 0.00	30.83 -0.98 0.00	30.20 -0.84 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.67 -0.28 0.00	35.33 -0.50 0.00	33.10 -0.51 0.00	29.73 -0.35 0.00	26.78 -0.31 0.00	29.43 -0.30 0.00	33.01 -0.39 0.55	35.54 -0.28 0.00	30.34 -0.08 0.00	31.44 -0.08 0.00	28.16 -0.09 0.00	28.63 0.03 0.00	25.98 -0.27 0.00	25.67 -0.24 0.00	25.40 -0.44 0.00	25.27 -0.74 0.00	27.79 -0.75 0.00	32.49 -0.74 0.00	40.75 -0.93 0.00	42.72 -0.85 0.00	37.12 -0.72 0.00	38.98 -0.83 0.00	31.16 -0.65 0.00	30.44 -0.59 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.48 -0.47 0.00	35.07 -0.75 0.00	32.89 -0.73 0.00	29.56 -0.52 0.00	26.62 -0.46 0.00	29.23 -0.51 0.00	32.73 -0.65 0.58	35.28 -0.54 0.00	30.16 -0.26 0.00	31.31 -0.22 0.00	28.03 -0.21 0.00	28.62 0.01 0.00	25.95 -0.30 0.00	25.66 -0.25 0.00	25.29 -0.54 0.00	25.09 -0.92 0.00	27.60 -0.94 0.00	32.19 -1.05 0.00	40.25 -1.42 0.00	42.14 -1.43 0.00	36.63 -1.22 0.00	38.49 -1.32 0.00	30.79 -1.02 0.00	30.15 -0.89 0.00
STA_56____34_KV_BUS2 355983	34.48 -0.47 0.00	35.07 -0.75 0.00	32.89 -0.73 0.00	29.56 -0.52 0.00	26.62 -0.46 0.00	29.23 -0.51 0.00	32.73 -0.65 0.58	35.28 -0.54 0.00	30.16 -0.26 0.00	31.31 -0.22 0.00	28.03 -0.21 0.00	28.62 0.01 0.00	25.95 -0.30 0.00	25.66 -0.25 0.00	25.29 -0.54 0.00	25.09 -0.92 0.00	27.60 -0.94 0.00	32.19 -1.05 0.00	40.25 -1.42 0.00	42.14 -1.43 0.00	36.63 -1.22 0.00	38.49 -1.32 0.00	30.79 -1.02 0.00	30.15 -0.89 0.00
STA_67____115KV_BK2 355882	34.42 -0.53 0.00	34.99 -0.83 0.00	32.81 -0.80 0.00	29.50 -0.58 0.00	26.57 -0.52 0.00	29.15 -0.58 0.00	32.63 -0.73 0.59	35.20 -0.62 0.00	30.09 -0.33 0.00	31.23 -0.30 0.00	27.96 -0.29 0.00	28.57 -0.03 0.00	25.89 -0.36 0.00	25.61 -0.31 0.00	25.23 -0.60 0.00	25.04 -0.97 0.00	27.55 -0.98 0.00	32.12 -1.11 0.00	40.16 -1.52 0.00	42.08 -1.49 0.00	36.58 -1.26 0.00	38.44 -1.36 0.00	30.76 -1.05 0.00	30.14 -0.90 0.00
STA_7____115KV_9TRANS 80674	34.67 -0.28 0.00	35.24 -0.58 0.00	33.03 -0.58 0.00	29.70 -0.38 0.00	26.75 -0.34 0.00	29.37 -0.36 0.00	32.88 -0.48 0.59	35.48 -0.34 0.00	30.33 -0.09 0.00	31.49 -0.04 0.00	28.19 -0.06 0.00	28.81 0.21 0.00	26.09 -0.16 0.00	25.80 -0.11 0.00	25.42 -0.41 0.00	25.21 -0.80 0.00	27.75 -0.78 0.00	32.36 -0.88 0.00	40.49 -1.19 0.00	42.43 -1.14 0.00	36.86 -0.97 0.00	38.73 -1.07 0.00	31.00 -0.81 0.00	30.35 -0.68 0.00
STA_82____115KV_TB1 80780	34.39 -0.57 0.00	34.96 -0.87 0.00	32.78 -0.83 0.00	29.48 -0.60 0.00	26.54 -0.54 0.00	29.12 -0.61 0.00	32.58 -0.77 0.60	35.15 -0.67 0.00	30.06 -0.36 0.00	31.18 -0.34 0.00	27.93 -0.32 0.00	28.53 -0.07 0.00	25.87 -0.39 0.00	25.58 -0.34 0.00	25.21 -0.62 0.00	25.01 -1.00 0.00	27.52 -1.02 0.00	32.08 -1.15 0.00	40.10 -1.57 0.00	42.02 -1.55 0.00	36.52 -1.31 0.00	38.40 -1.41 0.00	30.73 -1.08 0.00	30.10 -0.93 0.00
STEEL____WIND 323596	33.10 -1.85 0.00	33.48 -2.35 0.00	31.36 -2.25 0.00	28.34 -1.74 0.00	25.37 -1.72 0.00	27.74 -2.00 0.00	30.19 -2.64 1.12	33.27 -2.55 0.00	28.72 -1.71 0.00	29.89 -1.64 0.00	26.82 -1.43 0.00	27.64 -0.96 0.00	24.84 -1.42 0.00	24.73 -1.19 0.00	24.12 -1.72 0.00	23.69 -2.31 0.00	26.07 -2.46 0.00	30.46 -2.77 0.00	37.63 -4.04 0.00	39.41 -4.16 0.00	34.24 -3.60 0.00	35.97 -3.84 0.00	28.91 -2.90 0.00	28.56 -2.48 0.00
STEPHTWN_115KV_BK_2 55603	36.03 1.08 0.00	37.00 1.18 0.00	34.73 1.12 0.00	31.01 0.93 0.00	27.93 0.84 0.00	30.68 0.94 0.00	34.99 1.03 0.00	36.89 1.07 0.00	31.24 0.82 0.00	32.36 0.84 0.00	28.97 0.72 0.00	29.27 0.67 0.00	26.98 0.73 0.00	26.56 0.64 0.00	26.63 0.80 0.00	26.88 0.87 0.00	29.43 0.89 0.00	34.24 1.01 0.00	43.00 1.32 0.00	44.84 1.27 0.00	38.98 1.14 0.00	41.04 1.23 0.00	32.89 1.08 0.00	32.07 1.03 0.00
STEBEN_REC_LFGE 323667	34.41 -0.54 0.00	34.90 -0.93 0.00	32.54 -1.07 0.00	29.25 -0.83 0.00	26.12 -0.97 0.00	28.60 -1.14 0.00	30.44 -1.62 1.89	34.39 -1.43 0.00	29.62 -0.80 0.00	30.49 -1.04 0.00	27.51 -0.74 0.00	28.27 -0.34 0.00	25.48 -0.77 0.00	25.29 -0.62 0.00	25.01 -0.82 0.00	24.90 -1.11 0.00	27.37 -1.17 0.00	32.00 -1.23 0.00	40.00 -1.68 0.00	42.10 -1.47 0.00	36.30 -1.54 0.00	37.95 -1.86 0.00	30.14 -1.67 0.00	29.26 -1.77 0.00
STILLWATER____SOLAR 323814	36.09 1.14 0.00	37.05 1.22 0.00	34.82 1.21 0.00	31.12 1.04 0.00	28.04 0.95 0.00	30.83 1.09 0.00	35.12 1.17 0.00	36.93 1.11 0.00	31.11 0.69 0.00	32.12 0.59 0.00	28.71 0.46 0.00	28.97 0.37 0.00	26.68 0.43 0.00	26.28 0.36 0.00	26.34 0.51 0.00	26.63 0.63 0.00	29.27 0.73 0.00	34.16 0.93 0.00	43.03 1.35 0.00	45.07 1.50 0.00	39.14 1.30 0.00	41.28 1.47 0.00	33.05 1.24 0.00	32.26 1.22 0.00
STONY____BROOK 24151	37.04 2.09 0.00	38.08 2.25 0.00	35.64 2.04 0.00	31.93 1.85 0.00	32.75 1.89 -3.77	32.24 1.96 -0.55	36.12 1.90 -0.27	39.16 2.05 -1.29	33.74 2.32 -1.00	33.78 2.25 0.00	30.40 2.15 0.00	30.56 1.96 0.00	27.82 1.57 0.00	27.53 1.61 0.00	27.69 1.86 0.00	27.86 1.85 0.00	30.72 2.19 0.00	35.97 2.54 -0.19	47.49 2.70 -3.12	49.17 2.30 -3.30	42.05 1.91 -2.30	42.66 2.36 -0.49	35.19 2.40 -0.98	42.66 2.51 -9.11

STURGEON_POOL_HYD 23609	36.67 1.71 0.00	37.49 1.66 0.00	35.05 1.44 0.00	31.35 1.27 0.00	28.38 1.29 0.00	31.07 1.33 0.00	35.65 1.57 -0.13	37.61 1.79 0.00	32.20 1.78 0.00	33.44 1.91 0.00	30.01 1.76 0.00	30.31 1.71 0.00	27.92 1.66 0.00	27.65 1.74 0.00	27.68 1.85 0.00	27.78 1.77 0.00	30.38 1.84 0.00	35.30 2.07 0.00	44.03 2.35 0.00	45.87 2.30 0.00	39.84 2.00 0.00	41.92 2.12 0.00	33.57 1.76 0.00	32.72 1.68 0.00
ST_LAW_115_BK7_LBMP 345037	34.86 -0.09 0.00	35.66 -0.17 0.00	33.48 -0.13 0.00	30.00 -0.08 0.00	27.03 -0.06 0.00	29.69 -0.05 0.00	33.99 0.04 0.00	35.82 0.00 0.00	30.39 -0.04 0.00	31.49 -0.04 0.00	28.13 -0.11 0.00	28.53 -0.08 0.00	26.15 -0.10 0.00	25.77 -0.14 0.00	25.61 -0.22 0.00	25.81 -0.20 0.00	28.38 -0.16 0.00	33.17 -0.06 0.00	41.61 -0.06 0.00	43.55 -0.02 0.00	37.82 -0.02 0.00	39.72 -0.09 0.00	31.65 -0.16 0.00	30.87 -0.17 0.00
ST_LAW_115_BK8_LBMP 345038	34.86 -0.09 0.00	35.66 -0.17 0.00	33.48 -0.13 0.00	30.00 -0.08 0.00	27.03 -0.06 0.00	29.69 -0.05 0.00	33.99 0.04 0.00	35.82 0.00 0.00	30.39 -0.04 0.00	31.49 -0.04 0.00	28.13 -0.11 0.00	28.53 -0.08 0.00	26.15 -0.10 0.00	25.77 -0.14 0.00	25.61 -0.22 0.00	25.81 -0.20 0.00	28.38 -0.16 0.00	33.17 -0.06 0.00	41.61 -0.06 0.00	43.55 -0.02 0.00	37.82 -0.02 0.00	39.72 -0.09 0.00	31.65 -0.16 0.00	30.87 -0.17 0.00
ST_LAW_230_BK5_LBMP 345035	34.90 -0.05 0.00	35.70 -0.13 0.00	33.52 -0.10 0.00	30.03 -0.05 0.00	27.05 -0.04 0.00	29.71 -0.02 0.00	34.01 0.06 0.00	35.85 0.03 0.00	30.42 0.00 0.00	31.52 0.00 0.00	28.17 -0.08 0.00	28.56 -0.04 0.00	26.18 -0.08 0.00	25.81 -0.10 0.00	25.65 -0.18 0.00	25.85 -0.16 0.00	28.41 -0.12 0.00	33.20 -0.03 0.00	41.66 -0.02 0.00	43.57 -0.01 0.00	37.84 0.00 0.00	39.75 -0.06 0.00	31.66 -0.15 0.00	30.89 -0.14 0.00
ST_LAW_230_BK6_LBMP 345036	34.90 -0.05 0.00	35.70 -0.13 0.00	33.52 -0.10 0.00	30.03 -0.05 0.00	27.05 -0.04 0.00	29.71 -0.02 0.00	34.01 0.06 0.00	35.85 0.03 0.00	30.42 0.00 0.00	31.52 0.00 0.00	28.17 -0.08 0.00	28.56 -0.04 0.00	26.18 -0.08 0.00	25.81 -0.10 0.00	25.65 -0.18 0.00	25.85 -0.16 0.00	28.41 -0.12 0.00	33.20 -0.03 0.00	41.66 -0.02 0.00	43.57 -0.01 0.00	37.84 0.00 0.00	39.75 -0.06 0.00	31.66 -0.15 0.00	30.89 -0.14 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.46 1.51 0.00	37.29 1.46 0.00	34.87 1.26 0.00	31.19 1.11 0.00	28.19 1.10 0.00	30.87 1.14 0.00	35.44 1.35 -0.14	37.30 1.48 0.00	31.82 1.40 0.00	33.07 1.55 0.00	29.70 1.45 0.00	30.02 1.42 0.00	27.64 1.38 0.00	27.39 1.48 0.00	27.40 1.57 0.00	27.60 1.60 0.00	30.31 1.77 0.00	35.23 2.00 0.00	43.98 2.26 0.00	45.83 2.26 0.00	39.77 1.94 0.00	41.81 2.00 0.00	33.49 1.68 0.00	32.65 1.62 0.00
SWANROAD_115KV_TB1 355699	32.20 -2.75 0.00	32.50 -3.33 0.00	30.52 -3.09 0.00	27.61 -2.46 0.00	24.80 -2.28 0.00	27.04 -2.69 0.00	29.53 -3.44 0.98	32.36 -3.46 0.00	27.94 -2.48 0.00	29.12 -2.40 0.00	26.05 -2.20 0.00	26.87 -1.74 0.00	24.12 -2.14 0.00	23.99 -1.93 0.00	23.39 -2.44 0.00	22.84 -3.17 0.00	25.12 -3.41 0.00	29.30 -3.93 0.00	36.12 -5.55 0.00	37.90 -5.67 0.00	32.95 -4.88 0.00	34.71 -5.10 0.00	28.12 -3.69 0.00	27.97 -3.06 0.00
SYNERGY__BIOGAS 323694	33.93 -1.03 0.00	34.35 -1.48 0.00	32.21 -1.40 0.00	29.07 -1.01 0.00	26.15 -0.93 0.00	28.66 -1.08 0.00	31.72 -1.40 0.82	34.56 -1.26 0.00	29.64 -0.78 0.00	30.59 -0.93 0.00	27.28 -0.97 0.00	28.03 -0.57 0.00	25.37 -0.88 0.00	25.09 -0.83 0.00	24.59 -1.25 0.00	24.27 -1.74 0.00	26.72 -1.82 0.00	30.86 -2.37 0.00	38.53 -3.14 0.00	40.74 -2.83 0.00	35.56 -2.28 0.00	37.40 -2.41 0.00	30.06 -1.75 0.00	29.63 -1.40 0.00
SYRACUSE__ENERGY_ST1 323597	34.48 -0.47 0.00	35.30 -0.53 0.00	33.09 -0.52 0.00	29.63 -0.45 0.00	26.71 -0.38 0.00	29.35 -0.38 0.00	33.34 -0.44 0.17	35.38 -0.44 0.00	30.07 -0.35 0.00	31.11 -0.41 0.00	27.85 -0.40 0.00	28.18 -0.42 0.00	25.81 -0.45 0.00	25.48 -0.43 0.00	25.38 -0.45 0.00	25.50 -0.50 0.00	27.99 -0.55 0.00	32.65 -0.58 0.00	41.04 -0.64 0.00	43.00 -0.57 0.00	37.35 -0.49 0.00	39.27 -0.54 0.00	31.37 -0.44 0.00	30.61 -0.43 0.00
SYRACUSE__ENERGY_ST2 323598	34.48 -0.47 0.00	35.30 -0.53 0.00	33.09 -0.52 0.00	29.63 -0.45 0.00	26.71 -0.38 0.00	29.35 -0.38 0.00	33.34 -0.44 0.17	35.38 -0.44 0.00	30.07 -0.35 0.00	31.11 -0.41 0.00	27.85 -0.40 0.00	28.18 -0.42 0.00	25.81 -0.45 0.00	25.48 -0.43 0.00	25.38 -0.45 0.00	25.50 -0.50 0.00	27.99 -0.55 0.00	32.65 -0.58 0.00	41.04 -0.64 0.00	43.00 -0.57 0.00	37.35 -0.49 0.00	39.27 -0.54 0.00	31.37 -0.44 0.00	30.61 -0.43 0.00
SYRACUSE__POWER 24017	34.53 -0.42 0.00	35.35 -0.47 0.00	33.14 -0.47 0.00	29.67 -0.41 0.00	26.73 -0.36 0.00	29.38 -0.35 0.00	33.55 -0.40 0.00	35.42 -0.39 0.00	30.11 -0.31 0.00	31.16 -0.37 0.00	27.88 -0.36 0.00	28.23 -0.38 0.00	25.86 -0.40 0.00	25.53 -0.38 0.00	25.43 -0.40 0.00	25.57 -0.43 0.00	28.05 -0.49 0.00	32.71 -0.52 0.00	41.12 -0.56 0.00	43.06 -0.51 0.00	37.41 -0.43 0.00	39.34 -0.47 0.00	31.42 -0.39 0.00	30.64 -0.39 0.00
TALLMAN__138KV_BK151 55660	36.43 1.48 0.00	37.24 1.41 0.00	34.81 1.20 0.00	31.13 1.05 0.00	28.15 1.06 0.00	30.82 1.09 0.00	35.39 1.30 -0.13	37.26 1.44 0.00	31.81 1.39 0.00	33.12 1.59 0.00	29.76 1.52 0.00	30.11 1.51 0.00	27.72 1.46 0.00	27.49 1.58 0.00	27.52 1.69 0.00	27.73 1.72 0.00	30.44 1.90 0.00	35.34 2.11 0.00	44.05 2.37 0.00	45.86 2.29 0.00	39.81 1.97 0.00	41.83 2.02 0.00	33.51 1.70 0.00	32.68 1.65 0.00
TEALLAVE_115KV_TB7 355573	34.35 -0.60 0.00	35.17 -0.66 0.00	32.97 -0.65 0.00	29.51 -0.57 0.00	26.60 -0.49 0.00	29.22 -0.51 0.00	33.36 -0.59 0.00	35.24 -0.58 0.00	29.96 -0.46 0.00	31.03 -0.50 0.00	27.78 -0.46 0.00	28.14 -0.47 0.00	25.78 -0.47 0.00	25.46 -0.45 0.00	25.35 -0.48 0.00	25.47 -0.54 0.00	27.94 -0.60 0.00	32.56 -0.67 0.00	40.89 -0.79 0.00	42.79 -0.77 0.00	37.17 -0.67 0.00	39.09 -0.72 0.00	31.23 -0.58 0.00	30.47 -0.56 0.00
TELEGRAPH_34_KV_EAST 80808	33.10 -1.85 0.00	33.46 -2.37 0.00	31.40 -2.21 0.00	28.37 -1.71 0.00	25.49 -1.60 0.00	27.88 -1.86 0.00	30.65 -2.41 0.89	33.48 -2.34 0.00	28.82 -1.60 0.00	29.93 -1.60 0.00	26.73 -1.51 0.00	27.53 -1.08 0.00	24.78 -1.47 0.00	24.60 -1.31 0.00	24.04 -1.80 0.00	23.62 -2.39 0.00	25.99 -2.55 0.00	30.22 -3.02 0.00	37.47 -4.20 0.00	39.42 -4.15 0.00	34.31 -3.53 0.00	36.12 -3.69 0.00	29.12 -2.69 0.00	28.82 -2.21 0.00
TEMPLE__115KV_TB 2 55572	34.36 -0.59 0.00	35.18 -0.65 0.00	32.98 -0.63 0.00	29.54 -0.54 0.00	26.62 -0.47 0.00	29.23 -0.50 0.00	33.38 -0.57 0.00	35.25 -0.57 0.00	29.98 -0.44 0.00	31.05 -0.47 0.00	27.81 -0.44 0.00	28.16 -0.45 0.00	25.80 -0.45 0.00	25.48 -0.43 0.00	25.38 -0.46 0.00	25.50 -0.51 0.00	27.97 -0.57 0.00	32.59 -0.64 0.00	40.92 -0.76 0.00	42.82 -0.75 0.00	37.20 -0.64 0.00	39.11 -0.70 0.00	31.25 -0.56 0.00	30.48 -0.55 0.00

TIANA___69_KV_BK 1 55817	37.10 2.14 0.00	38.37 2.54 0.00	35.95 2.34 0.00	32.24 2.16 0.00	33.17 2.31 -3.77	32.78 2.50 -0.55	36.82 2.54 -0.32	40.37 2.76 -1.80	34.16 2.73 -1.00	33.99 2.46 0.00	30.69 2.45 0.00	30.75 2.14 0.00	27.96 1.70 0.00	27.60 1.69 0.00	27.80 1.97 0.00	28.04 2.03 0.00	30.96 2.43 0.00	36.40 2.90 -0.27	49.10 3.11 -4.32	50.76 2.62 -4.57	43.15 2.13 -3.19	43.22 2.73 -0.68	35.91 2.82 -1.28	43.11 2.96 -9.11
TILDEN___115KV_TB1 80814	34.53 -0.42 0.00	35.35 -0.47 0.00	33.14 -0.47 0.00	29.67 -0.41 0.00	26.73 -0.36 0.00	29.38 -0.35 0.00	33.55 -0.40 0.00	35.42 -0.39 0.00	30.11 -0.31 0.00	31.16 -0.37 0.00	27.88 -0.36 0.00	28.23 -0.38 0.00	25.86 -0.40 0.00	25.53 -0.38 0.00	25.43 -0.40 0.00	25.57 -0.43 0.00	28.05 -0.49 0.00	32.71 -0.52 0.00	41.12 -0.56 0.00	43.06 -0.51 0.00	37.41 -0.43 0.00	39.34 -0.47 0.00	31.42 -0.39 0.00	30.64 -0.39 0.00
TRIGEN___CC 323695	36.94 1.99 0.00	37.88 2.05 0.00	35.45 1.84 0.00	31.72 1.64 0.00	32.53 1.67 -3.77	32.00 1.71 -0.55	35.81 1.74 -0.13	37.72 1.90 0.00	33.48 2.06 -1.00	33.69 2.17 0.00	30.31 2.06 0.00	30.51 1.91 0.00	27.97 1.71 0.00	27.72 1.80 0.00	27.81 1.98 0.00	27.96 1.95 0.00	30.73 2.19 0.00	35.75 2.51 0.00	44.35 2.68 0.00	46.02 2.45 0.00	39.92 2.08 0.00	42.13 2.33 0.00	34.21 2.20 -0.19	42.40 2.25 -9.11
TRINITY___115KV___4 BK 55933	35.73 0.78 0.00	36.72 0.89 0.00	34.49 0.88 0.00	30.81 0.73 0.00	27.74 0.65 0.00	30.44 0.70 0.00	34.68 0.73 0.00	36.55 0.73 0.00	31.00 0.58 0.00	32.16 0.63 0.00	28.83 0.58 0.00	29.14 0.54 0.00	26.86 0.60 0.00	26.48 0.57 0.00	26.52 0.69 0.00	26.76 0.75 0.00	29.25 0.72 0.00	33.97 0.73 0.00	42.53 0.86 0.00	44.34 0.77 0.00	38.54 0.70 0.00	40.59 0.78 0.00	32.57 0.76 0.00	31.78 0.74 0.00
UNION___PROCESSING_DRP 323587	34.39 -0.56 0.00	34.96 -0.86 0.00	32.78 -0.83 0.00	29.48 -0.60 0.00	26.54 -0.54 0.00	29.13 -0.60 0.00	32.59 -0.76 0.60	35.16 -0.66 0.00	30.06 -0.36 0.00	31.19 -0.34 0.00	27.93 -0.32 0.00	28.53 -0.07 0.00	25.87 -0.39 0.00	25.58 -0.34 0.00	25.21 -0.62 0.00	25.01 -0.99 0.00	27.53 -1.01 0.00	32.08 -1.15 0.00	40.11 -1.57 0.00	42.03 -1.54 0.00	36.54 -1.30 0.00	38.41 -1.40 0.00	30.73 -1.08 0.00	30.11 -0.93 0.00
UPPER HUDSON___HYD 24058	35.65 0.70 0.00	36.55 0.72 0.00	34.39 0.78 0.00	30.76 0.68 0.00	27.74 0.65 0.00	30.55 0.81 0.00	34.79 0.84 0.00	36.57 0.75 0.00	30.70 0.28 0.00	31.57 0.04 0.00	28.19 -0.06 0.00	28.40 -0.20 0.00	26.14 -0.11 0.00	25.72 -0.19 0.00	25.82 -0.01 0.00	26.13 0.13 0.00	28.76 0.22 0.00	33.62 0.39 0.00	42.40 0.72 0.00	44.46 0.89 0.00	38.64 0.80 0.00	40.80 0.99 0.00	32.65 0.84 0.00	31.92 0.89 0.00
UPPER RAQUET___HYD 24056	33.93 -1.02 0.00	34.69 -1.13 0.00	32.61 -1.00 0.00	29.21 -0.87 0.00	26.32 -0.76 0.00	28.97 -0.77 0.00	33.28 -0.67 0.00	34.91 -0.91 0.00	29.37 -1.05 0.00	30.36 -1.16 0.00	27.08 -1.17 0.00	27.42 -1.18 0.00	25.14 -1.11 0.00	24.76 -1.15 0.00	24.61 -1.22 0.00	24.82 -1.19 0.00	27.27 -1.26 0.00	31.93 -1.30 0.00	40.23 -1.44 0.00	42.40 -1.17 0.00	36.96 -0.88 0.00	38.74 -1.07 0.00	30.78 -1.03 0.00	29.95 -1.09 0.00
VALLEY44_115KV_TB2 355964	33.31 -1.64 0.00	33.68 -2.15 0.00	31.47 -2.14 0.00	28.40 -1.68 0.00	25.45 -1.63 0.00	27.93 -1.81 0.00	30.39 -2.31 1.25	33.55 -2.27 0.00	28.92 -1.50 0.00	30.20 -1.33 0.00	27.12 -1.13 0.00	27.93 -0.68 0.00	25.14 -1.12 0.00	25.07 -0.85 0.00	24.53 -1.29 0.00	24.21 -1.79 0.00	26.61 -1.92 0.00	31.06 -2.18 0.00	38.46 -3.22 0.00	40.31 -3.26 0.00	34.99 -2.85 0.00	36.72 -3.08 0.00	29.50 -2.31 0.00	28.90 -2.14 0.00
VALLEY___115KV_TB 1-4 80826	35.49 0.54 0.00	36.52 0.69 0.00	34.26 0.64 0.00	30.60 0.52 0.00	27.55 0.47 0.00	30.34 0.60 0.00	34.60 0.65 0.00	36.25 0.43 0.00	30.29 -0.13 0.00	31.10 -0.43 0.00	27.78 -0.47 0.00	28.03 -0.57 0.00	25.71 -0.54 0.00	25.36 -0.55 0.00	25.34 -0.49 0.00	25.58 -0.43 0.00	28.11 -0.43 0.00	32.89 -0.34 0.00	41.83 0.16 0.00	44.24 0.67 0.00	38.39 0.55 0.00	40.31 0.50 0.00	32.23 0.43 0.00	31.35 0.32 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.17 1.21 0.00	37.19 1.36 0.00	34.81 1.20 0.00	31.10 1.02 0.00	27.97 0.89 0.00	30.72 0.98 0.00	35.45 1.15 -0.34	37.05 1.23 0.00	31.45 1.04 0.00	32.53 1.01 0.00	29.11 0.87 0.00	29.44 0.83 0.00	27.02 0.76 0.00	26.70 0.79 0.00	26.67 0.84 0.00	26.87 0.86 0.00	29.57 1.03 0.00	34.54 1.31 0.00	43.45 1.77 0.00	45.35 1.78 0.00	39.30 1.46 0.00	41.40 1.59 0.00	33.09 1.28 0.00	32.25 1.22 0.00
VISCHER___FERRY HYD 24020	35.98 1.03 0.00	36.95 1.12 0.00	34.74 1.13 0.00	31.03 0.95 0.00	27.92 0.83 0.00	30.67 0.94 0.00	34.90 0.95 0.00	36.78 0.96 0.00	31.14 0.72 0.00	32.29 0.77 0.00	28.91 0.66 0.00	29.19 0.59 0.00	26.91 0.65 0.00	26.49 0.58 0.00	26.56 0.73 0.00	26.86 0.86 0.00	29.43 0.89 0.00	34.20 0.97 0.00	42.91 1.24 0.00	44.82 1.25 0.00	38.93 1.09 0.00	41.06 1.25 0.00	32.90 1.09 0.00	32.13 1.09 0.00
V_A_10_SYNC_DSASP 323832	32.97 -1.98 0.00	33.36 -2.47 0.00	31.29 -2.32 0.00	28.26 -1.82 0.00	25.40 -1.69 0.00	27.76 -1.97 0.00	30.55 -2.54 0.86	33.32 -2.50 0.00	28.67 -1.75 0.00	29.90 -1.63 0.00	26.78 -1.47 0.00	27.54 -1.07 0.00	24.81 -1.45 0.00	24.63 -1.29 0.00	24.10 -1.73 0.00	23.72 -2.29 0.00	26.13 -2.41 0.00	30.49 -2.74 0.00	37.72 -3.96 0.00	39.48 -4.09 0.00	34.31 -3.53 0.00	36.12 -3.69 0.00	29.07 -2.74 0.00	28.68 -2.35 0.00
V_CMM_10_SYNC_DSASP 323787	35.01 0.06 0.00	35.81 -0.02 0.00	33.62 0.01 0.00	30.13 0.05 0.00	27.14 0.05 0.00	29.82 0.08 0.00	34.14 0.18 0.00	35.97 0.15 0.00	30.51 0.08 0.00	31.61 0.09 0.00	28.24 -0.01 0.00	28.64 0.03 0.00	26.24 -0.02 0.00	25.87 -0.05 0.00	25.71 -0.12 0.00	25.90 -0.10 0.00	28.48 -0.06 0.00	33.29 0.06 0.00	41.78 0.10 0.00	43.69 0.12 0.00	37.96 0.12 0.00	39.88 0.07 0.00	31.78 -0.03 0.00	31.00 -0.04 0.00
V_CMP_10_SYNC_DSASP 323788	35.39 0.44 0.00	36.30 0.47 0.00	34.15 0.54 0.00	30.57 0.49 0.00	27.54 0.46 0.00	30.30 0.56 0.00	34.61 0.66 0.00	36.44 0.62 0.00	30.88 0.46 0.00	31.96 0.43 0.00	28.51 0.26 0.00	28.82 0.22 0.00	26.50 0.25 0.00	26.08 0.17 0.00	25.99 0.16 0.00	26.22 0.21 0.00	28.80 0.27 0.00	33.65 0.42 0.00	42.23 0.55 0.00	44.17 0.60 0.00	38.30 0.46 0.00	40.20 0.39 0.00	31.88 0.07 0.00	31.03 -0.01 0.00
V_D_10_SYNC_DSASP 323841	35.08 0.13 0.00	35.87 0.04 0.00	33.68 0.07 0.00	30.18 0.10 0.00	27.19 0.11 0.00	29.88 0.15 0.00	34.24 0.29 0.00	36.02 0.20 0.00	30.50 0.08 0.00	31.55 0.03 0.00	28.18 -0.07 0.00	28.57 -0.03 0.00	26.19 -0.07 0.00	25.81 -0.10 0.00	25.65 -0.19 0.00	25.84 -0.17 0.00	28.41 -0.13 0.00	33.22 -0.01 0.00	41.72 0.05 0.00	43.73 0.16 0.00	38.01 0.17 0.00	39.90 0.09 0.00	31.78 -0.03 0.00	31.00 -0.04 0.00

V_E_10_SYNC_DSASP 323830	37.32 2.37 0.00	38.13 2.31 0.00	35.65 2.04 0.00	31.90 1.81 0.00	28.75 1.66 0.00	31.77 2.04 0.00	36.65 2.50 -0.20	38.36 2.54 0.00	32.18 1.76 0.00	32.78 1.26 0.00	28.76 0.51 0.00	28.83 0.23 0.00	26.34 0.09 0.00	26.07 0.16 0.00	26.01 0.18 0.00	26.20 0.20 0.00	28.94 0.40 0.00	34.19 0.96 0.00	44.33 2.66 0.00	46.88 3.31 0.00	40.70 2.86 0.00	42.76 2.95 0.00	34.06 2.25 0.00	32.73 1.69 0.00
V_F_30_NSYNC_DSASP 323816	36.11 1.16 0.00	37.07 1.24 0.00	34.82 1.22 0.00	31.13 1.05 0.00	28.04 0.96 0.00	30.84 1.11 0.00	35.13 1.18 0.00	36.96 1.14 0.00	31.15 0.73 0.00	32.17 0.64 0.00	28.76 0.51 0.00	29.03 0.43 0.00	26.73 0.48 0.00	26.33 0.42 0.00	26.38 0.55 0.00	26.67 0.67 0.00	29.30 0.76 0.00	34.20 0.97 0.00	43.07 1.39 0.00	45.10 1.53 0.00	39.17 1.33 0.00	41.31 1.50 0.00	33.06 1.25 0.00	32.28 1.24 0.00
V_F_30_SYNC_DSASP 323786	35.86 0.91 0.00	36.84 1.01 0.00	34.60 0.99 0.00	30.90 0.82 0.00	27.83 0.75 0.00	30.54 0.81 0.00	34.81 0.86 0.00	36.69 0.87 0.00	31.10 0.68 0.00	32.26 0.73 0.00	28.91 0.66 0.00	29.21 0.61 0.00	26.93 0.68 0.00	26.55 0.64 0.00	26.59 0.76 0.00	26.83 0.82 0.00	29.34 0.80 0.00	34.10 0.87 0.00	42.72 1.04 0.00	44.53 0.96 0.00	38.70 0.86 0.00	40.75 0.94 0.00	32.68 0.88 0.00	31.87 0.83 0.00
V_XM_10_SYNC_DSASP 323789	35.39 0.44 0.00	36.30 0.47 0.00	34.15 0.54 0.00	30.57 0.49 0.00	27.54 0.46 0.00	30.30 0.56 0.00	34.61 0.66 0.00	36.44 0.62 0.00	30.88 0.46 0.00	31.96 0.43 0.00	28.51 0.26 0.00	28.82 0.22 0.00	26.50 0.25 0.00	26.08 0.17 0.00	25.99 0.16 0.00	26.22 0.21 0.00	28.80 0.27 0.00	33.65 0.42 0.00	42.23 0.55 0.00	44.17 0.60 0.00	38.30 0.46 0.00	40.20 0.39 0.00	31.88 0.07 0.00	31.03 -0.01 0.00
W.BABYLN_69_KV_BK1 56697	37.36 2.41 0.00	38.32 2.49 0.00	35.88 2.27 0.00	32.11 2.03 0.00	32.90 2.04 -3.77	32.41 2.13 -0.55	36.28 2.15 -0.18	38.65 2.33 -0.51	33.93 2.50 -1.00	34.02 2.49 0.00	30.59 2.34 0.00	30.70 2.10 0.00	28.04 1.78 0.00	27.76 1.85 0.00	27.89 2.06 0.00	28.05 2.04 0.00	30.92 2.38 0.00	36.11 2.80 -0.08	45.93 3.04 -1.22	47.70 2.85 -1.28	41.13 2.40 -0.90	42.76 2.76 -0.19	34.93 2.62 -0.50	42.84 2.70 -9.11
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.61 1.66 0.00	37.42 1.59 0.00	34.99 1.37 0.00	31.29 1.21 0.00	28.29 1.21 0.00	30.99 1.25 0.00	35.58 1.49 -0.13	37.46 1.64 0.00	31.98 1.56 0.00	33.27 1.75 0.00	29.90 1.65 0.00	30.23 1.63 0.00	27.82 1.57 0.00	27.60 1.68 0.00	27.62 1.79 0.00	27.83 1.83 0.00	30.56 2.02 0.00	35.50 2.27 0.00	44.26 2.59 0.00	46.09 2.52 0.00	40.00 2.16 0.00	42.03 2.23 0.00	33.67 1.86 0.00	32.83 1.79 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.72 1.77 0.00	37.54 1.72 0.00	35.10 1.49 0.00	31.41 1.33 0.00	28.44 1.35 0.00	31.13 1.40 0.00	35.73 1.65 -0.13	37.66 1.84 0.00	32.21 1.79 0.00	33.52 2.00 0.00	30.16 1.91 0.00	30.49 1.88 0.00	28.07 1.82 0.00	27.86 1.95 0.00	27.89 2.05 0.00	28.07 2.07 0.00	30.80 2.26 0.00	35.74 2.51 0.00	44.46 2.78 0.00	46.19 2.61 0.00	40.12 2.29 0.00	42.17 2.36 0.00	33.81 2.00 0.00	32.95 1.91 0.00
W50THST__13_KV_LOAD 356117	36.89 1.94 0.00	37.70 1.87 0.00	35.25 1.63 0.00	31.54 1.46 0.00	28.55 1.47 0.00	31.26 1.53 0.00	35.90 1.82 -0.13	37.86 2.04 0.00	32.39 1.97 0.00	33.73 2.20 0.00	30.34 2.09 0.00	30.67 2.07 0.00	28.24 1.98 0.00	28.04 2.12 0.00	28.05 2.22 0.00	28.24 2.24 0.00	30.99 2.45 0.00	35.95 2.72 0.00	44.70 3.02 0.00	46.42 2.85 0.00	40.32 2.48 0.00	42.37 2.56 0.00	33.96 2.16 0.00	33.09 2.06 0.00
WADING RIVER_IC_1 23522	36.97 2.02 0.00	38.29 2.46 0.00	35.86 2.25 0.00	32.14 2.06 0.00	33.00 2.15 -3.77	32.57 2.28 -0.55	36.56 2.29 -0.32	40.09 2.47 -1.81	33.85 2.43 -1.00	33.59 2.06 0.00	30.46 2.21 0.00	30.54 1.94 0.00	27.75 1.50 0.00	27.38 1.47 0.00	27.66 1.83 0.00	27.95 1.95 0.00	30.86 2.32 0.00	36.23 2.72 -0.27	48.76 2.73 -4.37	50.23 2.05 -4.61	42.63 1.58 -3.22	42.79 2.29 -0.69	35.56 2.46 -1.29	42.80 2.65 -9.11
WADING RIVER_IC_2 23547	36.97 2.02 0.00	38.29 2.46 0.00	35.86 2.25 0.00	32.14 2.06 0.00	33.00 2.15 -3.77	32.57 2.28 -0.55	36.56 2.29 -0.32	40.09 2.47 -1.81	33.85 2.43 -1.00	33.59 2.06 0.00	30.46 2.21 0.00	30.54 1.94 0.00	27.75 1.50 0.00	27.38 1.47 0.00	27.66 1.83 0.00	27.95 1.95 0.00	30.86 2.32 0.00	36.23 2.72 -0.27	48.76 2.73 -4.37	50.23 2.05 -4.61	42.63 1.58 -3.22	42.79 2.29 -0.69	35.56 2.46 -1.29	42.80 2.65 -9.11
WADING RIVER_IC_3 23601	36.97 2.02 0.00	38.29 2.46 0.00	35.86 2.25 0.00	32.14 2.06 0.00	33.00 2.15 -3.77	32.57 2.28 -0.55	36.56 2.29 -0.32	40.09 2.47 -1.81	33.85 2.43 -1.00	33.59 2.06 0.00	30.46 2.21 0.00	30.54 1.94 0.00	27.75 1.50 0.00	27.38 1.47 0.00	27.66 1.83 0.00	27.95 1.95 0.00	30.86 2.32 0.00	36.23 2.72 -0.27	48.76 2.73 -4.37	50.23 2.05 -4.61	42.63 1.58 -3.22	42.79 2.29 -0.69	35.56 2.46 -1.29	42.80 2.65 -9.11
WALDENNY_12_KV_BK2 80841	33.12 -1.83 0.00	33.47 -2.36 0.00	31.35 -2.26 0.00	28.34 -1.74 0.00	25.40 -1.68 0.00	27.76 -1.98 0.00	30.25 -2.60 1.10	33.31 -2.51 0.00	28.76 -1.66 0.00	29.94 -1.58 0.00	26.86 -1.39 0.00	27.68 -0.92 0.00	24.87 -1.39 0.00	24.76 -1.16 0.00	24.15 -1.68 0.00	23.70 -2.30 0.00	26.09 -2.45 0.00	30.48 -2.76 0.00	37.65 -4.03 0.00	39.42 -4.15 0.00	34.25 -3.59 0.00	35.98 -3.83 0.00	28.96 -2.85 0.00	28.61 -2.43 0.00
WALDEN__HYDRO 24148	36.61 1.66 0.00	37.45 1.62 0.00	35.02 1.41 0.00	31.32 1.24 0.00	28.32 1.23 0.00	31.02 1.29 0.00	35.61 1.52 -0.13	37.51 1.69 0.00	32.11 1.69 0.00	33.30 1.78 0.00	29.85 1.60 0.00	30.15 1.54 0.00	27.75 1.50 0.00	27.48 1.56 0.00	27.51 1.68 0.00	27.72 1.71 0.00	30.38 1.84 0.00	35.32 2.09 0.00	44.14 2.46 0.00	46.04 2.47 0.00	39.98 2.14 0.00	42.01 2.20 0.00	33.62 1.82 0.00	32.77 1.74 0.00
WARRENSBURG____ 23737	35.65 0.70 0.00	36.55 0.72 0.00	34.39 0.78 0.00	30.76 0.68 0.00	27.74 0.65 0.00	30.54 0.81 0.00	34.79 0.84 0.00	36.57 0.75 0.00	30.70 0.28 0.00	31.57 0.04 0.00	28.19 -0.06 0.00	28.40 -0.20 0.00	26.14 -0.11 0.00	25.73 -0.19 0.00	25.82 -0.01 0.00	26.13 0.13 0.00	28.76 0.22 0.00	33.62 0.39 0.00	42.40 0.72 0.00	44.46 0.89 0.00	38.64 0.80 0.00	40.80 0.99 0.00	32.65 0.84 0.00	31.92 0.88 0.00
WATERSIDE____6 8 9 23538	36.74 1.79 0.00	37.55 1.72 0.00	35.14 1.53 0.00	31.46 1.38 0.00	28.47 1.38 0.00	31.12 1.39 0.00	35.74 1.67 -0.13	37.68 1.86 0.00	32.22 1.80 0.00	33.54 2.01 0.00	30.18 1.93 0.00	30.49 1.89 0.00	28.08 1.83 0.00	27.89 1.98 0.00	27.89 2.06 0.00	28.08 2.07 0.00	30.79 2.25 0.00	35.74 2.50 0.00	44.41 2.74 0.00	46.09 2.52 0.00	40.07 2.23 0.00	42.11 2.30 0.00	33.79 1.98 0.00	32.93 1.89 0.00

WATKINRD_115KV_LN8_ILLLION 55919	35.35 0.40 0.00	36.34 0.51 0.00	34.08 0.47 0.00	30.46 0.38 0.00	27.43 0.35 0.00	30.17 0.43 0.00	34.41 0.46 0.00	36.13 0.31 0.00	30.32 -0.10 0.00	31.23 -0.30 0.00	27.92 -0.32 0.00	28.21 -0.39 0.00	25.89 -0.36 0.00	25.54 -0.37 0.00	25.51 -0.32 0.00	25.74 -0.27 0.00	28.27 -0.27 0.00	33.02 -0.21 0.00	41.82 0.14 0.00	44.06 0.49 0.00	38.24 0.40 0.00	40.21 0.40 0.00	32.16 0.35 0.00	31.31 0.27 0.00
WDELAWARE___HYD 323627	36.50 1.55 0.00	37.35 1.52 0.00	34.95 1.34 0.00	31.26 1.18 0.00	28.27 1.19 0.00	31.02 1.28 0.00	35.64 1.53 -0.16	37.47 1.65 0.00	31.93 1.51 0.00	33.03 1.50 0.00	29.49 1.24 0.00	29.79 1.19 0.00	27.27 1.02 0.00	26.33 0.41 0.00	26.28 0.45 0.00	26.46 0.45 0.00	29.08 0.55 0.00	33.93 0.70 0.00	42.58 0.90 0.00	44.48 0.91 0.00	38.74 0.90 0.00	41.62 1.81 0.00	33.29 1.48 0.00	32.42 1.38 0.00
WEST BABYLON___IC 23714	37.36 2.41 0.00	38.32 2.49 0.00	35.88 2.27 0.00	32.11 2.03 0.00	32.90 2.04 -3.77	32.41 2.13 -0.55	36.28 2.15 -0.18	38.65 2.33 -0.51	33.93 2.50 -1.00	34.02 2.49 0.00	30.59 2.34 0.00	30.70 2.10 0.00	28.04 1.78 0.00	27.76 1.85 0.00	27.89 2.06 0.00	28.05 2.04 0.00	30.92 2.38 0.00	36.11 2.80 -0.08	45.93 3.04 -1.22	47.70 2.85 -1.28	41.13 2.40 -0.90	42.76 2.76 -0.19	34.93 2.62 -0.50	42.84 2.70 -9.11
WEST CANADA___HYD 24049	34.99 0.04 0.00	35.90 0.07 0.00	33.68 0.07 0.00	30.11 0.03 0.00	27.11 0.03 0.00	29.77 0.03 0.00	33.99 0.03 0.00	35.85 0.04 0.00	30.43 0.01 0.00	31.52 0.00 0.00	28.25 0.00 0.00	28.59 -0.01 0.00	26.25 0.00 0.00	25.92 0.01 0.00	25.86 0.04 0.00	26.05 0.05 0.00	28.58 0.04 0.00	33.25 0.02 0.00	41.73 0.05 0.00	43.64 0.07 0.00	37.89 0.05 0.00	39.89 0.08 0.00	31.89 0.08 0.00	31.10 0.06 0.00
WESTERN_NY_WIND 24143	33.86 -1.09 0.00	34.27 -1.56 0.00	32.13 -1.47 0.00	29.01 -1.07 0.00	26.10 -0.99 0.00	28.59 -1.14 0.00	31.62 -1.49 0.85	34.47 -1.35 0.00	29.57 -0.85 0.00	30.52 -1.01 0.00	27.23 -1.02 0.00	27.98 -0.62 0.00	25.31 -0.94 0.00	25.04 -0.88 0.00	24.54 -1.29 0.00	24.21 -1.79 0.00	26.64 -1.90 0.00	30.77 -2.46 0.00	38.42 -3.25 0.00	40.61 -2.96 0.00	35.46 -2.38 0.00	37.28 -2.53 0.00	29.98 -1.82 0.00	29.56 -1.47 0.00
WESTOVER___LESR 323668	35.00 0.05 0.00	35.86 0.04 0.00	33.56 -0.06 0.00	30.03 -0.05 0.00	27.03 -0.06 0.00	29.69 -0.04 0.00	35.09 -0.10 -1.24	35.76 -0.06 0.00	30.45 0.03 0.00	31.53 0.00 0.00	28.24 -0.01 0.00	28.59 -0.02 0.00	26.17 -0.08 0.00	25.89 -0.02 0.00	25.82 -0.02 0.00	25.95 -0.06 0.00	28.49 -0.05 0.00	33.25 0.01 0.00	41.78 0.10 0.00	43.68 0.11 0.00	37.91 0.07 0.00	39.87 0.06 0.00	31.88 0.07 0.00	31.08 0.04 0.00
WETHRSFD_WT_PWR 323626	33.27 -1.69 0.00	33.72 -2.11 0.00	31.53 -2.08 0.00	28.39 -1.69 0.00	25.33 -1.76 0.00	29.78 -2.09 0.00	29.78 -2.76 1.41	33.11 -2.71 0.00	28.55 -1.87 0.00	29.50 -2.02 0.00	26.64 -1.61 0.00	27.49 -1.12 0.00	24.80 -1.46 0.00	24.68 -1.24 0.00	24.26 -1.57 0.00	23.98 -2.03 0.00	26.31 -2.23 0.00	30.57 -2.66 0.00	38.11 -3.56 0.00	39.96 -3.61 0.00	34.58 -3.26 0.00	36.21 -3.60 0.00	28.97 -2.84 0.00	28.38 -2.65 0.00
WHAVSTOR_138KV_BK127 55557	36.45 1.50 0.00	37.27 1.44 0.00	34.85 1.24 0.00	31.17 1.09 0.00	28.19 1.10 0.00	30.86 1.13 0.00	35.42 1.34 -0.13	37.29 1.47 0.00	31.84 1.42 0.00	33.12 1.59 0.00	29.76 1.52 0.00	30.10 1.50 0.00	27.72 1.46 0.00	27.48 1.56 0.00	27.50 1.67 0.00	27.70 1.70 0.00	30.42 1.88 0.00	35.32 2.09 0.00	44.03 2.35 0.00	45.85 2.27 0.00	39.81 1.97 0.00	41.83 2.02 0.00	33.51 1.71 0.00	32.68 1.65 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.45 1.50 0.00	37.27 1.44 0.00	34.85 1.24 0.00	31.17 1.09 0.00	28.19 1.10 0.00	30.86 1.13 0.00	35.42 1.34 -0.13	37.29 1.47 0.00	31.84 1.42 0.00	33.12 1.59 0.00	29.76 1.52 0.00	30.10 1.50 0.00	27.72 1.46 0.00	27.48 1.56 0.00	27.50 1.67 0.00	27.70 1.70 0.00	30.42 1.88 0.00	35.32 2.09 0.00	44.03 2.35 0.00	45.85 2.27 0.00	39.81 1.97 0.00	41.83 2.02 0.00	33.51 1.71 0.00	32.68 1.65 0.00
WHITEHAL_115KV_TB1 80871	36.36 1.41 0.00	37.12 1.30 0.00	35.16 1.54 0.00	31.42 1.34 0.00	28.43 1.34 0.00	31.43 1.69 0.00	35.70 1.75 0.00	37.45 1.62 0.00	31.31 0.89 0.00	32.10 0.58 0.00	28.62 0.37 0.00	28.71 0.11 0.00	26.55 0.30 0.00	26.02 0.10 0.00	26.32 0.48 0.00	26.69 0.68 0.00	29.40 0.86 0.00	34.33 1.10 0.00	43.15 1.47 0.00	45.06 1.49 0.00	39.25 1.41 0.00	41.81 2.00 0.00	33.52 1.72 0.00	32.86 1.82 0.00
WHITEPLN_13_KV_LOAD 356215	36.84 1.89 0.00	37.66 1.84 0.00	35.21 1.60 0.00	31.50 1.42 0.00	28.50 1.42 0.00	31.21 1.48 0.00	35.82 1.74 -0.13	37.76 1.94 0.00	32.27 1.85 0.00	33.56 2.04 0.00	30.16 1.91 0.00	30.48 1.88 0.00	28.05 1.80 0.00	27.81 1.90 0.00	27.84 2.01 0.00	28.06 2.05 0.00	30.81 2.27 0.00	35.79 2.56 0.00	44.56 2.89 0.00	46.35 2.79 0.00	40.25 2.41 0.00	42.30 2.49 0.00	33.89 2.08 0.00	33.04 2.00 0.00
WM_FLOYD_69_KV_BK2 356380	37.08 2.13 0.00	38.21 2.38 0.00	35.78 2.17 0.00	32.07 1.99 0.00	32.91 2.05 -3.77	32.44 2.16 -0.55	36.41 2.14 -0.31	39.85 2.28 -1.74	33.88 2.46 -1.00	33.79 2.26 0.00	30.45 2.20 0.00	30.52 1.92 0.00	27.77 1.51 0.00	27.44 1.53 0.00	27.65 1.82 0.00	27.86 1.85 0.00	30.75 2.21 0.00	36.11 2.62 -0.26	48.59 2.77 -4.15	50.23 2.27 -4.38	42.74 1.84 -3.06	42.88 2.41 -0.66	35.56 2.52 -1.24	42.79 2.64 -9.11
WOODARD__115KV_TB2 355635	34.27 -0.68 0.00	35.10 -0.73 0.00	32.90 -0.71 0.00	29.45 -0.63 0.00	26.55 -0.54 0.00	29.16 -0.57 0.00	33.16 -0.67 0.13	35.15 -0.67 0.00	29.89 -0.54 0.00	30.96 -0.57 0.00	27.73 -0.52 0.00	28.07 -0.53 0.00	25.73 -0.53 0.00	25.41 -0.51 0.00	25.30 -0.53 0.00	25.42 -0.58 0.00	27.89 -0.65 0.00	32.50 -0.74 0.00	40.81 -0.87 0.00	42.71 -0.87 0.00	37.10 -0.74 0.00	39.01 -0.80 0.00	31.17 -0.64 0.00	30.41 -0.62 0.00
WOODMERE_69_KV_BK1 55827	37.33 2.38 0.00	38.27 2.44 0.00	35.81 2.20 0.00	32.04 1.96 0.00	32.82 1.96 -3.77	32.32 2.03 -0.55	36.18 2.11 -0.13	38.11 2.29 0.00	33.82 2.39 -1.00	34.04 2.52 0.00	30.62 2.37 0.00	30.82 2.22 0.00	28.25 2.00 0.00	28.00 2.09 0.00	28.10 2.27 0.00	28.24 2.24 0.00	31.08 2.54 0.00	36.16 2.93 0.00	44.94 3.27 0.00	46.62 3.05 0.00	40.46 2.62 0.00	42.66 2.86 0.00	34.62 2.62 -0.19	42.78 2.63 -9.11
YORK___WARBASSE 23770	36.86 1.91 0.00	37.68 1.85 0.00	35.25 1.64 0.00	31.54 1.46 0.00	28.54 1.46 0.00	31.21 1.47 0.00	35.87 1.80 -0.13	37.81 1.99 0.00	32.33 1.91 0.00	33.66 2.13 0.00	30.27 2.02 0.00	30.60 2.00 0.00	28.17 1.91 0.00	27.98 2.07 0.00	27.98 2.15 0.00	28.16 2.16 0.00	30.90 2.37 0.00	35.87 2.63 0.00	44.57 2.89 0.00	46.35 2.78 0.00	40.30 2.46 0.00	42.34 2.53 0.00	33.94 2.13 0.00	33.11 2.07 0.00