

ALBANY___2 23572	24.22 0.71 0.00	20.43 0.69 0.00	20.24 0.67 0.00	19.51 0.62 0.00	20.12 0.60 0.00	21.93 0.60 0.00	28.10 0.47 0.00	31.44 0.62 0.00	23.84 0.31 7.77	19.27 0.55 11.88	23.18 0.55 9.64	31.84 0.47 0.00	32.33 0.48 0.00	31.96 0.57 0.00	31.21 0.70 0.00	31.79 0.68 0.00	35.92 0.64 0.00	42.64 0.42 0.00	45.23 0.27 0.00	44.03 0.52 0.00	42.33 0.50 0.00	38.22 0.49 0.00	31.98 0.60 0.00	28.40 0.88 0.00
ALBANY___3 23573	24.22 0.71 0.00	20.43 0.69 0.00	20.24 0.67 0.00	19.51 0.62 0.00	20.12 0.60 0.00	21.93 0.60 0.00	28.10 0.47 0.00	31.44 0.62 0.00	23.84 0.31 7.77	19.27 0.55 11.88	23.18 0.55 9.64	31.84 0.47 0.00	32.33 0.48 0.00	31.96 0.57 0.00	31.21 0.70 0.00	31.79 0.68 0.00	35.92 0.64 0.00	42.64 0.42 0.00	45.23 0.27 0.00	44.03 0.52 0.00	42.33 0.50 0.00	38.22 0.49 0.00	31.98 0.60 0.00	28.40 0.88 0.00
ALBANY___4 23574	24.22 0.71 0.00	20.43 0.69 0.00	20.24 0.67 0.00	19.51 0.62 0.00	20.12 0.60 0.00	21.93 0.60 0.00	28.10 0.47 0.00	31.44 0.62 0.00	23.84 0.31 7.77	19.27 0.55 11.88	23.18 0.55 9.64	31.84 0.47 0.00	32.33 0.48 0.00	31.96 0.57 0.00	31.21 0.70 0.00	31.79 0.68 0.00	35.92 0.64 0.00	42.64 0.42 0.00	45.23 0.27 0.00	44.03 0.52 0.00	42.33 0.50 0.00	38.22 0.49 0.00	31.98 0.60 0.00	28.40 0.88 0.00
ALBANY___LFGE 323615	24.41 0.89 0.00	20.57 0.83 0.00	20.37 0.80 0.00	19.64 0.76 0.00	20.25 0.74 0.00	22.10 0.77 0.00	28.29 0.66 0.00	31.68 0.86 0.00	24.74 0.63 7.18	20.45 0.83 10.98	24.20 0.84 8.91	32.18 0.81 0.00	32.65 0.80 0.00	32.27 0.88 0.00	31.51 1.01 0.00	32.13 1.02 0.00	36.27 0.99 0.00	43.10 0.89 0.00	45.72 0.76 0.00	44.51 1.00 0.00	42.79 0.96 0.00	38.56 0.83 0.00	32.29 0.91 0.00	28.62 1.10 0.00
ALCOA_PA_115KV_PL-6C 55860	22.95 -0.56 0.00	19.27 -0.47 0.00	19.16 -0.41 0.00	18.51 -0.38 0.00	19.10 -0.41 0.00	21.01 -0.32 0.00	27.49 -0.14 0.00	30.82 0.00 0.00	31.29 0.00 0.00	30.54 -0.06 0.00	32.34 0.06 0.00	31.37 0.00 0.00	31.79 -0.06 0.00	31.24 -0.16 0.00	30.23 -0.27 0.00	30.73 -0.37 0.00	35.11 -0.18 0.00	42.00 -0.21 0.00	44.96 0.00 0.00	43.20 -0.30 0.00	41.49 -0.33 0.00	37.54 -0.19 0.00	30.94 -0.44 0.00	26.94 -0.58 0.00
ALCOA_RYNLDS___DRP 24188	22.95 -0.56 0.00	19.27 -0.47 0.00	19.16 -0.41 0.00	18.51 -0.38 0.00	19.10 -0.41 0.00	21.01 -0.32 0.00	27.49 -0.14 0.00	30.82 0.00 0.00	31.29 0.00 0.00	30.54 -0.06 0.00	32.34 0.06 0.00	31.37 0.00 0.00	31.79 -0.06 0.00	31.24 -0.16 0.00	30.23 -0.27 0.00	30.73 -0.37 0.00	35.11 -0.18 0.00	42.00 -0.21 0.00	44.96 0.00 0.00	43.20 -0.30 0.00	41.49 -0.33 0.00	37.54 -0.19 0.00	30.94 -0.44 0.00	26.94 -0.58 0.00
ALCOA___DSASP 323711	22.95 -0.56 0.00	19.26 -0.47 0.00	19.16 -0.41 0.00	18.51 -0.38 0.00	19.10 -0.41 0.00	20.99 -0.34 0.00	27.47 -0.16 0.00	30.82 0.00 0.00	31.29 0.00 0.00	30.54 -0.06 0.00	32.34 0.06 0.00	31.37 0.00 0.00	31.79 -0.06 0.00	31.24 -0.16 0.00	30.23 -0.28 0.00	30.77 -0.34 0.00	35.11 -0.18 0.00	42.00 -0.21 0.00	44.96 0.00 0.00	43.21 -0.30 0.00	41.49 -0.34 0.00	37.51 -0.23 0.00	30.94 -0.44 0.00	26.94 -0.58 0.00
ALLEGHENY___COGEN 23514	24.27 0.75 0.00	20.17 0.43 0.00	19.92 0.35 0.00	19.23 0.34 0.00	19.81 0.29 0.00	21.67 0.34 0.00	27.88 0.25 0.00	30.85 0.03 0.00	30.98 -0.31 0.00	29.75 -0.86 0.00	30.89 -1.39 0.00	31.90 -1.54 -2.07	33.67 -1.50 -3.31	39.25 -1.51 -9.36	37.79 -2.65 -9.94	37.67 -2.46 -9.02	51.79 -2.82 -19.33	62.23 -2.83 -22.84	51.54 -2.34 -8.93	41.98 -1.52 0.00	41.62 -0.21 0.00	38.52 0.79 0.00	32.26 0.88 0.00	28.07 0.55 0.00
ALTAMONT_115KV_TB 2 55880	24.27 0.75 0.00	20.41 0.67 0.00	20.24 0.67 0.00	19.53 0.64 0.00	20.18 0.66 0.00	21.95 0.62 0.00	28.21 0.58 0.00	31.53 0.71 0.00	29.15 0.66 2.80	27.08 0.77 4.28	29.57 0.77 3.48	32.12 0.75 0.00	32.62 0.76 0.00	32.21 0.82 0.00	31.42 0.92 0.00	32.04 0.93 0.00	36.24 0.95 0.00	43.19 0.97 0.00	45.90 0.94 0.00	44.60 1.09 0.00	42.91 1.09 0.00	38.64 0.91 0.00	32.29 0.91 0.00	28.45 0.94 0.00
ALTONA_WT_PWR 323606	22.74 -0.78 0.00	19.09 -0.65 0.00	18.96 -0.61 0.00	18.30 -0.59 0.00	18.91 -0.61 0.00	20.80 -0.53 0.00	27.27 -0.36 0.00	30.70 -0.12 0.00	31.29 0.00 0.00	30.60 0.00 0.00	32.40 0.13 0.00	31.43 0.06 0.00	31.86 0.00 0.00	31.27 -0.13 0.00	30.23 -0.28 0.00	30.67 -0.44 0.00	34.82 -0.46 0.00	41.62 -0.59 0.00	44.51 -0.45 0.00	42.86 -0.65 0.00	41.15 -0.67 0.00	37.13 -0.61 0.00	30.60 -0.78 0.00	26.61 -0.91 0.00
AMERICAN_REF_FUEL 24010	23.02 -0.49 0.00	18.85 -0.89 0.00	18.51 -1.06 0.00	17.90 -0.98 0.00	18.48 -1.03 0.00	19.99 -1.34 0.00	25.62 -2.02 -0.01	28.30 -2.53 -0.01	28.83 -2.47 -0.01	27.89 -2.72 -0.01	28.92 -3.36 -0.01	28.13 -2.76 0.48	28.46 -2.64 0.75	26.75 -2.48 2.17	25.40 -2.81 2.30	26.34 -2.68 2.09	27.78 -3.00 4.50	33.74 -3.34 5.14	39.29 -3.60 2.07	39.21 -4.31 -0.01	38.45 -3.39 -0.01	34.68 -3.05 -0.01	29.67 -1.73 -0.01	25.93 -1.60 -0.01
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.19 -0.33 0.00	19.05 -0.69 0.00	18.79 -0.78 0.00	18.19 -0.70 0.00	18.71 -0.80 0.00	20.54 -0.79 0.00	26.47 -1.16 0.00	29.53 -1.29 0.00	30.07 -1.22 0.00	29.17 -1.44 0.00	30.18 -2.10 0.00	28.81 -2.16 0.39	29.03 -2.20 0.63	27.39 -2.23 1.77	26.00 -2.62 1.88	26.84 -2.55 1.71	28.68 -2.93 3.68	34.75 -3.17 4.30	39.98 -3.28 1.70	40.90 -2.61 0.00	40.15 -1.67 0.00	36.03 -1.70 0.00	30.69 -0.69 0.00	26.63 -0.88 0.00
ARTHUR KILL_GT_1 23520	25.43 1.90 -0.01	21.46 1.72 -0.01	21.16 1.59 -0.01	20.43 1.53 -0.01	21.16 1.64 -0.01	22.89 1.56 0.00	29.43 1.80 0.00	33.05 2.22 -0.01	33.74 2.44 -0.01	33.21 2.60 -0.01	35.06 2.78 -0.01	34.16 2.79 -0.01	34.67 2.80 -0.01	34.29 2.89 -0.01	33.60 3.08 -0.01	34.19 3.05 -0.04	38.50 3.18 -0.04	45.96 3.71 -0.04	48.50 3.51 -0.04	47.12 3.61 0.00	45.31 3.47 -0.01	40.60 2.87 0.00	34.18 2.79 -0.01	29.97 2.45 -0.01
ARTHUR_KILL_2 23512	25.36 1.84 -0.01	21.41 1.66 -0.01	21.12 1.55 -0.01	20.39 1.49 -0.01	21.10 1.58 -0.01	22.85 1.51 0.00	29.32 1.69 0.00	32.95 2.12 -0.01	33.65 2.35 -0.01	33.12 2.51 -0.01	34.96 2.68 -0.01	34.07 2.70 -0.01	34.57 2.71 -0.01	34.20 2.79 -0.01	33.48 2.96 -0.01	34.10 2.96 -0.04	38.35 3.03 -0.04	45.84 3.59 -0.04	48.32 3.33 -0.04	46.96 3.44 -0.01	45.14 3.30 -0.01	40.42 2.68 -0.01	33.99 2.60 -0.01	29.89 2.37 -0.01
ARTHUR_KILL_3 23513	24.95 1.43 0.00	21.06 1.32 0.00	20.76 1.19 0.00	20.04 1.15 0.00	20.74 1.23 0.00	22.50 1.17 0.00	28.87 1.24 0.00	32.45 1.63 0.00	33.14 1.85 0.00	32.69 2.08 0.00	34.50 2.23 0.00	33.62 2.26 0.00	34.18 2.32 0.00	33.81 2.42 0.00	33.22 2.71 -0.01	33.87 2.74 -0.03	38.24 2.93 -0.03	45.49 3.25 -0.03	48.22 3.24 -0.03	46.60 3.09 -0.01	44.72 2.88 -0.01	40.08 2.34 -0.01	33.61 2.23 0.00	29.47 1.95 0.00

ARTHUR_KILL_COGEN 323718	25.43 1.90 -0.01	21.46 1.72 -0.01	21.16 1.58 -0.01	20.42 1.53 -0.01	21.16 1.64 -0.01	22.91 1.58 0.00	29.40 1.77 0.00	33.05 2.22 -0.01	33.75 2.44 -0.01	33.21 2.60 -0.01	35.06 2.78 -0.01	34.16 2.79 -0.01	34.67 2.80 -0.01	34.29 2.89 -0.01	33.57 3.05 -0.01	34.19 3.05 -0.04	38.46 3.14 -0.04	45.97 3.72 -0.04	48.50 3.51 -0.04	47.13 3.61 -0.01	45.31 3.47 -0.01	40.54 2.79 -0.01	34.12 2.73 -0.01	29.97 2.45 -0.01
ASHOKAN____ 23654	25.14 1.62 0.00	21.14 1.40 0.00	20.86 1.29 0.00	20.15 1.27 0.00	20.82 1.31 0.00	22.82 1.49 0.00	28.87 1.24 0.00	32.11 1.29 0.00	29.51 1.56 3.35	27.07 1.59 5.12	29.76 1.64 4.16	32.93 1.57 0.00	33.48 1.62 0.00	33.06 1.66 0.00	32.46 1.95 0.00	33.07 1.96 0.00	37.44 2.15 0.00	45.13 2.91 0.00	48.10 3.15 0.00	46.77 3.26 0.00	45.00 3.18 0.00	40.30 2.57 0.00	33.77 2.38 0.00	29.66 2.15 0.00
ASTORIA_EAST_ENERGY_CC1 323581	25.19 1.67 0.00	21.34 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.02 1.50 0.00	22.56 1.24 0.01	28.98 1.35 0.01	32.54 1.72 0.01	33.26 1.97 0.01	32.77 2.17 0.01	34.59 2.32 0.01	33.77 2.42 0.01	34.30 2.45 0.01	33.93 2.54 0.01	33.30 2.80 0.01	33.93 2.83 0.01	38.28 3.00 0.00	45.55 3.33 0.00	48.19 3.24 0.00	46.59 3.09 0.01	44.74 2.93 0.01	40.22 2.49 0.00	33.80 2.42 0.00	29.77 2.26 0.00
ASTORIA_EAST_ENERGY_CC2 323582	25.19 1.67 0.00	21.34 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.02 1.50 0.00	22.56 1.24 0.01	28.98 1.35 0.01	32.54 1.72 0.01	33.26 1.97 0.01	32.77 2.17 0.01	34.59 2.32 0.01	33.77 2.42 0.01	34.30 2.45 0.01	33.93 2.54 0.01	33.30 2.80 0.01	33.93 2.83 0.01	38.28 3.00 0.00	45.55 3.33 0.00	48.19 3.24 0.00	46.59 3.09 0.01	44.74 2.93 0.01	40.22 2.49 0.00	33.80 2.42 0.00	29.77 2.26 0.00
ASTORIA_GT2_1 24094	25.21 1.69 0.00	21.35 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.57 1.24 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.60 3.09 0.00	44.75 2.93 0.00	40.30 2.57 0.00	33.93 2.54 0.00	29.80 2.28 0.00
ASTORIA_GT2_2 24095	25.21 1.69 0.00	21.35 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.57 1.24 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.60 3.09 0.00	44.75 2.93 0.00	40.30 2.57 0.00	33.93 2.54 0.00	29.80 2.28 0.00
ASTORIA_GT2_3 24096	25.21 1.69 0.00	21.35 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.57 1.24 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.60 3.09 0.00	44.75 2.93 0.00	40.30 2.57 0.00	33.93 2.54 0.00	29.80 2.28 0.00
ASTORIA_GT2_4 24097	25.21 1.69 0.00	21.35 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.57 1.24 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.60 3.09 0.00	44.75 2.93 0.00	40.30 2.57 0.00	33.93 2.54 0.00	29.80 2.28 0.00
ASTORIA_GT3_1 24098	25.21 1.69 0.00	21.35 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.57 1.24 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.60 3.09 0.00	44.75 2.93 0.00	40.30 2.57 0.00	33.93 2.54 0.00	29.80 2.28 0.00
ASTORIA_GT3_2 24099	25.21 1.69 0.00	21.35 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.57 1.24 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.60 3.09 0.00	44.75 2.93 0.00	40.30 2.57 0.00	33.93 2.54 0.00	29.80 2.28 0.00
ASTORIA_GT3_3 24100	25.21 1.69 0.00	21.35 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.57 1.24 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.60 3.09 0.00	44.75 2.93 0.00	40.30 2.57 0.00	33.93 2.54 0.00	29.80 2.28 0.00
ASTORIA_GT3_4 24101	25.21 1.69 0.00	21.35 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.57 1.24 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.60 3.09 0.00	44.75 2.93 0.00	40.30 2.57 0.00	33.93 2.54 0.00	29.80 2.28 0.00
ASTORIA_GT4_1 24102	25.21 1.69 0.00	21.35 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.57 1.24 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.60 3.09 0.00	44.75 2.93 0.00	40.30 2.57 0.00	33.93 2.54 0.00	29.80 2.28 0.00
ASTORIA_GT4_2 24103	25.21 1.69 0.00	21.35 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.57 1.24 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.60 3.09 0.00	44.75 2.93 0.00	40.30 2.57 0.00	33.93 2.54 0.00	29.80 2.28 0.00
ASTORIA_GT4_3 24104	25.21 1.69 0.00	21.35 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.57 1.24 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.60 3.09 0.00	44.75 2.93 0.00	40.30 2.57 0.00	33.93 2.54 0.00	29.80 2.28 0.00

ASTORIA_GT4_4 24105	25.21 1.69 0.00	21.35 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.57 1.24 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.60 3.09 0.00	44.75 2.93 0.00	40.30 2.57 0.00	33.93 2.54 0.00	29.80 2.28 0.00
ASTORIA_GT_1 23523	25.23 1.72 0.00	21.39 1.64 -0.01	21.08 1.51 0.00	20.30 1.42 0.00	21.03 1.52 0.00	22.59 1.26 0.00	29.07 1.44 0.00	32.64 1.82 0.00	33.33 2.03 0.00	32.87 2.26 0.00	34.69 2.42 0.00	33.84 2.48 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.40 2.90 0.00	34.00 2.89 0.00	38.39 3.11 0.00	45.68 3.46 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.41 2.68 0.00	33.99 2.60 0.00	29.85 2.34 0.00
ASTORIA_GT_10 24110	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.40 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.67 1.85 0.00	33.36 2.07 0.00	32.90 2.30 0.00	34.69 2.42 0.00	33.84 2.48 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.37 2.87 0.00	34.00 2.89 0.00	38.35 3.07 0.00	45.63 3.42 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.33 2.60 0.00	33.89 2.51 0.00	29.72 2.20 0.00
ASTORIA_GT_11 24225	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.40 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.67 1.85 0.00	33.36 2.07 0.00	32.90 2.30 0.00	34.69 2.42 0.00	33.84 2.48 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.37 2.87 0.00	34.00 2.89 0.00	38.35 3.07 0.00	45.63 3.42 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.33 2.60 0.00	33.89 2.51 0.00	29.72 2.20 0.00
ASTORIA_GT_12 24226	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.40 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.67 1.85 0.00	33.36 2.07 0.00	32.90 2.30 0.00	34.69 2.42 0.00	33.84 2.48 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.37 2.87 0.00	34.00 2.89 0.00	38.35 3.07 0.00	45.63 3.42 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.33 2.60 0.00	33.89 2.51 0.00	29.72 2.20 0.00
ASTORIA_GT_13 24227	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.40 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.67 1.85 0.00	33.36 2.07 0.00	32.90 2.30 0.00	34.69 2.42 0.00	33.84 2.48 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.37 2.87 0.00	34.00 2.89 0.00	38.35 3.07 0.00	45.63 3.42 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.33 2.60 0.00	33.89 2.51 0.00	29.72 2.20 0.00
ASTORIA_GT_5 24106	25.23 1.72 0.00	21.39 1.64 -0.01	21.08 1.51 0.00	20.30 1.42 0.00	21.03 1.52 0.00	22.59 1.26 0.00	29.07 1.44 0.00	32.64 1.82 0.00	33.33 2.03 0.00	32.87 2.26 0.00	34.69 2.42 0.00	33.84 2.48 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.40 2.90 0.00	34.00 2.89 0.00	38.39 3.11 0.00	45.68 3.46 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.41 2.68 0.00	33.99 2.60 0.00	29.85 2.34 0.00
ASTORIA_GT_7 24107	25.23 1.72 0.00	21.39 1.64 -0.01	21.08 1.51 0.00	20.30 1.42 0.00	21.03 1.52 0.00	22.59 1.26 0.00	29.07 1.44 0.00	32.64 1.82 0.00	33.33 2.03 0.00	32.87 2.26 0.00	34.69 2.42 0.00	33.84 2.48 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.40 2.90 0.00	34.00 2.89 0.00	38.39 3.11 0.00	45.68 3.46 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.41 2.68 0.00	33.99 2.60 0.00	29.85 2.34 0.00
ASTORIA_GT_8 24108	25.23 1.72 0.00	21.39 1.64 -0.01	21.08 1.51 0.00	20.30 1.42 0.00	21.03 1.52 0.00	22.59 1.26 0.00	29.07 1.44 0.00	32.64 1.82 0.00	33.33 2.03 0.00	32.87 2.26 0.00	34.69 2.42 0.00	33.84 2.48 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.40 2.90 0.00	34.00 2.89 0.00	38.39 3.11 0.00	45.68 3.46 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.41 2.68 0.00	33.99 2.60 0.00	29.85 2.34 0.00
ASTORIA___2 24149	25.21 1.69 0.00	21.34 1.60 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.02 1.50 0.00	22.56 1.24 0.01	28.98 1.35 0.01	32.57 1.76 0.01	33.26 1.97 0.01	32.80 2.20 0.01	34.62 2.35 0.01	33.77 2.42 0.01	34.30 2.45 0.01	33.93 2.54 0.01	33.30 2.80 0.01	33.93 2.83 0.01	38.28 3.00 0.00	45.59 3.38 0.00	48.19 3.24 0.00	46.59 3.09 0.01	44.74 2.93 0.01	40.22 2.49 0.00	33.83 2.45 0.00	29.80 2.28 0.00
ASTORIA___3 23516	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.41 0.00	22.66 1.32 0.00	29.07 1.44 0.00	32.67 1.85 0.00	33.36 2.06 0.00	32.90 2.30 0.00	34.69 2.42 0.00	33.84 2.48 0.00	34.37 2.52 0.00	34.00 2.60 0.00	33.37 2.87 0.00	34.00 2.89 0.00	38.32 3.03 0.00	45.63 3.42 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.22 2.49 0.00	33.80 2.42 0.00	29.72 2.20 0.00
ASTORIA___4 23517	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.40 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.67 1.85 0.00	33.36 2.07 0.00	32.90 2.30 0.00	34.69 2.42 0.00	33.84 2.48 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.37 2.87 0.00	34.00 2.89 0.00	38.35 3.07 0.00	45.63 3.42 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.33 2.60 0.00	33.89 2.51 0.00	29.72 2.20 0.00
ASTORIA___5 23518	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.41 0.00	22.66 1.32 0.00	29.07 1.44 0.00	32.67 1.85 0.00	33.36 2.06 0.00	32.90 2.30 0.00	34.69 2.42 0.00	33.84 2.48 0.00	34.37 2.52 0.00	34.00 2.60 0.00	33.37 2.87 0.00	34.00 2.89 0.00	38.32 3.03 0.00	45.63 3.42 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.22 2.49 0.00	33.80 2.42 0.00	29.72 2.20 0.00
AST_ENERGY_2_CC3 323677	25.02 1.51 0.00	21.12 1.38 0.00	20.82 1.25 0.00	20.10 1.21 0.00	20.80 1.29 0.00	22.57 1.24 0.00	26.26 1.33 2.70	27.18 1.72 5.37	26.26 1.94 6.98	26.26 2.17 6.52	29.89 2.29 4.67	29.89 2.35 3.83	29.89 2.39 4.36	29.89 2.45 3.96	29.89 2.75 3.36	29.89 2.74 3.95	31.46 2.93 6.75	30.43 3.29 15.08	34.23 3.24 13.97	33.10 3.13 13.54	31.21 2.97 13.59	33.36 2.42 6.79	29.89 2.29 3.78	29.55 2.04 0.00
AST_ENERGY_2_CC4 323678	25.02 1.51 0.00	21.12 1.38 0.00	20.82 1.25 0.00	20.10 1.21 0.00	20.80 1.29 0.00	22.57 1.24 0.00	26.26 1.33 2.70	27.18 1.72 5.37	26.26 1.94 6.98	26.26 2.17 6.52	29.89 2.29 4.67	29.89 2.35 3.83	29.89 2.39 4.36	29.89 2.45 3.96	29.89 2.75 3.36	29.89 2.74 3.95	31.46 2.93 6.75	30.43 3.29 15.08	34.23 3.24 13.97	33.10 3.13 13.54	31.21 2.97 13.59	33.36 2.42 6.79	29.89 2.29 3.78	29.55 2.04 0.00

ATHENS_STG_1 23668	24.34 0.82 0.00	20.47 0.73 0.00	20.31 0.74 0.00	19.60 0.72 0.00	20.25 0.74 0.00	22.01 0.68 0.00	28.21 0.58 0.00	31.56 0.74 0.00	32.04 0.75 0.00	31.52 0.92 0.00	33.21 0.94 0.00	32.34 0.97 0.00	32.81 0.95 0.00	32.43 1.03 0.00	31.66 1.16 0.00	32.26 1.15 0.00	36.45 1.16 0.00	43.48 1.27 0.00	46.17 1.21 0.00	44.81 1.30 0.00	43.08 1.25 0.00	38.71 0.98 0.00	32.42 1.03 0.00	28.59 1.07 0.00
ATHENS_STG_2 23670	24.34 0.82 0.00	20.47 0.73 0.00	20.31 0.74 0.00	19.60 0.72 0.00	20.25 0.74 0.00	22.01 0.68 0.00	28.21 0.58 0.00	31.56 0.74 0.00	32.04 0.75 0.00	31.52 0.92 0.00	33.21 0.94 0.00	32.34 0.97 0.00	32.81 0.95 0.00	32.43 1.03 0.00	31.66 1.16 0.00	32.26 1.15 0.00	36.45 1.16 0.00	43.48 1.27 0.00	46.17 1.21 0.00	44.81 1.30 0.00	43.08 1.25 0.00	38.71 0.98 0.00	32.42 1.03 0.00	28.59 1.07 0.00
ATHENS_STG_3 23677	24.34 0.82 0.00	20.47 0.73 0.00	20.31 0.74 0.00	19.60 0.72 0.00	20.25 0.74 0.00	22.01 0.68 0.00	28.21 0.58 0.00	31.56 0.74 0.00	32.04 0.75 0.00	31.52 0.92 0.00	33.21 0.94 0.00	32.34 0.97 0.00	32.81 0.95 0.00	32.43 1.03 0.00	31.66 1.16 0.00	32.26 1.15 0.00	36.45 1.16 0.00	43.48 1.27 0.00	46.17 1.21 0.00	44.81 1.30 0.00	43.08 1.25 0.00	38.71 0.98 0.00	32.42 1.03 0.00	28.59 1.07 0.00
AUBURN___LFGE 323710	23.71 0.19 0.00	19.86 0.12 0.00	19.63 0.06 0.00	18.93 0.04 0.00	19.53 0.02 0.00	21.35 0.02 0.00	27.63 0.00 0.00	30.70 -0.12 0.00	31.11 -0.19 0.00	30.36 -0.24 0.00	31.92 -0.35 0.00	30.96 -0.41 0.00	31.47 -0.38 0.00	31.02 -0.38 0.00	30.05 -0.46 0.00	30.73 -0.37 0.00	34.76 -0.53 0.00	41.88 -0.34 0.00	44.69 -0.27 0.00	43.38 -0.13 0.00	42.03 0.21 0.00	37.73 0.00 0.00	31.45 0.06 0.00	27.57 0.06 0.00
BABYLON_RES_REC 323704	25.55 2.02 -0.01	23.64 1.81 -2.09	21.42 1.70 -0.14	20.67 1.64 -0.14	21.34 1.76 -0.07	23.13 1.79 -0.01	29.57 1.93 -0.01	33.14 2.31 -0.01	33.78 2.47 -0.01	33.18 2.57 -0.01	36.54 2.68 -1.59	35.85 2.73 -1.76	36.50 2.74 -1.90	36.48 2.79 -2.29	36.66 2.99 -3.17	37.34 2.99 -3.24	38.43 3.14 -0.01	46.03 3.80 -0.01	48.79 3.82 -0.01	47.30 3.78 -0.01	45.29 3.47 0.00	40.30 2.57 0.00	37.72 2.76 -3.57	32.37 2.50 -2.35
BALL_HILL_WT_PWR 323825	23.35 -0.16 0.00	19.17 -0.57 0.00	18.93 -0.65 0.00	18.30 -0.59 0.00	18.81 -0.70 0.00	20.58 -0.75 0.00	26.50 -1.13 0.00	29.40 -1.42 0.00	29.95 -1.34 0.00	29.01 -1.59 0.00	30.08 -2.20 0.00	28.67 -2.20 0.50	28.93 -2.13 0.79	27.07 -2.07 2.25	25.67 -2.44 2.39	26.60 -2.33 2.17	27.94 -2.68 4.66	33.79 -2.96 5.47	39.70 -3.10 2.15	40.85 -2.66 0.00	40.07 -1.76 0.00	36.03 -1.70 0.00	30.72 -0.66 0.00	26.74 -0.77 0.00
BARON_WINDS___WT_PWR 323822	23.47 -0.05 0.00	19.46 -0.28 0.00	19.26 -0.31 0.00	18.62 -0.26 0.00	19.18 -0.33 0.00	20.99 -0.34 0.00	27.02 -0.61 0.00	29.96 -0.86 0.00	30.39 -0.91 0.00	29.50 -1.10 0.00	30.59 -1.68 0.00	25.77 -1.79 3.81	23.99 -1.78 6.08	12.49 -1.73 17.18	10.22 -2.04 18.24	12.51 -2.02 16.57	-2.58 -2.36 35.50	-2.23 -2.53 41.92	26.09 -2.47 16.39	41.68 -1.83 0.00	40.82 -1.00 0.00	36.79 -0.94 0.00	31.01 -0.38 0.00	27.07 -0.44 0.00
BARRETT_IC_1 23704	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28
BARRETT_IC_10 23701	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28
BARRETT_IC_11 23702	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28
BARRETT_IC_12 23703	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28
BARRETT_IC_2 23705	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28
BARRETT_IC_3 23706	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28
BARRETT_IC_4 23707	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28
BARRETT_IC_5 23708	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28

BARRETT_IC_6 23709	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28
BARRETT_IC_7 23710	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.88 1.54 -0.01	29.30 1.66 -0.01	32.77 1.94 -0.01	33.37 2.07 -0.01	32.81 2.20 -0.01	36.01 2.19 -1.54	35.32 2.26 -1.70	35.99 2.29 -1.84	35.97 2.35 -2.21	36.07 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	40.03 2.30 0.00	64.57 2.45 -30.74	31.94 2.15 -2.28
BARRETT_IC_8 23711	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28
BARRETT_IC_9 23700	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28
BARRETT___1 23545	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28
BARRETT___2 23546	25.29 1.76 -0.01	23.32 1.56 -2.02	21.09 1.51 -0.01	20.35 1.45 -0.01	21.06 1.54 -0.01	22.90 1.56 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.82 2.20 -0.01	36.04 2.23 -1.54	35.35 2.29 -1.70	35.99 2.29 -1.84	35.97 2.36 -2.21	36.08 2.50 -3.07	36.74 2.49 -3.14	38.01 2.72 -0.01	45.47 3.25 -0.01	48.20 3.24 -0.01	46.74 3.22 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	64.51 2.38 -30.74	31.94 2.15 -2.28
BATAVIA__115KV_TB1 55881	23.78 0.26 0.00	19.58 -0.16 0.00	19.34 -0.23 0.00	18.62 -0.26 0.00	19.22 -0.29 0.00	20.95 -0.38 0.00	26.69 -0.94 0.00	30.08 -0.74 0.00	30.51 -0.78 0.00	29.47 -1.13 0.00	30.76 -1.52 0.00	29.60 -1.44 0.32	30.14 -1.21 0.50	28.76 -1.19 1.44	27.48 -1.49 1.53	28.47 -1.24 1.39	30.67 -1.62 2.99	37.34 -1.44 3.44	42.19 -1.39 1.38	41.99 -1.52 0.00	41.41 -0.42 0.00	36.83 -0.91 0.00	31.26 -0.13 0.00	27.43 -0.08 0.00
BAYONEEC___CTG1 323682	25.05 1.53 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.10 1.21 0.00	20.82 1.31 0.00	22.59 1.26 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.35 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.31 2.80 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.18 2.45 0.00	33.74 2.35 0.00	29.58 2.06 0.00
BAYONEEC___CTG10 323750	25.05 1.53 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.10 1.21 0.00	20.82 1.31 0.00	22.59 1.26 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.35 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.31 2.80 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.18 2.45 0.00	33.74 2.35 0.00	29.58 2.06 0.00
BAYONEEC___CTG2 323683	25.05 1.53 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.10 1.21 0.00	20.82 1.31 0.00	22.59 1.26 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.35 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.31 2.80 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.18 2.45 0.00	33.74 2.35 0.00	29.58 2.06 0.00
BAYONEEC___CTG3 323684	25.05 1.53 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.10 1.21 0.00	20.82 1.31 0.00	22.59 1.26 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.35 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.31 2.80 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.18 2.45 0.00	33.74 2.35 0.00	29.58 2.06 0.00
BAYONEEC___CTG4 323685	25.05 1.53 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.10 1.21 0.00	20.82 1.31 0.00	22.59 1.26 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.35 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.31 2.80 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.18 2.45 0.00	33.74 2.35 0.00	29.58 2.06 0.00
BAYONEEC___CTG5 323686	25.05 1.53 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.10 1.21 0.00	20.82 1.31 0.00	22.59 1.26 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.35 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.31 2.80 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.18 2.45 0.00	33.74 2.35 0.00	29.58 2.06 0.00
BAYONEEC___CTG6 323687	25.05 1.53 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.10 1.21 0.00	20.82 1.31 0.00	22.59 1.26 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.35 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.31 2.80 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.18 2.45 0.00	33.74 2.35 0.00	29.58 2.06 0.00
BAYONEEC___CTG7 323688	25.05 1.53 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.10 1.21 0.00	20.82 1.31 0.00	22.59 1.26 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.35 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.31 2.80 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.18 2.45 0.00	33.74 2.35 0.00	29.58 2.06 0.00

BAYONEEC___CTG8 323689	25.05 1.53 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.10 1.21 0.00	20.82 1.31 0.00	22.59 1.26 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.35 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.31 2.80 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.18 2.45 0.00	33.74 2.35 0.00	29.58 2.06 0.00
BAYONEEC___CTG9 323749	25.05 1.53 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.10 1.21 0.00	20.82 1.31 0.00	22.59 1.26 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.35 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.31 2.80 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.84 3.01 0.00	40.18 2.45 0.00	33.74 2.35 0.00	29.58 2.06 0.00
BEACON___LESR 323632	24.53 1.01 0.00	20.65 0.91 0.00	20.43 0.86 0.00	19.70 0.81 0.00	20.31 0.80 0.00	22.19 0.85 0.00	28.40 0.77 0.00	31.81 0.99 0.00	23.81 0.78 8.27	18.91 0.95 12.64	22.98 0.97 10.26	32.31 0.94 0.00	32.81 0.95 0.00	32.43 1.03 0.00	31.66 1.16 0.00	32.32 1.21 0.00	36.48 1.20 0.00	43.35 1.14 0.00	46.03 1.08 0.00	44.81 1.30 0.00	43.08 1.25 0.00	38.83 1.09 0.00	32.51 1.13 0.00	28.78 1.27 0.00
BEAVER RIVER___HYD 24048	23.66 0.14 0.00	19.86 0.12 0.00	19.65 0.08 0.00	18.94 0.06 0.00	19.61 0.10 0.00	21.57 0.24 0.00	28.24 0.61 0.00	31.53 0.71 0.00	31.86 0.56 0.00	30.88 0.27 0.00	32.14 -0.13 0.00	31.18 -0.19 0.00	31.54 -0.32 0.00	31.11 -0.28 0.00	30.11 -0.40 0.00	30.73 -0.37 0.00	34.97 -0.32 0.00	42.09 -0.13 0.00	45.81 0.85 0.00	44.46 0.96 0.00	42.99 1.17 0.00	38.33 0.60 0.00	31.76 0.38 0.00	27.68 0.17 0.00
BEEBEE_GT_13 23619	23.56 0.05 0.00	19.54 -0.20 0.00	19.32 -0.25 0.00	18.64 -0.25 0.00	19.20 -0.31 0.00	20.97 -0.36 0.00	26.88 -0.75 0.00	29.99 -0.83 0.00	30.45 -0.84 0.00	29.59 -1.01 0.00	31.01 -1.26 0.00	30.02 -1.35 0.00	30.68 -1.18 0.00	30.23 -1.16 0.00	29.16 -1.34 0.00	29.96 -1.15 0.00	33.80 -1.48 0.00	40.82 -1.39 0.00	43.56 -1.39 0.00	42.07 -1.44 0.00	41.20 -0.63 0.00	36.75 -0.98 0.00	30.98 -0.41 0.00	27.24 -0.28 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.45 1.93 -0.01	21.44 1.70 -0.01	21.16 1.59 -0.01	20.41 1.51 -0.01	21.12 1.60 -0.01	22.87 1.54 0.00	29.40 1.77 0.00	33.05 2.22 -0.01	33.77 2.47 -0.01	33.27 2.66 -0.01	35.12 2.84 -0.01	34.26 2.89 -0.01	34.79 2.93 -0.01	34.42 3.01 -0.01	33.75 3.23 -0.01	34.41 3.27 -0.04	38.81 3.49 -0.04	46.22 3.97 -0.04	48.86 3.87 -0.04	47.29 3.79 0.00	45.44 3.60 -0.01	40.79 3.06 0.00	34.31 2.92 -0.01	30.05 2.53 -0.01
BETHLEHEM___GRP 23843	24.22 0.71 0.00	20.43 0.69 0.00	20.24 0.67 0.00	19.51 0.62 0.00	20.12 0.60 0.00	21.93 0.60 0.00	28.10 0.47 0.00	31.44 0.62 0.00	23.84 0.31 7.77	19.27 0.55 11.88	23.18 0.55 9.64	31.84 0.47 0.00	32.33 0.48 0.00	31.96 0.57 0.00	31.21 0.70 0.00	31.79 0.68 0.00	35.92 0.64 0.00	42.64 0.42 0.00	45.23 0.27 0.00	44.03 0.52 0.00	42.33 0.50 0.00	38.22 0.49 0.00	31.98 0.60 0.00	28.40 0.88 0.00
BETHLEHEM___GS1 323560	24.22 0.70 0.00	20.43 0.69 0.00	20.24 0.67 0.00	19.51 0.62 0.00	20.12 0.61 0.00	21.93 0.60 0.00	28.07 0.44 0.00	31.44 0.62 0.00	23.84 0.31 7.77	19.27 0.55 11.88	23.18 0.55 9.64	31.84 0.47 0.00	32.33 0.48 0.00	31.96 0.57 0.00	31.21 0.70 0.00	31.79 0.68 0.00	35.88 0.60 0.00	42.64 0.42 0.00	45.23 0.27 0.00	44.03 0.52 0.00	42.33 0.50 0.00	38.19 0.45 0.00	31.98 0.59 0.00	28.40 0.88 0.00
BETHLEHEM___GS2 323561	24.22 0.70 0.00	20.43 0.69 0.00	20.24 0.67 0.00	19.51 0.62 0.00	20.12 0.61 0.00	21.93 0.60 0.00	28.07 0.44 0.00	31.44 0.62 0.00	23.84 0.31 7.77	19.27 0.55 11.88	23.18 0.55 9.64	31.84 0.47 0.00	32.33 0.48 0.00	31.96 0.57 0.00	31.21 0.70 0.00	31.79 0.68 0.00	35.88 0.60 0.00	42.64 0.42 0.00	45.23 0.27 0.00	44.03 0.52 0.00	42.33 0.50 0.00	38.19 0.45 0.00	31.98 0.59 0.00	28.40 0.88 0.00
BETHLEHEM___GS3 323562	24.22 0.70 0.00	20.43 0.69 0.00	20.24 0.67 0.00	19.51 0.62 0.00	20.12 0.61 0.00	21.93 0.60 0.00	28.07 0.44 0.00	31.44 0.62 0.00	23.84 0.31 7.77	19.27 0.55 11.88	23.18 0.55 9.64	31.84 0.47 0.00	32.33 0.48 0.00	31.96 0.57 0.00	31.21 0.70 0.00	31.79 0.68 0.00	35.88 0.60 0.00	42.64 0.42 0.00	45.23 0.27 0.00	44.03 0.52 0.00	42.33 0.50 0.00	38.19 0.45 0.00	31.98 0.59 0.00	28.40 0.88 0.00
BETHLEHEM___STEEL 23779	23.35 -0.16 0.00	19.17 -0.57 0.00	18.92 -0.65 0.00	18.28 -0.60 0.00	18.79 -0.72 0.00	20.54 -0.79 0.00	26.22 -1.41 0.00	29.28 -1.54 0.00	29.82 -1.47 0.00	28.89 -1.71 0.00	29.92 -2.36 0.00	28.45 -2.32 0.59	28.62 -2.29 0.94	26.56 -2.17 2.67	25.14 -2.53 2.83	26.11 -2.43 2.57	26.94 -2.82 5.52	32.63 -3.12 6.46	39.08 -3.33 2.55	40.64 -2.87 0.00	39.86 -1.97 0.00	35.58 -2.15 0.00	30.47 -0.91 0.00	26.72 -0.80 0.00
BETHLHEM_115KV_TB1 79974	24.22 0.71 0.00	20.41 0.67 0.00	20.24 0.67 0.00	19.51 0.62 0.00	20.14 0.62 0.00	21.93 0.60 0.00	28.10 0.47 0.00	31.44 0.62 0.00	24.62 0.38 7.05	20.40 0.58 10.78	24.10 0.58 8.75	31.90 0.53 0.00	32.40 0.54 0.00	31.99 0.60 0.00	31.24 0.73 0.00	31.85 0.75 0.00	35.99 0.71 0.00	42.72 0.51 0.00	45.36 0.40 0.00	44.12 0.61 0.00	42.41 0.59 0.00	38.30 0.57 0.00	32.04 0.66 0.00	28.40 0.88 0.00
BETHPAGE_CC_5 323564	25.50 1.98 -0.01	23.67 1.78 -2.15	21.28 1.66 -0.05	20.54 1.60 -0.05	21.26 1.72 -0.03	23.07 1.73 -0.01	29.46 1.82 -0.01	32.93 2.10 -0.01	33.56 2.25 -0.01	33.00 2.39 -0.01	36.37 2.45 -1.64	35.72 2.54 -1.81	36.33 2.52 -1.96	36.36 2.60 -2.36	36.55 2.78 -3.27	37.22 2.77 -3.34	38.22 2.93 -0.01	45.69 3.46 -0.01	48.43 3.46 -0.01	46.95 3.44 -0.01	44.92 3.09 0.00	40.03 2.30 0.00	38.54 2.57 -4.58	32.34 2.39 -2.43
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.38 -0.14 0.00	19.19 -0.55 0.00	18.94 -0.63 0.00	18.32 -0.57 0.00	18.81 -0.70 0.00	20.56 -0.77 0.00	26.28 -1.35 0.00	29.37 -1.45 0.00	29.89 -1.41 0.00	28.95 -1.65 0.00	29.98 -2.29 0.00	28.55 -2.26 0.55	28.74 -2.23 0.88	26.79 -2.10 2.51	25.34 -2.50 2.66	26.26 -2.43 2.42	27.27 -2.82 5.19	33.02 -3.12 6.07	39.19 -3.37 2.39	40.77 -2.74 0.00	39.98 -1.84 0.00	35.69 -2.04 0.00	30.54 -0.85 0.00	26.74 -0.77 0.00
BINGHAMTON___COGEN 23790	23.87 0.35 0.00	19.94 0.20 0.00	19.75 0.18 0.00	19.08 0.19 0.00	19.67 0.16 0.00	21.48 0.15 0.00	27.69 0.06 0.00	30.85 0.03 0.00	31.29 0.00 0.00	30.57 -0.03 0.00	32.05 -0.23 0.00	31.08 -0.28 0.00	31.60 -0.25 0.00	31.18 -0.22 0.00	30.23 -0.27 0.00	30.89 -0.22 0.00	34.97 -0.32 0.00	41.96 -0.25 0.00	44.78 -0.18 0.00	43.55 0.04 0.00	42.16 0.33 0.00	37.84 0.11 0.00	31.67 0.28 0.00	27.79 0.28 0.00

BIXINCNT_115KV_LOAD 355685	23.24 -0.28 0.00	19.17 -0.57 0.00	18.92 -0.65 0.00	18.26 -0.62 0.00	18.77 -0.74 0.00	20.54 -0.79 0.00	26.28 -1.35 0.00	29.37 -1.45 0.00	29.92 -1.38 0.00	28.92 -1.68 0.00	29.79 -2.48 0.00	28.37 -2.63 0.36	28.48 -2.80 0.58	27.03 -2.73 1.64	25.59 -3.17 1.74	26.45 -3.08 1.58	28.40 -3.49 3.39	34.37 -3.88 3.96	39.26 -4.14 1.56	40.42 -3.09 0.00	39.69 -2.13 0.00	35.39 -2.34 0.00	30.22 -1.16 0.00	26.39 -1.13 0.00
BLACK RIVER___HYD 24047	24.03 0.52 0.00	20.17 0.43 0.00	19.94 0.37 0.00	19.21 0.32 0.00	19.90 0.39 0.00	21.89 0.55 0.00	28.51 0.88 0.00	31.78 0.96 0.00	32.08 0.78 0.00	31.03 0.43 0.00	32.43 0.16 0.00	31.46 0.09 0.00	31.82 -0.03 0.00	31.40 0.00 0.00	30.35 -0.15 0.00	31.01 -0.09 0.00	35.25 -0.04 0.00	42.51 0.30 0.00	46.21 1.26 0.00	44.99 1.48 0.00	43.62 1.80 0.00	39.05 1.32 0.00	32.23 0.85 0.00	28.09 0.58 0.00
BLACKRVR_115KV_TB2 79977	24.03 0.52 0.00	20.17 0.43 0.00	19.94 0.37 0.00	19.21 0.32 0.00	19.90 0.39 0.00	21.91 0.58 0.00	28.49 0.86 0.00	31.77 0.96 0.00	32.08 0.78 0.00	31.03 0.43 0.00	32.43 0.16 0.00	31.46 0.09 0.00	31.82 -0.03 0.00	31.40 0.00 0.00	30.35 -0.15 0.00	31.01 -0.09 0.00	35.25 -0.04 0.00	42.51 0.30 0.00	46.21 1.26 0.00	44.99 1.48 0.00	43.62 1.80 0.00	39.01 1.28 0.00	32.20 0.82 0.00	28.09 0.58 0.00
BLDWN_LI_69_KV_BK4 356085	25.50 1.98 -0.01	23.77 1.74 -2.29	21.24 1.64 -0.03	20.50 1.59 -0.03	21.21 1.68 -0.02	23.03 1.69 -0.01	29.52 1.88 -0.01	33.02 2.19 -0.01	33.65 2.35 -0.01	33.09 2.48 -0.01	36.57 2.55 -1.75	35.90 2.60 -1.93	36.56 2.61 -2.09	36.61 2.70 -2.52	36.86 2.87 -3.48	37.57 2.89 -3.57	38.43 3.14 -0.01	45.98 3.76 -0.01	48.74 3.78 -0.01	47.26 3.74 -0.01	45.25 3.43 0.00	40.49 2.75 0.00	45.90 2.76 -11.76	32.55 2.45 -2.59
BLISS_WT_PWR 323608	23.17 -0.35 0.00	19.11 -0.63 0.00	18.87 -0.70 0.00	18.23 -0.66 0.00	18.71 -0.80 0.00	20.50 -0.83 0.00	26.36 -1.27 0.00	29.31 -1.51 0.00	29.86 -1.44 0.00	28.83 -1.78 0.00	29.66 -2.61 0.00	28.21 -2.79 0.36	28.32 -2.96 0.58	26.81 -2.95 1.64	25.38 -3.39 1.74	26.23 -3.30 1.58	28.19 -3.70 3.39	34.12 -4.14 3.96	39.03 -4.36 1.56	40.20 -3.31 0.00	39.48 -2.34 0.00	35.47 -2.26 0.00	30.19 -1.19 0.00	26.22 -1.29 0.00
BLUESTONE___WT_PWR 323821	24.43 0.92 0.00	20.49 0.75 0.00	20.30 0.72 0.00	19.57 0.68 0.00	20.25 0.74 0.00	22.23 0.90 0.00	28.71 1.08 0.00	32.14 1.32 0.00	32.67 1.38 0.00	31.77 1.16 0.00	33.40 1.13 0.00	32.34 0.97 0.00	32.87 1.02 0.00	32.40 1.00 0.00	31.30 0.79 0.00	32.04 0.93 0.00	36.27 0.99 0.00	43.69 1.48 0.00	46.89 1.93 0.00	45.60 2.09 0.00	44.21 2.38 0.00	39.77 2.04 0.00	33.01 1.63 0.00	28.84 1.32 0.00
BLUE_CIRC_CHEM_DRP 24182	24.32 0.80 0.00	20.47 0.73 0.00	20.29 0.72 0.00	19.57 0.68 0.00	20.21 0.70 0.00	22.01 0.68 0.00	28.24 0.61 0.00	31.56 0.74 0.00	27.57 0.63 4.35	24.66 0.70 6.65	27.55 0.68 5.40	32.02 0.66 0.00	32.49 0.64 0.00	32.09 0.69 0.00	31.27 0.76 0.00	31.88 0.78 0.00	36.06 0.78 0.00	42.97 0.76 0.00	45.72 0.76 0.00	44.51 1.00 0.00	42.83 1.00 0.00	38.60 0.87 0.00	32.29 0.91 0.00	28.48 0.96 0.00
BOC_GAS_DRP 24189	24.18 0.66 0.00	20.35 0.61 0.00	20.18 0.61 0.00	19.47 0.59 0.00	20.12 0.60 0.00	21.89 0.55 0.00	28.10 0.47 0.00	31.41 0.59 0.00	28.76 0.53 3.07	26.59 0.67 4.69	29.14 0.68 3.81	32.02 0.66 0.00	32.52 0.67 0.00	32.12 0.72 0.00	31.33 0.82 0.00	31.95 0.84 0.00	36.13 0.85 0.00	43.06 0.84 0.00	45.72 0.76 0.00	44.42 0.91 0.00	42.70 0.88 0.00	38.45 0.72 0.00	32.17 0.78 0.00	28.34 0.83 0.00
BOONVILLE_115KV_TB1 79983	23.92 0.40 0.00	20.07 0.34 0.00	19.88 0.31 0.00	19.17 0.28 0.00	19.82 0.31 0.00	21.76 0.43 0.00	28.27 0.64 0.00	31.59 0.77 0.00	32.01 0.72 0.00	31.15 0.55 0.00	32.60 0.32 0.00	31.65 0.28 0.00	32.11 0.25 0.00	31.68 0.28 0.00	30.72 0.21 0.00	31.36 0.25 0.00	35.57 0.28 0.00	42.72 0.51 0.00	46.04 1.08 0.00	44.64 1.13 0.00	43.12 1.30 0.00	38.60 0.87 0.00	32.01 0.63 0.00	27.98 0.47 0.00
BORALEX_4TH_BRANCH 23824	25.05 1.53 0.00	21.06 1.32 0.00	20.86 1.29 0.00	20.12 1.23 0.00	20.80 1.29 0.00	22.65 1.32 0.00	28.96 1.33 0.00	32.48 1.66 0.00	43.17 1.53 -10.34	48.16 1.74 -15.82	46.88 1.77 -12.83	33.18 1.82 0.00	33.67 1.82 0.00	33.34 1.95 0.00	32.58 2.07 0.00	33.16 2.05 0.00	37.37 2.08 0.00	44.49 2.28 0.00	47.16 2.20 0.00	45.94 2.44 0.00	44.21 2.38 0.00	39.69 1.96 0.00	33.27 1.88 0.00	29.28 1.76 0.00
BOWLINE___1 23526	24.86 1.34 0.00	20.94 1.20 0.00	20.69 1.11 0.00	19.96 1.08 0.00	20.64 1.13 0.00	22.46 1.13 0.00	28.76 1.13 0.00	32.27 1.45 0.00	32.89 1.60 0.00	32.38 1.77 0.00	34.18 1.90 0.00	33.28 1.91 0.00	33.80 1.94 0.00	33.44 2.04 0.00	32.76 2.26 0.00	33.38 2.27 0.00	37.72 2.43 0.00	45.00 2.79 0.00	47.70 2.74 0.00	46.21 2.70 0.00	44.42 2.59 0.00	39.73 2.00 0.00	33.33 1.95 0.00	29.28 1.76 0.00
BOWLINE___2 23595	24.86 1.34 0.00	20.94 1.20 0.00	20.69 1.11 0.00	19.96 1.08 0.00	20.64 1.13 0.00	22.46 1.13 0.00	28.79 1.16 0.00	32.27 1.45 0.00	32.89 1.60 0.00	32.38 1.77 0.00	34.18 1.90 0.00	33.28 1.91 0.00	33.83 1.98 0.00	33.44 2.04 0.00	32.76 2.26 0.00	33.41 2.30 0.00	37.72 2.43 0.00	45.04 2.83 0.00	47.74 2.79 0.00	46.25 2.74 0.00	44.42 2.59 0.00	39.73 2.00 0.00	33.33 1.95 0.00	29.28 1.76 0.00
BRADY___115KV_TB2 356060	23.12 -0.40 0.00	19.40 -0.34 0.00	19.28 -0.29 0.00	18.62 -0.26 0.00	19.24 -0.27 0.00	21.23 -0.11 0.00	27.77 0.14 0.00	31.13 0.31 0.00	31.55 0.25 0.00	30.69 0.09 0.00	32.47 0.19 0.00	31.43 0.06 0.00	31.82 -0.03 0.00	31.27 -0.13 0.00	30.23 -0.27 0.00	30.76 -0.34 0.00	35.21 -0.07 0.00	42.21 0.00 0.00	45.36 0.40 0.00	43.64 0.13 0.00	41.99 0.17 0.00	38.00 0.26 0.00	31.26 -0.13 0.00	27.13 -0.39 0.00
BRANSCOMB___SOLAR 323811	24.98 1.46 0.00	20.96 1.22 0.00	20.74 1.17 0.00	19.98 1.10 0.00	20.64 1.13 0.00	22.61 1.28 0.00	28.98 1.35 0.00	32.42 1.60 0.00	40.67 1.69 -7.69	44.01 1.65 -11.76	43.55 1.74 -9.54	33.09 1.72 0.00	33.51 1.66 0.00	33.06 1.66 0.00	32.18 1.68 0.00	32.85 1.74 0.00	36.98 1.69 0.00	44.16 1.94 0.00	46.93 1.98 0.00	45.81 2.30 0.00	44.17 2.34 0.00	39.81 2.07 0.00	33.30 1.91 0.00	29.28 1.76 0.00
BRDGHMPT_69_KV_BK1 55812	26.21 2.68 -0.01	24.30 2.51 -2.06	23.49 2.41 -1.51	22.67 2.32 -1.46	22.65 2.44 -0.70	23.82 2.47 -0.01	30.21 2.57 -0.01	34.09 3.27 -0.01	34.87 3.57 -0.01	34.13 3.52 -0.01	37.50 3.71 -1.52	36.58 3.54 -1.67	37.17 3.50 -1.81	37.00 3.42 -2.18	37.03 3.51 -3.02	37.71 3.52 -3.09	38.93 3.63 -0.01	46.60 4.31 -0.08	49.35 4.32 -0.08	47.78 4.26 -0.01	45.55 3.72 0.00	40.60 2.87 0.00	36.21 2.82 -2.00	32.40 2.64 -2.24

BRENTWOD_69_KV_W. BRTWOOD 56703	25.71 2.19 -0.01	23.67 1.91 -2.02	21.72 1.80 -0.35	20.97 1.74 -0.34	21.53 1.85 -0.17	23.26 1.92 -0.01	29.77 2.13 -0.01	33.39 2.56 -0.01	34.03 2.72 -0.01	33.43 2.82 -0.01	36.74 2.94 -1.53	36.03 2.98 -1.69	36.68 2.99 -1.83	36.64 3.05 -2.20	36.75 3.20 -3.04	37.42 3.20 -3.11	38.68 3.39 -0.01	46.21 3.97 -0.02	48.98 4.00 -0.02	47.56 4.05 -0.01	45.51 3.68 0.00	40.64 2.91 0.00	36.66 3.01 -2.26	32.45 2.67 -2.26
BRISTLHL_115KV_TB1 79998	23.28 -0.24 0.00	19.52 -0.22 0.00	19.32 -0.25 0.00	18.64 -0.25 0.00	19.24 -0.27 0.00	21.03 -0.30 0.00	27.22 -0.41 0.00	30.14 -0.68 0.00	30.57 -0.72 0.00	29.87 -0.73 0.00	31.43 -0.84 0.00	30.52 -0.85 0.00	31.03 -0.83 0.00	30.58 -0.82 0.00	29.65 -0.85 0.00	30.30 -0.81 0.00	34.30 -0.99 0.00	41.16 -1.06 0.00	43.92 -1.03 0.00	42.55 -0.96 0.00	41.11 -0.71 0.00	36.98 -0.75 0.00	30.79 -0.60 0.00	27.07 -0.44 0.00
BROOKHAVEN___DRP 24191	25.52 2.00 -0.01	23.71 1.91 -2.06	22.90 1.82 -1.50	22.10 1.76 -1.45	22.06 1.85 -0.69	23.20 1.86 -0.01	29.46 1.82 -0.01	33.17 2.34 -0.01	33.84 2.53 -0.01	33.15 2.54 -0.01	36.47 2.68 -1.52	35.70 2.67 -1.67	36.34 2.68 -1.81	36.27 2.70 -2.18	36.39 2.87 -3.02	37.06 2.86 -3.09	38.29 3.00 -0.01	45.88 3.59 -0.08	48.63 3.60 -0.08	47.13 3.61 -0.01	45.00 3.18 0.00	40.18 2.45 0.00	35.95 2.57 -2.00	32.04 2.28 -2.24
BROOKLYN_NAVY_YARD 23515	25.02 1.51 0.00	21.08 1.34 0.00	20.80 1.23 0.00	20.06 1.17 0.00	20.78 1.27 0.00	22.57 1.24 0.00	28.98 1.35 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.63 2.35 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.31 2.80 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.18 2.45 0.00	33.71 2.32 0.00	29.55 2.04 0.00
BROOKLYN___ARMY_DRP 323595	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06 1.54 -0.01	22.78 1.45 0.00	29.32 1.69 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.22 3.08 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.59 3.60 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.60 2.87 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01
BROOME_2_LFGE 323671	23.87 0.35 0.00	19.94 0.20 0.00	19.75 0.18 0.00	19.08 0.19 0.00	19.67 0.16 0.00	21.48 0.15 0.00	27.71 0.08 0.00	30.85 0.03 0.00	31.29 0.00 0.00	30.57 -0.03 0.00	32.05 -0.22 0.00	31.08 -0.28 0.00	31.60 -0.26 0.00	31.18 -0.22 0.00	30.23 -0.28 0.00	30.89 -0.22 0.00	34.97 -0.32 0.00	41.96 -0.25 0.00	44.78 -0.18 0.00	43.55 0.04 0.00	42.16 0.33 0.00	37.92 0.19 0.00	31.70 0.31 0.00	27.79 0.28 0.00
BROOME___LFGE 323600	23.87 0.35 0.00	19.94 0.20 0.00	19.75 0.18 0.00	19.08 0.19 0.00	19.67 0.16 0.00	21.48 0.15 0.00	27.71 0.08 0.00	30.85 0.03 0.00	31.29 0.00 0.00	30.57 -0.03 0.00	32.05 -0.22 0.00	31.08 -0.28 0.00	31.60 -0.26 0.00	31.18 -0.22 0.00	30.23 -0.28 0.00	30.89 -0.22 0.00	34.97 -0.32 0.00	41.96 -0.25 0.00	44.78 -0.18 0.00	43.55 0.04 0.00	42.16 0.33 0.00	37.92 0.19 0.00	31.70 0.31 0.00	27.79 0.28 0.00
BROWNFLS_115KV_TB 3_5 80003	23.38 -0.14 0.00	19.62 -0.12 0.00	19.43 -0.14 0.00	18.76 -0.13 0.00	19.40 -0.12 0.00	21.37 0.04 0.00	27.93 0.30 0.00	31.28 0.46 0.00	31.58 0.28 0.00	30.63 0.03 0.00	32.05 -0.23 0.00	31.05 -0.31 0.00	31.38 -0.48 0.00	30.89 -0.50 0.00	29.89 -0.61 0.00	30.52 -0.59 0.00	34.76 -0.53 0.00	41.79 -0.42 0.00	45.36 0.40 0.00	43.90 0.39 0.00	42.41 0.59 0.00	37.92 0.19 0.00	31.45 0.06 0.00	27.38 -0.14 0.00
BROWNSV1_27_KV_LOAD 356125	25.26 1.74 0.00	21.28 1.54 0.00	21.00 1.43 0.00	20.25 1.36 0.00	20.96 1.44 0.00	22.76 1.43 0.00	29.26 1.63 0.00	32.85 2.03 0.00	33.58 2.28 0.00	33.08 2.48 0.00	34.92 2.65 0.00	34.03 2.67 0.00	34.59 2.74 0.00	34.22 2.83 0.00	33.59 3.08 0.00	34.22 3.11 0.00	38.64 3.35 0.00	46.01 3.80 0.00	48.73 3.78 0.00	47.16 3.65 0.00	45.30 3.47 0.00	40.64 2.91 0.00	34.08 2.70 0.00	29.83 2.31 0.00
BURROWS___LYONSDAL 23803	23.82 0.31 0.00	20.00 0.26 0.00	19.79 0.22 0.00	19.08 0.19 0.00	19.75 0.23 0.00	21.69 0.36 0.00	28.24 0.61 0.00	31.56 0.74 0.00	31.95 0.66 0.00	31.06 0.46 0.00	32.43 0.16 0.00	31.49 0.13 0.00	31.92 0.06 0.00	31.49 0.09 0.00	30.53 0.03 0.00	31.17 0.06 0.00	35.39 0.11 0.00	42.51 0.30 0.00	45.95 0.99 0.00	44.60 1.09 0.00	43.08 1.25 0.00	38.49 0.75 0.00	31.89 0.50 0.00	27.87 0.36 0.00
CAITHNESS_CC_1 323624	25.50 1.98 -0.01	23.67 1.88 -2.06	22.85 1.78 -1.50	22.05 1.72 -1.44	22.02 1.81 -0.69	23.20 1.85 -0.01	29.41 1.77 -0.01	33.14 2.31 -0.01	33.81 2.50 -0.01	33.12 2.51 -0.01	36.44 2.65 -1.52	35.70 2.66 -1.67	36.34 2.68 -1.81	36.24 2.67 -2.18	36.39 2.87 -3.02	37.05 2.86 -3.09	38.26 2.96 -0.01	45.88 3.59 -0.08	48.59 3.55 -0.08	47.08 3.57 -0.01	45.00 3.18 0.00	39.99 2.26 0.00	35.91 2.54 -1.99	32.07 2.31 -2.24
CALPINE BETH_PAGE_GT4 24209	25.50 1.98 -0.01	23.72 1.76 -2.23	21.28 1.66 -0.05	20.54 1.61 -0.05	21.24 1.70 -0.03	23.05 1.71 -0.01	29.46 1.82 -0.01	32.86 2.03 -0.01	33.49 2.19 -0.01	32.94 2.33 -0.01	36.39 2.42 -1.70	35.72 2.48 -1.87	36.37 2.48 -2.03	36.38 2.54 -2.44	36.63 2.75 -3.38	37.30 2.74 -3.46	38.22 2.93 -0.01	45.69 3.46 -0.01	48.43 3.46 -0.01	46.91 3.39 -0.01	44.92 3.10 0.00	40.18 2.45 0.00	39.35 2.64 -5.33	32.45 2.42 -2.51
CALPINE_BETH_PAGE_GT_4 323586	25.50 1.98 -0.01	23.72 1.76 -2.23	21.28 1.66 -0.05	20.54 1.60 -0.05	21.24 1.70 -0.03	23.07 1.73 -0.01	29.41 1.77 -0.01	32.86 2.03 -0.01	33.49 2.19 -0.01	32.94 2.32 -0.01	36.39 2.42 -1.70	35.72 2.48 -1.87	36.37 2.49 -2.03	36.38 2.54 -2.44	36.63 2.75 -3.38	37.31 2.74 -3.46	38.19 2.89 -0.01	45.69 3.46 -0.01	48.43 3.46 -0.01	46.91 3.40 -0.01	44.92 3.09 0.00	39.99 2.26 0.00	39.28 2.57 -5.33	32.45 2.42 -2.51
CALPINE_BP_GT1 23823	25.50 1.98 -0.01	23.72 1.76 -2.23	21.28 1.66 -0.05	20.54 1.60 -0.05	21.24 1.70 -0.03	23.07 1.73 -0.01	29.41 1.77 -0.01	32.86 2.03 -0.01	33.49 2.19 -0.01	32.94 2.32 -0.01	36.39 2.42 -1.70	35.72 2.48 -1.87	36.37 2.49 -2.03	36.38 2.54 -2.44	36.63 2.75 -3.38	37.31 2.74 -3.46	38.19 2.89 -0.01	45.69 3.46 -0.01	48.43 3.46 -0.01	46.91 3.40 -0.01	44.92 3.09 0.00	39.99 2.26 0.00	39.28 2.57 -5.33	32.45 2.42 -2.51
CALSPAN___DRP 24200	23.35 -0.16 0.00	19.17 -0.57 0.00	18.92 -0.65 0.00	18.28 -0.60 0.00	18.79 -0.72 0.00	20.54 -0.79 0.00	26.22 -1.41 0.00	29.28 -1.54 0.00	29.82 -1.47 0.00	28.89 -1.71 0.00	29.92 -2.36 0.00	28.45 -2.32 0.59	28.62 -2.29 0.94	26.56 -2.17 2.67	25.14 -2.53 2.83	26.11 -2.43 2.57	26.94 -2.82 5.52	32.63 -3.12 6.46	39.08 -3.33 2.55	40.64 -2.87 0.00	39.86 -1.97 0.00	35.58 -2.15 0.00	30.47 -0.91 0.00	26.72 -0.80 0.00

CALVERTON___SOLAR 323806	25.57 2.05 -0.01	23.77 1.97 -2.06	22.96 1.88 -1.51	22.16 1.81 -1.46	22.14 1.93 -0.69	23.28 1.94 -0.01	29.46 1.82 -0.01	33.23 2.41 -0.01	33.90 2.60 -0.01	33.18 2.57 -0.01	36.53 2.74 -1.52	35.77 2.73 -1.67	36.41 2.74 -1.81	36.27 2.70 -2.18	36.42 2.90 -3.02	37.12 2.92 -3.09	38.29 3.00 -0.01	45.92 3.63 -0.08	48.67 3.64 -0.08	47.17 3.66 -0.01	45.09 3.26 0.00	40.03 2.30 0.00	35.92 2.54 -2.00	32.07 2.31 -2.24
CANDIGU_WT_PWR 323617	23.47 -0.05 0.00	19.46 -0.28 0.00	19.26 -0.31 0.00	18.62 -0.26 0.00	19.18 -0.33 0.00	20.99 -0.34 0.00	27.02 -0.61 0.00	29.96 -0.86 0.00	30.39 -0.91 0.00	29.50 -1.10 0.00	30.59 -1.68 0.00	25.77 -1.79 3.81	23.99 -1.78 6.08	12.49 -1.73 17.18	10.22 -2.04 18.24	12.51 -2.02 16.57	-2.58 -2.36 35.50	-2.23 -2.53 41.92	26.09 -2.47 16.39	41.68 -1.83 0.00	40.82 -1.00 0.00	36.79 -0.94 0.00	31.01 -0.38 0.00	27.07 -0.44 0.00
CARR STREET_E_SYR 24060	23.64 0.12 0.00	19.80 0.06 0.00	19.59 0.02 0.00	18.91 0.02 0.00	19.49 -0.02 0.00	21.31 -0.02 0.00	27.55 -0.08 0.00	30.57 -0.25 0.00	31.01 -0.28 0.00	30.30 -0.31 0.00	31.85 -0.42 0.00	30.96 -0.41 0.00	31.44 -0.42 0.00	31.02 -0.38 0.00	30.08 -0.43 0.00	30.70 -0.41 0.00	34.76 -0.53 0.00	41.75 -0.46 0.00	44.55 -0.41 0.00	43.21 -0.30 0.00	41.74 -0.08 0.00	37.54 -0.19 0.00	31.29 -0.09 0.00	27.49 -0.03 0.00
CARTHAGE___PAPER 23857	23.80 0.28 0.00	19.98 0.24 0.00	19.77 0.20 0.00	19.04 0.15 0.00	19.71 0.20 0.00	21.69 0.36 0.00	28.35 0.72 0.00	31.65 0.83 0.00	31.95 0.66 0.00	30.91 0.31 0.00	32.27 0.00 0.00	31.27 -0.09 0.00	31.63 -0.22 0.00	31.21 -0.19 0.00	30.17 -0.33 0.00	30.80 -0.31 0.00	35.04 -0.25 0.00	42.26 0.04 0.00	45.99 1.03 0.00	44.68 1.18 0.00	43.25 1.42 0.00	38.64 0.90 0.00	31.95 0.57 0.00	27.82 0.30 0.00
CASSADAGA_WT_PWR 323784	23.26 -0.26 0.00	19.11 -0.63 0.00	18.87 -0.70 0.00	18.25 -0.64 0.00	18.79 -0.72 0.00	20.63 -0.70 0.00	26.61 -1.02 0.00	29.71 -1.11 0.00	30.26 -1.03 0.00	29.32 -1.28 0.00	30.37 -1.90 0.00	28.99 -2.01 0.37	29.20 -2.07 0.58	27.58 -2.17 1.65	26.16 -2.59 1.75	26.96 -2.55 1.60	28.93 -2.93 3.42	35.00 -3.21 4.00	40.14 -3.24 1.58	41.11 -2.39 0.00	40.36 -1.47 0.00	36.26 -1.47 0.00	30.88 -0.50 0.00	26.77 -0.74 0.00
CE_DUNWOOD___DRP 24194	25.02 1.51 0.00	21.06 1.32 0.00	20.80 1.23 0.00	20.08 1.19 0.00	20.78 1.27 0.00	22.57 1.24 0.00	28.98 1.35 0.00	32.48 1.66 0.00	33.14 1.85 0.00	32.65 2.05 0.00	34.43 2.16 0.00	33.56 2.20 0.00	34.08 2.23 0.00	33.72 2.32 0.00	33.04 2.53 0.00	33.66 2.55 0.00	38.04 2.75 0.00	45.34 3.12 0.00	48.06 3.10 0.00	46.51 3.00 0.00	44.71 2.89 0.00	40.07 2.34 0.00	33.61 2.23 0.00	29.47 1.95 0.00
CE_MILLWOOD___DRP 24193	24.98 1.46 0.00	21.02 1.28 0.00	20.76 1.19 0.00	20.04 1.15 0.00	20.74 1.23 0.00	22.55 1.22 0.00	28.96 1.33 0.00	32.45 1.63 0.00	33.11 1.82 0.00	32.59 1.99 0.00	34.40 2.13 0.00	33.50 2.13 0.00	34.02 2.17 0.00	33.62 2.23 0.00	32.98 2.47 0.00	33.60 2.49 0.00	37.97 2.68 0.00	45.25 3.04 0.00	47.97 3.01 0.00	46.42 2.92 0.00	44.63 2.80 0.00	40.00 2.26 0.00	33.55 2.17 0.00	29.41 1.90 0.00
CE_NYC2_DRP 24202	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.40 0.00	22.65 1.32 0.00	29.12 1.49 0.00	32.70 1.88 0.00	33.39 2.10 0.00	32.93 2.33 0.00	34.73 2.45 0.00	33.87 2.51 0.00	34.40 2.55 0.00	34.03 2.64 0.00	33.40 2.90 0.00	34.03 2.92 0.00	38.39 3.11 0.00	45.68 3.46 0.00	48.33 3.37 0.00	46.77 3.26 0.00	44.92 3.10 0.00	40.33 2.60 0.00	33.89 2.51 0.00	29.72 2.20 0.00
CE_NYC_DRP 24195	25.09 1.58 0.00	21.16 1.42 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.86 1.35 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.64 1.82 0.00	33.33 2.03 0.00	32.87 2.26 0.00	34.66 2.39 0.00	33.81 2.45 0.00	34.34 2.48 0.00	33.97 2.57 0.00	33.34 2.84 0.00	33.97 2.86 0.00	38.35 3.07 0.00	45.68 3.46 0.00	48.37 3.42 0.00	46.81 3.31 0.00	44.96 3.14 0.00	40.33 2.60 0.00	33.83 2.45 0.00	29.63 2.12 0.00
CHAFFEE___LFGE 323603	23.38 -0.14 0.00	19.19 -0.55 0.00	18.93 -0.65 0.00	18.30 -0.59 0.00	18.81 -0.70 0.00	20.57 -0.77 0.00	26.44 -1.19 0.00	29.37 -1.45 0.00	29.89 -1.41 0.00	28.95 -1.65 0.00	29.98 -2.29 0.00	28.66 -2.23 0.47	28.93 -2.17 0.76	27.18 -2.07 2.14	25.79 -2.44 2.28	26.67 -2.37 2.07	28.16 -2.68 4.44	34.03 -3.00 5.19	39.72 -3.19 2.05	40.81 -2.70 0.00	40.03 -1.80 0.00	36.03 -1.70 0.00	30.76 -0.63 0.00	26.77 -0.74 0.00
CHATEAUG_35_KV_LOAD 355732	22.72 -0.80 0.00	19.07 -0.67 0.00	18.94 -0.63 0.00	18.28 -0.60 0.00	18.89 -0.62 0.00	20.80 -0.53 0.00	27.24 -0.39 0.00	30.60 -0.22 0.00	31.17 -0.13 0.00	30.45 -0.15 0.00	32.24 -0.03 0.00	31.27 -0.09 0.00	31.70 -0.16 0.00	31.11 -0.28 0.00	30.08 -0.43 0.00	30.55 -0.56 0.00	34.68 -0.60 0.00	41.50 -0.72 0.00	44.42 -0.54 0.00	42.77 -0.74 0.00	41.11 -0.71 0.00	37.13 -0.60 0.00	30.60 -0.78 0.00	26.61 -0.91 0.00
CHATEAUG_WT_PWR 323614	22.67 -0.85 0.00	19.03 -0.71 0.00	18.91 -0.67 0.00	18.25 -0.64 0.00	18.85 -0.66 0.00	20.73 -0.60 0.00	27.19 -0.44 0.00	30.57 -0.25 0.00	31.17 -0.12 0.00	30.45 -0.15 0.00	32.24 -0.03 0.00	31.27 -0.09 0.00	31.70 -0.16 0.00	31.11 -0.28 0.00	30.08 -0.43 0.00	30.55 -0.56 0.00	34.65 -0.63 0.00	41.46 -0.76 0.00	44.33 -0.63 0.00	42.64 -0.87 0.00	40.94 -0.88 0.00	36.98 -0.75 0.00	30.50 -0.88 0.00	26.55 -0.96 0.00
CHAT_HIGH_FALL_HYD 323578	22.72 -0.80 0.00	19.07 -0.67 0.00	18.94 -0.63 0.00	18.28 -0.60 0.00	18.89 -0.62 0.00	20.80 -0.53 0.00	27.24 -0.39 0.00	30.60 -0.22 0.00	31.17 -0.13 0.00	30.45 -0.15 0.00	32.24 -0.03 0.00	31.27 -0.09 0.00	31.70 -0.16 0.00	31.11 -0.28 0.00	30.08 -0.43 0.00	30.55 -0.56 0.00	34.68 -0.60 0.00	41.50 -0.72 0.00	44.42 -0.54 0.00	42.77 -0.74 0.00	41.11 -0.71 0.00	37.13 -0.60 0.00	30.60 -0.78 0.00	26.61 -0.91 0.00
CHAUTAUQUA___LFGE 323629	23.40 -0.12 0.00	19.23 -0.51 0.00	18.96 -0.61 0.00	18.36 -0.53 0.00	18.87 -0.64 0.00	20.67 -0.66 0.00	26.64 -0.99 0.00	29.65 -1.17 0.00	30.17 -1.13 0.00	29.26 -1.35 0.00	30.30 -1.97 0.00	28.87 -2.04 0.45	29.09 -2.04 0.72	27.33 -2.01 2.05	25.95 -2.38 2.18	26.82 -2.30 1.98	28.42 -2.61 4.25	34.41 -2.83 4.98	40.03 -2.97 1.96	41.16 -2.35 0.00	40.36 -1.47 0.00	36.26 -1.47 0.00	30.88 -0.50 0.00	26.85 -0.66 0.00
CHERRYST_13_KV_LD 356241	25.16 1.65 0.00	21.22 1.48 0.00	20.92 1.35 0.00	20.19 1.30 0.00	20.90 1.39 0.00	22.70 1.37 0.00	29.18 1.55 0.00	32.76 1.94 0.00	33.49 2.19 0.00	32.99 2.39 0.00	34.79 2.52 0.00	33.94 2.57 0.00	34.50 2.64 0.00	34.10 2.70 0.00	33.46 2.96 0.00	34.09 2.99 0.00	38.50 3.21 0.00	45.84 3.63 0.00	48.51 3.55 0.00	46.94 3.44 0.00	45.09 3.26 0.00	40.45 2.72 0.00	33.93 2.54 0.00	29.72 2.20 0.00

CHESTROR_138KV_BK263 355645	24.69 1.18 0.00	20.78 1.05 0.00	20.53 0.96 0.00	19.81 0.93 0.00	20.51 1.00 0.00	22.31 0.98 0.00	28.60 0.97 0.00	31.99 1.17 0.00	32.58 1.28 0.00	32.04 1.44 0.00	33.79 1.52 0.00	32.93 1.57 0.00	33.48 1.62 0.00	33.09 1.70 0.00	32.40 1.89 0.00	33.00 1.90 0.00	37.33 2.05 0.00	44.58 2.36 0.00	47.29 2.34 0.00	45.86 2.35 0.00	44.08 2.26 0.00	39.54 1.81 0.00	33.11 1.73 0.00	29.03 1.51 0.00
CH_MIDHUDSON___DRP 24192	24.91 1.39 0.00	20.94 1.20 0.00	20.71 1.14 0.00	19.98 1.10 0.00	20.66 1.15 0.00	22.51 1.17 0.00	28.79 1.16 0.00	32.21 1.39 0.00	32.80 1.50 0.00	32.26 1.65 0.00	34.02 1.74 0.00	33.22 1.85 0.00	33.73 1.88 0.00	33.34 1.95 0.00	32.67 2.17 0.00	33.25 2.15 0.00	37.58 2.29 0.00	44.92 2.70 0.00	47.65 2.70 0.00	46.21 2.70 0.00	44.42 2.59 0.00	39.81 2.08 0.00	33.36 1.98 0.00	29.25 1.73 0.00
CH_MISC_IPPS 23765	25.00 1.48 0.00	21.02 1.28 0.00	20.76 1.19 0.00	20.06 1.17 0.00	20.74 1.23 0.00	22.61 1.28 0.00	28.87 1.24 0.00	32.30 1.48 0.00	32.92 1.63 0.00	32.35 1.74 0.00	34.14 1.87 0.00	33.34 1.98 0.00	33.86 2.01 0.00	33.47 2.07 0.00	32.82 2.32 0.00	33.41 2.30 0.00	37.75 2.47 0.00	45.21 3.00 0.00	47.97 3.01 0.00	46.51 3.00 0.00	44.71 2.88 0.00	39.99 2.26 0.00	33.49 2.10 0.00	29.39 1.87 0.00
CH_RES_BVR_FALLS 23983	23.00 -0.52 0.00	19.30 -0.43 0.00	19.16 -0.41 0.00	18.51 -0.38 0.00	19.14 -0.37 0.00	20.99 -0.34 0.00	27.30 -0.33 0.00	30.54 -0.28 0.00	31.04 -0.25 0.00	30.33 -0.28 0.00	32.01 -0.26 0.00	31.05 -0.31 0.00	31.51 -0.35 0.00	31.02 -0.38 0.00	30.08 -0.43 0.00	30.64 -0.47 0.00	34.79 -0.49 0.00	41.66 -0.55 0.00	44.46 -0.49 0.00	42.99 -0.52 0.00	41.28 -0.54 0.00	37.24 -0.49 0.00	30.85 -0.53 0.00	26.99 -0.52 0.00
CH_RES_NIAGARA 23895	22.67 -0.85 0.00	18.55 -1.18 0.00	18.32 -1.25 0.00	17.85 -1.04 0.00	18.21 -1.31 0.00	19.99 -1.34 0.00	25.40 -2.21 0.02	28.27 -2.53 0.02	28.80 -2.47 0.02	27.86 -2.72 0.02	28.90 -3.36 0.02	28.10 -2.79 0.48	28.42 -2.68 0.76	26.72 -2.51 2.17	25.39 -2.81 2.30	26.34 -2.68 2.09	27.67 -3.11 4.51	33.70 -3.38 5.14	39.24 -3.64 2.07	39.18 -4.31 0.02	38.42 -3.39 0.02	34.32 -3.40 0.02	29.42 -1.95 0.02	25.90 -1.60 0.02
CH_RES_SYRACUSE 23985	23.64 0.12 0.00	19.82 0.08 0.00	19.61 0.04 0.00	18.91 0.02 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.63 0.00 0.00	30.61 -0.21 0.00	31.08 -0.22 0.00	30.24 -0.37 0.00	31.79 -0.48 0.00	30.86 -0.50 0.00	31.38 -0.48 0.00	30.96 -0.44 0.00	29.99 -0.52 0.00	30.64 -0.47 0.00	34.68 -0.60 0.00	41.83 -0.38 0.00	44.59 -0.36 0.00	43.25 -0.26 0.00	41.78 -0.04 0.00	37.62 -0.11 0.00	31.32 -0.06 0.00	27.49 -0.03 0.00
CLINTON_WT_PWR 323605	22.67 -0.85 0.00	19.03 -0.71 0.00	18.91 -0.67 0.00	18.25 -0.64 0.00	18.85 -0.66 0.00	20.73 -0.60 0.00	27.19 -0.44 0.00	30.57 -0.25 0.00	31.17 -0.12 0.00	30.45 -0.15 0.00	32.24 -0.03 0.00	31.27 -0.09 0.00	31.70 -0.16 0.00	31.11 -0.28 0.00	30.08 -0.43 0.00	30.55 -0.56 0.00	34.65 -0.63 0.00	41.46 -0.76 0.00	44.33 -0.63 0.00	42.64 -0.87 0.00	40.94 -0.88 0.00	36.98 -0.75 0.00	30.50 -0.88 0.00	26.55 -0.96 0.00
CLINTON___LFGE 323618	23.02 -0.49 0.00	19.30 -0.43 0.00	19.20 -0.37 0.00	18.55 -0.34 0.00	19.14 -0.37 0.00	21.05 -0.28 0.00	27.60 -0.03 0.00	31.06 0.25 0.00	31.64 0.34 0.00	30.88 0.27 0.00	32.69 0.42 0.00	31.71 0.35 0.00	32.17 0.32 0.00	31.62 0.22 0.00	30.53 0.03 0.00	31.01 -0.09 0.00	35.21 -0.07 0.00	42.17 -0.04 0.00	45.27 0.32 0.00	43.46 -0.04 0.00	41.95 0.13 0.00	37.73 0.00 0.00	31.04 -0.34 0.00	26.97 -0.55 0.00
COBBLENY_34_KV_TB1 80064	23.38 -0.14 0.00	19.19 -0.55 0.00	18.94 -0.63 0.00	18.30 -0.59 0.00	18.81 -0.70 0.00	20.56 -0.77 0.00	26.28 -1.35 0.00	29.37 -1.45 0.00	29.89 -1.41 0.00	28.95 -1.65 0.00	29.98 -2.29 0.00	28.66 -2.23 0.47	28.90 -2.20 0.76	27.18 -2.07 2.14	25.79 -2.44 2.28	26.67 -2.36 2.07	28.09 -2.75 4.44	34.02 -3.00 5.19	39.67 -3.24 2.05	40.81 -2.70 0.00	40.03 -1.80 0.00	35.73 -2.00 0.00	30.57 -0.82 0.00	26.77 -0.74 0.00
COFFEEN___115KV_TB3 355620	24.18 0.66 0.00	20.27 0.53 0.00	20.04 0.47 0.00	19.30 0.42 0.00	20.00 0.49 0.00	22.04 0.70 0.00	28.62 0.99 0.00	31.93 1.11 0.00	32.23 0.94 0.00	31.12 0.52 0.00	32.60 0.32 0.00	31.58 0.22 0.00	31.92 0.06 0.00	31.52 0.13 0.00	30.44 -0.06 0.00	31.11 0.00 0.00	35.36 0.07 0.00	42.72 0.51 0.00	46.48 1.53 0.00	45.29 1.78 0.00	43.92 2.09 0.00	39.32 1.58 0.00	32.42 1.04 0.00	28.23 0.72 0.00
COLDSPRG_115KV_BK1 355956	23.54 0.02 0.00	19.36 -0.38 0.00	19.12 -0.45 0.00	18.49 -0.40 0.00	19.02 -0.49 0.00	20.86 -0.47 0.00	26.75 -0.88 0.00	30.05 -0.77 0.00	30.57 -0.72 0.00	29.62 -0.98 0.00	30.66 -1.61 0.00	29.48 -1.66 0.23	29.71 -1.78 0.36	28.62 -1.76 1.02	27.23 -2.20 1.08	27.97 -2.15 0.99	30.63 -2.54 2.12	36.93 -2.83 2.46	41.06 -2.92 0.97	41.68 -1.83 0.00	40.90 -0.92 0.00	36.45 -1.28 0.00	31.10 -0.28 0.00	27.07 -0.44 0.00
COLONIE_LFGE___ 323577	24.69 1.18 0.00	20.74 1.01 0.00	20.55 0.98 0.00	19.81 0.93 0.00	20.47 0.96 0.00	22.33 1.00 0.00	28.60 0.97 0.00	32.05 1.23 0.00	46.04 1.25 -13.50	52.62 1.38 -20.64	50.44 1.42 -16.75	32.68 1.32 0.00	33.16 1.31 0.00	32.78 1.38 0.00	32.00 1.49 0.00	32.63 1.52 0.00	36.80 1.52 0.00	43.86 1.64 0.00	46.53 1.57 0.00	45.33 1.83 0.00	43.62 1.80 0.00	39.20 1.47 0.00	32.83 1.44 0.00	28.92 1.40 0.00
COOPERNY_115KV_TB1 80082	24.39 0.87 0.00	20.51 0.77 0.00	20.29 0.72 0.00	19.59 0.70 0.00	20.25 0.74 0.00	22.04 0.70 0.00	28.35 0.72 0.00	31.68 0.86 0.00	32.23 0.94 0.00	31.64 1.04 0.00	33.37 1.10 0.00	32.49 1.13 0.00	33.00 1.15 0.00	32.62 1.22 0.00	31.85 1.34 0.00	32.48 1.37 0.00	36.73 1.45 0.00	43.90 1.69 0.00	46.62 1.66 0.00	45.16 1.65 0.00	43.46 1.63 0.00	39.05 1.32 0.00	32.64 1.26 0.00	28.64 1.13 0.00
COPENHAGEN_WT_PWR 323753	23.96 0.45 0.00	20.11 0.37 0.00	19.88 0.31 0.00	19.17 0.28 0.00	19.84 0.33 0.00	21.82 0.49 0.00	28.38 0.75 0.00	31.65 0.83 0.00	31.95 0.66 0.00	30.91 0.31 0.00	32.34 0.06 0.00	31.37 0.00 0.00	31.76 -0.10 0.00	31.33 -0.06 0.00	30.29 -0.21 0.00	30.95 -0.15 0.00	35.18 -0.11 0.00	42.38 0.17 0.00	46.03 1.08 0.00	44.77 1.26 0.00	43.41 1.59 0.00	38.86 1.13 0.00	32.11 0.72 0.00	27.98 0.47 0.00
CORNELL_____ 23752	24.06 0.54 0.00	20.13 0.39 0.00	19.92 0.35 0.00	19.23 0.34 0.00	19.82 0.31 0.00	21.69 0.36 0.00	28.04 0.41 0.00	31.22 0.40 0.00	31.64 0.34 0.00	30.82 0.21 0.00	32.34 0.06 0.00	31.54 0.00 -0.18	32.11 -0.03 -0.29	32.21 0.00 -0.81	31.27 -0.09 -0.86	31.85 -0.03 -0.78	36.88 -0.07 -1.67	44.39 0.21 -1.97	46.13 0.40 -0.77	44.16 0.65 0.00	42.75 0.92 0.00	38.41 0.68 0.00	31.98 0.60 0.00	28.04 0.52 0.00

CORONA_69_KV_TB1 355595	25.46 1.93 -0.01	24.31 1.70 -2.88	21.22 1.62 -0.02	20.46 1.55 -0.02	21.19 1.66 -0.02	23.01 1.66 -0.01	29.52 1.88 -0.01	33.05 2.22 -0.01	33.65 2.35 -0.01	33.12 2.51 -0.01	37.02 2.55 -2.20	36.39 2.60 -2.42	37.09 2.61 -2.62	37.25 2.70 -3.16	37.75 2.87 -4.37	38.44 2.86 -4.47	38.44 3.14 -0.01	45.98 3.76 -0.01	48.74 3.78 -0.01	47.26 3.74 -0.01	45.30 3.47 0.00	40.52 2.79 0.00	57.94 2.73 -23.82	33.16 2.39 -3.25
CORTLAND_115KV_TB3 80093	23.96 0.45 0.00	20.07 0.34 0.00	19.86 0.29 0.00	19.17 0.28 0.00	19.77 0.25 0.00	21.63 0.30 0.00	27.93 0.30 0.00	31.07 0.25 0.00	31.51 0.22 0.00	30.76 0.15 0.00	32.27 0.00 0.00	31.33 -0.03 0.00	31.82 -0.03 0.00	31.40 0.00 0.00	30.44 -0.06 0.00	31.08 -0.03 0.00	35.21 -0.07 0.00	42.34 0.13 0.00	45.23 0.27 0.00	43.94 0.44 0.00	42.49 0.67 0.00	38.18 0.45 0.00	31.82 0.44 0.00	27.93 0.41 0.00
COXSACKIE___GT 23611	25.02 1.51 0.00	21.04 1.30 0.00	20.80 1.23 0.00	20.08 1.19 0.00	20.70 1.19 0.00	22.74 1.41 0.00	28.84 1.21 0.00	32.05 1.23 0.00	27.84 1.12 4.58	24.67 1.07 7.01	27.65 1.06 5.69	32.46 1.10 0.00	32.97 1.11 0.00	32.52 1.13 0.00	31.79 1.28 0.00	32.41 1.31 0.00	36.70 1.41 0.00	44.12 1.90 0.00	47.16 2.20 0.00	46.07 2.57 0.00	44.42 2.59 0.00	39.92 2.19 0.00	33.33 1.95 0.00	29.39 1.87 0.00
CPV_VALLEY___CC1 323721	24.53 1.01 0.00	20.63 0.89 0.00	20.39 0.82 0.00	19.68 0.79 0.00	20.35 0.84 0.00	22.16 0.83 0.00	28.40 0.77 0.00	31.81 0.99 0.00	32.39 1.09 0.00	31.83 1.23 0.00	33.60 1.32 0.00	32.71 1.35 0.00	33.22 1.37 0.00	32.84 1.44 0.00	32.15 1.65 0.00	32.75 1.65 0.00	37.01 1.73 0.00	44.24 2.03 0.00	46.93 1.98 0.00	45.47 1.96 0.00	43.71 1.88 0.00	39.16 1.43 0.00	32.80 1.41 0.00	28.81 1.29 0.00
CPV_VALLEY___CC2 323722	24.53 1.01 0.00	20.63 0.89 0.00	20.39 0.82 0.00	19.68 0.79 0.00	20.35 0.84 0.00	22.16 0.83 0.00	28.40 0.77 0.00	31.81 0.99 0.00	32.39 1.09 0.00	31.83 1.23 0.00	33.60 1.32 0.00	32.71 1.35 0.00	33.22 1.37 0.00	32.84 1.44 0.00	32.15 1.65 0.00	32.75 1.65 0.00	37.01 1.73 0.00	44.24 2.03 0.00	46.93 1.98 0.00	45.47 1.96 0.00	43.71 1.88 0.00	39.16 1.43 0.00	32.80 1.41 0.00	28.81 1.29 0.00
CRESCENT___HYD 24018	24.69 1.18 0.00	20.74 1.01 0.00	20.55 0.98 0.00	19.81 0.93 0.00	20.47 0.96 0.00	22.33 1.00 0.00	28.60 0.97 0.00	32.05 1.23 0.00	46.04 1.25 -13.50	52.62 1.38 -20.64	50.44 1.42 -16.75	32.68 1.32 0.00	33.16 1.31 0.00	32.78 1.38 0.00	32.00 1.49 0.00	32.63 1.52 0.00	36.80 1.52 0.00	43.86 1.64 0.00	46.53 1.57 0.00	45.33 1.83 0.00	43.62 1.80 0.00	39.20 1.47 0.00	32.83 1.44 0.00	28.92 1.40 0.00
CRICKET___VALLEY_CC1 323756	24.72 1.20 0.00	20.82 1.08 0.00	20.59 1.02 0.00	19.87 0.98 0.00	20.55 1.03 0.00	22.36 1.02 0.00	28.54 0.91 0.00	32.02 1.20 0.00	32.48 1.19 0.00	32.01 1.41 0.00	33.76 1.49 0.00	32.90 1.54 0.00	33.42 1.56 0.00	33.06 1.66 0.00	32.37 1.86 0.00	32.97 1.87 0.00	37.19 1.90 0.00	44.32 2.11 0.00	46.98 2.02 0.00	45.60 2.09 0.00	43.83 2.01 0.00	39.24 1.51 0.00	32.92 1.54 0.00	28.97 1.46 0.00
CRICKET___VALLEY_CC2 323757	24.72 1.20 0.00	20.82 1.08 0.00	20.59 1.02 0.00	19.87 0.98 0.00	20.55 1.03 0.00	22.36 1.02 0.00	28.54 0.91 0.00	32.02 1.20 0.00	32.48 1.19 0.00	32.01 1.41 0.00	33.76 1.49 0.00	32.90 1.54 0.00	33.42 1.56 0.00	33.06 1.66 0.00	32.37 1.86 0.00	32.97 1.87 0.00	37.19 1.90 0.00	44.32 2.11 0.00	46.98 2.02 0.00	45.60 2.09 0.00	43.83 2.01 0.00	39.24 1.51 0.00	32.92 1.54 0.00	28.97 1.46 0.00
CRICKET___VALLEY_CC3 323758	24.72 1.20 0.00	20.82 1.08 0.00	20.59 1.02 0.00	19.87 0.98 0.00	20.55 1.03 0.00	22.36 1.02 0.00	28.54 0.91 0.00	32.02 1.20 0.00	32.48 1.19 0.00	32.01 1.41 0.00	33.76 1.49 0.00	32.90 1.54 0.00	33.42 1.56 0.00	33.06 1.66 0.00	32.37 1.86 0.00	32.97 1.87 0.00	37.19 1.90 0.00	44.32 2.11 0.00	46.98 2.02 0.00	45.60 2.09 0.00	43.83 2.01 0.00	39.24 1.51 0.00	32.92 1.54 0.00	28.97 1.46 0.00
CRUCIBLE_METL_DRP 24180	23.64 0.12 0.00	19.82 0.08 0.00	19.61 0.04 0.00	18.91 0.02 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.60 -0.03 0.00	30.60 -0.22 0.00	31.08 -0.22 0.00	30.24 -0.37 0.00	31.79 -0.48 0.00	30.89 -0.47 0.00	31.38 -0.48 0.00	30.96 -0.44 0.00	29.99 -0.52 0.00	30.64 -0.47 0.00	34.68 -0.60 0.00	41.83 -0.38 0.00	44.60 -0.36 0.00	43.25 -0.26 0.00	41.78 -0.04 0.00	37.58 -0.15 0.00	31.29 -0.09 0.00	27.49 -0.03 0.00
DAHOWA___HYDRO 323763	25.09 1.58 0.00	21.06 1.32 0.00	20.82 1.25 0.00	20.06 1.17 0.00	20.72 1.21 0.00	22.72 1.39 0.00	29.12 1.49 0.00	32.58 1.76 0.00	39.90 1.85 -6.76	42.74 1.81 -10.33	42.56 1.90 -8.39	33.25 1.88 0.00	33.70 1.85 0.00	33.25 1.85 0.00	32.37 1.86 0.00	33.04 1.93 0.00	37.15 1.87 0.00	44.41 2.19 0.00	47.16 2.20 0.00	46.07 2.57 0.00	44.42 2.59 0.00	40.03 2.30 0.00	33.45 2.07 0.00	29.41 1.90 0.00
DANC___LFGE 323619	23.75 0.24 0.00	19.92 0.18 0.00	19.71 0.14 0.00	19.00 0.11 0.00	19.65 0.14 0.00	21.55 0.21 0.00	27.96 0.33 0.00	31.10 0.28 0.00	31.45 0.16 0.00	30.54 -0.06 0.00	32.01 -0.26 0.00	31.08 -0.28 0.00	31.51 -0.35 0.00	31.08 -0.31 0.00	30.11 -0.40 0.00	30.70 -0.41 0.00	34.86 -0.42 0.00	42.00 -0.21 0.00	45.27 0.32 0.00	43.99 0.48 0.00	42.58 0.75 0.00	38.26 0.53 0.00	31.67 0.28 0.00	27.71 0.19 0.00
DANSKAMMER___1 23586	25.00 1.48 0.00	21.02 1.28 0.00	20.76 1.19 0.00	20.06 1.17 0.00	20.74 1.23 0.00	22.61 1.28 0.00	28.87 1.24 0.00	32.30 1.48 0.00	32.92 1.63 0.00	32.35 1.74 0.00	34.14 1.87 0.00	33.34 1.98 0.00	33.86 2.01 0.00	33.47 2.07 0.00	32.82 2.32 0.00	33.41 2.30 0.00	37.75 2.47 0.00	45.21 3.00 0.00	47.97 3.01 0.00	46.51 3.00 0.00	44.71 2.88 0.00	39.99 2.26 0.00	33.49 2.10 0.00	29.39 1.87 0.00
DANSKAMMER___2 23589	25.00 1.48 0.00	21.02 1.28 0.00	20.76 1.19 0.00	20.06 1.17 0.00	20.74 1.23 0.00	22.61 1.28 0.00	28.87 1.24 0.00	32.30 1.48 0.00	32.92 1.63 0.00	32.35 1.74 0.00	34.14 1.87 0.00	33.34 1.98 0.00	33.86 2.01 0.00	33.47 2.07 0.00	32.82 2.32 0.00	33.41 2.30 0.00	37.75 2.47 0.00	45.21 3.00 0.00	47.97 3.01 0.00	46.51 3.00 0.00	44.71 2.88 0.00	39.99 2.26 0.00	33.49 2.10 0.00	29.39 1.87 0.00
DANSKAMMER___3 23590	25.00 1.48 0.00	21.02 1.28 0.00	20.76 1.19 0.00	20.06 1.17 0.00	20.74 1.23 0.00	22.61 1.28 0.00	28.87 1.24 0.00	32.30 1.48 0.00	32.92 1.63 0.00	32.35 1.74 0.00	34.14 1.87 0.00	33.34 1.98 0.00	33.86 2.01 0.00	33.47 2.07 0.00	32.82 2.32 0.00	33.41 2.30 0.00	37.75 2.47 0.00	45.21 3.00 0.00	47.97 3.01 0.00	46.51 3.00 0.00	44.71 2.88 0.00	39.99 2.26 0.00	33.49 2.10 0.00	29.39 1.87 0.00

DANSKAMMER___4 23591	25.00 1.48 0.00	21.02 1.28 0.00	20.76 1.19 0.00	20.06 1.17 0.00	20.74 1.23 0.00	22.61 1.28 0.00	28.87 1.24 0.00	32.30 1.48 0.00	32.92 1.63 0.00	32.35 1.74 0.00	34.14 1.87 0.00	33.34 1.98 0.00	33.86 2.01 0.00	33.47 2.07 0.00	32.82 2.32 0.00	33.41 2.30 0.00	37.75 2.47 0.00	45.21 3.00 0.00	47.97 3.01 0.00	46.51 3.00 0.00	44.71 2.88 0.00	39.99 2.26 0.00	33.49 2.10 0.00	29.39 1.87 0.00
DANSKAMMER___DIESEL 23592	25.00 1.48 0.00	21.02 1.28 0.00	20.76 1.19 0.00	20.06 1.17 0.00	20.74 1.23 0.00	22.59 1.26 0.00	28.90 1.27 0.00	32.30 1.48 0.00	32.92 1.63 0.00	32.35 1.74 0.00	34.14 1.87 0.00	33.34 1.98 0.00	33.86 2.01 0.00	33.47 2.07 0.00	32.82 2.32 0.00	33.41 2.30 0.00	37.79 2.51 0.00	45.21 3.00 0.00	47.97 3.01 0.00	46.51 3.00 0.00	44.71 2.89 0.00	40.07 2.34 0.00	33.55 2.17 0.00	29.39 1.87 0.00
DARBY___SOLAR 323810	24.98 1.46 0.00	20.98 1.24 0.00	20.74 1.17 0.00	20.00 1.11 0.00	20.66 1.15 0.00	22.61 1.28 0.00	29.01 1.38 0.00	32.45 1.63 0.00	40.63 1.69 -7.64	43.97 1.68 -11.69	43.53 1.77 -9.48	33.09 1.72 0.00	33.54 1.69 0.00	33.09 1.69 0.00	32.21 1.71 0.00	32.88 1.77 0.00	37.05 1.76 0.00	44.24 2.03 0.00	47.03 2.07 0.00	45.90 2.39 0.00	44.21 2.38 0.00	39.84 2.11 0.00	33.30 1.91 0.00	29.30 1.79 0.00
DASHVILLE___HYD 23610	24.98 1.46 0.00	21.02 1.28 0.00	20.75 1.17 0.00	20.04 1.15 0.00	20.72 1.21 0.00	22.57 1.24 0.00	28.82 1.19 0.00	32.21 1.39 0.00	31.93 1.60 0.96	30.88 1.74 1.47	32.95 1.87 1.19	33.25 1.88 0.00	33.80 1.94 0.00	33.40 2.01 0.00	32.79 2.29 0.00	33.41 2.30 0.00	37.75 2.47 0.00	45.21 3.00 0.00	47.97 3.01 0.00	46.51 3.00 0.00	44.67 2.84 0.00	40.07 2.34 0.00	33.55 2.17 0.00	29.41 1.90 0.00
DELAWARE___LFGE 323621	24.29 0.78 0.00	20.39 0.65 0.00	20.26 0.68 0.00	19.53 0.64 0.00	20.20 0.68 0.00	21.99 0.66 0.00	28.29 0.66 0.00	31.62 0.80 0.00	32.26 0.97 0.00	31.61 1.01 0.00	33.34 1.06 0.00	32.40 1.04 0.00	32.91 1.05 0.00	32.49 1.10 0.00	31.42 0.92 0.00	32.07 0.96 0.00	36.27 0.99 0.00	43.40 1.18 0.00	46.21 1.26 0.00	44.86 1.35 0.00	43.25 1.42 0.00	38.90 1.17 0.00	32.45 1.07 0.00	28.48 0.96 0.00
DERFIELD_115KV_TB7 355931	23.64 0.12 0.00	19.86 0.12 0.00	19.69 0.12 0.00	19.00 0.11 0.00	19.63 0.12 0.00	21.44 0.11 0.00	27.71 0.08 0.00	30.91 0.09 0.00	31.39 0.09 0.00	30.73 0.12 0.00	32.37 0.10 0.00	31.46 0.09 0.00	31.95 0.10 0.00	31.52 0.13 0.00	30.66 0.15 0.00	31.23 0.12 0.00	35.36 0.07 0.00	42.30 0.08 0.00	45.05 0.09 0.00	43.64 0.13 0.00	41.99 0.17 0.00	37.84 0.11 0.00	31.54 0.16 0.00	27.68 0.17 0.00
DOGLEVILLE___HYD 23807	23.07 -0.45 0.00	19.38 -0.36 0.00	19.26 -0.31 0.00	18.60 -0.28 0.00	19.28 -0.23 0.00	21.14 -0.19 0.00	27.38 -0.25 0.00	30.63 -0.18 0.00	31.11 -0.19 0.00	30.45 -0.15 0.00	32.11 -0.16 0.00	31.18 -0.19 0.00	31.66 -0.19 0.00	31.14 -0.25 0.00	30.26 -0.24 0.00	30.80 -0.31 0.00	34.83 -0.46 0.00	41.71 -0.51 0.00	44.42 -0.54 0.00	43.07 -0.44 0.00	41.49 -0.33 0.00	37.47 -0.26 0.00	31.16 -0.22 0.00	27.35 -0.17 0.00
DUNKIRK__115KV_TB_200 55889	23.42 -0.09 0.00	19.23 -0.51 0.00	18.98 -0.59 0.00	18.36 -0.53 0.00	18.89 -0.62 0.00	20.69 -0.64 0.00	26.47 -1.16 0.00	29.62 -1.20 0.00	30.17 -1.13 0.00	29.23 -1.38 0.00	30.27 -2.00 0.00	28.83 -2.07 0.46	29.05 -2.07 0.74	27.29 -2.01 2.09	25.90 -2.38 2.22	26.82 -2.27 2.02	28.31 -2.65 4.33	34.31 -2.83 5.07	39.99 -2.97 2.00	41.16 -2.35 0.00	40.32 -1.51 0.00	35.96 -1.77 0.00	30.72 -0.66 0.00	26.85 -0.66 0.00
DUNKIRK___1 23563	23.42 -0.09 0.00	19.23 -0.51 0.00	18.98 -0.59 0.00	18.36 -0.53 0.00	18.89 -0.62 0.00	20.69 -0.64 0.00	26.47 -1.16 0.00	29.62 -1.20 0.00	30.17 -1.13 0.00	29.23 -1.38 0.00	30.27 -2.00 0.00	28.83 -2.07 0.46	29.05 -2.07 0.74	27.29 -2.01 2.09	25.90 -2.38 2.22	26.82 -2.27 2.02	28.31 -2.65 4.33	34.31 -2.83 5.07	39.99 -2.97 2.00	41.16 -2.35 0.00	40.32 -1.51 0.00	35.96 -1.77 0.00	30.72 -0.66 0.00	26.85 -0.66 0.00
DUNKIRK___2 23564	23.42 -0.09 0.00	19.23 -0.51 0.00	18.98 -0.59 0.00	18.36 -0.53 0.00	18.89 -0.62 0.00	20.69 -0.64 0.00	26.47 -1.16 0.00	29.62 -1.20 0.00	30.17 -1.13 0.00	29.23 -1.38 0.00	30.27 -2.00 0.00	28.83 -2.07 0.46	29.05 -2.07 0.74	27.29 -2.01 2.09	25.90 -2.38 2.22	26.82 -2.27 2.02	28.31 -2.65 4.33	34.31 -2.83 5.07	39.99 -2.97 2.00	41.16 -2.35 0.00	40.32 -1.51 0.00	35.96 -1.77 0.00	30.72 -0.66 0.00	26.85 -0.66 0.00
DUNKIRK___3 23565	23.38 -0.14 0.00	19.21 -0.53 0.00	18.96 -0.61 0.00	18.34 -0.55 0.00	18.85 -0.66 0.00	20.63 -0.70 0.00	26.39 -1.24 0.00	29.49 -1.33 0.00	30.04 -1.25 0.00	29.10 -1.50 0.00	30.14 -2.13 0.00	28.75 -2.13 0.48	28.98 -2.10 0.77	27.18 -2.04 2.18	25.81 -2.38 2.31	26.70 -2.30 2.10	28.09 -2.68 4.51	34.05 -2.87 5.29	39.82 -3.06 2.08	40.98 -2.52 0.00	40.19 -1.63 0.00	35.84 -1.89 0.00	30.60 -0.78 0.00	26.80 -0.72 0.00
DUNKIRK___4 23566	23.38 -0.14 0.00	19.21 -0.53 0.00	18.96 -0.61 0.00	18.34 -0.55 0.00	18.85 -0.66 0.00	20.63 -0.70 0.00	26.39 -1.24 0.00	29.49 -1.33 0.00	30.04 -1.25 0.00	29.10 -1.50 0.00	30.14 -2.13 0.00	28.75 -2.13 0.48	28.98 -2.10 0.77	27.18 -2.04 2.18	25.81 -2.38 2.31	26.70 -2.30 2.10	28.09 -2.68 4.51	34.05 -2.87 5.29	39.82 -3.06 2.08	40.98 -2.52 0.00	40.19 -1.63 0.00	35.84 -1.89 0.00	30.60 -0.78 0.00	26.80 -0.72 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.07 1.55 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.12 1.23 0.00	20.82 1.31 0.00	22.61 1.28 0.00	29.04 1.41 0.00	32.58 1.76 0.00	33.23 1.94 0.00	32.71 2.11 0.00	34.53 2.26 0.00	33.65 2.29 0.00	34.18 2.33 0.00	33.81 2.42 0.00	33.13 2.62 0.00	33.75 2.64 0.00	38.14 2.86 0.00	45.47 3.25 0.00	48.15 3.19 0.00	46.64 3.13 0.00	44.79 2.97 0.00	40.18 2.45 0.00	33.71 2.32 0.00	29.52 2.01 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.86 1.34 0.00	20.90 1.16 0.00	20.65 1.08 0.00	19.95 1.06 0.00	20.62 1.11 0.00	22.44 1.11 0.00	28.76 1.13 0.00	32.14 1.33 0.00	32.77 1.47 0.00	32.19 1.59 0.00	33.98 1.71 0.00	33.15 1.79 0.00	33.67 1.82 0.00	33.28 1.88 0.00	32.61 2.10 0.00	33.22 2.12 0.00	37.58 2.29 0.00	44.92 2.70 0.00	47.70 2.74 0.00	46.21 2.70 0.00	44.42 2.59 0.00	39.81 2.08 0.00	33.33 1.95 0.00	29.22 1.71 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.16 1.65 0.00	21.29 1.54 -0.01	20.98 1.41 0.00	20.21 1.32 0.00	20.94 1.42 0.00	22.55 1.22 0.00	29.01 1.38 0.00	32.55 1.73 0.00	33.27 1.97 0.00	32.78 2.17 0.00	34.60 2.32 0.00	33.75 2.38 0.00	34.28 2.42 0.00	33.91 2.51 0.00	33.28 2.78 0.00	33.88 2.77 0.00	38.25 2.96 0.00	45.51 3.29 0.00	48.15 3.19 0.00	46.55 3.05 0.00	44.71 2.89 0.00	40.22 2.49 0.00	33.86 2.48 0.00	29.72 2.20 0.00

E179THST_13_KV_LOAD 356214	25.28 1.76 0.00	21.37 1.62 -0.01	21.06 1.49 0.00	20.29 1.40 0.00	21.01 1.50 0.00	22.65 1.32 0.00	29.12 1.49 0.00	32.70 1.88 0.00	33.42 2.13 0.00	32.93 2.33 0.00	34.76 2.48 0.00	33.91 2.54 0.00	34.44 2.58 0.00	34.06 2.67 0.00	33.43 2.93 0.00	34.06 2.96 0.00	38.46 3.18 0.00	45.76 3.55 0.00	48.42 3.46 0.00	46.81 3.31 0.00	44.96 3.14 0.00	40.45 2.72 0.00	34.05 2.67 0.00	29.88 2.37 0.00
EAST HAMPTON___GT 23717	26.44 2.92 -0.01	24.48 2.68 -2.06	23.67 2.58 -1.51	22.86 2.51 -1.46	22.83 2.62 -0.70	24.05 2.71 -0.01	30.46 2.82 -0.01	34.37 3.54 -0.01	35.15 3.85 -0.01	34.41 3.79 -0.01	37.69 3.90 -1.52	36.71 3.67 -1.67	37.23 3.57 -1.81	36.97 3.39 -2.18	37.00 3.48 -3.02	37.62 3.42 -3.09	38.71 3.42 -0.01	46.31 4.01 -0.08	49.03 4.00 -0.08	47.43 3.92 -0.01	45.17 3.35 0.00	40.03 2.30 0.00	35.84 2.45 -2.00	32.29 2.53 -2.24
EAST RIVER___6 23660	25.09 1.58 0.00	21.16 1.42 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.86 1.35 0.00	22.63 1.30 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.33 2.03 0.00	32.87 2.26 0.00	34.66 2.39 0.00	33.81 2.45 0.00	34.34 2.49 0.00	33.97 2.57 0.00	33.34 2.84 0.00	33.97 2.86 0.00	38.32 3.03 0.00	45.68 3.46 0.00	48.37 3.42 0.00	46.81 3.30 0.00	44.96 3.14 0.00	40.30 2.57 0.00	33.80 2.42 0.00	29.63 2.12 0.00
EAST RIVER___7 23524	25.09 1.58 0.00	21.16 1.42 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.86 1.35 0.00	22.63 1.30 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.33 2.03 0.00	32.87 2.26 0.00	34.66 2.39 0.00	33.81 2.45 0.00	34.34 2.49 0.00	33.97 2.57 0.00	33.34 2.84 0.00	33.97 2.86 0.00	38.32 3.03 0.00	45.68 3.46 0.00	48.37 3.42 0.00	46.81 3.30 0.00	44.96 3.14 0.00	40.30 2.57 0.00	33.80 2.42 0.00	29.63 2.12 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.02 1.51 0.00	21.06 1.32 0.00	20.80 1.23 0.00	20.08 1.19 0.00	20.78 1.27 0.00	22.57 1.24 0.00	28.98 1.35 0.00	32.48 1.66 0.00	33.14 1.85 0.00	32.65 2.05 0.00	34.43 2.16 0.00	33.56 2.20 0.00	34.08 2.23 0.00	33.72 2.32 0.00	33.04 2.53 0.00	33.66 2.55 0.00	38.04 2.75 0.00	45.34 3.12 0.00	48.06 3.10 0.00	46.51 3.00 0.00	44.71 2.89 0.00	40.07 2.34 0.00	33.61 2.23 0.00	29.47 1.95 0.00
EAST_HAMPTON___DIESEL 23722	26.44 2.92 -0.01	24.48 2.68 -2.06	23.67 2.58 -1.51	22.86 2.51 -1.46	22.83 2.62 -0.70	24.05 2.71 -0.01	30.46 2.82 -0.01	34.37 3.54 -0.01	35.15 3.85 -0.01	34.41 3.79 -0.01	37.69 3.90 -1.52	36.68 3.64 -1.67	37.20 3.54 -1.81	36.90 3.33 -2.18	36.94 3.42 -3.02	37.56 3.36 -3.09	38.61 3.32 -0.01	46.17 3.88 -0.08	48.94 3.91 -0.08	47.30 3.78 -0.01	45.05 3.22 0.00	39.96 2.23 0.00	35.77 2.38 -2.00	32.24 2.48 -2.24
EAST_POINT___SOLAR 323840	25.45 1.93 0.00	21.32 1.58 0.00	21.08 1.51 0.00	20.30 1.42 0.00	20.99 1.48 0.00	23.12 1.79 0.00	29.67 2.04 0.00	32.88 2.07 0.00	33.58 2.28 0.00	32.53 1.93 0.00	34.21 1.94 0.00	32.84 1.47 0.00	32.97 1.11 0.00	32.56 1.16 0.00	31.69 1.19 0.00	32.29 1.18 0.00	36.52 1.23 0.00	43.73 1.52 0.00	46.98 2.02 0.00	46.77 3.26 0.00	45.55 3.72 0.00	41.01 3.28 0.00	34.18 2.79 0.00	29.85 2.34 0.00
EAST_PULASKI___ESR 323781	23.54 0.02 0.00	19.74 0.00 0.00	19.53 -0.04 0.00	18.85 -0.04 0.00	19.45 -0.06 0.00	21.29 -0.04 0.00	27.60 -0.03 0.00	30.61 -0.21 0.00	31.01 -0.28 0.00	30.20 -0.40 0.00	31.72 -0.55 0.00	30.83 -0.53 0.00	31.28 -0.57 0.00	30.86 -0.53 0.00	29.89 -0.61 0.00	30.51 -0.59 0.00	34.61 -0.67 0.00	41.58 -0.63 0.00	44.55 -0.41 0.00	43.25 -0.26 0.00	41.83 0.00 0.00	37.62 -0.11 0.00	31.26 -0.13 0.00	27.41 -0.11 0.00
EAST_RIVER___1 323558	25.09 1.58 0.00	21.16 1.42 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.86 1.35 0.00	22.63 1.30 0.00	29.07 1.44 0.00	32.64 1.82 0.00	33.33 2.03 0.00	32.87 2.26 0.00	34.66 2.39 0.00	33.81 2.45 0.00	34.34 2.49 0.00	33.97 2.57 0.00	33.34 2.84 0.00	33.97 2.86 0.00	38.32 3.03 0.00	45.68 3.46 0.00	48.37 3.42 0.00	46.81 3.30 0.00	44.96 3.14 0.00	40.26 2.53 0.00	33.77 2.38 0.00	29.63 2.12 0.00
EAST_RIVER___2 323559	25.09 1.58 0.00	21.16 1.42 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.86 1.35 0.00	22.63 1.30 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.33 2.03 0.00	32.87 2.26 0.00	34.66 2.39 0.00	33.81 2.45 0.00	34.34 2.49 0.00	33.97 2.57 0.00	33.34 2.84 0.00	33.97 2.86 0.00	38.32 3.03 0.00	45.68 3.46 0.00	48.37 3.42 0.00	46.81 3.30 0.00	44.96 3.14 0.00	40.30 2.57 0.00	33.80 2.42 0.00	29.63 2.12 0.00
EAST___DELAWARE_HYD 23607	24.93 1.41 0.00	20.96 1.22 0.00	20.71 1.13 0.00	19.98 1.10 0.00	20.66 1.15 0.00	22.55 1.22 0.00	28.76 1.13 0.00	32.17 1.35 0.00	32.80 1.50 0.00	32.19 1.59 0.00	33.95 1.68 0.00	33.15 1.79 0.00	33.70 1.85 0.00	33.28 1.88 0.00	32.61 2.10 0.00	33.25 2.14 0.00	37.61 2.33 0.00	45.13 2.91 0.00	48.01 3.06 0.00	46.55 3.04 0.00	44.75 2.93 0.00	40.03 2.30 0.00	33.49 2.10 0.00	29.33 1.82 0.00
EIGHT_POINT___WT_PWR 323820	23.56 0.05 0.00	19.54 -0.20 0.00	19.32 -0.25 0.00	18.72 -0.17 0.00	19.28 -0.23 0.00	21.12 -0.21 0.00	27.22 -0.41 0.00	30.20 -0.62 0.00	30.61 -0.69 0.00	29.65 -0.95 0.00	30.72 -1.55 0.00	31.65 -1.76 -2.04	33.36 -1.75 -3.26	38.87 -1.73 -9.20	38.14 -2.14 -9.77	37.83 -2.15 -8.87	51.74 -2.54 -18.99	62.01 -2.66 -22.45	51.25 -2.47 -8.77	41.81 -1.70 0.00	41.07 -0.75 0.00	37.05 -0.68 0.00	31.17 -0.22 0.00	27.13 -0.39 0.00
ELBRIDGE_115KV_TB2 80188	23.45 -0.07 0.00	19.66 -0.08 0.00	19.45 -0.12 0.00	18.77 -0.11 0.00	19.36 -0.16 0.00	21.16 -0.17 0.00	27.38 -0.25 0.00	30.36 -0.46 0.00	30.79 -0.50 0.00	30.02 -0.58 0.00	31.59 -0.68 0.00	30.64 -0.72 0.00	31.15 -0.70 0.00	30.70 -0.69 0.00	29.77 -0.73 0.00	30.42 -0.68 0.00	34.44 -0.85 0.00	41.41 -0.80 0.00	44.15 -0.81 0.00	42.77 -0.74 0.00	41.36 -0.46 0.00	37.17 -0.57 0.00	31.01 -0.38 0.00	27.27 -0.25 0.00
ELEC_TRO_TEK 24086	25.27 1.74 -0.01	24.18 1.56 -2.88	21.06 1.47 -0.03	20.33 1.42 -0.03	21.05 1.52 -0.02	22.84 1.49 -0.01	29.30 1.66 -0.01	32.80 1.97 -0.01	33.43 2.13 -0.01	32.91 2.30 -0.01	36.79 2.32 -2.20	36.17 2.38 -2.42	36.87 2.39 -2.62	37.00 2.45 -3.16	37.53 2.65 -4.37	38.23 2.64 -4.47	38.15 2.86 -0.01	45.65 3.42 -0.01	48.34 3.37 -0.01	46.87 3.35 -0.01	44.92 3.10 0.00	40.18 2.45 0.00	44.25 2.45 -10.42	32.94 2.17 -3.25
ELLENBURG_WT_PWR 323604	22.67 -0.85 0.00	19.03 -0.71 0.00	18.91 -0.67 0.00	18.25 -0.64 0.00	18.85 -0.66 0.00	20.73 -0.60 0.00	27.19 -0.44 0.00	30.57 -0.25 0.00	31.17 -0.12 0.00	30.45 -0.15 0.00	32.24 -0.03 0.00	31.27 -0.09 0.00	31.70 -0.16 0.00	31.11 -0.28 0.00	30.08 -0.43 0.00	30.55 -0.56 0.00	34.65 -0.63 0.00	41.46 -0.76 0.00	44.33 -0.63 0.00	42.64 -0.87 0.00	40.94 -0.88 0.00	36.98 -0.75 0.00	30.50 -0.88 0.00	26.55 -0.96 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.26 -0.26 0.00	19.09 -0.65 0.00	18.83 -0.74 0.00	18.21 -0.68 0.00	18.71 -0.80 0.00	20.46 -0.87 0.00	26.14 -1.49 0.00	29.16 -1.66 0.00	29.70 -1.60 0.00	28.74 -1.87 0.00	29.79 -2.48 0.00	28.43 -2.42 0.52	28.67 -2.36 0.83	26.82 -2.23 2.35	25.45 -2.56 2.49	26.38 -2.46 2.27	27.57 -2.86 4.86	33.38 -3.12 5.72	39.39 -3.33 2.24	40.46 -3.05 0.00	39.65 -2.17 0.00	35.39 -2.34 0.00	30.32 -1.07 0.00	26.61 -0.91 0.00
EMPIRE_CC_1 323656	24.43 0.92 0.00	20.57 0.83 0.00	20.37 0.80 0.00	19.66 0.77 0.00	20.31 0.80 0.00	22.12 0.79 0.00	28.24 0.61 0.00	31.62 0.80 0.00	21.75 0.75 10.29	15.81 0.95 15.74	20.43 0.94 12.77	32.24 0.88 0.00	32.75 0.89 0.00	32.37 0.97 0.00	31.60 1.10 0.00	32.19 1.09 0.00	36.31 1.02 0.00	43.23 1.01 0.00	45.81 0.85 0.00	44.60 1.09 0.00	42.87 1.05 0.00	38.56 0.83 0.00	32.29 0.91 0.00	28.53 1.02 0.00
EMPIRE_CC_2 323658	24.43 0.92 0.00	20.57 0.83 0.00	20.37 0.80 0.00	19.66 0.77 0.00	20.31 0.80 0.00	22.12 0.79 0.00	28.24 0.61 0.00	31.62 0.80 0.00	21.75 0.75 10.29	15.81 0.95 15.74	20.43 0.94 12.77	32.24 0.88 0.00	32.75 0.89 0.00	32.37 0.97 0.00	31.60 1.10 0.00	32.19 1.09 0.00	36.31 1.02 0.00	43.23 1.01 0.00	45.81 0.85 0.00	44.60 1.09 0.00	42.87 1.05 0.00	38.56 0.83 0.00	32.29 0.91 0.00	28.53 1.02 0.00
ENORWICH_115KV_TB1 80156	24.74 1.22 0.00	20.75 1.01 0.00	20.53 0.96 0.00	19.79 0.91 0.00	20.51 1.00 0.00	22.61 1.28 0.00	29.15 1.52 0.00	32.64 1.82 0.00	33.08 1.78 0.00	32.01 1.41 0.00	33.60 1.32 0.00	32.57 1.10 -0.11	33.18 1.15 -0.18	33.03 1.13 -0.50	31.92 0.88 -0.53	32.65 1.06 -0.48	37.48 1.16 -1.03	45.33 1.90 -1.22	47.99 2.56 -0.48	46.29 2.78 0.00	45.00 3.18 0.00	40.41 2.68 0.00	33.45 2.07 0.00	29.19 1.68 0.00
ERIE_ST__34_KV_TB1-2 80199	23.40 -0.12 0.00	19.21 -0.53 0.00	18.96 -0.61 0.00	18.32 -0.57 0.00	18.85 -0.66 0.00	20.59 -0.75 0.00	26.31 -1.33 0.00	29.43 -1.39 0.00	29.98 -1.31 0.00	29.07 -1.53 0.00	30.11 -2.16 0.52	28.74 -2.10 0.83	28.92 -2.10 2.36	27.09 -1.95 2.51	25.59 -2.41 2.28	26.49 -2.33 4.89	27.64 -2.75 4.89	33.35 -3.17 5.70	39.33 -3.37 2.25	41.03 -2.48 0.00	40.20 -1.63 0.00	35.85 -1.89 0.00	30.63 -0.75 0.00	26.80 -0.72 0.00
ERIE_WT_PWR 323693	23.35 -0.16 0.00	19.17 -0.57 0.00	18.91 -0.67 0.00	18.30 -0.59 0.00	18.79 -0.72 0.00	20.54 -0.79 0.00	26.42 -1.22 0.00	29.28 -1.54 0.00	29.82 -1.47 0.00	28.86 -1.74 0.00	29.92 -2.35 0.00	28.46 -2.32 0.59	28.66 -2.26 0.94	26.56 -2.52 2.67	25.14 -2.53 2.83	26.11 -2.43 2.57	26.98 -2.79 5.52	32.63 -3.12 6.46	39.08 -3.33 2.55	40.63 -2.87 0.00	39.86 -1.97 0.00	35.92 -1.81 0.00	30.66 -0.72 0.00	26.72 -0.80 0.00
ESPRGFLD_115KV_TB1 80157	24.91 1.39 0.00	20.86 1.13 0.00	20.67 1.10 0.00	19.93 1.04 0.00	20.62 1.11 0.00	22.59 1.26 0.00	29.09 1.46 0.00	32.48 1.66 0.00	32.73 1.44 0.00	32.01 1.41 0.00	33.76 1.48 0.00	32.81 1.44 0.00	33.35 1.50 0.00	32.93 1.54 0.00	31.91 1.40 0.00	32.57 1.46 0.00	36.80 1.52 0.00	44.16 1.94 0.00	47.25 2.29 0.00	46.16 2.65 0.00	44.63 2.80 0.00	40.15 2.41 0.00	33.42 2.04 0.00	29.19 1.68 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.06 0.54 0.00	20.15 0.41 0.00	19.92 0.35 0.00	19.23 0.34 0.00	19.84 0.33 0.00	21.72 0.38 0.00	28.04 0.41 0.00	31.22 0.40 0.00	31.64 0.34 0.00	30.82 0.21 0.00	32.34 0.06 0.00	31.54 0.00 -0.18	32.11 -0.03 -0.29	32.21 0.00 -0.81	31.27 -0.09 -0.86	31.85 -0.03 -0.78	36.88 -0.07 -1.67	44.39 0.21 -1.97	46.17 0.45 -0.77	44.16 0.65 0.00	42.79 0.96 0.00	38.41 0.68 0.00	31.98 0.60 0.00	28.04 0.52 0.00
ETNA____115KV_TB2 80207	24.06 0.54 0.00	20.15 0.41 0.00	19.92 0.35 0.00	19.23 0.34 0.00	19.84 0.33 0.00	21.72 0.38 0.00	28.04 0.41 0.00	31.22 0.40 0.00	31.64 0.34 0.00	30.82 0.21 0.00	32.34 0.06 0.00	31.54 0.00 -0.18	32.11 -0.03 -0.29	32.21 0.00 -0.81	31.27 -0.09 -0.86	31.85 -0.03 -0.78	36.88 -0.07 -1.67	44.39 0.21 -1.97	46.17 0.45 -0.77	44.16 0.65 0.00	42.79 0.96 0.00	38.41 0.68 0.00	31.98 0.60 0.00	28.04 0.52 0.00
EUCLID___115KV_TB2 356179	23.54 0.02 0.00	19.72 -0.02 0.00	19.51 -0.06 0.00	18.83 -0.06 0.00	19.43 -0.08 0.00	21.23 -0.11 0.00	27.44 -0.19 0.00	30.45 -0.37 0.00	30.89 -0.41 0.00	30.17 -0.43 0.00	31.76 -0.52 0.00	30.83 -0.53 0.00	31.35 -0.51 0.00	30.89 -0.50 0.00	29.96 -0.55 0.00	30.61 -0.50 0.00	34.65 -0.64 0.00	41.62 -0.59 0.00	44.37 -0.58 0.00	43.03 -0.48 0.00	41.53 -0.29 0.00	37.35 -0.38 0.00	31.13 -0.25 0.00	27.38 -0.14 0.00
E_CANADA_CAP_HY 24051	25.33 1.81 0.00	21.24 1.50 0.00	21.00 1.43 0.00	20.23 1.34 0.00	20.92 1.41 0.00	23.00 1.66 0.00	29.56 1.93 0.00	32.92 2.10 0.00	33.80 2.50 0.00	32.81 2.20 0.00	34.56 2.29 0.00	33.37 2.01 0.00	33.64 1.78 0.00	33.22 1.82 0.00	32.18 1.68 0.00	32.82 1.71 0.00	37.01 1.73 0.00	44.41 2.19 0.00	47.52 2.56 0.00	46.73 3.22 0.00	45.26 3.43 0.00	40.79 3.05 0.00	33.99 2.60 0.00	29.69 2.17 0.00
E_CANADA_MHWK_HY 24050	23.07 -0.45 0.00	19.38 -0.35 0.00	19.26 -0.31 0.00	18.60 -0.28 0.00	19.28 -0.23 0.00	21.14 -0.19 0.00	27.38 -0.25 0.00	30.64 -0.18 0.00	31.11 -0.19 0.00	30.45 -0.15 0.00	32.11 -0.16 0.00	31.18 -0.19 0.00	31.67 -0.19 0.00	31.14 -0.25 0.00	30.26 -0.25 0.00	30.80 -0.31 0.00	34.82 -0.46 0.00	41.71 -0.50 0.00	44.42 -0.54 0.00	43.07 -0.44 0.00	41.49 -0.34 0.00	37.47 -0.26 0.00	31.17 -0.22 0.00	27.35 -0.16 0.00
E_FISHKILL___LBMP 23776	24.81 1.29 0.00	20.90 1.16 0.00	20.65 1.08 0.00	19.93 1.04 0.00	20.62 1.11 0.00	22.42 1.09 0.00	28.74 1.11 0.00	32.21 1.39 0.00	32.77 1.47 0.00	32.26 1.65 0.00	34.02 1.74 0.00	33.15 1.79 0.00	33.67 1.82 0.00	33.31 1.92 0.00	32.61 2.10 0.00	33.22 2.12 0.00	37.54 2.26 0.00	44.75 2.53 0.00	47.43 2.47 0.00	45.99 2.48 0.00	44.17 2.34 0.00	39.66 1.92 0.00	33.23 1.85 0.00	29.17 1.65 0.00
FALCON___SEABRD_CC1 323796	22.88 -0.63 0.00	19.19 -0.55 0.00	19.06 -0.51 0.00	18.42 -0.47 0.00	19.03 -0.49 0.00	20.93 -0.41 0.00	27.44 -0.19 0.00	30.85 0.03 0.00	31.48 0.19 0.00	30.76 0.15 0.00	32.56 0.29 0.00	31.59 0.22 0.00	32.02 0.16 0.00	31.46 0.06 0.00	30.38 -0.12 0.00	30.86 -0.25 0.00	35.00 -0.28 0.00	41.88 -0.34 0.00	44.82 -0.13 0.00	43.07 -0.44 0.00	41.41 -0.42 0.00	37.35 -0.38 0.00	30.79 -0.60 0.00	26.77 -0.74 0.00
FALCON___SEABRD_CC2 323797	22.88 -0.63 0.00	19.19 -0.55 0.00	19.06 -0.51 0.00	18.42 -0.47 0.00	19.03 -0.49 0.00	20.93 -0.41 0.00	27.44 -0.19 0.00	30.85 0.03 0.00	31.48 0.19 0.00	30.76 0.15 0.00	32.56 0.29 0.00	31.59 0.22 0.00	32.02 0.16 0.00	31.46 0.06 0.00	30.38 -0.12 0.00	30.86 -0.25 0.00	35.00 -0.28 0.00	41.88 -0.34 0.00	44.82 -0.13 0.00	43.07 -0.44 0.00	41.41 -0.42 0.00	37.35 -0.38 0.00	30.79 -0.60 0.00	26.77 -0.74 0.00

FAR ROCKAWAY___4 23548	25.67 2.14 -0.01	24.29 1.88 -2.68	21.37 1.78 -0.02	20.63 1.72 -0.02	21.34 1.81 -0.02	23.18 1.83 -0.01	29.74 2.10 -0.01	33.33 2.50 -0.01	33.93 2.63 -0.01	33.40 2.78 -0.01	37.19 2.87 -2.04	36.50 2.89 -2.25	37.19 2.90 -2.44	37.31 2.98 -2.93	37.71 3.14 -4.07	38.44 3.17 -4.16	38.75 3.46 -0.01	46.45 4.22 -0.01	49.24 4.27 -0.01	47.74 4.22 -0.01	45.71 3.89 0.00	40.90 3.17 0.00	58.99 3.01 -24.59	33.20 2.67 -3.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.09 1.58 0.00	21.16 1.42 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.86 1.35 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.64 1.82 0.00	33.36 2.07 0.00	32.87 2.26 0.00	34.69 2.42 0.00	33.81 2.45 0.00	34.37 2.52 0.00	33.97 2.57 0.00	33.34 2.84 0.00	33.97 2.86 0.00	38.35 3.07 0.00	45.68 3.46 0.00	48.37 3.42 0.00	46.81 3.31 0.00	44.96 3.14 0.00	40.33 2.60 0.00	33.83 2.45 0.00	29.63 2.12 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.12 1.60 0.00	21.16 1.42 0.00	20.88 1.31 0.00	20.13 1.25 0.00	20.86 1.35 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.67 1.85 0.00	33.36 2.07 0.00	32.87 2.26 0.00	34.69 2.42 0.00	33.81 2.45 0.00	34.37 2.52 0.00	33.97 2.57 0.00	33.37 2.87 0.00	33.97 2.86 0.00	38.39 3.11 0.00	45.72 3.50 0.00	48.37 3.42 0.00	46.81 3.31 0.00	44.96 3.14 0.00	40.37 2.64 0.00	33.86 2.48 0.00	29.63 2.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.09 1.58 0.00	21.16 1.42 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.09 1.46 0.00	32.64 1.82 0.00	33.33 2.03 0.00	32.87 2.26 0.00	34.66 2.39 0.00	33.81 2.45 0.00	34.34 2.48 0.00	33.97 2.57 0.00	33.34 2.84 0.00	33.97 2.86 0.00	38.35 3.07 0.00	45.68 3.46 0.00	48.33 3.37 0.00	46.77 3.26 0.00	44.92 3.10 0.00	40.33 2.60 0.00	33.83 2.45 0.00	29.63 2.12 0.00
FARRAGUT___LBMP 323566	25.07 1.55 0.00	21.14 1.40 0.00	20.86 1.29 0.00	20.12 1.23 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.84 2.23 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.63 3.42 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.30 2.57 0.00	33.80 2.42 0.00	29.61 2.09 0.00
FENNER___WINDPWR 24204	24.03 0.52 0.00	20.15 0.42 0.00	19.96 0.39 0.00	19.25 0.36 0.00	19.88 0.37 0.00	21.78 0.45 0.00	28.15 0.52 0.00	31.37 0.56 0.00	31.83 0.53 0.00	31.03 0.43 0.00	32.60 0.32 0.00	31.65 0.28 0.00	32.14 0.29 0.00	31.71 0.31 0.00	30.75 0.24 0.00	31.42 0.31 0.00	35.60 0.32 0.00	42.76 0.55 0.00	45.77 0.81 0.00	44.42 0.92 0.00	42.91 1.09 0.00	38.60 0.87 0.00	32.04 0.66 0.00	28.07 0.55 0.00
FIBERTEK___ENERGY 23856	23.64 0.12 0.00	19.82 0.08 0.00	19.61 0.04 0.00	18.91 0.02 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.60 -0.03 0.00	30.60 -0.22 0.00	31.08 -0.22 0.00	30.24 -0.37 0.00	31.79 -0.48 0.00	30.89 -0.47 0.00	31.38 -0.48 0.00	30.96 -0.44 0.00	29.99 -0.52 0.00	30.64 -0.47 0.00	34.68 -0.60 0.00	41.83 -0.38 0.00	44.60 -0.36 0.00	43.25 -0.26 0.00	41.78 -0.04 0.00	37.58 -0.15 0.00	31.29 -0.09 0.00	27.49 -0.03 0.00
FITZPATRICK___ 23598	23.07 -0.45 0.00	19.32 -0.42 0.00	19.14 -0.43 0.00	18.47 -0.42 0.00	19.06 -0.45 0.00	20.84 -0.49 0.00	26.94 -0.69 0.00	29.80 -1.02 0.00	30.23 -1.06 0.00	29.53 -1.07 0.00	31.11 -1.16 0.00	30.21 -1.16 0.00	30.68 -1.18 0.00	30.27 -1.13 0.00	29.38 -1.13 0.00	29.99 -1.12 0.00	33.98 -1.30 0.00	40.74 -1.48 0.00	43.43 -1.53 0.00	42.03 -1.48 0.00	40.57 -1.25 0.00	36.56 -1.17 0.00	30.47 -0.91 0.00	26.80 -0.72 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.05 1.53 0.00	21.06 1.32 0.00	20.80 1.23 0.00	20.08 1.19 0.00	20.78 1.27 0.00	22.63 1.30 0.00	28.96 1.33 0.00	32.36 1.54 0.00	32.98 1.69 0.00	32.41 1.81 0.00	34.21 1.94 0.00	33.40 2.04 0.00	33.93 2.07 0.00	33.53 2.13 0.00	32.88 2.38 0.00	33.47 2.36 0.00	37.86 2.58 0.00	45.30 3.08 0.00	48.06 3.10 0.00	46.60 3.09 0.00	44.79 2.97 0.00	40.15 2.41 0.00	33.61 2.23 0.00	29.44 1.93 0.00
FORT ORANGE___ 23900	24.41 0.89 0.00	20.55 0.81 0.00	20.35 0.78 0.00	19.62 0.74 0.00	20.25 0.74 0.00	22.10 0.77 0.00	28.27 0.64 0.00	31.62 0.80 0.00	24.06 0.56 7.80	19.44 0.77 11.93	23.33 0.74 9.68	32.09 0.72 0.00	32.56 0.70 0.00	32.18 0.79 0.00	31.39 0.89 0.00	32.01 0.90 0.00	36.17 0.88 0.00	43.06 0.84 0.00	45.77 0.81 0.00	44.55 1.04 0.00	42.83 1.00 0.00	38.60 0.87 0.00	32.29 0.91 0.00	28.62 1.10 0.00
FORT_DRUM_COGEN 23780	23.99 0.47 0.00	20.13 0.39 0.00	19.90 0.33 0.00	19.19 0.30 0.00	19.86 0.35 0.00	21.87 0.53 0.00	28.46 0.83 0.00	31.77 0.96 0.00	32.05 0.75 0.00	31.00 0.40 0.00	32.40 0.13 0.00	31.43 0.06 0.00	31.79 -0.06 0.00	31.36 -0.03 0.00	30.32 -0.18 0.00	30.98 -0.12 0.00	35.21 -0.07 0.00	42.47 0.25 0.00	46.17 1.21 0.00	44.94 1.44 0.00	43.54 1.71 0.00	38.94 1.21 0.00	32.17 0.78 0.00	28.04 0.52 0.00
FOX_HILLS___ESR 323835	25.38 1.86 -0.01	21.40 1.66 -0.01	21.12 1.55 -0.01	20.37 1.47 -0.01	21.10 1.58 -0.01	22.83 1.49 0.00	29.34 1.71 0.00	32.95 2.13 -0.01	33.65 2.35 -0.01	33.15 2.54 -0.01	34.99 2.71 -0.01	34.13 2.76 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.57 3.05 -0.01	34.19 3.05 -0.04	38.53 3.21 -0.04	45.96 3.71 -0.04	48.50 3.51 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.56 2.83 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01
FPL_FAR_ROCK_GT1 24212	25.67 2.14 -0.01	24.29 1.88 -2.68	21.37 1.78 -0.02	20.63 1.72 -0.02	21.34 1.81 -0.02	23.18 1.83 -0.01	29.71 2.07 -0.01	33.30 2.47 -0.01	33.94 2.63 -0.01	33.40 2.78 -0.01	37.19 2.87 -2.04	36.50 2.88 -2.25	37.19 2.90 -2.44	37.31 2.98 -2.93	37.71 3.14 -4.07	38.44 3.17 -4.16	38.76 3.46 -0.01	46.45 4.22 -0.01	49.24 4.27 -0.01	47.74 4.22 -0.01	45.72 3.89 0.00	40.71 2.98 0.00	58.96 2.98 -24.59	33.20 2.67 -3.02
FPL_FAR_ROCK_GT2 23815	25.67 2.14 -0.01	24.29 1.88 -2.68	21.37 1.78 -0.02	20.63 1.72 -0.02	21.34 1.81 -0.02	23.18 1.83 -0.01	29.71 2.07 -0.01	33.30 2.47 -0.01	33.94 2.63 -0.01	33.40 2.78 -0.01	37.19 2.87 -2.04	36.50 2.88 -2.25	37.19 2.90 -2.44	37.31 2.98 -2.93	37.71 3.14 -4.07	38.44 3.17 -4.16	38.76 3.46 -0.01	46.45 4.22 -0.01	49.24 4.27 -0.01	47.74 4.22 -0.01	45.72 3.89 0.00	40.71 2.98 0.00	58.96 2.98 -24.59	33.20 2.67 -3.02
FRANKLIN_FALL_HYD 24054	22.98 -0.54 0.00	19.25 -0.49 0.00	19.14 -0.43 0.00	18.49 -0.40 0.00	19.10 -0.41 0.00	21.03 -0.30 0.00	27.55 -0.08 0.00	31.00 0.18 0.00	31.61 0.31 0.00	30.88 0.28 0.00	32.69 0.42 0.00	31.71 0.35 0.00	32.17 0.32 0.00	31.62 0.22 0.00	30.53 0.03 0.00	31.01 -0.09 0.00	35.21 -0.07 0.00	42.09 -0.13 0.00	45.14 0.18 0.00	43.42 -0.09 0.00	41.83 0.00 0.00	37.73 0.00 0.00	31.01 -0.38 0.00	26.91 -0.61 0.00

FREEPORT_EQUS_GT1 23764	25.50 1.98 -0.01	23.80 1.74 -2.33	21.25 1.64 -0.03	20.51 1.59 -0.03	21.21 1.68 -0.02	23.05 1.71 -0.01	29.49 1.85 -0.01	33.05 2.22 -0.01	33.65 2.35 -0.01	33.12 2.51 -0.01	36.63 2.58 -1.78	35.96 2.64 -1.96	36.62 2.64 -2.12	36.68 2.73 -2.55	36.97 2.93 -3.54	37.65 2.92 -3.62	38.43 3.14 -0.01	46.03 3.80 -0.01	48.79 3.82 -0.01	47.26 3.74 -0.01	45.26 3.43 0.00	40.33 2.60 0.00	43.50 2.70 -9.41	32.59 2.45 -2.63
FREEPORT___CT2 23818	25.50 1.98 -0.01	23.80 1.74 -2.33	21.25 1.64 -0.03	20.51 1.59 -0.03	21.21 1.68 -0.02	23.05 1.71 -0.01	29.49 1.85 -0.01	33.05 2.22 -0.01	33.65 2.35 -0.01	33.12 2.51 -0.01	36.63 2.58 -1.78	35.96 2.64 -1.96	36.62 2.64 -2.12	36.68 2.73 -2.55	36.97 2.93 -3.54	37.65 2.92 -3.62	38.43 3.14 -0.01	46.03 3.80 -0.01	48.79 3.82 -0.01	47.26 3.74 -0.01	45.26 3.43 0.00	40.33 2.60 0.00	43.50 2.70 -9.41	32.59 2.45 -2.63
FRESHKLS_33_KV_LOAD 356253	25.43 1.90 -0.01	21.46 1.72 -0.01	21.16 1.59 -0.01	20.43 1.53 -0.01	21.16 1.64 -0.01	22.89 1.56 0.00	29.43 1.80 0.00	33.05 2.22 -0.01	33.74 2.44 -0.01	33.21 2.60 -0.01	35.06 2.78 -0.01	34.16 2.79 -0.01	34.67 2.80 -0.01	34.29 2.89 -0.01	33.60 3.08 -0.01	34.19 3.05 -0.04	38.50 3.18 -0.04	45.96 3.71 -0.04	48.50 3.51 -0.04	47.12 3.61 0.00	45.31 3.47 -0.01	40.60 2.87 0.00	34.18 2.79 -0.01	29.97 2.45 -0.01
FULTON COGEN____ 23766	23.28 -0.24 0.00	19.52 -0.22 0.00	19.32 -0.25 0.00	18.64 -0.25 0.00	19.24 -0.27 0.00	21.03 -0.30 0.00	27.22 -0.41 0.00	30.14 -0.68 0.00	30.57 -0.72 0.00	29.87 -0.73 0.00	31.43 -0.84 0.00	30.52 -0.85 0.00	31.03 -0.83 0.00	30.58 -0.82 0.00	29.65 -0.85 0.00	30.30 -0.81 0.00	34.30 -0.99 0.00	41.16 -1.06 0.00	43.92 -1.03 0.00	42.55 -0.96 0.00	41.11 -0.71 0.00	36.98 -0.75 0.00	30.79 -0.60 0.00	27.07 -0.44 0.00
FULTON___LFGE 323630	25.28 1.76 0.00	21.20 1.46 0.00	20.96 1.39 0.00	20.19 1.30 0.00	20.88 1.37 0.00	22.95 1.62 0.00	29.51 1.88 0.00	32.88 2.07 0.00	33.61 2.32 0.00	32.65 2.05 0.00	34.40 2.13 0.00	33.28 1.91 0.00	33.57 1.72 0.00	33.15 1.76 0.00	32.21 1.71 0.00	32.88 1.77 0.00	37.12 1.83 0.00	44.49 2.28 0.00	47.56 2.61 0.00	46.73 3.22 0.00	45.21 3.39 0.00	40.64 2.91 0.00	33.89 2.51 0.00	29.63 2.12 0.00
G.F.CEMENT___DRP 24184	25.26 1.74 0.00	21.20 1.46 0.00	20.94 1.37 0.00	20.15 1.27 0.00	20.82 1.31 0.00	22.87 1.54 0.00	29.37 1.74 0.00	32.85 2.03 0.00	38.70 2.16 -5.25	40.68 2.05 -8.03	40.98 2.19 -6.51	33.56 2.20 0.00	33.99 2.13 0.00	33.59 2.20 0.00	32.67 2.17 0.00	33.35 2.24 0.00	37.44 2.15 0.00	44.75 2.53 0.00	47.56 2.61 0.00	46.42 2.92 0.00	44.71 2.89 0.00	40.41 2.68 0.00	33.74 2.35 0.00	29.66 2.15 0.00
GARDENVILLE___LBMP 24039	23.28 -0.24 0.00	19.13 -0.61 0.00	18.89 -0.68 0.00	18.26 -0.62 0.00	18.77 -0.74 0.00	20.52 -0.81 0.00	26.19 -1.44 0.00	29.22 -1.60 0.00	29.73 -1.56 0.00	28.80 -1.81 0.00	29.82 -2.45 0.00	27.78 -2.38 1.20	27.61 -2.33 1.92	23.74 -2.23 5.42	22.15 -2.59 5.76	23.35 -2.52 5.23	21.14 -2.93 11.22	25.80 -3.21 13.21	36.36 -3.42 5.18	40.51 -3.00 0.00	39.73 -2.09 0.00	35.51 -2.23 0.00	30.38 -1.00 0.00	26.63 -0.88 0.00
GARDNVLA_35_KV_LD 355827	23.38 -0.14 0.00	19.19 -0.55 0.00	18.94 -0.63 0.00	18.32 -0.57 0.00	18.81 -0.70 0.00	20.56 -0.77 0.00	26.28 -1.35 0.00	29.34 -1.48 0.00	29.89 -1.41 0.00	28.92 -1.68 0.00	29.98 -2.29 0.56	28.52 -2.29 0.89	28.74 -2.23 2.52	26.74 -2.13 2.68	25.35 -2.47 2.68	26.28 -2.40 2.44	27.27 -2.79 5.23	33.07 -3.04 6.10	39.27 -3.28 2.41	40.77 -2.74 0.00	39.94 -1.88 0.00	35.69 -2.04 0.00	30.54 -0.85 0.00	26.77 -0.74 0.00
GELCKHM___115KV_LOAD 80723	23.56 0.05 0.00	19.76 0.02 0.00	19.55 -0.02 0.00	18.85 -0.04 0.00	19.45 -0.06 0.00	21.27 -0.06 0.00	27.49 -0.14 0.00	30.51 -0.31 0.00	30.95 -0.34 0.00	30.21 -0.40 0.00	31.76 -0.52 0.00	30.83 -0.53 0.00	31.35 -0.51 0.00	30.92 -0.47 0.00	29.96 -0.55 0.00	30.61 -0.50 0.00	34.65 -0.64 0.00	41.71 -0.51 0.00	44.46 -0.49 0.00	43.12 -0.39 0.00	41.62 -0.21 0.00	37.43 -0.30 0.00	31.19 -0.19 0.00	27.41 -0.11 0.00
GENERAL___MILLS 23808	23.35 -0.16 0.00	19.17 -0.57 0.00	18.92 -0.65 0.00	18.28 -0.60 0.00	18.79 -0.72 0.00	20.54 -0.79 0.00	26.22 -1.41 0.00	29.28 -1.54 0.00	29.82 -1.47 0.00	28.89 -1.71 0.00	29.92 -2.36 0.59	28.45 -2.32 0.94	28.62 -2.29 2.67	26.56 -2.17 2.83	25.14 -2.53 2.57	26.11 -2.43 2.57	26.94 -2.82 5.52	32.63 -3.12 6.46	39.08 -3.33 2.55	40.64 -2.87 0.00	39.86 -1.97 0.00	35.58 -2.15 0.00	30.47 -0.91 0.00	26.72 -0.80 0.00
GE_PLASTICS___DRP 24183	24.27 0.75 0.00	20.41 0.67 0.00	20.24 0.67 0.00	19.53 0.64 0.00	20.16 0.64 0.00	21.95 0.62 0.00	28.16 0.52 0.00	31.47 0.65 0.00	26.84 0.53 4.98	23.68 0.70 7.62	26.76 0.68 6.19	32.06 0.69 0.00	32.52 0.67 0.00	32.15 0.75 0.00	31.36 0.85 0.00	31.95 0.84 0.00	36.13 0.85 0.00	43.02 0.80 0.00	45.72 0.76 0.00	44.42 0.91 0.00	42.70 0.88 0.00	38.49 0.75 0.00	32.20 0.82 0.00	28.42 0.91 0.00
GILBOA___1 23756	24.22 0.70 0.00	20.37 0.63 0.00	20.31 0.74 0.00	19.60 0.72 0.00	20.25 0.74 0.00	21.91 0.58 0.00	28.13 0.50 0.00	31.47 0.65 0.00	31.95 0.66 0.00	31.37 0.77 0.00	33.05 0.77 0.00	32.15 0.78 0.00	32.65 0.80 0.00	32.24 0.85 0.00	31.42 0.91 0.00	32.04 0.93 0.00	36.20 0.92 0.00	43.19 0.97 0.00	45.85 0.90 0.00	44.51 1.00 0.00	42.83 1.00 0.00	38.60 0.87 0.00	32.26 0.88 0.00	28.42 0.91 0.00
GILBOA___2 23757	24.22 0.70 0.00	20.37 0.63 0.00	20.31 0.74 0.00	19.60 0.72 0.00	20.25 0.74 0.00	21.91 0.58 0.00	28.13 0.50 0.00	31.47 0.65 0.00	31.95 0.66 0.00	31.37 0.77 0.00	33.05 0.77 0.00	32.15 0.78 0.00	32.65 0.80 0.00	32.24 0.85 0.00	31.42 0.91 0.00	32.04 0.93 0.00	36.20 0.92 0.00	43.19 0.97 0.00	45.85 0.90 0.00	44.51 1.00 0.00	42.83 1.00 0.00	38.60 0.87 0.00	32.26 0.88 0.00	28.42 0.91 0.00
GILBOA___3 23758	24.22 0.70 0.00	20.37 0.63 0.00	20.31 0.74 0.00	19.60 0.72 0.00	20.25 0.74 0.00	21.91 0.58 0.00	28.13 0.50 0.00	31.47 0.65 0.00	31.95 0.66 0.00	31.37 0.77 0.00	33.05 0.77 0.00	32.15 0.78 0.00	32.65 0.80 0.00	32.24 0.85 0.00	31.42 0.91 0.00	32.04 0.93 0.00	36.20 0.92 0.00	43.19 0.97 0.00	45.85 0.90 0.00	44.51 1.00 0.00	42.83 1.00 0.00	38.60 0.87 0.00	32.26 0.88 0.00	28.42 0.91 0.00
GILBOA___4 23759	24.22 0.70 0.00	20.37 0.63 0.00	20.31 0.74 0.00	19.60 0.72 0.00	20.25 0.74 0.00	21.91 0.58 0.00	28.13 0.50 0.00	31.47 0.65 0.00	31.95 0.66 0.00	31.37 0.77 0.00	33.05 0.77 0.00	32.15 0.78 0.00	32.65 0.80 0.00	32.24 0.85 0.00	31.42 0.91 0.00	32.04 0.93 0.00	36.20 0.92 0.00	43.19 0.97 0.00	45.85 0.90 0.00	44.51 1.00 0.00	42.83 1.00 0.00	38.60 0.87 0.00	32.26 0.88 0.00	28.42 0.91 0.00

GILBOA____ 23599	24.22 0.71 0.00	20.37 0.63 0.00	20.31 0.74 0.00	19.61 0.72 0.00	20.25 0.74 0.00	21.91 0.58 0.00	28.16 0.52 0.00	31.47 0.65 0.00	31.95 0.66 0.00	31.37 0.77 0.00	33.05 0.77 0.00	32.15 0.78 0.00	32.65 0.80 0.00	32.24 0.85 0.00	31.42 0.92 0.00	32.04 0.93 0.00	36.24 0.95 0.00	43.19 0.97 0.00	45.86 0.90 0.00	44.51 1.00 0.00	42.83 1.00 0.00	38.60 0.87 0.00	32.29 0.91 0.00	28.42 0.91 0.00
GINNA____ 23603	22.46 -1.06 0.00	18.67 -1.07 0.00	18.48 -1.10 0.00	17.83 -1.06 0.00	18.36 -1.15 0.00	20.05 -1.28 0.00	25.83 -1.80 0.00	28.69 -2.13 0.00	29.14 -2.16 0.00	28.31 -2.30 0.00	29.76 -2.52 0.00	28.79 -2.57 0.00	29.40 -2.45 0.00	28.98 -2.42 0.00	27.97 -2.53 0.00	28.74 -2.37 0.00	32.43 -2.86 0.00	39.13 -3.08 0.00	41.72 -3.24 0.00	40.33 -3.17 0.00	39.44 -2.38 0.00	35.43 -2.30 0.00	29.69 -1.70 0.00	26.00 -1.51 0.00
GLEN PARK____ 23778	24.13 0.61 0.00	20.23 0.49 0.00	20.00 0.43 0.00	19.26 0.38 0.00	19.96 0.45 0.00	21.97 0.64 0.00	28.60 0.97 0.00	31.90 1.08 0.00	32.17 0.88 0.00	31.09 0.49 0.00	32.53 0.26 0.00	31.52 0.16 0.00	31.89 0.03 0.00	31.49 0.09 0.00	30.41 -0.09 0.00	31.08 -0.03 0.00	35.32 0.04 0.00	42.64 0.42 0.00	46.39 1.44 0.00	45.16 1.65 0.00	43.83 2.01 0.00	39.24 1.51 0.00	32.36 0.97 0.00	28.17 0.66 0.00
GLENDALE_27_KV_LOAD 356172	25.28 1.76 0.00	21.33 1.58 -0.01	21.02 1.45 0.00	20.27 1.38 0.00	21.00 1.48 0.00	22.74 1.41 0.00	29.23 1.60 0.00	32.85 2.03 0.00	33.55 2.25 0.00	33.08 2.48 0.00	34.89 2.61 0.00	34.03 2.67 0.00	34.56 2.71 0.00	34.19 2.79 0.00	33.55 3.05 0.00	34.19 3.08 0.00	38.60 3.32 0.00	45.93 3.71 0.00	48.60 3.64 0.00	47.03 3.52 0.00	45.17 3.35 0.00	40.56 2.83 0.00	34.08 2.70 0.00	29.85 2.34 0.00
GLENWOOD_IC_1_G5 23712	25.34 1.81 -0.01	23.95 1.60 -2.61	21.09 1.49 -0.03	20.36 1.44 -0.03	21.06 1.52 -0.02	22.86 1.51 -0.01	29.35 1.71 -0.01	32.90 2.06 -0.01	33.53 2.22 -0.01	33.03 2.42 -0.01	36.82 2.55 -1.99	36.14 2.57 -2.20	36.85 2.61 -2.38	36.93 2.67 -2.86	37.37 2.90 -3.97	38.06 2.89 -4.06	38.44 3.14 -0.01	45.60 3.38 -0.01	48.29 3.33 -0.01	46.78 3.26 -0.01	44.88 3.05 0.00	40.45 2.72 0.00	42.12 2.60 -8.13	32.75 2.28 -2.95
GLENWOOD_IC_2_G1 23688	25.16 1.65 0.00	21.20 1.46 0.00	20.92 1.35 0.00	20.19 1.30 0.00	20.90 1.39 0.00	22.72 1.39 0.00	29.12 1.49 0.00	32.67 1.85 0.00	33.33 2.03 0.00	32.81 2.20 0.00	34.60 2.32 0.00	33.75 2.38 0.00	34.27 2.42 0.00	33.88 2.48 0.00	33.22 2.71 0.00	33.81 2.70 0.00	38.18 2.89 0.00	45.55 3.33 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.11 2.38 0.00	33.74 2.35 0.00	29.63 2.12 0.00
GLENWOOD_IC_3_G1 23689	25.16 1.65 0.00	21.20 1.46 0.00	20.92 1.35 0.00	20.19 1.30 0.00	20.90 1.39 0.00	22.72 1.39 0.00	29.12 1.49 0.00	32.67 1.85 0.00	33.33 2.03 0.00	32.81 2.20 0.00	34.60 2.32 0.00	33.75 2.38 0.00	34.27 2.42 0.00	33.88 2.48 0.00	33.22 2.71 0.00	33.81 2.70 0.00	38.18 2.89 0.00	45.55 3.33 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.11 2.38 0.00	33.74 2.35 0.00	29.63 2.12 0.00
GLENWOOD____4 23550	25.34 1.81 -0.01	23.95 1.60 -2.61	21.09 1.49 -0.03	20.36 1.44 -0.03	21.06 1.52 -0.02	22.86 1.51 -0.01	29.35 1.71 -0.01	32.90 2.06 -0.01	33.53 2.22 -0.01	33.03 2.42 -0.01	36.82 2.55 -1.99	36.14 2.57 -2.20	36.85 2.61 -2.38	36.93 2.67 -2.86	37.37 2.90 -3.97	38.06 2.89 -4.06	38.44 3.14 -0.01	45.69 3.46 -0.01	48.43 3.46 -0.01	46.91 3.39 -0.01	44.96 3.14 0.00	40.45 2.72 0.00	42.12 2.60 -8.13	32.75 2.28 -2.95
GLENWOOD____5 23614	25.34 1.81 -0.01	23.95 1.60 -2.61	21.09 1.49 -0.03	20.36 1.44 -0.03	21.06 1.52 -0.02	22.86 1.51 -0.01	29.35 1.71 -0.01	32.90 2.06 -0.01	33.53 2.22 -0.01	33.03 2.42 -0.01	36.82 2.55 -1.99	36.14 2.57 -2.20	36.85 2.61 -2.38	36.93 2.67 -2.86	37.37 2.90 -3.97	38.06 2.89 -4.06	38.44 3.14 -0.01	45.69 3.46 -0.01	48.43 3.46 -0.01	46.91 3.39 -0.01	44.96 3.14 0.00	40.45 2.72 0.00	42.12 2.60 -8.13	32.75 2.28 -2.95
GLOBAL GREEN_PORT_GT1 23814	26.37 2.84 -0.01	24.40 2.61 -2.06	23.59 2.51 -1.51	22.79 2.44 -1.46	22.77 2.56 -0.70	23.96 2.62 -0.01	30.35 2.71 -0.01	34.28 3.45 -0.01	35.06 3.75 -0.01	34.31 3.70 -0.01	37.66 3.87 -1.52	36.71 3.67 -1.67	37.27 3.60 -1.81	37.03 3.45 -2.18	37.09 3.57 -3.02	37.74 3.54 -3.09	38.89 3.60 -0.01	46.60 4.31 -0.08	49.35 4.32 -0.08	47.74 4.22 -0.01	45.51 3.68 0.00	40.37 2.64 0.00	36.12 2.73 -2.00	32.43 2.67 -2.24
GLOBE____DSASP 323697	22.62 -0.89 0.00	18.51 -1.22 0.00	18.28 -1.29 0.00	17.81 -1.08 0.00	18.15 -1.37 0.00	19.92 -1.41 0.00	25.29 -2.32 0.02	28.15 -2.65 0.02	28.65 -2.63 0.02	27.74 -2.85 0.02	28.73 -3.52 0.02	28.10 -2.79 0.48	28.46 -2.64 0.76	26.72 -2.51 2.17	25.39 -2.81 2.30	26.34 -2.68 2.09	27.67 -3.11 4.51	33.70 -3.38 5.14	39.24 -3.64 2.07	39.01 -4.48 0.02	38.21 -3.60 0.02	34.13 -3.58 0.02	29.29 -2.07 0.02	25.79 -1.71 0.02
GOETHSLN____LBMP 323567	24.95 1.43 0.00	21.04 1.30 0.00	20.76 1.19 0.00	20.02 1.13 0.00	20.74 1.23 0.00	22.48 1.15 0.00	28.90 1.27 0.00	32.45 1.63 0.00	33.14 1.85 0.00	32.68 2.08 0.00	34.47 2.19 0.00	33.62 2.26 0.00	34.18 2.33 0.00	33.81 2.42 0.00	33.19 2.68 0.00	33.81 2.71 0.00	38.21 2.93 0.00	45.47 3.25 0.00	48.15 3.19 0.00	46.55 3.05 0.00	44.71 2.89 0.00	40.15 2.41 0.00	33.67 2.29 0.00	29.47 1.95 0.00
GOLAH____69_KV_TB 1_2 80279	23.59 0.07 0.00	19.54 -0.20 0.00	19.28 -0.29 0.00	18.60 -0.28 0.00	19.14 -0.37 0.00	20.95 -0.38 0.00	26.83 -0.80 0.00	29.93 -0.89 0.00	30.42 -0.88 0.00	29.50 -1.10 0.00	30.88 -1.39 0.00	29.92 -1.44 0.00	30.58 -1.27 0.00	30.17 -1.22 0.00	29.10 -1.40 0.00	29.90 -1.21 0.00	33.70 -1.59 0.00	40.76 -1.48 -0.02	43.47 -1.48 0.00	42.03 -1.48 0.00	41.20 -0.63 0.00	36.79 -0.94 0.00	31.04 -0.35 0.00	27.32 -0.19 0.00
GOODYEAR_LAKE_HYD 323669	24.53 1.01 0.00	20.57 0.83 0.00	20.39 0.82 0.00	19.68 0.79 0.00	20.35 0.84 0.00	22.21 0.87 0.00	28.60 0.97 0.00	31.96 1.14 0.00	32.55 1.25 0.00	31.86 1.25 0.00	33.60 1.32 0.00	32.65 1.29 0.00	33.19 1.34 0.00	32.75 1.35 0.00	31.63 1.13 0.00	32.32 1.21 0.00	36.55 1.27 0.00	43.78 1.56 0.00	46.71 1.75 0.00	45.38 1.87 0.00	43.79 1.97 0.00	39.39 1.66 0.00	32.83 1.44 0.00	28.73 1.21 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.89 0.38 0.00	19.96 0.22 0.00	19.77 0.20 0.00	19.08 0.19 0.00	19.69 0.18 0.00	21.50 0.17 0.00	27.69 0.06 0.00	30.85 0.03 0.00	31.29 0.00 0.00	30.57 -0.03 0.00	32.05 -0.23 0.00	31.08 -0.28 0.00	31.57 -0.29 0.00	31.18 -0.22 0.00	30.23 -0.27 0.00	30.89 -0.22 0.00	34.93 -0.35 0.00	41.96 -0.25 0.00	44.78 -0.18 0.00	43.55 0.04 0.00	42.20 0.38 0.00	37.84 0.11 0.00	31.70 0.31 0.00	27.82 0.30 0.00

GOUDEY___7 23579	23.89 0.38 0.00	19.96 0.22 0.00	19.77 0.20 0.00	19.08 0.19 0.00	19.69 0.18 0.00	21.50 0.17 0.00	27.69 0.06 0.00	30.85 0.03 0.00	31.29 0.00 0.00	30.57 -0.03 0.00	32.05 -0.23 0.00	31.08 -0.28 0.00	31.57 -0.29 0.00	31.18 -0.22 0.00	30.23 -0.27 0.00	30.89 -0.22 0.00	34.93 -0.35 0.00	41.96 -0.25 0.00	44.78 -0.18 0.00	43.55 0.04 0.00	42.20 0.38 0.00	37.84 0.11 0.00	31.70 0.31 0.00	27.82 0.30 0.00
GOUDEY___8 23580	23.89 0.38 0.00	19.96 0.22 0.00	19.77 0.20 0.00	19.08 0.19 0.00	19.69 0.18 0.00	21.50 0.17 0.00	27.69 0.06 0.00	30.85 0.03 0.00	31.29 0.00 0.00	30.57 -0.03 0.00	32.05 -0.23 0.00	31.08 -0.28 0.00	31.57 -0.29 0.00	31.18 -0.22 0.00	30.23 -0.27 0.00	30.89 -0.22 0.00	34.93 -0.35 0.00	41.96 -0.25 0.00	44.78 -0.18 0.00	43.55 0.04 0.00	42.20 0.38 0.00	37.84 0.11 0.00	31.70 0.31 0.00	27.82 0.30 0.00
GOWANUS_GT1_1 24077	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06 1.54 -0.01	22.78 1.45 0.00	29.32 1.69 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.22 3.08 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.59 3.60 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.60 2.87 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01
GOWANUS_GT1_2 24078	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06 1.54 -0.01	22.78 1.45 0.00	29.32 1.69 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.22 3.08 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.59 3.60 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.60 2.87 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01
GOWANUS_GT1_3 24079	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06 1.54 -0.01	22.78 1.45 0.00	29.32 1.69 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.22 3.08 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.59 3.60 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.60 2.87 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01
GOWANUS_GT1_4 24080	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06 1.54 -0.01	22.78 1.45 0.00	29.32 1.69 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.22 3.08 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.59 3.60 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.60 2.87 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01
GOWANUS_GT1_5 24084	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06 1.54 -0.01	22.78 1.45 0.00	29.32 1.69 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.22 3.08 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.59 3.60 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.60 2.87 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01
GOWANUS_GT1_6 24111	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06																			

GOWANUS_GT2_6 24119	25.34 <u>1.81</u> -0.01	21.38 <u>1.64</u> -0.01	21.09 <u>1.51</u> -0.01	20.33 <u>1.43</u> -0.01	21.06 <u>1.54</u> -0.01	22.80 <u>1.47</u> 0.00	29.26 <u>1.63</u> 0.00	32.92 <u>2.10</u> -0.01	33.62 <u>2.32</u> -0.01	33.15 <u>2.54</u> -0.01	34.96 <u>2.68</u> -0.01	34.10 <u>2.73</u> -0.01	34.63 <u>2.77</u> -0.01	34.26 <u>2.86</u> -0.01	33.60 <u>3.08</u> -0.01	34.25 <u>3.11</u> -0.04	38.60 <u>3.28</u> -0.04	46.01 <u>3.76</u> -0.04	48.63 <u>3.64</u> -0.04	47.04 <u>3.52</u> -0.01	45.23 <u>3.39</u> -0.01	40.54 <u>2.79</u> -0.01	34.06 <u>2.67</u> -0.01	29.92 <u>2.39</u> -0.01
GOWANUS_GT2_7 24120	25.34 <u>1.81</u> -0.01	21.38 <u>1.64</u> -0.01	21.09 <u>1.51</u> -0.01	20.33 <u>1.43</u> -0.01	21.06 <u>1.54</u> -0.01	22.80 <u>1.47</u> 0.00	29.26 <u>1.63</u> 0.00	32.92 <u>2.10</u> -0.01	33.62 <u>2.32</u> -0.01	33.15 <u>2.54</u> -0.01	34.96 <u>2.68</u> -0.01	34.10 <u>2.73</u> -0.01	34.63 <u>2.77</u> -0.01	34.26 <u>2.86</u> -0.01	33.60 <u>3.08</u> -0.01	34.25 <u>3.11</u> -0.04	38.60 <u>3.28</u> -0.04	46.01 <u>3.76</u> -0.04	48.63 <u>3.64</u> -0.04	47.04 <u>3.52</u> -0.01	45.23 <u>3.39</u> -0.01	40.54 <u>2.79</u> -0.01	34.06 <u>2.67</u> -0.01	29.92 <u>2.39</u> -0.01
GOWANUS_GT2_8 24121	25.34 <u>1.81</u> -0.01	21.38 <u>1.64</u> -0.01	21.09 <u>1.51</u> -0.01	20.33 <u>1.43</u> -0.01	21.06 <u>1.54</u> -0.01	22.80 <u>1.47</u> 0.00	29.26 <u>1.63</u> 0.00	32.92 <u>2.10</u> -0.01	33.62 <u>2.32</u> -0.01	33.15 <u>2.54</u> -0.01	34.96 <u>2.68</u> -0.01	34.10 <u>2.73</u> -0.01	34.63 <u>2.77</u> -0.01	34.26 <u>2.86</u> -0.01	33.60 <u>3.08</u> -0.01	34.25 <u>3.11</u> -0.04	38.60 <u>3.28</u> -0.04	46.01 <u>3.76</u> -0.04	48.63 <u>3.64</u> -0.04	47.04 <u>3.52</u> -0.01	45.23 <u>3.39</u> -0.01	40.54 <u>2.79</u> -0.01	34.06 <u>2.67</u> -0.01	29.92 <u>2.39</u> -0.01
GOWANUS_GT3_1 24122	25.34 <u>1.81</u> -0.01	21.38 <u>1.64</u> -0.01	21.09 <u>1.51</u> -0.01	20.33 <u>1.43</u> -0.01	21.06 <u>1.54</u> -0.01	22.80 <u>1.47</u> 0.00	29.26 <u>1.63</u> 0.00	32.92 <u>2.10</u> -0.01	33.62 <u>2.32</u> -0.01	33.15 <u>2.54</u> -0.01	34.96 <u>2.68</u> -0.01	34.10 <u>2.73</u> -0.01	34.63 <u>2.77</u> -0.01	34.26 <u>2.86</u> -0.01	33.60 <u>3.08</u> -0.01	34.25 <u>3.11</u> -0.04	38.60 <u>3.28</u> -0.04	46.01 <u>3.76</u> -0.04	48.63 <u>3.64</u> -0.04	47.04 <u>3.52</u> -0.01	45.23 <u>3.39</u> -0.01	40.54 <u>2.79</u> -0.01	34.06 <u>2.67</u> -0.01	29.92 <u>2.39</u> -0.01
GOWANUS_GT3_2 24123	25.34 <u>1.81</u> -0.01	21.38 <u>1.64</u> -0.01	21.09 <u>1.51</u> -0.01	20.33 <u>1.43</u> -0.01	21.06 <u>1.54</u> -0.01	22.80 <u>1.47</u> 0.00	29.26 <u>1.63</u> 0.00	32.92 <u>2.10</u> -0.01	33.62 <u>2.32</u> -0.01	33.15 <u>2.54</u> -0.01	34.96 <u>2.68</u> -0.01	34.10 <u>2.73</u> -0.01	34.63 <u>2.77</u> -0.01	34.26 <u>2.86</u> -0.01	33.60 <u>3.08</u> -0.01	34.25 <u>3.11</u> -0.04	38.60 <u>3.28</u> -0.04	46.01 <u>3.76</u> -0.04	48.63 <u>3.64</u> -0.04	47.04 <u>3.52</u> -0.01	45.23 <u>3.39</u> -0.01	40.54 <u>2.79</u> -0.01	34.06 <u>2.67</u> -0.01	29.92 <u>2.39</u> -0.01
GOWANUS_GT3_3 24124	25.34 <u>1.81</u> -0.01	21.38 <u>1.64</u> -0.01	21.09 <u>1.51</u> -0.01	20.33 <u>1.43</u> -0.01	21.06 <u>1.54</u> -0.01	22.80 <u>1.47</u> 0.00	29.26 <u>1.63</u> 0.00	32.92 <u>2.10</u> -0.01	33.62 <u>2.32</u> -0.01	33.15 <u>2.54</u> -0.01	34.96 <u>2.68</u> -0.01	34.10 <u>2.73</u> -0.01	34.63 <u>2.77</u> -0.01	34.26 <u>2.86</u> -0.01	33.60 <u>3.08</u> -0.01	34.25 <u>3.11</u> -0.04	38.60 <u>3.28</u> -0.04	46.01 <u>3.76</u> -0.04	48.63 <u>3.64</u> -0.04	47.04 <u>3.52</u> -0.01	45.23 <u>3.39</u> -0.01	40.54 <u>2.79</u> -0		

GOWANUS_GT4_5 24134	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06 1.54 -0.01	22.78 1.45 0.00	29.32 1.69 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.22 3.08 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.59 3.60 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.60 2.87 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01
GOWANUS_GT4_6 24135	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06 1.54 -0.01	22.78 1.45 0.00	29.32 1.69 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.22 3.08 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.59 3.60 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.60 2.87 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01
GOWANUS_GT4_7 24136	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06 1.54 -0.01	22.78 1.45 0.00	29.32 1.69 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.22 3.08 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.59 3.60 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.60 2.87 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01
GOWANUS_GT4_8 24137	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06 1.54 -0.01	22.78 1.45 0.00	29.32 1.69 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.22 3.08 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.59 3.60 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.60 2.87 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01
GREATVRV_69_KV_BK1 356245	25.90 2.38 -0.01	23.91 2.11 -2.06	22.49 2.00 -0.93	21.71 1.93 -0.89	21.97 2.03 -0.43	23.45 2.11 -0.01	29.96 2.32 -0.01	33.66 2.84 -0.01	34.31 3.00 -0.01	33.70 3.09 -0.01	37.07 3.26 -1.54	36.32 3.26 -1.70	36.97 3.28 -1.84	36.96 3.36 -2.21	37.07 3.51 -3.06	37.75 3.52 -3.13	39.07 3.78 -0.01	46.78 4.52 -0.05	49.59 4.59 -0.05	48.08 4.57 -0.01	46.01 4.18 0.00	41.05 3.32 0.00	37.13 3.30 -2.45	32.68 2.89 -2.27
GREENBSH_115KV_TB3 55895	24.29 0.78 0.00	20.47 0.73 0.00	20.28 0.70 0.00	19.57 0.68 0.00	20.18 0.66 0.00	21.99 0.66 0.00	28.18 0.55 0.00	31.53 0.71 8.27	23.47 0.44 12.64	18.63 0.67 10.26	22.66 0.65 0.00	31.99 0.63 0.00	32.49 0.64 0.00	32.12 0.72 0.00	31.33 0.82 0.00	31.95 0.84 0.00	36.06 0.78 0.00	42.85 0.63 0.00	45.50 0.54 0.00	44.25 0.74 0.00	42.54 0.71 0.00	38.41 0.68 0.00	32.14 0.75 0.00	28.48 0.96 0.00
GREENDGE_115KV_TB5 80291	23.80 0.28 0.00	19.84 0.10 0.00	19.61 0.04 0.00	18.94 0.06 0.00	19.51 0.00 0.00	21.37 0.04 0.00	27.55 -0.08 0.00	30.70 -0.12 0.00	31.11 -0.19 0.00	30.27 -0.34 0.00	31.59 -0.68 0.00	31.48 -0.78 -0.90	32.52 -0.76 -1.43	34.72 -0.72 -4.05	33.85 -0.95 -4.30	34.16 -0.84 -3.90	42.33 -1.31 -8.35	50.94 -1.14 -9.86	47.82 -0.99 -3.86	42.81 -0.70 0.00	42.03 0.21 0.00	37.66 -0.08 0.00	31.51 0.13 0.00	27.60 0.08 0.00
GREENIDGE___3 23582	23.80 0.28 0.00	19.84 0.10 0.00	19.61 0.04 0.00	18.94 0.06 0.00	19.51 0.00 0.00	21.37 0.04 0.00	27.55 -0.08 0.00	30.70 -0.12 0.00	31.11 -0.19 0.00	30.27 -0.34 0.00	31.59 -0.68 0.00	31.48 -0.78 -0.90	32.52 -0.76 -1.43	34.72 -0.72 -4.05	33.85 -0.95 -4.30	34.16 -0.84 -3.90	42.33 -1.31 -8.35	50.94 -1.14 -9.86	47.82 -0.99 -3.86	42.81 -0.70 0.00	42.03 0.21 0.00	37.66 -0.08 0.00	31.51 0.13 0.00	27.60 0.08 0.00
GREENIDGE___4 23583	23.82 0.30 0.00	19.84 0.10 0.00	19.61 0.04 0.00	18.94 0.06 0.00	19.51 0.00 0.00	21.37 0.04 0.00	27.63 0.00 0.00	30.70 -0.12 0.00	31.11 -0.19 0.00	30.27 -0.34 0.00	31.59 -0.68 0.00	31.48 -0.78 -0.90	32.52 -0.76 -1.43	34.72 -0.72 -4.05	33.85 -0.95 -4.30	34.17 -0.84 -3.90	42.47 -1.16 -8.35	50.94 -1.14 -9.86	47.82 -0.99 -3.86	42.81 -0.70 0.00	42.04 0.21 0.00	37.81 0.08 0.00	31.60 0.22 0.00	27.60 0.08 0.00
GREENLWN_69_KV_BK 3 55738	25.38 1.86 -0.01	23.55 1.82 -1.99	21.08 1.72 0.21	20.35 1.66 0.20	21.19 1.78 0.09	22.94 1.60 -0.01	29.41 1.77 -0.01	32.89 2.06 -0.01	33.49 2.19 -0.01	32.97 2.36 -0.01	36.26 2.45 -1.53	35.60 2.54 -1.69	36.20 2.52 -1.83	36.17 2.57 -2.20	36.33 2.78 -3.05	36.94 2.71 -3.12	38.08 2.79 -0.01	45.67 3.46 0.01	48.46 3.51 0.01	46.74 3.22 -0.01	44.71 2.89 0.00	40.00 2.26 0.00	36.23 2.57 -2.28	32.09 2.31 -2.27
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06 1.54 -0.01	22.78 1.45 0.00	29.32 1.69 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.22 3.08 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.59 3.60 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.60 2.87 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01
GRISSOM___SOLAR 323813	25.16 1.65 0.00	21.12 1.38 0.00	20.88 1.31 0.00	20.11 1.23 0.00	20.80 1.29 0.00	22.85 1.51 0.00	29.37 1.74 0.00	32.76 1.94 0.00	33.42 2.13 0.00	32.53 1.93 0.00	34.27 2.00 0.00	33.18 1.82 0.00	33.51 1.66 0.00	33.09 1.69 0.00	32.15 1.65 0.00	32.82 1.71 0.00	37.08 1.80 0.00	44.41 2.19 0.00	47.43 2.47 0.00	46.55 3.04 0.00	44.96 3.14 0.00	40.45 2.72 0.00	33.74 2.35 0.00	29.52 2.01 0.00
GROVEVILLE___HYD 323602	25.05 1.53 0.00	21.06 1.32 0.00	20.80 1.23 0.00	20.08 1.19 0.00	20.78 1.27 0.00	22.63 1.30 0.00	28.96 1.33 0.00	32.36 1.54 0.00	32.98 1.69 0.00	32.41 1.81 0.00	34.21 1.94 0.00	33.40 2.04 0.00	33.93 2.07 0.00	33.53 2.13 0.00	32.88 2.38 0.00	33.47 2.36 0.00	37.86 2.58 0.00	45.30 3.08 0.00	48.06 3.10 0.00	46.60 3.09 0.00	44.79 2.97 0.00	40.15 2.41 0.00	33.61 2.23 0.00	29.44 1.93 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.64 0.12 0.00	19.82 0.08 0.00	19.61 0.04 0.00	18.91 0.02 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.60 -0.03 0.00	30.60 -0.22 0.00	31.08 -0.22 0.00	30.24 -0.37 0.00	31.79 -0.48 0.00	30.89 -0.47 0.00	31.38 -0.48 0.00	30.96 -0.44 0.00	29.99 -0.52 0.00	30.64 -0.47 0.00	34.68 -0.60 0.00	41.83 -0.38 0.00	44.60 -0.36 0.00	43.25 -0.26 0.00	41.78 -0.04 0.00	37.58 -0.15 0.00	31.29 -0.09 0.00	27.49 -0.03 0.00
HAMLTNNY_34_KV_TB 80303	23.61 0.09 0.00	19.78 0.04 0.00	19.57 0.00 0.00	18.87 -0.02 0.00	19.47 -0.04 0.00	21.29 -0.04 0.00	27.52 -0.11 0.00	30.54 -0.28 0.00	30.98 -0.31 0.00	30.21 -0.40 0.00	31.76 -0.52 0.00	30.83 -0.53 0.00	31.35 -0.51 0.00	30.89 -0.50 0.00	29.92 -0.58 0.00	30.58 -0.53 0.00	34.61 -0.67 0.00	41.62 -0.59 0.00	44.42 -0.54 0.00	43.03 -0.48 0.00	41.66 -0.17 0.00	37.43 -0.30 0.00	31.19 -0.19 0.00	27.43 -0.08 0.00

HAMPSHIRE___PAPER_HYD 323593	23.38 -0.14 0.00	19.62 -0.12 0.00	19.43 -0.14 0.00	18.76 -0.13 0.00	19.40 -0.12 0.00	21.35 0.02 0.00	27.96 0.33 0.00	31.28 0.46 0.00	31.58 0.28 0.00	30.63 0.03 0.00	32.05 -0.22 0.00	31.05 -0.31 0.00	31.38 -0.48 0.00	30.89 -0.50 0.00	29.89 -0.61 0.00	30.51 -0.59 0.00	34.76 -0.53 0.00	41.79 -0.42 0.00	45.36 0.40 0.00	43.90 0.39 0.00	42.41 0.59 0.00	37.88 0.15 0.00	31.45 0.06 0.00	27.38 -0.14 0.00
HARDSCRABBLE_WT_PWR 323673	23.09 -0.42 0.00	19.40 -0.34 0.00	19.28 -0.29 0.00	18.64 -0.25 0.00	19.32 -0.20 0.00	21.18 -0.15 0.00	27.44 -0.19 0.00	30.70 -0.12 0.00	31.17 -0.12 0.00	30.51 -0.09 0.00	32.18 -0.10 0.00	31.27 -0.09 0.00	31.76 -0.10 0.00	31.24 -0.16 0.00	30.32 -0.18 0.00	30.89 -0.22 0.00	34.93 -0.35 0.00	41.79 -0.42 0.00	44.55 -0.41 0.00	43.16 -0.35 0.00	41.58 -0.25 0.00	37.54 -0.19 0.00	31.23 -0.16 0.00	27.41 -0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.88 1.36 0.00	20.94 1.20 0.00	20.67 1.10 0.00	19.96 1.08 0.00	20.64 1.13 0.00	22.48 1.15 0.00	28.79 1.16 0.00	32.18 1.36 0.00	32.83 1.53 0.00	32.26 1.65 0.00	34.05 1.77 0.00	33.25 1.88 0.00	33.80 1.94 0.00	33.37 1.98 0.00	32.73 2.23 0.00	33.35 2.24 0.00	37.72 2.43 0.00	45.13 2.91 0.00	47.88 2.92 0.00	46.38 2.87 0.00	44.54 2.72 0.00	39.92 2.19 0.00	33.42 2.04 0.00	29.28 1.76 0.00
HARSNRAD_115KV_TB1 81005	23.21 -0.31 0.00	19.03 -0.71 0.00	18.79 -0.78 0.00	18.11 -0.77 0.00	18.65 -0.86 0.00	20.35 -0.98 0.00	25.95 -1.69 0.00	28.91 -1.91 0.00	29.42 -1.88 0.00	28.46 -2.14 0.00	29.50 -2.78 0.00	28.35 -2.51 0.51	28.66 -2.39 0.80	26.84 -2.26 2.29	25.48 -2.59 2.44	26.44 -2.46 2.21	27.67 -2.86 4.76	33.67 -3.04 5.50	39.48 -3.28 2.19	40.07 -3.44 0.00	39.36 -2.47 0.00	35.13 -2.60 0.00	30.10 -1.29 0.00	26.44 -1.07 0.00
HARZA MOOSE___RIVER 24016	23.82 0.31 0.00	20.00 0.26 0.00	19.79 0.22 0.00	19.08 0.19 0.00	19.75 0.23 0.00	21.69 0.36 0.00	28.24 0.61 0.00	31.56 0.74 0.00	31.95 0.66 0.00	31.06 0.46 0.00	32.43 0.16 0.00	31.49 0.13 0.00	31.92 0.06 0.00	31.49 0.09 0.00	30.53 0.03 0.00	31.17 0.06 0.00	35.39 0.11 0.00	42.51 0.30 0.00	45.95 0.99 0.00	44.60 1.09 0.00	43.08 1.25 0.00	38.49 0.75 0.00	31.89 0.50 0.00	27.87 0.36 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.61 0.09 0.00	19.78 0.04 0.00	19.59 0.02 0.00	18.89 0.00 0.00	19.49 -0.02 0.00	21.29 -0.04 0.00	27.52 -0.11 0.00	30.54 -0.28 0.00	30.98 -0.31 0.00	30.30 -0.31 0.00	31.85 -0.42 0.00	30.93 -0.44 0.00	31.44 -0.41 0.00	30.99 -0.41 0.00	30.05 -0.46 0.00	30.70 -0.40 0.00	34.76 -0.53 0.00	41.75 -0.46 0.00	44.51 -0.45 0.00	43.16 -0.35 0.00	41.70 -0.13 0.00	37.50 -0.23 0.00	31.26 -0.13 0.00	27.46 -0.06 0.00
HELLGATE_13_KV_LD 55870	25.28 1.76 0.00	21.35 1.60 -0.01	21.04 1.47 0.00	20.29 1.40 0.00	21.00 1.48 0.00	22.72 1.39 0.00	29.23 1.60 0.00	32.82 2.00 0.00	33.55 2.25 0.00	33.05 2.45 0.00	34.85 2.58 0.00	34.03 2.67 0.00	34.56 2.71 0.00	34.19 2.79 0.00	33.55 3.05 0.00	34.16 3.05 0.00	38.57 3.28 0.00	45.89 3.67 0.00	48.55 3.60 0.00	46.94 3.44 0.00	45.09 3.26 0.00	40.52 2.79 0.00	34.05 2.67 0.00	29.85 2.34 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.28 1.76 0.00	21.35 1.60 -0.01	21.04 1.47 0.00	20.29 1.40 0.00	21.00 1.48 0.00	22.72 1.39 0.00	29.23 1.60 0.00	32.82 2.00 0.00	33.55 2.25 0.00	33.05 2.45 0.00	34.85 2.58 0.00	34.03 2.67 0.00	34.56 2.71 0.00	34.19 2.79 0.00	33.55 3.05 0.00	34.16 3.05 0.00	38.57 3.28 0.00	45.89 3.67 0.00	48.55 3.60 0.00	46.94 3.44 0.00	45.09 3.26 0.00	40.52 2.79 0.00	34.05 2.67 0.00	29.85 2.34 0.00
HEMPSTEAD____ 23647	25.29 1.76 -0.01	23.77 1.58 -2.45	21.09 1.49 -0.03	20.35 1.43 -0.03	21.06 1.52 -0.02	22.86 1.51 -0.01	29.27 1.63 -0.01	32.80 1.97 -0.01	33.43 2.13 -0.01	32.91 2.30 -0.01	36.53 2.39 -1.87	35.88 2.45 -2.06	36.54 2.45 -2.23	36.59 2.51 -2.69	36.94 2.71 -3.72	37.62 2.70 -3.81	38.19 2.89 -0.01	45.60 3.38 -0.01	48.34 3.37 -0.01	46.87 3.35 -0.01	44.88 3.05 0.00	39.99 2.26 0.00	41.96 2.45 -8.12	32.51 2.23 -2.77
HICKLING___1 23621	23.92 0.40 0.00	19.90 0.16 0.00	19.67 0.10 0.00	19.00 0.11 0.00	19.55 0.04 0.00	21.42 0.09 0.00	27.57 -0.06 0.00	30.73 -0.09 0.00	31.17 -0.13 0.00	30.33 -0.28 0.00	31.59 -0.68 0.00	30.99 -0.78 -0.40	31.70 -0.80 -0.65	32.47 -0.75 -1.82	31.40 -1.04 -1.94	31.90 -0.96 -1.75	37.80 -1.23 -3.75	45.51 -1.14 -4.43	45.70 -0.99 -1.73	43.03 -0.48 0.00	41.99 0.17 0.00	37.62 -0.11 0.00	31.63 0.25 0.00	27.68 0.17 0.00
HICKLING___2 23622	23.92 0.40 0.00	19.90 0.16 0.00	19.67 0.10 0.00	19.00 0.11 0.00	19.55 0.04 0.00	21.42 0.09 0.00	27.57 -0.06 0.00	30.73 -0.09 0.00	31.17 -0.13 0.00	30.33 -0.28 0.00	31.59 -0.68 0.00	30.99 -0.78 -0.40	31.70 -0.80 -0.65	32.47 -0.75 -1.82	31.40 -1.04 -1.94	31.90 -0.96 -1.75	37.80 -1.23 -3.75	45.51 -1.14 -4.43	45.70 -0.99 -1.73	43.03 -0.48 0.00	41.99 0.17 0.00	37.62 -0.11 0.00	31.63 0.25 0.00	27.68 0.17 0.00
HIGH FALLS___HY 23754	25.05 1.53 0.00	21.06 1.32 0.00	20.78 1.21 0.00	20.06 1.17 0.00	20.76 1.25 0.00	22.63 1.30 0.00	28.90 1.27 0.00	32.27 1.45 0.00	32.28 1.66 0.68	31.31 1.74 1.04	33.30 1.87 0.84	33.37 2.01 0.00	33.96 2.10 0.00	33.53 2.13 0.00	32.91 2.41 0.00	33.56 2.46 0.00	37.97 2.68 0.00	45.59 3.38 0.00	48.42 3.46 0.00	46.90 3.39 0.00	45.09 3.26 0.00	40.37 2.64 0.00	33.74 2.35 0.00	29.50 1.98 0.00
HIGH_RIVER___SOLAR 323847	24.69 1.18 0.00	20.73 0.99 0.00	20.53 0.96 0.00	19.78 0.89 0.00	20.45 0.94 0.00	22.38 1.05 0.00	28.74 1.11 0.00	32.08 1.26 0.00	32.61 1.31 0.00	31.80 1.19 0.00	33.53 1.26 0.00	32.49 1.13 0.00	32.81 0.95 0.00	32.37 0.97 0.00	31.57 1.07 0.00	32.16 1.06 0.00	36.34 1.06 0.00	43.57 1.35 0.00	46.53 1.57 0.00	45.51 2.00 0.00	43.92 2.09 0.00	39.50 1.77 0.00	32.98 1.60 0.00	28.95 1.43 0.00
HILLBURN___GT 23639	24.90 1.39 0.00	20.96 1.22 0.00	20.71 1.13 0.00	19.98 1.10 0.00	20.68 1.17 0.00	22.50 1.17 0.00	28.82 1.19 0.00	32.30 1.48 0.00	32.95 1.66 0.00	32.44 1.84 0.00	34.24 1.97 0.00	33.37 2.01 0.00	33.90 2.04 0.00	33.50 2.10 0.00	32.85 2.35 0.00	33.47 2.36 0.00	37.83 2.54 0.00	45.17 2.95 0.00	47.88 2.92 0.00	46.38 2.87 0.00	44.54 2.72 0.00	39.84 2.11 0.00	33.42 2.04 0.00	29.33 1.82 0.00
HILLSIDE_115KV_TB1 80332	23.56 0.05 0.00	19.60 -0.14 0.00	19.39 -0.18 0.00	18.76 -0.13 0.00	19.32 -0.20 0.00	21.12 -0.21 0.00	27.16 -0.47 0.00	30.26 -0.55 0.00	30.73 -0.56 0.00	29.93 -0.67 0.00	31.21 -1.06 0.00	30.51 -1.13 -0.27	31.17 -1.11 -0.43	31.58 -1.04 -1.22	30.58 -1.22 -1.30	31.13 -1.15 -1.17	36.34 -1.45 -2.51	43.65 -1.52 -2.96	44.67 -1.44 -1.16	42.55 -0.96 0.00	41.36 -0.46 0.00	37.05 -0.68 0.00	31.13 -0.25 0.00	27.30 -0.22 0.00

HISHELDN_WT_PWR 323625	23.26 -0.26 0.00	19.15 -0.59 0.00	18.93 -0.65 0.00	18.30 -0.59 0.00	18.81 -0.70 0.00	20.57 -0.77 0.00	26.42 -1.22 0.00	29.28 -1.54 0.00	29.76 -1.53 0.00	28.80 -1.81 0.00	29.82 -2.45 0.00	26.88 -2.48 2.01	26.20 -2.45 3.21	19.97 -2.36 9.07	18.16 -2.72 9.63	19.68 -2.68 8.75	13.40 -3.14 18.74	16.60 -3.50 22.11	32.71 -3.60 8.65	40.37 -3.13 0.00	39.69 -2.13 0.00	35.85 -1.89 0.00	30.50 -0.88 0.00	26.61 -0.91 0.00
HOLTSVILLE_IC_1 23690	25.55 2.02 -0.01	23.65 1.85 -2.05	22.82 1.76 -1.48	22.02 1.70 -1.43	22.01 1.81 -0.68	23.20 1.85 -0.01	29.52 1.88 -0.01	33.20 2.37 -0.01	33.84 2.53 -0.01	33.21 2.60 -0.01	36.53 2.74 -1.52	35.80 2.76 -1.67	36.44 2.77 -1.81	36.37 2.79 -2.18	36.48 2.96 -3.02	37.15 2.96 -3.09	38.36 3.07 -0.01	46.01 3.72 -0.08	48.76 3.73 -0.08	47.26 3.74 -0.01	45.17 3.35 0.00	40.15 2.42 0.00	36.03 2.67 -1.98	32.18 2.42 -2.24
HOLTSVILLE_IC_10 23699	25.67 2.14 -0.01	23.78 1.97 -2.07	23.05 1.88 -1.60	22.23 1.80 -1.54	22.16 1.91 -0.74	23.30 1.96 -0.01	29.63 1.99 -0.01	33.36 2.53 -0.01	34.02 2.72 -0.01	33.37 2.76 -0.01	36.73 2.94 -1.52	35.99 2.95 -1.68	36.63 2.96 -1.82	36.57 2.98 -2.19	36.70 3.17 -3.03	37.38 3.17 -3.10	38.61 3.32 -0.01	46.31 4.01 -0.08	49.09 4.05 -0.08	47.56 4.05 -0.01	45.46 3.64 0.00	40.41 2.68 0.00	36.33 2.86 -2.09	32.32 2.56 -2.25
HOLTSVILLE_IC_2 23691	25.55 2.02 -0.01	23.65 1.85 -2.05	22.82 1.76 -1.48	22.02 1.70 -1.43	22.01 1.81 -0.68	23.20 1.85 -0.01	29.52 1.88 -0.01	33.20 2.37 -0.01	33.84 2.53 -0.01	33.21 2.60 -0.01	36.53 2.74 -1.52	35.80 2.76 -1.67	36.44 2.77 -1.81	36.37 2.79 -2.18	36.48 2.96 -3.02	37.15 2.96 -3.09	38.36 3.07 -0.01	46.01 3.72 -0.08	48.76 3.73 -0.08	47.26 3.74 -0.01	45.17 3.35 0.00	40.15 2.42 0.00	36.03 2.67 -1.98	32.18 2.42 -2.24
HOLTSVILLE_IC_3 23692	25.55 2.02 -0.01	23.65 1.85 -2.05	22.82 1.76 -1.48	22.02 1.70 -1.43	22.01 1.81 -0.68	23.20 1.85 -0.01	29.52 1.88 -0.01	33.20 2.37 -0.01	33.84 2.53 -0.01	33.21 2.60 -0.01	36.53 2.74 -1.52	35.80 2.76 -1.67	36.44 2.77 -1.81	36.37 2.79 -2.18	36.48 2.96 -3.02	37.15 2.96 -3.09	38.36 3.07 -0.01	46.01 3.72 -0.08	48.76 3.73 -0.08	47.26 3.74 -0.01	45.17 3.35 0.00	40.15 2.42 0.00	36.03 2.67 -1.98	32.18 2.42 -2.24
HOLTSVILLE_IC_4 23693	25.55 2.02 -0.01	23.65 1.85 -2.05	22.82 1.76 -1.48	22.02 1.70 -1.43	22.01 1.81 -0.68	23.20 1.85 -0.01	29.52 1.88 -0.01	33.20 2.37 -0.01	33.84 2.53 -0.01	33.21 2.60 -0.01	36.53 2.74 -1.52	35.80 2.76 -1.67	36.44 2.77 -1.81	36.37 2.79 -2.18	36.48 2.96 -3.02	37.15 2.96 -3.09	38.36 3.07 -0.01	46.01 3.72 -0.08	48.76 3.73 -0.08	47.26 3.74 -0.01	45.17 3.35 0.00	40.15 2.42 0.00	36.03 2.67 -1.98	32.18 2.42 -2.24
HOLTSVILLE_IC_5 23694	25.55 2.02 -0.01	23.65 1.85 -2.05	22.82 1.76 -1.48	22.02 1.70 -1.43	22.01 1.81 -0.68	23.20 1.85 -0.01	29.52 1.88 -0.01	33.20 2.37 -0.01	33.84 2.53 -0.01	33.21 2.60 -0.01	36.53 2.74 -1.52	35.80 2.76 -1.67	36.44 2.77 -1.81	36.37 2.79 -2.18	36.48 2.96 -3.02	37.15 2.96 -3.09	38.36 3.07 -0.01	46.01 3.72 -0.08	48.76 3.73 -0.08	47.26 3.74 -0.01	45.17 3.35 0.00	40.15 2.42 0.00	36.03 2.67 -1.98	32.18 2.42 -2.24
HOLTSVILLE_IC_6 23695	25.67 2.14 -0.01	23.78 1.97 -2.07	23.05 1.88 -1.60	22.23 1.80 -1.54	22.16 1.91 -0.74	23.30 1.96 -0.01	29.63 1.99 -0.01	33.36 2.53 -0.01	34.02 2.72 -0.01	33.37 2.76 -0.01	36.73 2.94 -1.52	35.99 2.95 -1.68	36.63 2.96 -1.82	36.57 2.98 -2.19	36.70 3.17 -3.03	37.38 3.17 -3.10	38.61 3.32 -0.01	46.31 4.01 -0.08	49.09 4.05 -0.08	47.56 4.05 -0.01	45.46 3.64 0.00	40.41 2.68 0.00	36.33 2.86 -2.09	32.32 2.56 -2.25
HOLTSVILLE_IC_7 23696	25.67 2.14 -0.01	23.78 1.97 -2.07	23.05 1.88 -1.60	22.23 1.80 -1.54	22.16 1.91 -0.74	23.30 1.96 -0.01	29.63 1.99 -0.01	33.36 2.53 -0.01	34.02 2.72 -0.01	33.37 2.76 -0.01	36.73 2.94 -1.52	35.99 2.95 -1.68	36.63 2.96 -1.82	36.57 2.98 -2.19	36.70 3.17 -3.03	37.38 3.17 -3.10	38.61 3.32 -0.01	46.31 4.01 -0.08	49.09 4.05 -0.08	47.56 4.05 -0.01	45.46 3.64 0.00	40.41 2.68 0.00	36.33 2.86 -2.09	32.32 2.56 -2.25
HOLTSVILLE_IC_8 23697	25.67 2.14 -0.01	23.78 1.97 -2.07	23.05 1.88 -1.60	22.23 1.80 -1.54	22.16 1.91 -0.74	23.30 1.96 -0.01	29.63 1.99 -0.01	33.36 2.53 -0.01	34.02 2.72 -0.01	33.37 2.76 -0.01	36.73 2.94 -1.52	35.99 2.95 -1.68	36.63 2.96 -1.82	36.57 2.98 -2.19	36.70 3.17 -3.03	37.38 3.17 -3.10	38.61 3.32 -0.01	46.31 4.01 -0.08	49.09 4.05 -0.08	47.56 4.05 -0.01	45.46 3.64 0.00	40.41 2.68 0.00	36.33 2.86 -2.09	32.32 2.56 -2.25
HOLTSVILLE_IC_9 23698	25.67 2.14 -0.01	23.78 1.97 -2.07	23.05 1.88 -1.60	22.23 1.80 -1.54	22.16 1.91 -0.74	23.30 1.96 -0.01	29.63 1.99 -0.01	33.36 2.53 -0.01	34.02 2.72 -0.01	33.37 2.76 -0.01	36.73 2.94 -1.52	35.99 2.95 -1.68	36.63 2.96 -1.82	36.57 2.98 -2.19	36.70 3.17 -3.03	37.38 3.17 -3.10	38.61 3.32 -0.01	46.31 4.01 -0.08	49.09 4.05 -0.08	47.56 4.05 -0.01	45.46 3.64 0.00	40.41 2.68 0.00	36.33 2.86 -2.09	32.32 2.56 -2.25
HOMER_HL_115KV_TB2 355744	23.31 -0.21 0.00	19.23 -0.51 0.00	18.98 -0.59 0.00	18.36 -0.53 0.00	18.87 -0.64 0.00	20.67 -0.66 0.00	26.50 -1.13 0.00	29.62 -1.20 0.00	30.11 -1.19 0.00	29.20 -1.41 0.00	30.24 -2.03 0.00	29.13 -2.13 0.10	29.46 -2.23 0.16	28.86 -2.07 0.47	27.44 -2.56 0.50	28.13 -2.52 0.45	31.27 -3.03 0.98	37.47 -3.63 1.12	40.82 -3.69 0.45	41.29 -2.22 0.00	40.40 -1.42 0.00	36.03 -1.70 0.00	30.66 -0.72 0.00	26.77 -0.74 0.00
HOWARD_WT_PWR 323690	23.59 0.07 0.00	19.56 -0.18 0.00	19.34 -0.23 0.00	18.74 -0.15 0.00	19.28 -0.23 0.00	21.14 -0.19 0.00	27.24 -0.39 0.00	30.27 -0.55 0.00	30.64 -0.66 0.00	29.69 -0.92 0.00	30.76 -1.52 0.00	31.54 -1.69 -1.87	33.13 -1.72 -2.99	38.18 -1.66 -8.45	37.38 -2.10 -8.98	37.11 -2.15 -8.15	50.20 -2.54 -17.46	60.19 -2.66 -20.63	50.59 -2.43 -8.06	41.81 -1.70 0.00	41.07 -0.75 0.00	37.09 -0.64 0.00	31.17 -0.22 0.00	27.10 -0.41 0.00
HQ_GEN_CEDARS 23644	22.93 -0.59 0.00	19.25 -0.49 0.00	19.14 -0.43 0.00	18.49 -0.40 0.00	19.08 -0.43 0.00	21.01 -0.32 0.00	27.46 -0.17 0.00	30.82 0.00 0.00	31.29 0.00 0.00	30.54 -0.06 0.00	32.30 0.03 0.00	31.33 -0.03 0.00	31.76 -0.10 0.00	31.21 -0.19 0.00	30.20 -0.31 0.00	30.70 -0.40 0.00	35.11 -0.18 0.00	42.00 -0.21 0.00	44.96 0.00 0.00	43.16 -0.35 0.00	41.49 -0.33 0.00	37.50 -0.23 0.00	30.94 -0.44 0.00	26.91 -0.61 0.00
HQ_GEN_CEDARS_PROXY 323590	22.93 -0.59 0.00	19.25 -0.49 0.00	19.14 -0.43 0.00	18.49 -0.40 0.00	19.08 -0.43 0.00	20.99 -0.34 0.00	27.47 -0.16 0.00	30.82 0.00 0.00	31.29 0.00 0.00	30.54 -0.06 0.00	32.30 0.03 0.00	31.33 -0.03 0.00	31.76 -0.10 0.00	31.21 -0.19 0.00	30.20 -0.31 0.00	30.70 -0.41 0.00	35.11 -0.18 0.00	42.00 -0.21 0.00	44.96 0.00 0.00	43.16 -0.35 0.00	41.49 -0.34 0.00	37.47 -0.26 0.00	30.94 -0.44 0.00	26.91 -0.61 0.00

HQ_GEN_IMPORT 323601	23.12 -0.40 0.00	19.40 -0.34 0.00	19.26 -0.31 0.00	18.58 -0.30 0.00	19.20 -0.31 0.00	5.00 -0.26 16.08	43.60 -0.11 -16.08	30.76 -0.06 0.00	31.26 -0.03 0.00	30.51 -0.09 0.00	32.24 -0.03 0.00	31.33 -0.03 0.00	31.79 -0.06 0.00	31.27 -0.13 0.00	30.32 -0.18 0.00	30.89 -0.22 0.00	35.18 -0.11 0.00	42.09 -0.13 0.00	44.87 -0.09 0.00	43.29 -0.22 0.00	41.49 -0.34 0.00	37.54 -0.19 0.00	31.07 -0.31 0.00	27.10 -0.41 0.00
HQ_GEN_WHEEL 23651	23.12 -0.40 0.00	19.40 -0.34 0.00	19.26 -0.31 0.00	18.58 -0.30 0.00	19.20 -0.31 0.00	5.00 -0.26 16.08	43.60 -0.11 -16.08	30.76 -0.06 0.00	31.26 -0.03 0.00	30.51 -0.09 0.00	32.24 -0.03 0.00	31.33 -0.03 0.00	31.79 -0.06 0.00	31.27 -0.13 0.00	30.32 -0.18 0.00	30.89 -0.22 0.00	35.18 -0.11 0.00	42.09 -0.13 0.00	44.87 -0.09 0.00	43.29 -0.22 0.00	41.49 -0.34 0.00	37.54 -0.19 0.00	31.07 -0.31 0.00	27.10 -0.41 0.00
HUDSON AVE_GT_3 23810	25.12 1.60 0.00	21.16 1.42 0.00	20.88 1.31 0.00	20.13 1.25 0.00	20.86 1.35 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.67 1.85 0.00	33.36 2.07 0.00	32.90 2.30 0.00	34.69 2.42 0.00	33.81 2.45 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.37 2.87 0.00	34.00 2.89 0.00	38.39 3.11 0.00	45.72 3.50 0.00	48.37 3.42 0.00	46.81 3.31 0.00	44.96 3.14 0.00	40.37 2.64 0.00	33.86 2.48 0.00	29.63 2.12 0.00
HUDSON AVE_GT_4 23540	25.12 1.60 0.00	21.16 1.42 0.00	20.88 1.31 0.00	20.13 1.25 0.00	20.86 1.35 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.67 1.85 0.00	33.36 2.07 0.00	32.90 2.30 0.00	34.69 2.42 0.00	33.81 2.45 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.37 2.87 0.00	34.00 2.89 0.00	38.39 3.11 0.00	45.72 3.50 0.00	48.37 3.42 0.00	46.81 3.31 0.00	44.96 3.14 0.00	40.37 2.64 0.00	33.86 2.48 0.00	29.63 2.12 0.00
HUDSON AVE_GT_5 23657	25.12 1.60 0.00	21.16 1.42 0.00	20.88 1.31 0.00	20.13 1.25 0.00	20.86 1.35 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.67 1.85 0.00	33.36 2.07 0.00	32.90 2.30 0.00	34.69 2.42 0.00	33.81 2.45 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.37 2.87 0.00	34.00 2.89 0.00	38.39 3.11 0.00	45.72 3.50 0.00	48.37 3.42 0.00	46.81 3.31 0.00	44.96 3.14 0.00	40.37 2.64 0.00	33.86 2.48 0.00	29.63 2.12 0.00
HUDSON_AVE_10 24168	25.02 1.51 0.00	21.08 1.34 0.00	20.80 1.23 0.00	20.06 1.17 0.00	20.78 1.27 0.00	22.55 1.22 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.31 2.81 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.63 3.42 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.26 2.53 0.00	33.77 2.39 0.00	29.55 2.04 0.00
HUDSON___115KV_TB 4 355613	24.67 1.15 0.00	20.77 1.03 0.00	20.55 0.98 0.00	19.81 0.93 0.00	20.45 0.94 0.00	22.36 1.02 0.00	28.57 0.94 0.00	31.87 1.05 0.00	26.29 0.88 5.88	22.60 0.98 8.99	25.92 0.94 7.29	32.31 0.94 0.00	32.78 0.92 0.00	32.40 1.00 0.00	31.60 1.10 0.00	32.23 1.12 0.00	36.45 1.16 0.00	43.57 1.35 0.00	46.39 1.44 0.00	45.25 1.74 0.00	43.54 1.71 0.00	39.20 1.47 0.00	32.80 1.41 0.00	28.95 1.43 0.00
HUNTER MOUNT___DRP 323613	24.74 1.22 0.00	20.82 1.09 0.00	20.59 1.02 0.00	19.87 0.98 0.00	20.51 1.00 0.00	22.44 1.11 0.00	28.62 0.99 0.00	31.87 1.05 0.00	27.65 0.94 4.58	24.57 0.98 7.01	27.55 0.97 5.69	32.31 0.94 0.00	32.78 0.92 0.00	32.37 0.97 0.00	31.60 1.10 0.00	32.23 1.12 0.00	36.45 1.16 0.00	43.61 1.39 0.00	46.48 1.53 0.00	45.38 1.87 0.00	43.71 1.88 0.00	39.39 1.66 0.00	32.89 1.51 0.00	29.03 1.51 0.00
HUNTINGTON_RES_REC 323705	25.52 2.00 -0.01	23.58 1.90 -1.94	20.39 1.80 0.98	19.68 1.74 0.95	20.90 1.83 0.45	23.11 1.77 -0.01	29.52 1.88 -0.01	33.11 2.28 -0.01	33.75 2.44 -0.01	33.15 2.54 -0.01	36.47 2.68 -1.52	35.81 2.76 -1.68	36.44 2.77 -1.82	36.41 2.83 -2.19	36.56 3.02 -3.03	37.20 2.99 -3.10	38.36 3.07 -0.01	46.20 3.80 -0.18	49.01 3.87 -0.18	47.17 3.66 -0.01	45.13 3.30 0.00	40.11 2.38 0.00	36.21 2.73 -2.10	32.22 2.45 -2.25
HUNTLEY___63 23557	23.24 -0.28 0.00	19.05 -0.69 0.00	18.79 -0.78 0.00	18.19 -0.70 0.00	18.65 -0.86 0.00	20.44 -0.90 0.00	26.02 -1.60 0.01	29.02 -1.79 0.01	29.57 -1.72 0.01	28.61 -1.99 0.01	29.65 -2.61 0.01	28.60 -2.26 0.50	28.89 -2.17 0.80	27.07 -2.04 2.29	25.69 -2.38 2.43	26.66 -2.24 2.21	27.92 -2.61 4.75	33.99 -2.74 5.48	39.76 -3.01 2.19	40.28 -3.22 0.01	39.52 -2.30 0.01	35.27 -2.45 0.01	30.25 -1.13 0.01	26.54 -0.96 0.01
HUNTLEY___64 23558	23.24 -0.28 0.00	19.05 -0.69 0.00	18.79 -0.78 0.00	18.19 -0.70 0.00	18.65 -0.86 0.00	20.44 -0.90 0.00	26.02 -1.60 0.01	29.02 -1.79 0.01	29.57 -1.72 0.01	28.61 -1.99 0.01	29.65 -2.61 0.01	28.60 -2.26 0.50	28.89 -2.17 0.80	27.07 -2.04 2.29	25.69 -2.38 2.43	26.66 -2.24 2.21	27.92 -2.61 4.75	33.99 -2.74 5.48	39.76 -3.01 2.19	40.28 -3.22 0.01	39.52 -2.30 0.01	35.27 -2.45 0.01	30.25 -1.13 0.01	26.54 -0.96 0.01
HUNTLEY___65 23559	23.24 -0.28 0.00	19.05 -0.69 0.00	18.79 -0.78 0.00	18.19 -0.70 0.00	18.65 -0.86 0.00	20.44 -0.90 0.00	26.02 -1.60 0.01	29.02 -1.79 0.01	29.57 -1.72 0.01	28.61 -1.99 0.01	29.65 -2.61 0.01	28.60 -2.26 0.50	28.89 -2.17 0.80	27.07 -2.04 2.29	25.69 -2.38 2.43	26.66 -2.24 2.21	27.92 -2.61 4.75	33.99 -2.74 5.48	39.76 -3.01 2.19	40.28 -3.22 0.01	39.52 -2.30 0.01	35.27 -2.45 0.01	30.25 -1.13 0.01	26.54 -0.96 0.01
HUNTLEY___66 23560	23.24 -0.28 0.00	19.05 -0.69 0.00	18.79 -0.78 0.00	18.19 -0.70 0.00	18.65 -0.86 0.00	20.44 -0.90 0.00	26.02 -1.60 0.01	29.02 -1.79 0.01	29.57 -1.72 0.01	28.61 -1.99 0.01	29.65 -2.61 0.01	28.60 -2.26 0.50	28.89 -2.17 0.80	27.07 -2.04 2.29	25.69 -2.38 2.43	26.66 -2.24 2.21	27.92 -2.61 4.75	33.99 -2.74 5.48	39.76 -3.01 2.19	40.28 -3.22 0.01	39.52 -2.30 0.01	35.27 -2.45 0.01	30.25 -1.13 0.01	26.54 -0.96 0.01
HUNTLEY___67 23561	23.14 -0.38 0.00	18.97 -0.77 0.00	18.75 -0.82 0.00	18.13 -0.76 0.00	18.61 -0.90 0.00	20.35 -0.98 0.00	26.00 -1.63 0.00	28.97 -1.85 0.00	29.48 -1.82 0.00	28.55 -2.05 0.00	29.59 -2.68 0.00	28.26 -2.60 0.50	28.54 -2.52 0.80	26.76 -2.39 2.25	25.40 -2.71 2.39	26.35 -2.58 2.18	27.62 -3.00 4.66	33.41 -3.29 5.51	39.30 -3.51 2.15	40.20 -3.31 0.00	39.40 -2.43 0.00	35.17 -2.57 0.00	30.10 -1.29 0.00	26.47 -1.05 0.00
HUNTLEY___68 23562	23.14 -0.38 0.00	18.97 -0.77 0.00	18.75 -0.82 0.00	18.13 -0.76 0.00	18.61 -0.90 0.00	20.35 -0.98 0.00	26.00 -1.63 0.00	28.97 -1.85 0.00	29.48 -1.82 0.00	28.55 -2.05 0.00	29.59 -2.68 0.00	28.26 -2.60 0.50	28.54 -2.52 0.80	26.76 -2.39 2.25	25.40 -2.71 2.39	26.35 -2.58 2.18	27.62 -3.00 4.66	33.41 -3.29 5.51	39.30 -3.51 2.15	40.20 -3.31 0.00	39.40 -2.43 0.00	35.17 -2.57 0.00	30.10 -1.29 0.00	26.47 -1.05 0.00

HYLAND___LFGE 323620	24.34 0.82 0.00	20.23 0.49 0.00	19.98 0.41 0.00	19.28 0.40 0.00	19.88 0.37 0.00	21.76 0.43 0.00	27.96 0.33 0.00	30.91 0.09 0.00	30.95 -0.34 0.00	29.69 -0.92 0.00	30.76 -1.52 0.00	31.78 -1.66 -2.07	33.54 -1.62 -3.31	39.12 -1.63 -9.36	37.67 -2.78 -9.94	37.55 -2.58 -9.02	51.69 -2.93 -19.33	62.19 -2.87 -22.84	51.54 -2.34 -8.93	42.11 -1.39 0.00	41.83 0.00 0.00	38.71 0.98 0.00	32.36 0.97 0.00	28.17 0.66 0.00
INDECK___CORINTH 23802	25.19 1.67 0.00	21.14 1.40 0.00	20.88 1.31 0.00	20.11 1.23 0.00	20.78 1.27 0.00	22.80 1.47 0.00	29.29 1.66 0.00	32.79 1.97 0.00	37.86 2.10 -4.47	39.45 2.02 -6.83	39.98 2.16 -5.54	33.50 2.13 0.00	33.96 2.10 0.00	33.53 2.14 0.00	32.64 2.13 0.00	33.32 2.21 0.00	37.33 2.05 0.00	44.62 2.40 0.00	47.38 2.43 0.00	46.25 2.74 0.00	44.54 2.72 0.00	40.30 2.57 0.00	33.64 2.26 0.00	29.58 2.06 0.00
INDECK___ILION 23567	23.42 -0.09 0.00	19.68 -0.06 0.00	19.51 -0.06 0.00	18.85 -0.04 0.00	19.51 0.00 0.00	21.35 0.02 0.00	27.60 -0.03 0.00	30.85 0.03 0.00	31.33 0.03 0.00	30.63 0.03 0.00	32.30 0.03 0.00	31.40 0.03 0.00	31.89 0.03 0.00	31.43 0.03 0.00	30.53 0.03 0.00	31.11 0.00 0.00	35.21 -0.07 0.00	42.13 -0.08 0.00	44.87 -0.09 0.00	43.51 0.00 0.00	41.87 0.04 0.00	37.77 0.04 0.00	31.41 0.03 0.00	27.57 0.06 0.00
INDECK___OLEAN 23982	23.31 -0.21 0.00	19.23 -0.51 0.00	18.96 -0.61 0.00	18.36 -0.53 0.00	18.87 -0.64 0.00	20.67 -0.66 0.00	26.61 -1.02 0.00	29.62 -1.20 0.00	30.11 -1.19 0.00	29.20 -1.41 0.00	30.24 -2.03 0.00	29.13 -2.13 0.10	29.56 -2.13 0.16	28.82 -2.10 0.47	27.44 -2.56 0.50	28.10 -2.55 0.45	31.27 -3.03 0.98	37.47 -3.63 1.12	40.91 -3.60 0.45	41.29 -2.22 0.00	40.40 -1.42 0.00	36.22 -1.51 0.00	30.76 -0.63 0.00	26.77 -0.74 0.00
INDECK___OSWEGO 23783	23.24 -0.28 0.00	19.48 -0.26 0.00	19.28 -0.29 0.00	18.60 -0.28 0.00	19.20 -0.31 0.00	20.99 -0.34 0.00	27.19 -0.44 0.00	30.08 -0.74 0.00	30.51 -0.78 0.00	29.78 -0.82 0.00	31.34 -0.94 0.00	30.43 -0.94 0.00	30.90 -0.95 0.00	30.48 -0.91 0.00	29.59 -0.91 0.00	30.20 -0.90 0.00	34.23 -1.06 0.00	41.03 -1.18 0.00	43.74 -1.21 0.00	42.42 -1.09 0.00	40.94 -0.88 0.00	36.86 -0.87 0.00	30.69 -0.69 0.00	26.99 -0.52 0.00
INDECK___YERKES 23781	23.26 -0.26 0.00	19.07 -0.67 0.00	18.83 -0.74 0.00	18.21 -0.68 0.00	18.67 -0.84 0.00	20.44 -0.90 0.00	26.21 -1.41 0.01	29.06 -1.76 0.01	29.60 -1.69 0.01	28.64 -1.96 0.01	29.68 -2.58 0.01	28.63 -2.23 0.50	28.92 -2.13 0.80	27.10 -2.01 2.29	25.72 -2.35 2.43	26.69 -2.21 2.21	28.06 -2.47 4.75	34.08 -2.66 5.48	39.85 -2.92 2.19	40.33 -3.17 0.01	39.56 -2.26 0.01	35.65 -2.08 0.01	30.50 -0.88 0.01	26.57 -0.94 0.01
INDIAN POINT_GT_1 24139	24.95 1.43 0.00	21.00 1.26 0.00	20.75 1.17 0.00	20.02 1.13 0.00	20.72 1.21 0.00	22.53 1.19 0.00	28.93 1.30 0.00	32.42 1.60 0.00	33.05 1.75 0.00	32.56 1.96 0.00	34.34 2.07 0.00	33.44 2.07 0.00	33.96 2.10 0.00	33.59 2.20 0.00	32.91 2.41 0.00	33.53 2.43 0.00	37.90 2.61 0.00	45.21 3.00 0.00	47.92 2.97 0.00	46.38 2.87 0.00	44.59 2.76 0.00	39.92 2.19 0.00	33.49 2.10 0.00	29.36 1.84 0.00
INDIAN POINT_GT_2 23659	24.95 1.43 0.00	21.00 1.26 0.00	20.75 1.17 0.00	20.02 1.13 0.00	20.72 1.21 0.00	22.53 1.19 0.00	28.93 1.30 0.00	32.42 1.60 0.00	33.05 1.75 0.00	32.56 1.96 0.00	34.34 2.07 0.00	33.44 2.07 0.00	33.96 2.10 0.00	33.59 2.20 0.00	32.91 2.41 0.00	33.53 2.43 0.00	37.90 2.61 0.00	45.21 3.00 0.00	47.92 2.97 0.00	46.38 2.87 0.00	44.59 2.76 0.00	39.92 2.19 0.00	33.49 2.10 0.00	29.36 1.84 0.00
INDIAN POINT_GT_3 24019	24.95 1.43 0.00	21.00 1.26 0.00	20.75 1.17 0.00	20.02 1.13 0.00	20.72 1.21 0.00	22.53 1.19 0.00	28.93 1.30 0.00	32.42 1.60 0.00	33.05 1.75 0.00	32.56 1.96 0.00	34.34 2.07 0.00	33.44 2.07 0.00	33.96 2.10 0.00	33.59 2.20 0.00	32.91 2.41 0.00	33.53 2.43 0.00	37.90 2.61 0.00	45.21 3.00 0.00	47.92 2.97 0.00	46.38 2.87 0.00	44.59 2.76 0.00	39.92 2.19 0.00	33.49 2.10 0.00	29.36 1.84 0.00
INDIAN POINT___2 23530	24.90 1.39 0.00	20.98 1.24 0.00	20.71 1.13 0.00	19.98 1.10 0.00	20.68 1.17 0.00	22.50 1.17 0.00	28.84 1.21 0.00	32.33 1.51 0.00	32.98 1.69 0.00	32.47 1.87 0.00	34.27 2.00 0.00	33.37 2.01 0.00	33.90 2.04 0.00	33.53 2.14 0.00	32.85 2.35 0.00	33.47 2.36 0.00	37.79 2.51 0.00	45.13 2.91 0.00	47.84 2.88 0.00	46.29 2.79 0.00	44.50 2.68 0.00	39.81 2.07 0.00	33.39 2.01 0.00	29.33 1.82 0.00
INDIAN POINT___3 23531	24.93 1.41 0.00	20.98 1.24 0.00	20.73 1.15 0.00	20.00 1.11 0.00	20.70 1.19 0.00	22.51 1.17 0.00	28.87 1.24 0.00	32.36 1.54 0.00	32.98 1.69 0.00	32.47 1.87 0.00	34.27 2.00 0.00	33.40 2.04 0.00	33.93 2.07 0.00	33.53 2.13 0.00	32.88 2.38 0.00	33.50 2.40 0.00	37.86 2.58 0.00	45.13 2.91 0.00	47.83 2.88 0.00	46.34 2.83 0.00	44.50 2.68 0.00	39.92 2.19 0.00	33.45 2.07 0.00	29.33 1.82 0.00
INGHAM_C_115KV_TB7 356103	23.07 -0.45 0.00	19.38 -0.36 0.00	19.26 -0.31 0.00	18.60 -0.28 0.00	19.28 -0.23 0.00	21.14 -0.19 0.00	27.38 -0.25 0.00	30.63 -0.18 0.00	31.11 -0.19 0.00	30.45 -0.15 0.00	32.11 -0.16 0.00	31.18 -0.19 0.00	31.66 -0.19 0.00	31.14 -0.25 0.00	30.26 -0.24 0.00	30.80 -0.31 0.00	34.83 -0.46 0.00	41.71 -0.51 0.00	44.42 -0.54 0.00	43.07 -0.44 0.00	41.49 -0.33 0.00	37.47 -0.26 0.00	31.16 -0.22 0.00	27.35 -0.17 0.00
IP CORINTH___1 23988	25.19 1.67 0.00	21.14 1.40 0.00	20.88 1.31 0.00	20.12 1.23 0.00	20.78 1.27 0.00	22.80 1.47 0.00	29.29 1.66 0.00	32.79 1.97 0.00	37.86 2.10 -4.47	39.45 2.02 -6.83	39.98 2.16 -5.54	33.50 2.13 0.00	33.93 2.07 0.00	33.53 2.13 0.00	32.64 2.14 0.00	33.32 2.21 0.00	37.33 2.05 0.00	44.62 2.41 0.00	47.38 2.43 0.00	46.25 2.74 0.00	44.54 2.72 0.00	40.30 2.57 0.00	33.64 2.26 0.00	29.58 2.06 0.00
IP___TICONDEROGA 23804	25.96 2.45 0.00	21.75 2.01 0.00	21.41 1.84 0.00	20.59 1.70 0.00	21.27 1.76 0.00	23.53 2.20 0.00	30.17 2.54 0.00	33.72 2.90 0.00	39.38 3.13 -4.96	41.03 2.85 -7.58	41.52 3.10 -6.15	34.47 3.11 0.00	34.85 2.99 0.00	34.47 3.08 0.00	33.46 2.96 0.00	34.19 3.08 0.00	38.35 3.07 0.00	45.97 3.76 0.00	49.05 4.09 0.00	48.16 4.66 0.00	46.43 4.60 0.00	41.84 4.11 0.00	34.90 3.51 0.00	30.57 3.05 0.00
ISLIP_RES_REC 323679	25.78 2.26 -0.01	23.86 2.05 -2.06	22.99 1.96 -1.46	22.19 1.89 -1.41	22.18 1.99 -0.67	23.41 2.07 -0.01	29.77 2.13 -0.01	33.54 2.71 -0.01	34.21 2.91 -0.01	33.55 2.94 -0.01	36.93 3.13 -1.53	36.18 3.14 -1.68	36.83 3.15 -1.82	36.76 3.17 -2.19	36.89 3.36 -3.03	37.60 3.39 -3.11	38.82 3.53 -0.01	46.60 4.31 -0.08	49.39 4.36 -0.08	47.82 4.31 -0.01	45.76 3.93 0.00	40.64 2.91 0.00	36.59 3.04 -2.16	32.47 2.70 -2.25

JAMAICA__27_KV_LOAD 355505	25.05 1.53 0.00	21.10 1.36 0.00	20.80 1.23 0.00	20.06 1.17 0.00	20.78 1.27 0.00	22.57 1.24 0.00	29.09 1.46 0.00	32.67 1.85 0.00	33.42 2.13 0.00	32.96 2.36 0.00	34.76 2.48 0.00	33.91 2.54 0.00	34.47 2.61 0.00	34.00 2.61 0.00	33.46 2.96 0.00	34.03 2.92 0.00	38.46 3.18 0.00	45.84 3.63 0.00	48.55 3.60 0.00	46.99 3.48 0.00	45.13 3.30 0.00	40.45 2.72 0.00	33.93 2.54 0.00	29.66 2.15 0.00
JANIS__SOLAR 323808	24.41 0.89 0.00	20.45 0.71 0.00	20.22 0.64 0.00	19.51 0.62 0.00	20.16 0.64 0.00	22.14 0.81 0.00	28.65 1.02 0.00	31.87 1.05 0.00	32.23 0.94 0.00	31.25 0.64 0.00	32.72 0.45 0.00	31.79 0.28 -0.14	32.34 0.25 -0.23	32.32 0.28 -0.64	31.31 0.12 -0.68	31.97 0.25 -0.61	36.92 0.32 -1.32	44.61 0.84 -1.55	46.96 1.40 -0.61	45.20 1.70 0.00	43.92 2.09 0.00	39.47 1.74 0.00	32.76 1.38 0.00	28.59 1.07 0.00
JARVIS____ 23743	23.64 0.12 0.00	19.86 0.12 0.00	19.69 0.12 0.00	19.00 0.11 0.00	19.63 0.12 0.00	21.44 0.11 0.00	27.71 0.08 0.00	30.91 0.09 0.00	31.39 0.09 0.00	30.73 0.12 0.00	32.37 0.10 0.00	31.46 0.09 0.00	31.95 0.10 0.00	31.52 0.13 0.00	30.66 0.15 0.00	31.23 0.12 0.00	35.36 0.07 0.00	42.30 0.08 0.00	45.05 0.09 0.00	43.64 0.13 0.00	41.99 0.17 0.00	37.84 0.11 0.00	31.51 0.13 0.00	27.68 0.17 0.00
JENNISON____1 23625	24.46 0.94 0.00	20.49 0.75 0.00	20.29 0.72 0.00	19.57 0.68 0.00	20.25 0.74 0.00	22.23 0.90 0.00	28.65 1.02 0.00	32.05 1.23 0.00	32.55 1.25 0.00	31.67 1.07 0.00	33.27 1.00 0.00	32.24 0.88 0.00	32.75 0.89 0.00	32.31 0.91 0.00	31.24 0.73 0.00	31.95 0.84 0.00	36.17 0.88 0.00	43.57 1.35 0.00	46.71 1.75 0.00	45.47 1.96 0.00	44.04 2.22 0.00	39.58 1.85 0.00	32.89 1.51 0.00	28.75 1.24 0.00
JENNISON____2 23626	24.46 0.94 0.00	20.49 0.75 0.00	20.29 0.72 0.00	19.57 0.68 0.00	20.25 0.74 0.00	22.23 0.90 0.00	28.65 1.02 0.00	32.05 1.23 0.00	32.55 1.25 0.00	31.67 1.07 0.00	33.27 1.00 0.00	32.24 0.88 0.00	32.75 0.89 0.00	32.31 0.91 0.00	31.24 0.73 0.00	31.95 0.84 0.00	36.17 0.88 0.00	43.57 1.35 0.00	46.71 1.75 0.00	45.47 1.96 0.00	44.04 2.22 0.00	39.58 1.85 0.00	32.89 1.51 0.00	28.75 1.24 0.00
JERICOHO_RISE_WT_PWR 323719	22.67 -0.85 0.00	19.03 -0.71 0.00	18.91 -0.67 0.00	18.25 -0.64 0.00	18.85 -0.66 0.00	20.73 -0.60 0.00	27.19 -0.44 0.00	30.54 -0.28 0.00	31.14 -0.16 0.00	30.42 -0.18 0.00	32.21 -0.06 0.00	31.24 -0.12 0.00	31.67 -0.19 0.00	31.11 -0.28 0.00	30.05 -0.46 0.00	30.51 -0.59 0.00	34.65 -0.63 0.00	41.46 -0.76 0.00	44.33 -0.83 0.00	42.68 -0.83 0.00	40.94 -0.88 0.00	36.98 -0.75 0.00	30.50 -0.88 0.00	26.55 -0.96 0.00
KATONAH__115KV_46KV_TB4 355592	25.09 1.58 0.00	21.08 1.34 0.00	20.82 1.25 0.00	20.12 1.23 0.00	20.82 1.31 0.00	22.65 1.32 0.00	29.21 1.57 0.00	32.79 1.97 0.00	33.42 2.13 0.00	32.90 2.30 0.00	34.76 2.48 0.00	33.72 2.35 0.00	34.21 2.36 0.00	33.84 2.45 0.00	33.13 2.62 0.00	33.75 2.64 0.00	38.18 2.89 0.00	45.55 3.33 0.00	48.24 3.28 0.00	46.68 3.18 0.00	44.88 3.05 0.00	40.18 2.45 0.00	33.64 2.26 0.00	29.50 1.98 0.00
KCE_NY_1 323755	24.95 1.43 0.00	20.96 1.22 0.00	20.73 1.15 0.00	19.98 1.10 0.00	20.64 1.13 0.00	22.59 1.26 0.00	28.98 1.35 0.00	32.42 1.60 0.00	38.64 1.69 -5.66	40.90 1.65 -8.65	41.03 1.74 -7.02	33.09 1.72 0.00	33.54 1.69 0.00	33.12 1.73 0.00	32.27 1.77 0.00	32.91 1.80 0.00	37.12 1.83 0.00	44.32 2.11 0.00	47.11 2.16 0.00	45.94 2.43 0.00	44.25 2.42 0.00	39.84 2.11 0.00	33.30 1.91 0.00	29.28 1.76 0.00
KCE_NY_6_ESR 323823	23.35 -0.16 0.00	19.17 -0.57 0.00	18.91 -0.67 0.00	18.30 -0.59 0.00	18.79 -0.72 0.00	20.54 -0.79 0.00	26.42 -1.22 0.00	29.28 -1.54 0.00	29.82 -1.47 0.00	28.86 -1.74 0.00	29.92 -2.35 0.00	28.46 -2.32 0.59	28.66 -2.26 0.94	26.56 -2.17 2.67	25.14 -2.53 2.83	26.11 -2.43 2.57	26.98 -2.79 5.52	32.63 -3.12 6.46	39.08 -3.33 2.55	40.63 -2.87 0.00	39.86 -1.97 0.00	35.92 -1.81 0.00	30.66 -0.72 0.00	26.72 -0.80 0.00
KEDC_PORT_JEFF_GT2 24210	25.64 2.12 -0.01	23.77 1.95 -2.07	23.21 1.86 -1.78	22.38 1.77 -1.72	22.22 1.89 -0.82	23.28 1.94 -0.01	29.60 1.96 -0.01	33.32 2.50 -0.01	33.96 2.66 -0.01	33.33 2.72 -0.01	36.66 2.87 -1.52	35.92 2.88 -1.68	36.60 2.93 -1.81	36.53 2.95 -2.18	36.67 3.14 -3.02	37.34 3.14 -3.09	38.58 3.28 -0.01	46.27 3.97 -0.09	49.05 4.00 -0.09	47.47 3.96 -0.01	45.42 3.60 0.00	40.33 2.60 0.00	36.26 2.83 -2.05	32.29 2.53 -2.25
KEDC_PORT_JEFF_GT3 24211	25.64 2.12 -0.01	23.77 1.95 -2.07	23.21 1.86 -1.78	22.38 1.77 -1.72	22.22 1.89 -0.82	23.28 1.94 -0.01	29.60 1.96 -0.01	33.32 2.50 -0.01	33.96 2.66 -0.01	33.33 2.72 -0.01	36.66 2.87 -1.52	35.92 2.88 -1.68	36.60 2.93 -1.81	36.53 2.95 -2.18	36.67 3.14 -3.02	37.34 3.14 -3.09	38.58 3.28 -0.01	46.27 3.97 -0.09	49.05 4.00 -0.09	47.47 3.96 -0.01	45.42 3.60 0.00	40.33 2.60 0.00	36.26 2.83 -2.05	32.29 2.53 -2.25
KEDC_GLWD_GT4 24219	25.31 1.79 -0.01	23.95 1.60 -2.61	21.09 1.49 -0.03	20.36 1.43 -0.03	21.06 1.52 -0.02	22.88 1.54 -0.01	29.33 1.69 -0.01	32.90 2.07 -0.01	33.53 2.22 -0.01	33.03 2.42 -0.01	36.82 2.55 -1.99	36.14 2.57 -2.20	36.85 2.61 -2.38	36.93 2.67 -2.86	37.37 2.90 -3.97	38.06 2.89 -4.06	38.40 3.11 -0.01	45.60 3.38 -0.01	48.29 3.33 -0.01	46.78 3.26 -0.01	44.88 3.05 0.00	40.07 2.34 0.00	42.06 2.54 -8.13	32.75 2.28 -2.95
KEDC_GLWD_GT5 24220	25.31 1.79 -0.01	23.95 1.60 -2.61	21.09 1.49 -0.03	20.36 1.43 -0.03	21.06 1.52 -0.02	22.88 1.54 -0.01	29.33 1.69 -0.01	32.90 2.07 -0.01	33.53 2.22 -0.01	33.03 2.42 -0.01	36.82 2.55 -1.99	36.14 2.57 -2.20	36.85 2.61 -2.38	36.93 2.67 -2.86	37.37 2.90 -3.97	38.06 2.89 -4.06	38.40 3.11 -0.01	45.60 3.38 -0.01	48.29 3.33 -0.01	46.78 3.26 -0.01	44.88 3.05 0.00	40.07 2.34 0.00	42.06 2.54 -8.13	32.75 2.28 -2.95
KENSICO____ 23655	25.02 1.51 0.00	21.06 1.32 0.00	20.80 1.23 0.00	20.08 1.19 0.00	20.78 1.27 0.00	22.57 1.24 0.00	28.98 1.35 0.00	32.48 1.66 0.00	33.14 1.85 0.00	32.65 2.05 0.00	34.43 2.16 0.00	33.56 2.20 0.00	34.08 2.23 0.00	33.72 2.32 0.00	33.04 2.53 0.00	33.66 2.55 0.00	38.04 2.75 0.00	45.34 3.12 0.00	48.06 3.10 0.00	46.51 3.00 0.00	44.71 2.89 0.00	40.07 2.34 0.00	33.61 2.23 0.00	29.47 1.95 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.02 1.51 0.00	21.06 1.32 0.00	20.76 1.19 0.00	20.06 1.17 0.00	20.76 1.25 0.00	22.63 1.30 0.00	28.90 1.27 0.00	32.27 1.45 0.00	32.92 1.63 0.00	32.32 1.71 0.00	34.08 1.81 0.00	33.31 1.94 0.00	33.86 2.01 0.00	33.47 2.07 0.00	32.82 2.32 0.00	33.44 2.33 0.00	37.86 2.58 0.00	45.42 3.21 0.00	48.28 3.33 0.00	46.81 3.31 0.00	45.00 3.18 0.00	40.30 2.57 0.00	33.71 2.32 0.00	29.47 1.95 0.00

KIAC_JFK_GT1 23816	24.91 1.39 0.00	20.98 1.24 0.00	20.69 1.12 0.00	19.96 1.08 0.00	20.66 1.15 0.00	22.46 1.13 0.00	28.93 1.30 0.00	32.48 1.66 0.00	33.23 1.94 0.00	32.78 2.17 0.00	34.60 2.32 0.00	33.75 2.38 0.00	34.28 2.42 0.00	33.72 2.32 0.00	33.28 2.78 0.00	33.75 2.64 0.00	38.14 2.86 0.00	45.47 3.25 0.00	48.10 3.15 0.00	46.55 3.05 0.00	44.71 2.89 0.00	40.07 2.34 0.00	33.74 2.35 0.00	29.50 1.98 0.00
KIAC_JFK_GT2 23817	24.91 1.39 0.00	20.98 1.24 0.00	20.69 1.12 0.00	19.96 1.08 0.00	20.66 1.15 0.00	22.46 1.13 0.00	28.93 1.30 0.00	32.48 1.66 0.00	33.23 1.94 0.00	32.78 2.17 0.00	34.60 2.32 0.00	33.75 2.38 0.00	34.28 2.42 0.00	33.72 2.32 0.00	33.28 2.78 0.00	33.75 2.64 0.00	38.14 2.86 0.00	45.47 3.25 0.00	48.10 3.15 0.00	46.55 3.05 0.00	44.71 2.89 0.00	40.07 2.34 0.00	33.74 2.35 0.00	29.50 1.98 0.00
KIAC_JFK____ 323774	24.90 1.39 0.00	20.98 1.24 0.00	20.69 1.11 0.00	19.96 1.08 0.00	20.66 1.15 0.00	22.46 1.13 0.00	28.90 1.27 0.00	32.48 1.66 0.00	33.05 1.75 0.00	32.78 2.17 0.00	34.60 2.32 0.00	33.75 2.38 0.00	34.27 2.42 0.00	33.72 2.32 0.00	33.28 2.78 0.00	33.75 2.64 0.00	38.11 2.82 0.00	45.47 3.25 0.00	48.15 3.19 0.00	46.55 3.04 0.00	44.71 2.88 0.00	39.99 2.26 0.00	33.67 2.29 0.00	29.50 1.98 0.00
KINTIGH__24_KV_GSU 356498	23.14 -0.38 0.00	19.03 -0.71 0.00	18.81 -0.76 0.00	18.17 -0.72 0.00	18.67 -0.84 0.00	20.42 -0.92 0.00	26.28 -1.35 0.00	29.06 -1.76 0.00	29.57 -1.72 0.00	28.68 -1.93 0.00	29.85 -2.42 0.00	28.65 -2.41 0.30	29.07 -2.29 0.49	27.86 -2.17 1.37	26.70 -2.35 1.46	27.57 -2.21 1.33	29.94 -2.50 2.84	36.13 -2.70 3.38	40.77 -2.88 1.31	40.51 -3.00 0.00	39.61 -2.22 0.00	35.69 -2.04 0.00	30.32 -1.07 0.00	26.53 -0.99 0.00
KINTIGH____ 23543	23.12 -0.40 0.00	19.03 -0.71 0.00	18.79 -0.78 0.00	18.17 -0.72 0.00	18.67 -0.84 0.00	20.41 -0.92 0.00	26.14 -1.49 0.00	29.06 -1.76 0.00	29.57 -1.72 0.00	28.68 -1.93 0.00	29.85 -2.42 0.00	28.65 -2.42 0.30	29.07 -2.29 0.49	27.83 -2.20 1.37	26.67 -2.38 1.46	27.54 -2.24 1.33	29.84 -2.61 2.84	36.13 -2.70 3.38	40.77 -2.88 1.31	40.51 -3.00 0.00	39.61 -2.22 0.00	35.39 -2.34 0.00	30.13 -1.26 0.00	26.52 -0.99 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.02 -0.49 0.00	19.30 -0.43 0.00	19.20 -0.37 0.00	18.55 -0.34 0.00	19.14 -0.37 0.00	21.10 -0.23 0.00	27.60 -0.03 0.00	31.07 0.25 0.00	31.64 0.34 0.00	30.88 0.28 0.00	32.69 0.42 0.00	31.71 0.35 0.00	32.17 0.32 0.00	31.62 0.22 0.00	30.53 0.03 0.00	31.01 -0.09 0.00	35.25 -0.04 0.00	42.17 -0.04 0.00	45.27 0.31 0.00	43.46 -0.04 0.00	41.95 0.13 0.00	37.77 0.04 0.00	31.04 -0.35 0.00	26.96 -0.55 0.00
LACHUTE____HYDRO 323717	25.96 2.45 0.00	21.75 2.01 0.00	21.41 1.84 0.00	20.59 1.70 0.00	21.27 1.76 0.00	23.55 2.22 0.00	30.17 2.54 0.00	33.72 2.90 0.00	39.38 3.13 -4.96	41.03 2.85 -7.58	41.53 3.10 -6.15	34.47 3.11 0.00	34.85 2.99 0.00	34.47 3.08 0.00	33.46 2.96 0.00	34.19 3.08 0.00	38.35 3.07 0.00	45.97 3.76 0.00	49.05 4.09 0.00	48.17 4.66 0.00	46.43 4.60 0.00	41.84 4.11 0.00	34.90 3.51 0.00	30.57 3.05 0.00
LAWRNCV_115KV_TB1 80681	22.84 -0.68 0.00	19.17 -0.57 0.00	19.04 -0.53 0.00	18.40 -0.49 0.00	19.01 -0.51 0.00	20.97 -0.36 0.00	27.46 -0.17 0.00	30.82 0.00 0.00	31.26 -0.03 0.00	30.42 -0.18 0.00	32.14 -0.13 0.00	31.18 -0.19 0.00	31.35 -0.51 0.00	30.83 -0.57 0.00	29.80 -0.70 0.00	30.33 -0.78 0.00	34.68 -0.60 0.00	41.54 -0.68 0.00	44.69 -0.27 0.00	42.90 -0.61 0.00	41.28 -0.54 0.00	37.24 -0.49 0.00	30.88 -0.50 0.00	26.80 -0.72 0.00
LEDERLE____ 23769	25.00 1.48 0.00	21.04 1.30 0.00	20.76 1.19 0.00	20.04 1.15 0.00	20.74 1.23 0.00	22.55 1.22 0.00	28.96 1.33 0.00	32.42 1.60 0.00	33.05 1.75 0.00	32.53 1.93 0.00	34.34 2.07 0.00	33.50 2.13 0.00	34.02 2.17 0.00	33.62 2.23 0.00	32.98 2.47 0.00	33.60 2.49 0.00	38.00 2.72 0.00	45.38 3.17 0.00	48.10 3.15 0.00	46.55 3.05 0.00	44.75 2.93 0.00	40.07 2.34 0.00	33.58 2.20 0.00	29.41 1.90 0.00
LIGHTHSE_115KV_TB6 355974	23.61 0.09 0.00	19.80 0.06 0.00	19.59 0.02 0.00	18.89 0.00 0.00	19.51 0.00 0.00	21.35 0.02 0.00	27.66 0.03 0.00	30.73 -0.09 0.00	31.11 -0.19 0.00	30.30 -0.31 0.00	31.82 -0.45 0.00	30.93 -0.44 0.00	31.38 -0.48 0.00	30.96 -0.44 0.00	29.99 -0.52 0.00	30.58 -0.53 0.00	34.68 -0.60 0.00	41.71 -0.51 0.00	44.78 -0.18 0.00	43.46 -0.04 0.00	42.03 0.21 0.00	37.77 0.04 0.00	31.35 -0.03 0.00	27.52 0.00 0.00
LINDEN COGEN____ 23786	24.93 1.41 0.00	21.04 1.30 0.00	20.74 1.17 0.00	20.02 1.13 0.00	20.74 1.23 0.00	22.48 1.15 0.00	28.87 1.24 0.00	32.42 1.60 0.00	33.14 1.85 0.00	32.65 2.05 0.00	34.47 2.20 0.00	33.62 2.26 0.00	34.15 2.29 0.00	33.78 2.38 0.00	33.19 2.69 0.00	33.81 2.70 0.00	38.18 2.89 0.00	45.42 3.21 0.00	48.15 3.19 0.00	46.55 3.04 0.00	44.67 2.85 0.00	40.03 2.30 0.00	33.58 2.20 0.00	29.47 1.95 0.00
LINDHRST_69_KV_BK1 356055	25.71 2.19 -0.01	23.78 1.93 -2.11	21.56 1.82 -0.17	20.81 1.76 -0.16	21.45 1.85 -0.08	23.24 1.90 -0.01	29.77 2.13 -0.01	33.36 2.53 -0.01	33.99 2.69 -0.01	33.40 2.78 -0.01	36.78 2.90 -1.61	36.09 2.95 -1.77	36.74 2.96 -1.92	36.72 3.01 -2.31	36.91 3.20 -3.20	37.58 3.20 -3.27	38.72 3.42 -0.01	46.32 4.09 -0.01	49.11 4.14 -0.01	47.65 4.13 -0.01	45.63 3.81 0.00	40.75 3.02 0.00	38.43 3.01 -4.04	32.56 2.67 -2.38
LIPA_MISC_IPP 23656	25.52 2.00 -0.01	23.71 1.91 -2.06	22.90 1.82 -1.50	22.10 1.76 -1.45	22.06 1.85 -0.69	23.20 1.86 -0.01	29.46 1.82 -0.01	33.17 2.34 -0.01	33.84 2.53 -0.01	33.15 2.54 -0.01	36.47 2.68 -1.52	35.70 2.67 -1.67	36.34 2.68 -1.81	36.27 2.70 -2.18	36.39 2.87 -3.02	37.06 2.86 -3.09	38.29 3.00 -0.01	45.88 3.59 -0.08	48.63 3.60 -0.08	47.13 3.61 -0.01	45.00 3.18 0.00	40.18 2.45 0.00	35.95 2.57 -2.00	32.04 2.28 -2.24
LISF____SOLAR 323691	25.55 2.02 -0.01	23.73 1.94 -2.06	22.94 1.84 -1.53	22.14 1.77 -1.47	22.11 1.89 -0.70	23.26 1.92 -0.01	29.46 1.82 -0.01	33.20 2.37 -0.01	33.90 2.60 -0.01	33.18 2.57 -0.01	36.50 2.71 -1.52	35.74 2.70 -1.67	36.41 2.74 -1.81	36.28 2.70 -2.18	36.42 2.90 -3.02	37.12 2.92 -3.09	38.29 3.00 -0.01	45.96 3.67 -0.08	48.72 3.69 -0.08	47.21 3.70 -0.01	45.13 3.30 0.00	40.07 2.34 0.00	36.00 2.60 -2.02	32.10 2.34 -2.24
LITTLE FALLS____HYD 24013	23.07 -0.45 0.00	19.38 -0.36 0.00	19.26 -0.31 0.00	18.60 -0.28 0.00	19.28 -0.23 0.00	21.14 -0.19 0.00	27.38 -0.25 0.00	30.63 -0.18 0.00	31.11 -0.19 0.00	30.45 -0.15 0.00	32.11 -0.16 0.00	31.18 -0.19 0.00	31.66 -0.19 0.00	31.14 -0.25 0.00	30.26 -0.24 0.00	30.80 -0.31 0.00	34.83 -0.46 0.00	41.71 -0.51 0.00	44.42 -0.54 0.00	43.07 -0.44 0.00	41.49 -0.33 0.00	37.47 -0.26 0.00	31.16 -0.22 0.00	27.35 -0.17 0.00

LITTLRIV_115KV_TB1 356100	23.07 -0.45 0.00	19.36 -0.38 0.00	19.26 -0.31 0.00	18.60 -0.28 0.00	19.22 -0.29 0.00	21.25 -0.09 0.00	27.82 0.19 0.00	31.25 0.43 0.00	31.64 0.34 0.00	30.73 0.12 0.00	32.47 0.19 0.00	31.43 0.06 0.00	31.66 -0.19 0.00	31.11 -0.28 0.00	30.08 -0.43 0.00	30.61 -0.50 0.00	35.04 -0.25 0.00	42.05 -0.17 0.00	45.32 0.36 0.00	43.59 0.09 0.00	41.99 0.17 0.00	37.92 0.19 0.00	31.29 -0.09 0.00	27.10 -0.41 0.00
LI_NEWBRDGE___DRP 323616	25.24 1.72 -0.01	23.22 1.56 -1.92	21.05 1.47 -0.01	20.29 1.40 -0.01	21.02 1.50 -0.01	22.83 1.49 -0.01	29.27 1.63 -0.01	32.77 1.94 -0.01	33.40 2.10 -0.01	32.85 2.23 -0.01	36.03 2.29 -1.47	35.33 2.35 -1.62	35.96 2.36 -1.75	35.92 2.42 -2.11	36.05 2.62 -2.92	36.67 2.58 -2.99	38.08 2.79 -0.01	45.56 3.33 -0.01	48.25 3.28 -0.01	46.78 3.26 -0.01	44.79 2.97 0.00	40.07 2.34 0.00	34.69 2.39 -0.92	31.83 2.15 -2.17
LOCKPORT_115KV_TB60_63_64 80432	23.24 -0.28 0.00	19.05 -0.69 0.00	18.81 -0.76 0.00	18.13 -0.76 0.00	18.67 -0.84 0.00	20.37 -0.96 0.00	25.95 -1.69 0.00	28.91 -1.91 0.00	29.42 -1.88 0.00	28.46 -2.14 0.00	29.53 -2.74 0.00	28.46 -2.45 0.45	28.84 -2.29 0.72	27.14 -2.20 2.06	25.81 -2.50 2.19	26.78 -2.33 1.99	28.25 -2.75 4.28	34.43 -2.87 4.92	39.89 -3.10 1.97	40.11 -3.39 0.00	39.40 -2.43 0.00	35.13 -2.60 0.00	30.10 -1.29 0.00	26.44 -1.07 0.00
LOCKPORT___CC1 323769	23.24 -0.28 0.00	19.03 -0.71 0.00	18.73 -0.84 0.00	18.11 -0.78 0.00	18.65 -0.86 0.00	20.35 -0.98 0.00	26.11 -1.52 0.00	28.91 -1.91 0.00	29.42 -1.88 0.00	28.46 -2.14 0.00	29.50 -2.78 0.00	28.35 -2.51 0.51	28.66 -2.39 0.80	26.84 -2.26 2.29	25.51 -2.56 2.44	26.47 -2.43 2.21	27.78 -2.75 4.76	33.72 -3.00 5.50	39.53 -3.24 2.19	40.07 -3.44 0.00	39.36 -2.47 0.00	35.47 -2.26 0.00	30.28 -1.10 0.00	26.44 -1.07 0.00
LOCKPORT___CC2 323770	23.24 -0.28 0.00	19.03 -0.71 0.00	18.73 -0.84 0.00	18.11 -0.78 0.00	18.65 -0.86 0.00	20.35 -0.98 0.00	26.11 -1.52 0.00	28.91 -1.91 0.00	29.42 -1.88 0.00	28.46 -2.14 0.00	29.50 -2.78 0.00	28.35 -2.51 0.51	28.66 -2.39 0.80	26.84 -2.26 2.29	25.51 -2.56 2.44	26.47 -2.43 2.21	27.78 -2.75 4.76	33.72 -3.00 5.50	39.53 -3.24 2.19	40.07 -3.44 0.00	39.36 -2.47 0.00	35.47 -2.26 0.00	30.28 -1.10 0.00	26.44 -1.07 0.00
LOCKPORT___CC3 323771	23.24 -0.28 0.00	19.03 -0.71 0.00	18.73 -0.84 0.00	18.11 -0.78 0.00	18.65 -0.86 0.00	20.35 -0.98 0.00	26.11 -1.52 0.00	28.91 -1.91 0.00	29.42 -1.88 0.00	28.46 -2.14 0.00	29.50 -2.78 0.00	28.35 -2.51 0.51	28.66 -2.39 0.80	26.84 -2.26 2.29	25.51 -2.56 2.44	26.47 -2.43 2.21	27.78 -2.75 4.76	33.72 -3.00 5.50	39.53 -3.24 2.19	40.07 -3.44 0.00	39.36 -2.47 0.00	35.47 -2.26 0.00	30.28 -1.10 0.00	26.44 -1.07 0.00
LOCUSVLY_69_KV_BK2 55797	25.46 1.93 -0.01	23.94 1.76 -2.45	21.27 1.64 -0.06	20.53 1.59 -0.06	21.22 1.68 -0.03	22.99 1.64 -0.01	29.49 1.85 -0.01	33.05 2.22 -0.01	33.68 2.38 -0.01	33.15 2.54 -0.01	36.82 2.68 -1.87	36.15 2.73 -2.06	36.83 2.74 -2.23	36.90 2.83 -2.68	37.27 3.05 -3.72	37.96 3.05 -3.80	38.54 3.25 -0.01	45.98 3.76 -0.01	48.74 3.78 -0.01	47.13 3.61 -0.01	45.17 3.35 0.00	40.52 2.79 0.00	40.79 2.76 -6.65	32.73 2.45 -2.76
LONG_LAKE_PHOENIX 24014	23.28 -0.24 0.00	19.52 -0.22 0.00	19.32 -0.25 0.00	18.64 -0.25 0.00	19.24 -0.27 0.00	21.03 -0.30 0.00	27.22 -0.41 0.00	30.14 -0.68 0.00	30.57 -0.72 0.00	29.87 -0.73 0.00	31.43 -0.84 0.00	30.52 -0.85 0.00	31.03 -0.83 0.00	30.58 -0.82 0.00	29.65 -0.85 0.00	30.30 -0.81 0.00	34.30 -0.99 0.00	41.16 -1.06 0.00	43.92 -1.03 0.00	42.55 -0.96 0.00	41.11 -0.71 0.00	36.98 -0.75 0.00	30.79 -0.60 0.00	27.07 -0.44 0.00
LOVETT___3 23632	24.91 1.39 0.00	20.96 1.22 0.00	20.71 1.14 0.00	19.98 1.10 0.00	20.66 1.15 0.00	22.46 1.13 0.00	28.87 1.24 0.00	32.33 1.51 0.00	32.98 1.69 0.00	32.47 1.87 0.00	34.27 2.00 0.00	33.37 2.01 0.00	33.93 2.07 0.00	33.53 2.13 0.00	32.88 2.38 0.00	33.50 2.40 0.00	37.86 2.58 0.00	45.17 2.96 0.00	47.88 2.92 0.00	46.34 2.83 0.00	44.54 2.72 0.00	39.84 2.11 0.00	33.42 2.04 0.00	29.30 1.79 0.00
LOVETT___4 23642	24.91 1.39 0.00	20.96 1.22 0.00	20.71 1.14 0.00	19.98 1.10 0.00	20.66 1.15 0.00	22.46 1.13 0.00	28.87 1.24 0.00	32.33 1.51 0.00	32.98 1.69 0.00	32.47 1.87 0.00	34.27 2.00 0.00	33.37 2.01 0.00	33.93 2.07 0.00	33.53 2.13 0.00	32.88 2.38 0.00	33.50 2.40 0.00	37.86 2.58 0.00	45.17 2.96 0.00	47.88 2.92 0.00	46.34 2.83 0.00	44.54 2.72 0.00	39.84 2.11 0.00	33.42 2.04 0.00	29.30 1.79 0.00
LOVETT___5 23593	24.91 1.39 0.00	20.96 1.22 0.00	20.71 1.14 0.00	19.98 1.10 0.00	20.66 1.15 0.00	22.46 1.13 0.00	28.87 1.24 0.00	32.33 1.51 0.00	32.98 1.69 0.00	32.47 1.87 0.00	34.27 2.00 0.00	33.37 2.01 0.00	33.93 2.07 0.00	33.53 2.13 0.00	32.88 2.38 0.00	33.50 2.40 0.00	37.86 2.58 0.00	45.17 2.96 0.00	47.88 2.92 0.00	46.34 2.83 0.00	44.54 2.72 0.00	39.84 2.11 0.00	33.42 2.04 0.00	29.30 1.79 0.00
LOWER RAQUET___HYD 24057	22.79 -0.73 0.00	19.15 -0.59 0.00	19.02 -0.55 0.00	18.38 -0.51 0.00	18.99 -0.53 0.00	20.93 -0.41 0.00	27.44 -0.19 0.00	30.82 0.00 0.00	31.23 -0.06 0.00	30.39 -0.21 0.00	32.11 -0.16 0.00	31.11 -0.25 0.00	31.22 -0.64 0.00	30.70 -0.69 0.00	29.68 -0.82 0.00	30.20 -0.90 0.00	34.54 -0.74 0.00	41.41 -0.80 0.00	44.59 -0.36 0.00	42.86 -0.65 0.00	41.20 -0.63 0.00	37.13 -0.61 0.00	30.85 -0.53 0.00	26.77 -0.74 0.00
LOWER___HUDSON 24059	24.69 1.18 0.00	20.74 1.01 0.00	20.55 0.98 0.00	19.81 0.93 0.00	20.47 0.96 0.00	22.33 1.00 0.00	28.60 0.97 0.00	32.05 1.23 0.00	46.04 1.25 -13.50	52.62 1.38 -20.64	50.44 1.42 -16.75	32.68 1.32 0.00	33.16 1.31 0.00	32.78 1.38 0.00	32.00 1.49 0.00	32.63 1.52 0.00	36.80 1.52 0.00	43.86 1.64 0.00	46.53 1.57 0.00	45.33 1.83 0.00	43.62 1.80 0.00	39.20 1.47 0.00	32.83 1.44 0.00	28.92 1.40 0.00
LOWVILLE_115KV_TB2 356335	23.71 0.19 0.00	19.90 0.16 0.00	19.69 0.12 0.00	18.98 0.09 0.00	19.65 0.14 0.00	21.61 0.28 0.00	28.29 0.66 0.00	31.62 0.80 0.00	31.95 0.66 0.00	31.00 0.40 0.00	32.21 -0.06 0.00	31.24 -0.13 0.00	31.63 -0.22 0.00	31.21 -0.19 0.00	30.23 -0.27 0.00	30.86 -0.25 0.00	35.07 -0.21 0.00	42.21 0.00 0.00	45.99 1.03 0.00	44.64 1.13 0.00	43.16 1.34 0.00	38.37 0.64 0.00	31.76 0.38 0.00	27.74 0.22 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.95 1.43 0.00	20.94 1.20 0.00	20.73 1.15 0.00	19.96 1.08 0.00	20.62 1.11 0.00	22.57 1.24 0.00	28.98 1.35 0.00	32.39 1.57 0.00	38.61 1.66 -5.66	40.91 1.65 -8.65	41.03 1.74 -7.02	33.06 1.69 0.00	33.51 1.66 0.00	33.12 1.73 0.00	32.24 1.74 0.00	32.91 1.80 0.00	37.08 1.80 0.00	44.28 2.07 0.00	47.07 2.11 0.00	45.90 2.39 0.00	44.21 2.38 0.00	39.81 2.08 0.00	33.27 1.88 0.00	29.25 1.73 0.00

LUTHERNY_35_KV_BK2 355980	24.95 1.43 0.00	20.96 1.22 0.00	20.73 1.15 0.00	19.98 1.10 0.00	20.64 1.13 0.00	22.59 1.26 0.00	28.98 1.35 0.00	32.42 1.60 0.00	38.64 1.69 -5.66	40.91 1.65 -8.65	41.03 1.74 -7.02	33.09 1.73 0.00	33.54 1.69 0.00	33.12 1.73 0.00	32.27 1.77 0.00	32.91 1.80 0.00	37.12 1.83 0.00	44.33 2.11 0.00	47.11 2.16 0.00	45.94 2.44 0.00	44.25 2.43 0.00	39.84 2.11 0.00	33.30 1.91 0.00	29.28 1.76 0.00
LWR___OSWEGATCHIE_HYD 23850	23.38 -0.14 0.00	19.62 -0.12 0.00	19.43 -0.14 0.00	18.76 -0.13 0.00	19.40 -0.12 0.00	21.37 0.04 0.00	27.93 0.30 0.00	31.28 0.46 0.00	31.58 0.28 0.00	30.63 0.03 0.00	32.05 -0.23 0.00	31.05 -0.31 0.00	31.38 -0.48 0.00	30.89 -0.50 0.00	29.89 -0.61 0.00	30.52 -0.59 0.00	34.76 -0.53 0.00	41.79 -0.42 0.00	45.36 0.40 0.00	43.90 0.39 0.00	42.41 0.59 0.00	37.92 0.19 0.00	31.45 0.06 0.00	27.38 -0.14 0.00
LYONS_FALL_HYD 23570	23.82 0.30 0.00	19.99 0.26 0.00	19.79 0.22 0.00	19.08 0.19 0.00	19.75 0.23 0.00	21.67 0.34 0.00	28.27 0.64 0.00	31.56 0.74 0.00	31.95 0.66 0.00	31.06 0.46 0.00	32.43 0.16 0.00	31.49 0.13 0.00	31.92 0.06 0.00	31.49 0.09 0.00	30.53 0.03 0.00	31.17 0.06 0.00	35.39 0.11 0.00	42.51 0.30 0.00	45.99 1.03 0.00	44.60 1.09 0.00	43.08 1.25 0.00	38.49 0.75 0.00	31.92 0.53 0.00	27.87 0.36 0.00
MADISON___COUNTY_LFGE 323628	24.18 0.66 0.00	20.27 0.53 0.00	20.06 0.49 0.00	19.34 0.45 0.00	20.00 0.49 0.00	21.93 0.60 0.00	28.32 0.69 0.00	31.62 0.80 0.00	32.05 0.75 0.00	31.22 0.61 0.00	32.82 0.55 0.00	31.87 0.50 0.00	32.36 0.51 0.00	31.93 0.53 0.00	30.96 0.46 0.00	31.64 0.53 0.00	35.85 0.56 0.00	43.06 0.84 0.00	46.12 1.17 0.00	44.77 1.26 0.00	43.25 1.42 0.00	38.86 1.13 0.00	32.26 0.88 0.00	28.26 0.74 0.00
MALONE___115KV_TB1 356076	22.98 -0.54 0.00	19.25 -0.49 0.00	19.14 -0.43 0.00	18.49 -0.40 0.00	19.10 -0.41 0.00	21.03 -0.30 0.00	27.55 -0.08 0.00	31.00 0.18 0.00	31.61 0.31 0.00	30.88 0.28 0.00	32.69 0.42 0.00	31.71 0.35 0.00	32.17 0.32 0.00	31.62 0.22 0.00	30.53 0.03 0.00	31.01 -0.09 0.00	35.21 -0.07 0.00	42.09 -0.13 0.00	45.14 0.18 0.00	43.42 -0.09 0.00	41.83 0.00 0.00	37.73 0.00 0.00	31.01 -0.38 0.00	26.91 -0.61 0.00
MAPLEWOD_115KV_TB3 80458	24.53 1.01 0.00	20.65 0.91 0.00	20.45 0.88 0.00	19.72 0.83 0.00	20.35 0.84 0.00	22.21 0.87 0.00	28.46 0.83 0.00	31.84 1.02 0.00	23.80 0.84 8.34	18.86 1.01 12.75	22.96 1.03 10.35	32.37 1.00 0.00	32.87 1.02 0.00	32.49 1.10 0.00	31.72 1.22 0.00	32.35 1.24 0.00	36.52 1.23 0.00	43.44 1.22 0.00	46.12 1.17 0.00	44.90 1.39 0.00	43.21 1.38 0.00	38.90 1.17 0.00	32.54 1.16 0.00	28.75 1.24 0.00
MAPLE_RIDGE_WT_1 323574	22.91 -0.61 0.00	19.23 -0.51 0.00	19.08 -0.49 0.00	18.43 -0.45 0.00	19.10 -0.41 0.00	20.95 -0.38 0.00	27.24 -0.39 0.00	30.45 -0.37 0.00	30.95 -0.34 0.00	30.27 -0.34 0.00	31.89 -0.39 0.00	30.96 -0.41 0.00	31.41 -0.45 0.00	30.89 -0.50 0.00	29.96 -0.55 0.00	30.51 -0.59 0.00	34.65 -0.63 0.00	41.50 -0.72 0.00	44.33 -0.63 0.00	42.90 -0.61 0.00	41.20 -0.63 0.00	37.13 -0.61 0.00	30.79 -0.60 0.00	26.94 -0.58 0.00
MAPLE_RIDGE_WT_2 323611	22.91 -0.61 0.00	19.23 -0.51 0.00	19.08 -0.49 0.00	18.43 -0.45 0.00	19.10 -0.41 0.00	20.95 -0.38 0.00	27.24 -0.39 0.00	30.45 -0.37 0.00	30.95 -0.34 0.00	30.27 -0.34 0.00	31.89 -0.39 0.00	30.96 -0.41 0.00	31.41 -0.45 0.00	30.89 -0.50 0.00	29.96 -0.55 0.00	30.51 -0.59 0.00	34.65 -0.63 0.00	41.50 -0.72 0.00	44.33 -0.63 0.00	42.90 -0.61 0.00	41.20 -0.63 0.00	37.13 -0.61 0.00	30.79 -0.60 0.00	26.94 -0.58 0.00
MARBLE_RIVER_WT_PWR 323696	22.67 -0.85 0.00	19.03 -0.71 0.00	18.91 -0.67 0.00	18.25 -0.64 0.00	18.85 -0.66 0.00	20.73 -0.60 0.00	27.19 -0.44 0.00	30.57 -0.25 0.00	31.17 -0.12 0.00	30.45 -0.15 0.00	32.24 -0.03 0.00	31.27 -0.09 0.00	31.70 -0.16 0.00	31.14 -0.25 0.00	30.08 -0.43 0.00	30.55 -0.56 0.00	34.68 -0.60 0.00	41.46 -0.76 0.00	44.33 -0.63 0.00	42.64 -0.87 0.00	40.94 -0.88 0.00	36.98 -0.75 0.00	30.50 -0.88 0.00	26.55 -0.96 0.00
MARSHVLE_115KV_TB1 80742	25.35 1.83 0.00	21.26 1.52 0.00	21.02 1.45 0.00	20.25 1.36 0.00	20.94 1.42 0.00	23.02 1.69 0.00	29.59 1.96 0.00	32.95 2.13 0.00	33.80 2.50 0.00	32.78 2.17 0.00	34.53 2.26 0.00	33.34 1.98 0.00	33.61 1.75 0.00	33.19 1.79 0.00	32.18 1.68 0.00	32.82 1.71 0.00	37.05 1.76 0.00	44.41 2.20 0.00	47.56 2.61 0.00	46.81 3.31 0.00	45.34 3.51 0.00	40.83 3.09 0.00	34.02 2.64 0.00	29.74 2.23 0.00
MARSH_HILL_WT_PWR 323713	23.56 0.05 0.00	19.54 -0.20 0.00	19.32 -0.25 0.00	18.72 -0.17 0.00	19.28 -0.23 0.00	21.12 -0.21 0.00	27.22 -0.41 0.00	30.20 -0.62 0.00	30.61 -0.69 0.00	29.65 -0.95 0.00	30.72 -1.55 0.00	31.65 -1.76 -2.04	33.36 -1.75 -3.26	38.87 -1.73 -9.20	38.14 -2.14 -9.77	37.83 -2.15 -8.87	51.74 -2.54 -19.00	62.01 -2.66 -22.46	51.26 -2.47 -8.77	41.81 -1.70 0.00	41.07 -0.75 0.00	37.05 -0.68 0.00	31.17 -0.22 0.00	27.13 -0.39 0.00
MCINTYRE_115KV_TB2 80467	23.19 -0.33 0.00	19.46 -0.28 0.00	19.36 -0.22 0.00	18.70 -0.19 0.00	19.34 -0.18 0.00	21.37 0.04 0.00	27.96 0.33 0.00	31.37 0.55 0.00	31.76 0.47 0.00	30.82 0.21 0.00	32.60 0.32 0.00	31.55 0.19 0.00	31.89 0.03 0.00	31.33 -0.06 0.00	30.26 -0.24 0.00	30.83 -0.28 0.00	35.32 0.04 0.00	42.38 0.17 0.00	45.72 0.76 0.00	43.99 0.48 0.00	42.37 0.54 0.00	38.33 0.60 0.00	31.48 0.09 0.00	27.27 -0.25 0.00
MECO_____69_KV_BK1 80468	25.56 2.05 0.00	21.42 1.68 0.00	21.16 1.59 0.00	20.38 1.49 0.00	21.07 1.56 0.00	23.21 1.88 0.00	29.84 2.21 0.00	33.29 2.47 0.00	34.02 2.72 0.00	33.02 2.42 0.00	34.79 2.52 0.00	33.65 2.29 0.00	33.99 2.13 0.00	33.56 2.17 0.00	32.58 2.07 0.00	33.28 2.18 0.00	37.61 2.33 0.00	45.09 2.87 0.00	48.24 3.28 0.00	47.38 3.87 0.00	45.76 3.93 0.00	41.13 3.40 0.00	34.30 2.92 0.00	29.96 2.45 0.00
MENANDS___115KV_TB5 355628	24.43 0.92 0.00	20.59 0.85 0.00	20.39 0.82 0.00	19.66 0.77 0.00	20.29 0.78 0.00	22.12 0.79 0.00	28.32 0.69 0.00	31.71 0.89 0.00	23.36 0.69 8.63	18.30 0.89 13.19	22.44 0.87 10.70	32.21 0.85 0.00	32.72 0.86 0.00	32.34 0.94 0.00	31.57 1.07 0.00	32.20 1.09 0.00	36.34 1.06 0.00	43.19 0.97 0.00	45.86 0.90 0.00	44.60 1.09 0.00	42.91 1.09 0.00	38.67 0.94 0.00	32.36 0.97 0.00	28.62 1.10 0.00
MG INDUSTRY___DRP 24185	24.32 0.80 0.00	20.47 0.73 0.00	20.29 0.72 0.00	19.57 0.68 0.00	20.21 0.70 0.00	22.01 0.68 0.00	28.24 0.61 0.00	31.56 0.74 0.00	27.57 0.63 4.35	24.66 0.70 6.65	27.55 0.68 5.40	32.02 0.66 0.00	32.49 0.64 0.00	32.09 0.69 0.00	31.27 0.76 0.00	31.88 0.78 0.00	36.06 0.78 0.00	42.97 0.76 0.00	45.72 0.76 0.00	44.51 1.00 0.00	42.83 1.00 0.00	38.60 0.87 0.00	32.29 0.91 0.00	28.48 0.96 0.00

MID___OSWEGATCHIE_HYD 23849	23.38 -0.14 0.00	19.62 -0.12 0.00	19.43 -0.14 0.00	18.76 -0.13 0.00	19.40 -0.12 0.00	21.37 0.04 0.00	27.93 0.30 0.00	31.28 0.46 0.00	31.58 0.28 0.00	30.63 0.03 0.00	32.05 -0.23 0.00	31.05 -0.31 0.00	31.38 -0.48 0.00	30.89 -0.50 0.00	29.89 -0.61 0.00	30.52 -0.59 0.00	34.76 -0.53 0.00	41.79 -0.42 0.00	45.36 0.40 0.00	43.90 0.39 0.00	42.41 0.59 0.00	37.92 0.19 0.00	31.45 0.06 0.00	27.38 -0.14 0.00
MID___RAQUETTE_HYD 23851	22.79 -0.73 0.00	19.15 -0.59 0.00	19.02 -0.55 0.00	18.38 -0.51 0.00	18.99 -0.53 0.00	20.95 -0.38 0.00	27.46 -0.17 0.00	30.82 0.00 0.00	31.23 -0.06 0.00	30.39 -0.21 0.00	32.11 -0.16 0.00	31.11 -0.25 0.00	31.22 -0.64 0.00	30.70 -0.69 0.00	29.68 -0.82 0.00	30.20 -0.90 0.00	34.54 -0.74 0.00	41.41 -0.80 0.00	44.60 -0.36 0.00	42.85 -0.65 0.00	41.20 -0.63 0.00	37.17 -0.57 0.00	30.85 -0.53 0.00	26.77 -0.74 0.00
MILLIKEN___1 23584	24.06 0.54 0.00	20.15 0.41 0.00	19.92 0.35 0.00	19.23 0.34 0.00	19.82 0.31 0.00	21.69 0.36 0.00	28.04 0.41 0.00	31.19 0.37 0.00	31.61 0.31 0.00	30.82 0.21 0.00	32.34 0.06 0.00	31.49 -0.03 -0.15	32.07 -0.03 -0.24	32.08 0.00 -0.69	31.11 -0.12 -0.73	31.73 -0.03 -0.66	36.63 -0.07 -1.41	44.09 0.21 -1.67	46.01 0.40 -0.65	44.12 0.61 0.00	42.75 0.92 0.00	38.37 0.64 0.00	31.95 0.56 0.00	28.01 0.50 0.00
MILLIKEN___2 23585	24.06 0.54 0.00	20.15 0.41 0.00	19.92 0.35 0.00	19.23 0.34 0.00	19.82 0.31 0.00	21.69 0.36 0.00	28.04 0.41 0.00	31.19 0.37 0.00	31.61 0.31 0.00	30.82 0.21 0.00	32.34 0.06 0.00	31.49 -0.03 -0.15	32.07 -0.03 -0.24	32.08 0.00 -0.69	31.11 -0.12 -0.73	31.73 -0.03 -0.66	36.63 -0.07 -1.41	44.09 0.21 -1.67	46.01 0.40 -0.65	44.12 0.61 0.00	42.75 0.92 0.00	38.37 0.64 0.00	31.95 0.56 0.00	28.01 0.50 0.00
MILLIKEN___DIESEL 23629	24.06 0.54 0.00	20.15 0.41 0.00	19.92 0.35 0.00	19.23 0.34 0.00	19.82 0.31 0.00	21.69 0.36 0.00	28.04 0.41 0.00	31.19 0.37 0.00	31.61 0.31 0.00	30.82 0.21 0.00	32.34 0.06 0.00	31.49 -0.03 -0.15	32.07 -0.03 -0.24	32.08 0.00 -0.69	31.11 -0.12 -0.73	31.73 -0.03 -0.66	36.63 -0.07 -1.41	44.09 0.21 -1.67	46.01 0.40 -0.65	44.12 0.61 0.00	42.75 0.92 0.00	38.37 0.64 0.00	31.95 0.56 0.00	28.01 0.50 0.00
MILLSEAT___LFGE 323607	23.64 0.12 0.00	19.44 -0.30 0.00	19.14 -0.43 0.00	18.49 -0.40 0.00	19.06 -0.45 0.00	20.78 -0.55 0.00	26.66 -0.97 0.00	30.14 -0.68 0.00	30.61 -0.69 0.00	29.56 -1.04 0.00	30.82 -1.45 0.00	29.70 -1.35 0.32	30.21 -1.15 0.50	28.85 -1.10 1.44	27.54 -1.43 1.53	28.56 -1.15 1.39	30.81 -1.48 2.99	37.46 -1.31 3.44	42.32 -1.26 1.38	42.07 -1.43 0.00	41.58 -0.25 0.00	37.28 -0.45 0.00	31.54 0.16 0.00	27.49 -0.03 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.98 1.46 0.00	21.02 1.28 0.00	20.76 1.19 0.00	20.04 1.15 0.00	20.74 1.23 0.00	22.55 1.22 0.00	28.96 1.33 0.00	32.45 1.63 0.00	33.11 1.82 0.00	32.59 1.99 0.00	34.40 2.13 0.00	33.50 2.13 0.00	34.02 2.17 0.00	33.62 2.23 0.00	32.98 2.47 0.00	33.60 2.49 0.00	37.97 2.68 0.00	45.25 3.04 0.00	47.97 3.01 0.00	46.42 2.92 0.00	44.63 2.80 0.00	40.00 2.26 0.00	33.55 2.17 0.00	29.41 1.90 0.00
MILLWOOD_13_KV_LOAD 356217	25.05 1.53 0.00	21.08 1.34 0.00	20.80 1.23 0.00	20.10 1.21 0.00	20.80 1.29 0.00	22.61 1.28 0.00	29.09 1.46 0.00	32.64 1.82 0.00	33.30 2.00 0.00	32.78 2.17 0.00	34.60 2.32 0.00	33.62 2.26 0.00	34.12 2.26 0.00	33.75 2.35 0.00	33.07 2.56 0.00	33.69 2.58 0.00	38.11 2.82 0.00	45.42 3.21 0.00	48.15 3.19 0.00	46.60 3.09 0.00	44.79 2.97 0.00	40.11 2.38 0.00	33.61 2.23 0.00	29.47 1.95 0.00
MODEL_CITY_ENERGY 24167	23.09 -0.42 0.00	18.91 -0.83 0.00	18.57 -1.00 0.00	17.96 -0.93 0.00	18.54 -0.98 0.00	20.35 -0.98 0.00	26.11 -1.52 0.00	28.88 -1.94 0.00	29.42 -1.88 0.00	28.43 -2.17 0.00	29.50 -2.78 0.00	28.50 -2.41 0.45	28.81 -2.32 0.72	27.14 -2.20 2.06	25.81 -2.50 2.19	26.75 -2.37 1.99	28.32 -2.68 4.28	34.38 -2.91 4.92	39.89 -3.10 1.97	40.07 -3.44 0.00	39.36 -2.47 0.00	35.47 -2.26 0.00	30.28 -1.10 0.00	26.44 -1.07 0.00
MODERN_LFGE___ 323580	23.09 -0.42 0.00	18.91 -0.83 0.00	18.57 -1.00 0.00	17.96 -0.93 0.00	18.54 -0.98 0.00	20.35 -0.98 0.00	26.11 -1.52 0.00	28.88 -1.94 0.00	29.42 -1.88 0.00	28.43 -2.17 0.00	29.50 -2.78 0.00	28.50 -2.41 0.45	28.81 -2.32 0.72	27.14 -2.20 2.06	25.81 -2.50 2.19	26.75 -2.37 1.99	28.32 -2.68 4.28	34.38 -2.91 4.92	39.89 -3.10 1.97	40.07 -3.44 0.00	39.36 -2.47 0.00	35.47 -2.26 0.00	30.28 -1.10 0.00	26.44 -1.07 0.00
MOHAWK_PAPER___DRP 24187	24.53 1.01 0.00	20.65 0.91 0.00	20.45 0.88 0.00	19.72 0.83 0.00	20.35 0.84 0.00	22.21 0.87 0.00	28.46 0.83 0.00	31.84 1.02 0.00	23.80 0.84 8.34	18.86 1.01 12.75	22.96 1.03 10.35	32.37 1.00 0.00	32.87 1.02 0.00	32.49 1.10 0.00	31.72 1.22 0.00	32.35 1.24 0.00	36.52 1.23 0.00	43.44 1.22 0.00	46.12 1.17 0.00	44.90 1.39 0.00	43.21 1.38 0.00	38.90 1.17 0.00	32.54 1.16 0.00	28.75 1.24 0.00
MOHICAN___35_KV_115KV_LD 80490	25.26 1.74 0.00	21.20 1.46 0.00	20.94 1.37 0.00	20.15 1.27 0.00	20.82 1.31 0.00	22.87 1.54 0.00	29.37 1.74 0.00	32.85 2.03 0.00	38.70 2.16 -5.25	40.68 2.05 -8.03	40.98 2.19 -6.51	33.56 2.20 0.00	33.99 2.13 0.00	33.59 2.20 0.00	32.67 2.17 0.00	33.35 2.24 0.00	37.44 2.15 0.00	44.75 2.53 0.00	47.56 2.61 0.00	46.42 2.92 0.00	44.71 2.89 0.00	40.41 2.68 0.00	33.74 2.35 0.00	29.66 2.15 0.00
MONGAUP___HYD 23641	24.79 1.27 0.00	20.84 1.10 0.00	20.59 1.02 0.00	19.87 0.98 0.00	20.55 1.03 0.00	22.42 1.09 0.00	28.60 0.97 0.00	31.93 1.11 0.00	32.48 1.19 0.00	31.89 1.29 0.00	33.63 1.36 0.00	32.81 1.44 0.00	33.35 1.50 0.00	32.93 1.54 0.00	32.24 1.74 0.00	32.88 1.77 0.00	37.01 1.73 0.00	43.82 1.60 0.00	46.62 1.66 0.00	45.25 1.74 0.00	44.17 2.34 0.00	39.81 2.07 0.00	33.27 1.88 0.00	29.17 1.65 0.00
MONTAUK___DIESEL 23721	26.44 2.92 -0.01	24.48 2.68 -2.06	23.67 2.58 -1.51	22.86 2.51 -1.46	22.82 2.61 -0.70	24.03 2.69 -0.01	30.48 2.85 -0.01	34.37 3.54 -0.01	35.15 3.85 -0.01	34.41 3.79 -0.01	37.70 3.90 -1.52	36.71 3.67 -1.67	37.23 3.57 -1.81	37.00 3.42 -2.18	37.00 3.48 -3.02	37.62 3.42 -3.09	38.75 3.46 -0.01	46.30 4.01 -0.08	49.04 4.00 -0.08	47.43 3.92 -0.01	45.17 3.35 0.00	40.22 2.49 0.00	35.90 2.51 -2.00	32.29 2.53 -2.24
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.26 -0.26 0.00	19.11 -0.63 0.00	18.87 -0.70 0.00	18.25 -0.64 0.00	18.79 -0.72 0.00	20.63 -0.70 0.00	26.44 -1.19 0.00	29.71 -1.11 0.00	30.23 -1.06 0.00	29.32 -1.29 0.00	30.37 -1.90 0.00	29.02 -1.98 0.37	29.17 -2.10 0.58	27.58 -2.17 1.65	26.16 -2.59 1.75	26.96 -2.55 1.60	28.90 -2.96 3.42	35.00 -3.21 4.00	40.10 -3.28 1.58	41.11 -2.39 0.00	40.36 -1.46 0.00	36.00 -1.74 0.00	30.72 -0.66 0.00	26.77 -0.74 0.00

MORRIS_RIDGE___SOLAR 323848	23.40 -0.12 0.00	19.34 -0.39 0.00	19.12 -0.45 0.00	18.51 -0.38 0.00	19.04 -0.47 0.00	20.84 -0.49 0.00	26.77 -0.86 0.00	29.65 -1.17 0.00	30.07 -1.22 0.00	29.13 -1.47 0.00	30.14 -2.13 0.00	25.80 -2.29 3.27	24.34 -2.29 5.22	14.43 -2.20 14.77	12.29 -2.53 15.68	14.34 -2.52 14.24	1.84 -2.93 30.52	2.98 -3.21 36.02	27.72 -3.15 14.09	41.03 -2.48 0.00	40.32 -1.50 0.00	36.41 -1.32 0.00	30.82 -0.56 0.00	26.88 -0.63 0.00
MORTIMER_115KV_TB3 55949	23.52 0.00 0.00	19.50 -0.24 0.00	19.26 -0.31 0.00	18.60 -0.28 0.00	19.14 -0.37 0.00	20.93 -0.41 0.00	26.83 -0.80 0.00	29.89 -0.92 0.00	30.39 -0.91 0.00	29.50 -1.10 0.00	30.92 -1.36 0.00	29.92 -1.44 0.00	30.58 -1.27 0.00	30.14 -1.26 0.00	29.07 -1.43 0.00	29.86 -1.24 0.00	33.70 -1.59 0.00	40.71 -1.52 -0.01	43.43 -1.53 0.00	41.94 -1.57 0.00	41.03 -0.79 0.00	36.64 -1.09 0.00	30.88 -0.50 0.00	27.16 -0.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.09 1.58 0.00	21.14 1.40 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.60 2.32 0.00	33.75 2.38 0.00	34.28 2.42 0.00	33.91 2.51 0.00	33.25 2.75 0.00	33.88 2.77 0.00	38.25 2.96 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.26 2.53 0.00	33.77 2.39 0.00	29.61 2.09 0.00
MUNSVILLE_WIND_PWR 323609	24.79 1.27 0.00	20.78 1.05 0.00	20.57 1.00 0.00	19.85 0.96 0.00	20.57 1.05 0.00	22.68 1.34 0.00	29.32 1.69 0.00	32.79 1.97 0.00	33.27 1.97 0.00	32.16 1.56 0.00	33.76 1.49 0.00	32.73 1.26 -0.11	33.34 1.31 -0.18	33.19 1.29 -0.50	32.07 1.04 -0.53	32.77 1.18 -0.48	37.66 1.34 -1.03	45.50 2.07 -1.22	48.27 2.83 -0.48	46.51 3.00 0.00	45.21 3.39 0.00	40.68 2.94 0.00	33.64 2.26 0.00	29.30 1.79 0.00
N SALMON___HYD 24042	22.98 -0.54 0.00	19.25 -0.49 0.00	19.14 -0.43 0.00	18.49 -0.40 0.00	19.10 -0.41 0.00	21.01 -0.32 0.00	27.55 -0.08 0.00	31.01 0.19 0.00	31.61 0.31 0.00	30.88 0.27 0.00	32.69 0.42 0.00	31.71 0.35 0.00	32.17 0.32 0.00	31.62 0.22 0.00	30.53 0.03 0.00	31.01 -0.09 0.00	35.21 -0.07 0.00	42.09 -0.13 0.00	45.14 0.18 0.00	43.42 -0.09 0.00	41.83 0.00 0.00	37.66 -0.08 0.00	30.97 -0.41 0.00	26.91 -0.61 0.00
N.AKRON__115KV_KNAPP 355671	23.59 0.07 0.00	19.40 -0.34 0.00	19.16 -0.41 0.00	18.45 -0.43 0.00	19.02 -0.49 0.00	20.76 -0.58 0.00	26.44 -1.19 0.00	29.62 -1.20 0.00	30.11 -1.19 0.00	29.10 -1.50 0.00	30.27 -2.00 0.00	29.17 -1.82 0.38	29.63 -1.62 0.60	28.10 -1.57 1.73	26.81 -1.86 1.83	27.79 -1.65 1.67	29.65 -2.05 3.58	36.11 -1.98 4.12	41.24 -2.07 1.65	41.25 -2.26 0.00	40.65 -1.17 0.00	36.18 -1.55 0.00	30.82 -0.56 0.00	27.05 -0.47 0.00
N.E_GEN_SANDY PD 24062	24.76 1.25 0.00	21.91 1.10 -1.07	21.09 1.08 -0.44	20.00 1.02 -0.09	20.61 1.07 -0.03	22.90 1.07 -0.50	28.60 0.97 0.00	32.08 1.26 0.00	34.96 1.19 -2.48	35.80 1.41 -3.79	36.80 1.45 -3.07	32.87 1.51 0.00	33.38 1.53 0.00	33.03 1.63 0.00	32.27 1.77 0.00	32.88 1.77 0.00	37.05 1.76 0.00	44.20 1.98 0.00	46.80 1.84 0.00	45.51 2.00 0.00	43.75 1.93 0.00	39.24 1.51 0.00	32.92 1.54 0.00	29.00 1.48 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.93 1.41 0.00	20.98 1.24 0.00	20.73 1.15 0.00	20.00 1.11 0.00	20.68 1.17 0.00	22.51 1.17 0.00	28.90 1.27 0.00	32.36 1.54 0.00	33.02 1.72 0.00	32.50 1.90 0.00	34.27 2.00 0.00	33.44 2.07 0.00	33.96 2.10 0.00	33.59 2.20 0.00	32.94 2.44 0.00	33.56 2.46 0.00	37.93 2.65 0.00	45.30 3.08 0.00	48.01 3.06 0.00	46.47 2.96 0.00	44.67 2.84 0.00	39.92 2.19 0.00	33.49 2.10 0.00	29.33 1.82 0.00
N.QUEENS_27_KV_LOAD 356247	25.23 1.72 0.00	21.39 1.64 -0.01	21.08 1.51 0.00	20.30 1.42 0.00	21.03 1.52 0.00	22.59 1.26 0.00	29.07 1.44 0.00	32.64 1.82 0.00	33.33 2.03 0.00	32.87 2.26 0.00	34.69 2.42 0.00	33.84 2.48 0.00	34.37 2.52 0.00	34.00 2.61 0.00	33.40 2.90 0.00	34.00 2.89 0.00	38.39 3.11 0.00	45.68 3.46 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.41 2.68 0.00	33.99 2.60 0.00	29.85 2.34 0.00
N.TROY___115KV_TB1 355778	24.69 1.18 0.00	20.75 1.01 0.00	20.55 0.98 0.00	19.81 0.93 0.00	20.47 0.96 0.00	22.33 1.00 0.00	28.62 0.99 0.00	32.05 1.23 0.00	46.04 1.25 -13.50	52.62 1.38 -20.64	50.44 1.42 -16.75	32.68 1.32 0.00	33.16 1.31 0.00	32.81 1.41 0.00	32.00 1.49 0.00	32.63 1.52 0.00	36.80 1.52 0.00	43.86 1.65 0.00	46.53 1.57 0.00	45.33 1.83 0.00	43.62 1.80 0.00	39.24 1.51 0.00	32.83 1.44 0.00	28.92 1.40 0.00
NARROWS_GT1_1 24228	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT1_2 24229	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT1_3 24230	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT1_4 24231	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT1_5 24232	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01

NARROWS_GT1_6 24233	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT1_7 24234	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT1_8 24235	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT2_1 24236	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT2_2 24237	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT2_3 24238	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT2_4 24239	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT2_5 24240	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT2_6 24241	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT2_7 24242	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NARROWS_GT2_8 24243	25.34 1.81 -0.01	21.38 1.64 -0.01	21.09 1.51 -0.01	20.33 1.43 -0.01	21.06 1.54 -0.01	22.80 1.47 0.00	29.26 1.63 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.25 3.11 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.63 3.64 -0.04	47.04 3.52 -0.01	45.23 3.39 -0.01	40.54 2.79 -0.01	34.06 2.67 -0.01	29.92 2.39 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.74 1.22 0.00	20.82 1.09 0.00	20.59 1.02 0.00	19.87 0.98 0.00	20.51 1.00 0.00	22.44 1.11 0.00	28.62 0.99 0.00	31.87 1.05 0.00	27.65 0.94 4.58	24.57 0.98 7.01	27.55 0.97 5.69	32.31 0.94 0.00	32.78 0.92 0.00	32.37 0.97 0.00	31.60 1.10 0.00	32.23 1.12 0.00	36.45 1.16 0.00	43.61 1.39 0.00	46.48 1.53 0.00	45.38 1.87 0.00	43.71 1.88 0.00	39.39 1.66 0.00	32.89 1.51 0.00	29.03 1.51 0.00
NCHELSEA_115KV_TR2 355582	25.02 1.51 0.00	21.04 1.30 0.00	20.78 1.21 0.00	20.06 1.17 0.00	20.76 1.25 0.00	22.61 1.28 0.00	28.93 1.30 0.00	32.33 1.51 0.00	32.95 1.66 0.00	32.38 1.77 0.00	34.18 1.90 0.00	33.37 2.01 0.00	33.89 2.04 0.00	33.50 2.10 0.00	32.82 2.32 0.00	33.44 2.33 0.00	37.79 2.51 0.00	45.25 3.04 0.00	48.01 3.06 0.00	46.55 3.05 0.00	44.75 2.93 0.00	40.11 2.38 0.00	33.55 2.17 0.00	29.41 1.90 0.00
NEG CAPITAL___MECHNVIL 23645	24.98 1.46 0.00	20.98 1.24 0.00	20.74 1.17 0.00	20.00 1.11 0.00	20.66 1.15 0.00	22.61 1.28 0.00	29.01 1.38 0.00	32.45 1.63 0.00	40.91 1.72 -7.90	44.40 1.71 -12.08	43.88 1.81 -9.80	33.15 1.79 0.00	33.61 1.75 0.00	33.18 1.79 0.00	32.33 1.83 0.00	33.00 1.90 0.00	37.22 1.94 0.00	44.45 2.24 0.00	47.20 2.25 0.00	46.03 2.52 0.00	44.33 2.51 0.00	39.88 2.15 0.00	33.33 1.95 0.00	29.30 1.79 0.00
NEG CENTRAL_HIGH_ACRES 23767	23.09 -0.42 0.00	19.21 -0.53 0.00	18.98 -0.59 0.00	18.32 -0.57 0.00	18.89 -0.63 0.00	20.63 -0.70 0.00	26.61 -1.02 0.00	29.55 -1.26 0.00	30.01 -1.28 0.00	29.20 -1.41 0.00	30.63 -1.64 0.00	29.64 -1.73 0.00	30.26 -1.59 0.00	29.83 -1.57 0.00	28.80 -1.71 0.00	29.55 -1.55 0.00	33.41 -1.87 0.00	40.27 -1.94 0.00	42.93 -2.02 0.00	41.51 -2.00 0.00	40.53 -1.30 0.00	36.41 -1.32 0.00	30.54 -0.85 0.00	26.74 -0.77 0.00

NEG CENTRAL___DRP 24199	23.71 0.19 0.00	19.80 0.06 0.00	19.57 0.00 0.00	18.91 0.02 0.00	19.47 -0.04 0.00	21.31 -0.02 0.00	27.55 -0.08 0.00	30.63 -0.18 0.00	31.08 -0.22 0.00	30.27 -0.34 0.00	31.72 -0.55 0.00	30.94 -0.63 -0.20	31.57 -0.61 -0.32	31.74 -0.57 -0.91	30.73 -0.73 -0.96	31.36 -0.62 -0.87	36.27 -0.88 -1.87	43.70 -0.72 -2.20	45.19 -0.63 -0.86	43.03 -0.48 0.00	41.91 0.08 0.00	37.58 -0.15 0.00	31.38 0.00 0.00	27.52 0.00 0.00
NEG CENTRAL___INDECK 23768	24.15 0.64 0.00	20.04 0.30 0.00	19.79 0.22 0.00	19.11 0.23 0.00	19.69 0.18 0.00	21.55 0.21 0.00	27.74 0.11 0.00	30.73 -0.09 0.00	30.98 -0.31 0.00	29.93 -0.67 0.00	31.11 -1.16 0.00	32.13 -1.32 -2.08	33.94 -1.24 -3.33	39.57 -1.22 -9.40	38.05 -2.44 -9.98	37.90 -2.27 -9.07	52.06 -2.65 -19.42	62.46 -2.70 -22.95	51.49 -2.43 -8.97	41.72 -1.79 0.00	41.20 -0.63 0.00	38.19 0.45 0.00	32.01 0.63 0.00	27.90 0.39 0.00
NEG CENTRAL___SENECA 23627	23.82 0.31 0.00	19.86 0.12 0.00	19.63 0.06 0.00	18.94 0.06 0.00	19.51 0.00 0.00	21.37 0.04 0.00	27.57 -0.06 0.00	30.70 -0.12 0.00	31.14 -0.16 0.00	30.30 -0.31 0.00	31.69 -0.58 0.00	30.99 -0.69 -0.32	31.72 -0.64 -0.51	32.23 -0.60 -1.43	31.20 -0.82 -1.52	31.80 -0.68 -1.38	37.17 -1.06 -2.95	44.85 -0.84 -3.48	45.60 -0.72 -1.36	43.03 -0.48 0.00	42.08 0.25 0.00	37.66 -0.08 0.00	31.54 0.16 0.00	27.63 0.11 0.00
NEG CENTRAL___STATE_STREET 24147	23.71 0.19 0.00	19.86 0.12 0.00	19.63 0.06 0.00	18.93 0.04 0.00	19.53 0.02 0.00	21.35 0.02 0.00	27.63 0.00 0.00	30.70 -0.12 0.00	31.11 -0.19 0.00	30.36 -0.24 0.00	31.92 -0.35 0.00	30.96 -0.41 0.00	31.47 -0.38 0.00	31.02 -0.38 0.00	30.05 -0.46 0.00	30.73 -0.37 0.00	34.76 -0.53 0.00	41.88 -0.34 0.00	44.69 -0.27 0.00	43.38 -0.13 0.00	42.03 0.21 0.00	37.73 0.00 0.00	31.45 0.06 0.00	27.57 0.06 0.00
NEG MILLWOOD___DRP 24198	25.14 1.62 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.15 1.27 0.00	20.86 1.35 0.00	22.72 1.39 0.00	29.26 1.63 0.00	32.82 2.00 0.00	33.45 2.16 0.00	32.90 2.30 0.00	34.76 2.48 0.00	33.72 2.35 0.00	34.21 2.36 0.00	33.81 2.42 0.00	33.13 2.62 0.00	33.72 2.61 0.00	38.18 2.89 0.00	45.63 3.42 0.00	48.37 3.42 0.00	46.81 3.31 0.00	45.00 3.18 0.00	40.26 2.53 0.00	33.67 2.29 0.00	29.55 2.04 0.00
NEG NORTH_FLCN_SEA 23793	22.88 -0.63 0.00	19.19 -0.55 0.00	19.06 -0.51 0.00	18.42 -0.47 0.00	19.02 -0.49 0.00	20.95 -0.38 0.00	27.44 -0.19 0.00	30.85 0.03 0.00	31.48 0.19 0.00	30.76 0.15 0.00	32.56 0.29 0.00	31.58 0.22 0.00	32.01 0.16 0.00	31.46 0.06 0.00	30.38 -0.12 0.00	30.86 -0.25 0.00	35.04 -0.25 0.00	41.88 -0.34 0.00	44.82 -0.13 0.00	43.07 -0.44 0.00	41.41 -0.42 0.00	37.39 -0.34 0.00	30.79 -0.60 0.00	26.77 -0.74 0.00
NEG NORTH_KES_CHATEGAY 23792	22.72 -0.80 0.00	19.07 -0.67 0.00	18.94 -0.63 0.00	18.28 -0.60 0.00	18.89 -0.62 0.00	20.80 -0.53 0.00	27.24 -0.39 0.00	30.60 -0.22 0.00	31.17 -0.13 0.00	30.45 -0.15 0.00	32.24 -0.03 0.00	31.27 -0.09 0.00	31.70 -0.16 0.00	31.11 -0.28 0.00	30.08 -0.43 0.00	30.55 -0.56 0.00	34.68 -0.60 0.00	41.50 -0.72 0.00	44.42 -0.54 0.00	42.77 -0.74 0.00	41.11 -0.71 0.00	37.13 -0.60 0.00	30.60 -0.78 0.00	26.61 -0.91 0.00
NEG NORTH___ALICE_FALLS 23915	23.02 -0.49 0.00	19.30 -0.43 0.00	19.20 -0.37 0.00	18.55 -0.34 0.00	19.14 -0.37 0.00	21.10 -0.23 0.00	27.60 -0.03 0.00	31.07 0.25 0.00	31.64 0.34 0.00	30.88 0.28 0.00	32.69 0.42 0.00	31.71 0.35 0.00	32.17 0.32 0.00	31.62 0.22 0.00	30.53 0.03 0.00	31.01 -0.09 0.00	35.25 -0.04 0.00	42.17 -0.04 0.00	45.27 0.31 0.00	43.46 -0.04 0.00	41.95 0.13 0.00	37.77 0.04 0.00	31.04 -0.35 0.00	26.96 -0.55 0.00
NEG NORTH___LWR_SARANAC 23913	23.02 -0.49 0.00	19.30 -0.43 0.00	19.20 -0.37 0.00	18.55 -0.34 0.00	19.14 -0.37 0.00	21.10 -0.23 0.00	27.60 -0.03 0.00	31.07 0.25 0.00	31.64 0.34 0.00	30.88 0.28 0.00	32.69 0.42 0.00	31.71 0.35 0.00	32.17 0.32 0.00	31.62 0.22 0.00	30.53 0.03 0.00	31.01 -0.09 0.00	35.25 -0.04 0.00	42.17 -0.04 0.00	45.27 0.31 0.00	43.46 -0.04 0.00	41.95 0.13 0.00	37.77 0.04 0.00	31.04 -0.35 0.00	26.96 -0.55 0.00
NEG NORTH___PLATTSBURG 23628	23.02 -0.49 0.00	19.30 -0.43 0.00	19.20 -0.37 0.00	18.55 -0.34 0.00	19.14 -0.37 0.00	21.05 -0.28 0.00	27.60 -0.03 0.00	31.06 0.25 0.00	31.64 0.34 0.00	30.88 0.27 0.00	32.69 0.42 0.00	31.71 0.35 0.00	32.17 0.32 0.00	31.62 0.22 0.00	30.53 0.03 0.00	31.01 -0.09 0.00	35.21 -0.07 0.00	42.17 -0.04 0.00	45.27 0.32 0.00	43.46 -0.04 0.00	41.95 0.13 0.00	37.73 0.00 0.00	31.04 -0.34 0.00	26.97 -0.55 0.00
NEG WEST_LEA_LOCKPORT 23791	23.21 -0.31 0.00	19.03 -0.71 0.00	18.79 -0.78 0.00	18.11 -0.77 0.00	18.65 -0.86 0.00	20.35 -0.98 0.00	25.95 -1.69 0.00	28.91 -1.91 0.00	29.42 -1.88 0.00	28.46 -2.14 0.00	29.50 -2.78 0.00	28.35 -2.51 0.51	28.66 -2.39 0.80	26.84 -2.26 2.29	25.48 -2.59 2.44	26.44 -2.46 2.21	27.67 -2.86 4.76	33.67 -3.04 5.50	39.48 -3.28 2.19	40.07 -3.44 0.00	39.36 -2.47 0.00	35.13 -2.60 0.00	30.10 -1.29 0.00	26.44 -1.07 0.00
NEG WEST___LANCASTR 23811	23.26 -0.26 0.00	19.13 -0.61 0.00	18.89 -0.68 0.00	18.26 -0.62 0.00	18.77 -0.74 0.00	20.52 -0.81 0.00	26.25 -1.38 0.00	29.34 -1.48 0.00	29.89 -1.41 0.00	28.95 -1.65 0.00	30.01 -2.26 0.00	28.65 -2.26 0.46	28.80 -2.33 0.73	27.16 -2.17 2.07	25.60 -2.71 2.19	26.40 -2.71 2.00	27.76 -3.25 4.28	33.25 -3.97 5.00	38.89 -4.09 1.97	40.90 -2.61 0.00	40.03 -1.80 0.00	35.73 -2.00 0.00	30.47 -0.91 0.00	26.66 -0.85 0.00
NEG_PENN_ALLEGHNY 23528	23.89 0.38 0.00	19.98 0.24 0.00	19.77 0.20 0.00	19.10 0.21 0.00	19.69 0.18 0.00	21.50 0.17 0.00	27.77 0.14 0.00	30.91 0.09 0.00	31.36 0.06 0.00	30.63 0.03 0.00	32.11 -0.16 0.00	31.15 -0.22 0.00	31.67 -0.19 0.00	31.24 -0.16 0.00	30.26 -0.25 0.00	30.92 -0.19 0.00	35.00 -0.28 0.00	42.05 -0.17 0.00	44.87 -0.09 0.00	43.64 0.13 0.00	42.24 0.42 0.00	38.00 0.27 0.00	31.76 0.38 0.00	27.82 0.30 0.00
NEG___GEN_MONROE 24207	23.59 0.07 0.00	19.54 -0.20 0.00	19.28 -0.29 0.00	18.60 -0.28 0.00	19.14 -0.37 0.00	20.95 -0.38 0.00	26.83 -0.80 0.00	29.93 -0.89 0.00	30.42 -0.88 0.00	29.50 -1.10 0.00	30.88 -1.39 0.00	29.92 -1.44 0.00	30.58 -1.27 0.00	30.17 -1.22 0.00	29.10 -1.40 0.00	29.90 -1.21 0.00	33.70 -1.59 0.00	40.76 -1.48 -0.02	43.47 -1.48 0.00	42.03 -1.48 0.00	41.20 -0.63 0.00	36.79 -0.94 0.00	31.04 -0.35 0.00	27.32 -0.19 0.00
NEPA___ENERGY 23901	23.45 -0.07 0.00	19.30 -0.43 0.00	19.06 -0.51 0.00	18.43 -0.45 0.00	18.95 -0.57 0.00	20.73 -0.60 0.00	26.55 -1.08 0.00	29.62 -1.20 0.00	30.14 -1.16 0.00	29.23 -1.38 0.00	30.30 -1.97 0.00	28.92 -2.01 0.43	29.19 -1.98 0.69	27.55 -1.88 1.96	26.23 -2.20 2.08	27.10 -2.12 1.89	28.76 -2.47 4.06	34.80 -2.66 4.76	40.30 -2.79 1.87	41.33 -2.18 0.00	40.44 -1.38 0.00	36.07 -1.66 0.00	30.72 -0.66 0.00	26.91 -0.61 0.00

NEVERSINK___HYD 23608	24.93 1.41 0.00	20.96 1.22 0.00	20.69 1.11 0.00	19.98 1.10 0.00	20.66 1.15 0.00	22.53 1.19 0.00	28.76 1.13 0.00	32.17 1.35 0.00	32.80 1.50 0.00	32.16 1.56 0.00	33.92 1.64 0.00	33.12 1.76 0.00	33.67 1.81 0.00	33.25 1.85 0.00	32.58 2.08 0.00	33.22 2.12 0.00	37.58 2.29 0.00	45.13 2.91 0.00	47.97 3.01 0.00	46.51 3.00 0.00	44.75 2.93 0.00	40.03 2.30 0.00	33.45 2.07 0.00	29.33 1.82 0.00
NEWKRMKL_115KV_TB1 55635	24.36 0.85 0.00	20.53 0.79 0.00	20.33 0.76 0.00	19.61 0.72 0.00	20.21 0.70 0.00	22.04 0.70 0.00	28.27 0.64 0.00	31.62 0.80 0.00	24.44 0.53 7.39	20.07 0.77 11.29	23.85 0.74 9.16	32.09 0.72 0.00	32.56 0.70 0.00	32.18 0.78 0.00	31.42 0.92 0.00	32.04 0.93 0.00	36.17 0.88 0.00	42.93 0.72 0.00	45.59 0.63 0.00	44.38 0.87 0.00	42.66 0.84 0.00	38.49 0.75 0.00	32.23 0.85 0.00	28.53 1.02 0.00
NEWTON___FALLS_HYD 23847	23.38 -0.14 0.00	19.62 -0.12 0.00	19.43 -0.14 0.00	18.76 -0.13 0.00	19.40 -0.12 0.00	21.37 0.04 0.00	27.93 0.30 0.00	31.28 0.46 0.00	31.58 0.28 0.00	30.63 0.03 0.00	32.05 -0.23 0.00	31.05 -0.31 0.00	31.38 -0.48 0.00	30.89 -0.50 0.00	29.89 -0.61 0.00	30.52 -0.59 0.00	34.76 -0.53 0.00	41.79 -0.42 0.00	45.36 0.40 0.00	43.90 0.39 0.00	42.41 0.59 0.00	37.92 0.19 0.00	31.45 0.06 0.00	27.38 -0.14 0.00
NGRID_A1_DSASP 323792	22.69 -0.82 0.00	18.55 -1.18 0.00	18.44 -1.14 0.00	17.85 -1.04 0.00	18.21 -1.31 0.00	19.99 -1.34 0.00	25.59 -2.02 0.02	28.27 -2.53 0.02	28.80 -2.47 0.02	27.86 -2.72 0.02	28.90 -3.36 0.02	28.13 -2.76 0.48	28.46 -2.64 0.76	26.75 -2.48 2.17	25.40 -2.81 2.30	26.34 -2.68 2.09	27.78 -3.00 4.51	33.74 -3.34 5.14	39.29 -3.60 2.07	39.18 -4.31 0.02	38.42 -3.39 0.02	34.66 -3.05 0.02	29.64 -1.73 0.02	25.90 -1.60 0.02
NGRID_A2_DSASP 323793	22.69 -0.82 0.00	18.55 -1.18 0.00	18.44 -1.14 0.00	17.85 -1.04 0.00	18.21 -1.31 0.00	19.99 -1.34 0.00	25.59 -2.02 0.02	28.27 -2.53 0.02	28.80 -2.47 0.02	27.86 -2.72 0.02	28.90 -3.36 0.02	28.13 -2.76 0.48	28.46 -2.64 0.76	26.75 -2.48 2.17	25.40 -2.81 2.30	26.34 -2.68 2.09	27.78 -3.00 4.51	33.74 -3.34 5.14	39.29 -3.60 2.07	39.18 -4.31 0.02	38.42 -3.39 0.02	34.66 -3.05 0.02	29.64 -1.73 0.02	25.90 -1.60 0.02
NGRID_A4_DSASP 323807	22.69 -0.82 0.00	18.55 -1.18 0.00	18.44 -1.14 0.00	17.85 -1.04 0.00	18.21 -1.31 0.00	19.99 -1.34 0.00	25.59 -2.02 0.02	28.27 -2.53 0.02	28.80 -2.47 0.02	27.86 -2.72 0.02	28.90 -3.36 0.02	28.13 -2.76 0.48	28.46 -2.64 0.76	26.75 -2.48 2.17	25.40 -2.81 2.30	26.34 -2.68 2.09	27.78 -3.00 4.51	33.74 -3.34 5.14	39.29 -3.60 2.07	39.18 -4.31 0.02	38.42 -3.39 0.02	34.66 -3.05 0.02	29.64 -1.73 0.02	25.90 -1.60 0.02
NIAGARA_115E_LBMP 323715	23.02 -0.49 0.00	18.85 -0.89 0.00	18.49 -1.08 0.00	17.89 -1.00 0.00	18.48 -1.03 0.00	19.99 -1.34 0.00	25.62 -2.02 -0.01	28.30 -2.53 -0.01	28.83 -2.47 -0.01	27.88 -2.72 -0.01	28.89 -3.39 -0.01	28.10 -2.79 0.47	28.44 -2.68 0.74	26.74 -2.51 2.14	25.43 -2.81 2.27	26.34 -2.71 2.06	27.80 -3.03 4.45	33.83 -3.38 5.01	39.27 -3.64 2.04	39.21 -4.31 -0.01	38.44 -3.39 -0.01	34.68 -3.05 -0.01	29.66 -1.73 -0.01	25.92 -1.60 -0.01
NIAGARA_115W_LBMP 323714	22.62 -0.89 0.00	18.51 -1.22 0.00	18.42 -1.15 0.00	17.81 -1.08 0.00	18.15 -1.37 0.00	19.92 -1.41 0.00	25.48 -2.13 0.02	28.15 -2.65 0.02	28.65 -2.63 0.02	27.74 -2.85 0.02	28.74 -3.52 0.02	28.13 -2.76 0.48	28.46 -2.64 0.76	26.75 -2.48 2.17	25.40 -2.81 2.30	26.34 -2.68 2.09	27.78 -3.00 4.51	33.74 -3.34 5.14	39.29 -3.60 2.07	39.01 -4.48 0.02	38.21 -3.60 0.02	34.47 -3.25 0.02	29.51 -1.85 0.02	25.79 -1.71 0.02
NIAGARA_230_LBMP 323716	23.00 -0.52 0.00	18.83 -0.91 0.00	18.59 -0.98 0.00	17.98 -0.91 0.00	18.46 -1.05 0.00	20.20 -1.13 0.00	25.97 -1.66 0.00	28.66 -2.16 0.00	29.20 -2.10 0.00	28.25 -2.36 0.00	29.30 -2.97 0.00	28.00 -2.92 0.45	28.36 -2.77 0.72	26.74 -2.64 2.02	25.46 -2.90 2.15	26.35 -2.80 1.95	27.93 -3.18 4.18	33.68 -3.55 4.99	39.25 -3.78 1.93	39.77 -3.74 0.00	38.94 -2.89 0.00	35.13 -2.60 0.00	30.00 -1.38 0.00	26.25 -1.27 0.00
NIAGARA___115KV_198_GIBSON 55903	22.62 -0.89 0.00	18.51 -1.22 0.00	18.28 -1.29 0.00	17.81 -1.08 0.00	18.15 -1.37 0.00	19.92 -1.41 0.00	25.29 -2.32 0.02	28.15 -2.65 0.02	28.65 -2.63 0.02	27.74 -2.85 0.02	28.73 -3.52 0.02	28.10 -2.79 0.48	28.46 -2.64 0.76	26.72 -2.51 2.17	25.39 -2.81 2.30	26.34 -2.68 2.09	27.67 -3.11 4.51	33.70 -3.38 5.14	39.24 -3.64 2.07	39.01 -4.48 0.02	38.21 -3.60 0.02	34.13 -3.58 0.02	29.29 -2.07 0.02	25.79 -1.71 0.02
NIAGARA____ 23760	23.00 -0.52 0.00	18.83 -0.91 0.00	18.59 -0.98 0.00	17.98 -0.91 0.00	18.46 -1.05 0.00	20.20 -1.13 0.00	25.97 -1.66 0.01	28.66 -2.16 0.01	29.19 -2.36 0.01	28.24 -2.36 0.01	29.30 -2.97 0.00	28.00 -2.92 0.45	28.36 -2.77 0.72	26.74 -2.64 2.02	25.46 -2.90 2.15	26.35 -2.80 1.95	27.93 -3.18 4.18	33.68 -3.55 4.99	39.25 -3.78 1.93	39.76 -3.74 0.00	38.94 -2.89 0.00	35.12 -2.60 0.00	30.00 -1.38 0.01	26.24 -1.27 0.01
NINE_MILE_1 23575	23.07 -0.45 0.00	19.32 -0.42 0.00	19.14 -0.43 0.00	18.47 -0.42 0.00	19.06 -0.45 0.00	20.84 -0.49 0.00	26.94 -0.69 0.00	29.80 -1.02 0.00	30.23 -1.06 0.00	29.53 -1.07 0.00	31.11 -1.16 0.00	30.21 -1.16 0.00	30.68 -1.18 0.00	30.27 -1.13 0.00	29.38 -1.13 0.00	29.99 -1.12 0.00	33.98 -1.30 0.00	40.74 -1.48 0.00	43.43 -1.53 0.00	42.03 -1.48 0.00	40.57 -1.25 0.00	36.56 -1.17 0.00	30.47 -0.91 0.00	26.80 -0.72 0.00
NINE_MILE_2 23744	23.07 -0.45 0.00	19.32 -0.42 0.00	19.14 -0.43 0.00	18.47 -0.42 0.00	19.08 -0.43 0.00	20.84 -0.49 0.00	26.94 -0.69 0.00	29.80 -1.02 0.00	30.23 -1.06 0.00	29.53 -1.07 0.00	31.11 -1.16 0.00	30.21 -1.16 0.00	30.68 -1.18 0.00	30.27 -1.13 0.00	29.38 -1.13 0.00	29.99 -1.12 0.00	33.98 -1.30 0.00	40.74 -1.48 0.00	43.43 -1.53 0.00	42.03 -1.48 0.00	40.57 -1.25 0.00	36.56 -1.17 0.00	30.47 -0.91 0.00	26.80 -0.72 0.00
NM_CAPITAL___DRP 24208	24.41 0.89 0.00	20.55 0.81 0.00	20.35 0.78 0.00	19.62 0.74 0.00	20.25 0.74 0.00	22.08 0.75 0.00	28.29 0.66 0.00	31.65 0.83 0.00	22.96 0.59 8.93	17.77 0.83 13.65	22.00 0.81 11.08	32.12 0.75 0.00	32.62 0.76 0.00	32.24 0.85 0.00	31.51 1.01 0.00	32.13 1.03 0.00	36.27 0.99 0.00	43.10 0.89 0.00	45.72 0.76 0.00	44.51 1.00 0.00	42.79 0.96 0.00	38.56 0.83 0.00	32.29 0.91 0.00	28.59 1.07 0.00
NM_CENTRAL___DRP 24181	23.64 0.12 0.00	19.82 0.08 0.00	19.61 0.04 0.00	18.91 0.02 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.55 -0.08 0.00	30.60 -0.22 0.00	31.04 -0.25 0.00	30.33 -0.28 0.00	31.92 -0.35 0.00	30.99 -0.38 0.00	31.47 -0.38 0.00	31.05 -0.35 0.00	30.08 -0.43 0.00	30.73 -0.37 0.00	34.79 -0.49 0.00	41.83 -0.38 0.00	44.60 -0.36 0.00	43.25 -0.26 0.00	41.78 -0.04 0.00	37.54 -0.19 0.00	31.29 -0.09 0.00	27.49 -0.03 0.00

NM_FRONTIER___DRP 24179	22.62 -0.89 0.00	18.51 -1.22 0.00	18.28 -1.29 0.00	17.81 -1.08 0.00	18.15 -1.37 0.00	19.92 -1.41 0.00	25.29 -2.32 0.02	28.15 -2.65 0.02	28.65 -2.63 0.02	27.74 -2.85 0.02	28.73 -3.52 0.02	28.10 -2.79 0.48	28.46 -2.64 0.76	26.72 -2.51 2.17	25.39 -2.81 2.30	26.34 -2.68 2.09	27.67 -3.11 4.51	33.70 -3.38 5.14	39.24 -3.64 2.07	39.01 -4.48 0.02	38.21 -3.60 0.02	34.13 -3.58 0.02	29.29 -2.07 0.02	25.79 -1.71 0.02
NM_ST_REGIS___HYD 24053	23.02 -0.49 0.00	19.30 -0.43 0.00	19.20 -0.37 0.00	18.55 -0.34 0.00	19.14 -0.37 0.00	21.10 -0.23 0.00	27.60 -0.03 0.00	31.10 0.28 0.00	31.67 0.38 0.00	30.97 0.37 0.00	32.79 0.52 0.00	31.80 0.44 0.00	32.27 0.41 0.00	31.71 0.31 0.00	30.63 0.12 0.00	31.08 -0.03 0.00	35.28 0.00 0.00	42.21 0.00 0.00	45.27 0.31 0.00	43.55 0.04 0.00	41.99 0.17 0.00	37.84 0.11 0.00	31.07 -0.31 0.00	26.99 -0.52 0.00
NORTHPORT___1 23551	25.41 1.88 -0.01	23.33 1.62 -1.97	21.11 1.51 -0.03	20.37 1.45 -0.03	21.09 1.56 -0.02	23.03 1.68 -0.01	29.38 1.74 -0.01	32.95 2.12 -0.01	33.56 2.25 -0.01	33.00 2.39 -0.01	36.23 2.45 -1.51	35.60 2.57 -1.66	36.20 2.55 -1.80	36.13 2.57 -2.16	36.25 2.75 -3.00	36.88 2.70 -3.07	38.01 2.72 -0.01	45.39 3.17 -0.01	48.06 3.10 -0.01	46.74 3.22 -0.01	44.71 2.88 0.00	39.81 2.07 0.00	35.68 2.51 -1.79	32.03 2.28 -2.23
NORTHPORT___2 23552	25.41 1.88 -0.01	23.33 1.62 -1.97	21.11 1.51 -0.03	20.37 1.45 -0.03	21.09 1.56 -0.02	23.03 1.68 -0.01	29.38 1.74 -0.01	32.95 2.12 -0.01	33.56 2.25 -0.01	33.00 2.39 -0.01	36.23 2.45 -1.51	35.60 2.57 -1.66	36.20 2.55 -1.80	36.13 2.57 -2.16	36.25 2.75 -3.00	36.88 2.70 -3.07	38.01 2.72 -0.01	45.39 3.17 -0.01	48.06 3.10 -0.01	46.74 3.22 -0.01	44.71 2.88 0.00	39.81 2.07 0.00	35.68 2.51 -1.79	32.03 2.28 -2.23
NORTHPORT___3 23553	25.34 1.81 -0.01	23.53 1.81 -1.97	21.39 1.76 -0.06	20.62 1.68 -0.06	21.33 1.79 -0.03	22.92 1.58 -0.01	29.32 1.69 -0.01	32.83 2.00 -0.01	33.40 2.10 -0.01	32.88 2.26 -0.01	36.11 2.32 -1.51	35.51 2.48 -1.67	36.08 2.42 -1.81	36.08 2.51 -2.17	36.20 2.69 -3.01	36.77 2.58 -3.08	37.87 2.57 -0.01	45.47 3.25 0.00	48.33 3.37 0.00	46.52 3.00 -0.01	44.50 2.68 0.00	39.62 1.89 0.00	35.61 2.45 -1.78	32.01 2.26 -2.24
NORTHPORT___4 23650	25.34 1.81 -0.01	23.53 1.81 -1.97	21.39 1.76 -0.06	20.62 1.68 -0.06	21.33 1.79 -0.03	22.92 1.58 -0.01	29.32 1.69 -0.01	32.83 2.00 -0.01	33.40 2.10 -0.01	32.88 2.26 -0.01	36.11 2.32 -1.51	35.51 2.48 -1.67	36.08 2.42 -1.81	36.08 2.51 -2.17	36.20 2.69 -3.01	36.77 2.58 -3.08	37.87 2.57 -0.01	45.47 3.25 0.00	48.33 3.37 0.00	46.52 3.00 -0.01	44.50 2.68 0.00	39.62 1.89 0.00	35.61 2.45 -1.78	32.01 2.26 -2.24
NORTHPORT___IC 23718	25.41 1.88 -0.01	23.33 1.62 -1.97	21.11 1.51 -0.03	20.37 1.45 -0.03	21.09 1.56 -0.02	23.00 1.66 -0.01	29.41 1.77 -0.01	32.99 2.16 -0.01	33.59 2.28 -0.01	33.00 2.39 -0.01	36.26 2.48 -1.51	35.60 2.57 -1.66	36.17 2.52 -1.80	36.13 2.57 -2.16	36.25 2.75 -3.00	36.88 2.71 -3.07	38.08 2.79 -0.01	45.39 3.17 -0.01	48.02 3.06 -0.01	46.74 3.22 -0.01	44.71 2.89 0.00	40.00 2.26 0.00	35.71 2.54 -1.79	32.03 2.28 -2.23
NORTH___COUNTRY_ESR 323785	22.67 -0.85 0.00	19.03 -0.71 0.00	18.91 -0.67 0.00	18.25 -0.64 0.00	18.85 -0.66 0.00	20.73 -0.60 0.00	27.19 -0.44 0.00	30.54 -0.28 0.00	31.14 -0.16 0.00	30.42 -0.18 0.00	32.21 -0.06 0.00	31.24 -0.12 0.00	31.67 -0.19 0.00	31.11 -0.28 0.00	30.05 -0.46 0.00	30.51 -0.59 0.00	34.65 -0.63 0.00	41.46 -0.76 0.00	44.33 -0.63 0.00	42.68 -0.83 0.00	40.94 -0.88 0.00	36.98 -0.75 0.00	30.50 -0.88 0.00	26.55 -0.96 0.00
NPX_GEN_1385_PROXY 323591	25.41 1.88 -0.01	23.33 1.62 -1.97	21.19 1.58 -0.03	20.45 1.53 -0.03	21.15 1.62 -0.02	23.11 1.77 -0.01	29.38 1.74 -0.01	33.05 2.22 -0.01	33.68 2.38 -0.01	33.15 2.54 -0.01	36.17 2.39 -1.51	35.54 2.51 -1.66	36.11 2.45 -1.80	36.07 2.51 -2.16	36.19 2.69 -3.00	36.82 2.64 -3.07	37.94 2.65 -0.01	45.26 3.04 -0.01	48.06 3.10 -0.01	46.74 3.22 -0.01	44.71 2.88 0.00	39.81 2.07 0.00	35.68 2.51 -1.79	32.00 2.26 -2.23
NPX_GEN_CSC 323557	25.45 1.93 -0.01	23.71 1.91 -2.06	22.92 1.84 -1.51	22.12 1.77 -1.46	22.10 1.89 -0.70	23.20 1.85 -0.01	29.27 1.63 -0.01	33.08 2.25 -0.01	33.75 2.44 -0.01	33.00 2.39 -0.01	36.31 2.52 -1.52	35.58 2.54 -1.67	36.22 2.55 -1.81	36.09 2.51 -2.18	36.24 2.71 -3.02	36.93 2.74 -3.09	38.08 2.79 -0.01	45.71 3.42 -0.08	48.45 3.42 -0.08	46.91 3.40 -0.01	44.84 3.01 0.00	39.81 2.07 0.00	35.74 2.35 -2.00	31.91 2.15 -2.24
NSINS_S_GLNS_FALLS 23858	25.28 1.76 0.00	21.20 1.46 0.00	20.94 1.37 0.00	20.17 1.28 0.00	20.84 1.33 0.00	22.89 1.56 0.00	29.37 1.74 0.00	32.85 2.03 0.00	38.44 2.19 -4.95	40.25 2.08 -7.57	40.67 2.26 -6.14	33.59 2.23 0.00	34.02 2.17 0.00	33.62 2.23 0.00	32.70 2.20 0.00	33.38 2.27 0.00	37.47 2.19 0.00	44.75 2.53 0.00	47.56 2.61 0.00	46.42 2.92 0.00	44.71 2.89 0.00	40.45 2.72 0.00	33.77 2.39 0.00	29.66 2.15 0.00
NUCOR_STEEL___DRP 24197	23.73 0.21 0.00	19.90 0.16 0.00	19.67 0.10 0.00	18.98 0.09 0.00	19.57 0.06 0.00	21.40 0.06 0.00	27.69 0.06 0.00	30.70 -0.12 0.00	31.14 -0.16 0.00	30.36 -0.24 0.00	31.92 -0.35 0.00	30.96 -0.41 0.00	31.47 -0.38 0.00	31.02 -0.38 0.00	30.02 -0.49 0.00	30.70 -0.40 0.00	34.76 -0.53 0.00	41.83 -0.38 0.00	44.64 -0.31 0.00	43.29 -0.22 0.00	41.95 0.13 0.00	37.69 -0.04 0.00	31.41 0.03 0.00	27.60 0.08 0.00
NUMBER_THREE_WT_PWR 323818	23.66 0.14 0.00	19.86 0.12 0.00	19.67 0.10 0.00	18.94 0.06 0.00	19.61 0.10 0.00	21.57 0.24 0.00	28.27 0.64 0.00	31.59 0.77 0.00	31.95 0.66 0.00	30.97 0.37 0.00	32.18 -0.10 0.00	31.21 -0.16 0.00	31.60 -0.26 0.00	31.14 -0.25 0.00	30.17 -0.33 0.00	30.83 -0.28 0.00	35.04 -0.25 0.00	42.17 -0.04 0.00	45.94 0.99 0.00	44.60 1.09 0.00	43.12 1.30 0.00	38.33 0.60 0.00	31.73 0.35 0.00	27.68 0.17 0.00
NYISO_LBMP_REFERENCE 24008	23.52 0.00 0.00	19.74 0.00 0.00	19.57 0.00 0.00	18.89 0.00 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.63 0.00 0.00	30.82 0.00 0.00	31.29 0.00 0.00	30.60 0.00 0.00	32.27 0.00 0.00	31.37 0.00 0.00	31.86 0.00 0.00	31.40 0.00 0.00	30.50 0.00 0.00	31.11 0.00 0.00	35.28 0.00 0.00	42.21 0.00 0.00	44.96 0.00 0.00	43.51 0.00 0.00	41.83 0.00 0.00	37.73 0.00 0.00	31.38 0.00 0.00	27.52 0.00 0.00
NYPA_BRENTWD____GT 24164	25.71 2.19 -0.01	23.67 1.91 -2.02	21.72 1.80 -0.35	20.97 1.74 -0.34	21.53 1.85 -0.17	23.28 1.94 -0.01	29.71 2.07 -0.01	33.38 2.56 -0.01	34.02 2.72 -0.01	33.43 2.81 -0.01	36.74 2.94 -1.53	36.03 2.98 -1.69	36.67 2.99 -1.83	36.61 3.01 -2.20	36.75 3.20 -3.04	37.43 3.20 -3.11	38.61 3.32 -0.01	46.20 3.97 -0.02	48.98 4.00 -0.02	47.56 4.05 -0.01	45.51 3.68 0.00	40.48 2.75 0.00	36.59 2.95 -2.26	32.44 2.67 -2.26

NYPA_GOWANUS____GT5 24156	25.34	21.38	21.09	20.33	21.06	22.80	29.26	32.92	33.62	33.15	34.96	34.10	34.63	34.26	33.60	34.25	38.60	46.01	48.59	47.04	45.23	40.54	34.06	29.92
	1.81	1.64	1.51	1.43	1.54	1.47	1.63	2.10	2.32	2.54	2.68	2.73	2.77	2.86	3.08	3.11	3.28	3.76	3.60	3.52	3.39	2.79	2.67	2.39
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.04	-0.04	-0.04	-0.04	-0.01	-0.01	-0.01	-0.01	-0.01
NYPA_GOWANUS____GT6 24157	25.34	21.38	21.09	20.33	21.06	22.80	29.26	32.92	33.62	33.15	34.96	34.10	34.63	34.26	33.60	34.25	38.60	46.01	48.59	47.04	45.23	40.54	34.06	29.92
	1.81	1.64	1.51	1.43	1.54	1.47	1.63	2.10	2.32	2.54	2.68	2.73	2.77	2.86	3.08	3.11	3.28	3.76	3.60	3.52	3.39	2.79	2.67	2.39
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.04	-0.04	-0.04	-0.04	-0.01	-0.01	-0.01	-0.01	-0.01
NYPA_HARLEM__RVR__GT1 24160	25.19	21.33	21.04	20.27	20.99	22.56	28.98	32.57	33.26	32.80	34.59	33.77	34.30	33.93	33.30	33.93	38.28	45.55	48.19	46.59	44.74	40.22	33.80	29.77
	1.67	1.58	1.47	1.38	1.48	1.24	1.35	1.76	1.97	2.20	2.32	2.42	2.45	2.54	2.80	2.83	3.00	3.33	3.24	3.09	2.93	2.49	2.42	2.26
	0.00	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	25.19	21.33	21.04	20.27	20.99	22.56	28.98	32.57	33.26	32.80	34.59	33.77	34.30	33.93	33.30	33.93	38.28	45.55	48.19	46.59	44.74	40.22	33.80	29.77
	1.67	1.58	1.47	1.38	1.48	1.24	1.35	1.76	1.97	2.20	2.32	2.42	2.45	2.54	2.80	2.83	3.00	3.33	3.24	3.09	2.93	2.49	2.42	2.26
	0.00	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
NYPA_KENT____GT 24152	25.26	21.31	21.02	20.27	21.00	22.74	29.18	32.80	33.52	33.02	34.86	34.00	34.53	34.16	33.52	34.18	38.51	45.90	48.52	46.91	45.07	40.40	33.96	29.83
	1.74	1.56	1.45	1.38	1.48	1.41	1.55	1.97	2.22	2.42	2.58	2.64	2.68	2.76	2.99	3.02	3.18	3.63	3.51	3.40	3.22	2.68	2.57	2.31
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.05	-0.05	-0.05	-0.05	-0.01	-0.02	0.01	0.00	0.00
NYPA_POUCH1____GT 24155	25.38	21.41	21.12	20.37	21.10	22.85	29.32	32.95	33.65	33.15	34.99	34.13	34.63	34.26	33.57	34.19	38.50	45.97	48.50	47.04	45.23	40.50	34.06	29.92
	1.86	1.66	1.55	1.47	1.58	1.51	1.69	2.12	2.35	2.54	2.71	2.76	2.77	2.86	3.05	3.05	3.18	3.72	3.51	3.52	3.39	2.75	2.67	2.39
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.04	-0.04	-0.04	-0.04	-0.01	-0.01	-0.01	-0.01	-0.01
NYPA_VERNON____GT2 24162	25.16	21.25	20.94	20.19	20.92	22.66	29.09	32.70	33.39	32.93	34.72	33.88	34.43	34.03	33.40	34.03	38.39	45.72	48.33	46.77	44.92	40.30	33.83	29.72
	1.65	1.50	1.37	1.30	1.41	1.32	1.46	1.88	2.10	2.32	2.45	2.51	2.58	2.64	2.90	2.92	3.11	3.50	3.37	3.26	3.09	2.57	2.45	2.20
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	25.16	21.25	20.94	20.19	20.92	22.66	29.09	32.70	33.39	32.93	34.72	33.88	34.43	34.03	33.40	34.03	38.39	45.72	48.33	46.77	44.92	40.30	33.83	29.72
	1.65	1.50	1.37	1.30	1.41	1.32	1.46	1.88	2.10	2.32	2.45	2.51	2.58	2.64	2.90	2.92	3.11	3.50	3.37	3.26	3.09	2.57	2.45	2.20
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	25.16	21.25	20.94	20.19	20.92	22.66	29.07	32.67	33.36	32.90	34.69	33.84	34.37	34.00	33.37	34.00	38.32	45.63	48.28	46.73	44.84	40.22	33.80	29.72
	1.65	1.50	1.37	1.30	1.41	1.32	1.44	1.85	2.06	2.30	2.42	2.48	2.52	2.60	2.87	2.89	3.03	3.42	3.33	3.22	3.01	2.49	2.42	2.20
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	25.16	21.25	20.94	20.19	20.92	22.66	29.07	32.67	33.36	32.90	34.69	33.84	34.37	34.00	33.37	34.00	38.32	45.63	48.28	46.73	44.84	40.22	33.80	29.72
	1.65	1.50	1.37	1.30	1.41	1.32	1.44	1.85	2.06	2.30	2.42	2.48	2.52	2.60	2.87	2.89	3.03	3.42	3.33	3.22	3.01	2.49	2.42	2.20
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	25.55	23.65	22.82	22.02	22.01	23.20	29.52	33.20	33.84	33.21	36.53	35.80	36.44	36.37	36.48	37.15	38.36	46.01	48.76	47.26	45.17	40.15	36.03	32.18
	2.02	1.85	1.76	1.70	1.81	1.85	1.88	2.37	2.53	2.60	2.74	2.76	2.77	2.79	2.96	2.96	3.07	3.72	3.73	3.74	3.35	2.42	2.67	2.42
	-0.01	-2.05	-1.48	-1.43	-0.68	-0.01	-0.01	-0.01	-0.01	-0.01	-1.52	-1.67	-1.81	-2.18	-3.02	-3.09	-0.01	-0.08	-0.08	-0.01	0.00	0.00	-1.98	-2.24
NYPA____HELLGATE_GT1 24158	25.19	21.33	21.04	20.27	20.99	22.56	28.98	32.57	33.26	32.80	34.59	33.77	34.30	33.93	33.30	33.93	38.28	45.55	48.19	46.59	44.74	40.22	33.80	29.77
	1.67	1.58	1.47	1.38	1.48	1.24	1.35	1.76	1.97	2.20	2.32	2.42	2.45	2.54	2.80	2.83	3.00	3.33	3.24	3.09	2.93	2.49	2.42	2.26
	0.00	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	25.19	21.33	21.04	20.27	20.99	22.56	28.98	32.57	33.26	32.80	34.59	33.77	34.30	33.93	33.30	33.93	38.28	45.55	48.19	46.59	44.74	40.22	33.80	29.77
	1.67	1.58	1.47	1.38	1.48	1.24	1.35	1.76	1.97	2.20	2.32	2.42	2.45	2.54	2.80	2.83	3.00	3.33	3.24	3.09	2.93	2.49	2.42	2.26
	0.00	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
NYS_BARGE____HYD 23848	23.26	19.05	18.73	18.13	18.67	20.37	26.11	28.91	29.42	28.46	29.53	28.50	28.84	27.17	25.84	26.78	28.36	34.43	39.89	40.11	39.40	35.51	30.32	26.44
	-0.26	-0.69	-0.84	-0.76	-0.84	-0.96	-1.52	-1.91	-1.88	-2.14	-2.74	-2.41	-2.29	-2.17	-2.47	-2.33	-2.65	-2.87	-3.10	-3.39	-2.43	-2.23	-1.07	-1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.72	2.06	2.19	1.99	4.28	4.92	1.97	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	23.52	19.50	19.26	18.60	19.14	20.93	26.94	29.90	30.39	29.50	30.92	29.92	30.58	30.14	29.07	29.86	33.77	40.75	43.43	41.94	41.03	36.90	31.01	27.16
	0.00	-0.24	-0.31	-0.28	-0.37	-0.41	-0.69	-0.92	-0.91	-1.10	-1.35	-1.44	-1.28	-1.26	-1.43	-1.25	-1.52	-1.48	-1.53	-1.56	-0.80	-0.83	-0.38	-0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00

OAKDALE___35_KV_LOAD 356122	23.85 0.33 0.00	19.92 0.18 0.00	19.73 0.16 0.00	19.06 0.17 0.00	19.65 0.14 0.00	21.46 0.13 0.00	27.63 0.00 0.00	30.79 -0.03 0.00	31.23 -0.06 0.00	30.51 -0.09 0.00	31.98 -0.29 0.00	31.05 -0.31 0.00	31.54 -0.32 0.00	31.14 -0.25 0.00	30.20 -0.31 0.00	30.86 -0.25 0.00	34.93 -0.35 0.00	41.92 -0.30 0.00	44.69 -0.27 0.00	43.51 0.00 0.00	42.12 0.29 0.00	37.81 0.08 0.00	31.63 0.25 0.00	27.76 0.25 0.00
OCC_CHEM___DRP 24175	22.67 -0.85 0.00	18.55 -1.18 0.00	18.32 -1.25 0.00	17.85 -1.04 0.00	18.21 -1.31 0.00	19.99 -1.34 0.00	25.40 -2.21 0.02	28.27 -2.53 0.02	28.80 -2.47 0.02	27.86 -2.72 0.02	28.90 -3.36 0.02	28.10 -2.79 0.48	28.42 -2.68 0.76	26.72 -2.51 2.17	25.39 -2.81 2.30	26.34 -2.68 2.09	27.67 -3.11 4.51	33.70 -3.38 5.14	39.24 -3.64 2.07	39.18 -4.31 0.02	38.42 -3.39 0.02	34.32 -3.40 0.02	29.42 -1.95 0.02	25.90 -1.60 0.02
OH_GEN_PROXY 24063	23.00 -0.52 0.00	18.83 -0.91 0.00	18.61 -0.96 0.00	18.00 -0.89 0.00	18.48 -1.03 0.00	20.22 -1.11 0.00	26.00 -1.63 0.00	28.72 -2.10 0.00	29.26 -2.03 0.00	28.31 -2.30 0.00	29.40 -2.87 0.00	28.11 -2.85 0.40	28.50 -2.71 0.65	27.00 -2.57 1.82	25.73 -2.84 1.93	26.61 -2.74 1.76	28.45 -3.07 3.77	34.27 -3.46 4.49	39.53 -3.69 1.74	39.90 -3.61 0.00	39.06 -2.76 0.00	35.20 -2.53 0.00	30.03 -1.35 0.00	26.28 -1.24 0.00
OLIN_CORP_DRP 24177	23.02 -0.49 0.00	18.85 -0.89 0.00	18.61 -0.96 0.00	17.91 -0.98 0.00	18.48 -1.03 0.00	19.99 -1.34 0.00	25.43 -2.21 -0.01	28.30 -2.53 -0.01	28.83 -2.47 -0.01	27.89 -2.72 -0.01	28.92 -3.36 -0.01	28.10 -2.79 0.48	28.42 -2.68 0.75	26.72 -2.51 2.17	25.39 -2.81 2.30	26.34 -2.68 2.09	27.67 -3.11 4.50	33.70 -3.38 5.14	39.24 -3.64 2.07	39.21 -4.31 -0.01	38.45 -3.39 -0.01	34.34 -3.40 -0.01	29.45 -1.95 -0.01	25.93 -1.60 -0.01
OLIN_CORP_DSASP 323712	22.69 -0.82 0.00	18.55 -1.18 0.00	18.44 -1.14 0.00	17.85 -1.04 0.00	18.21 -1.31 0.00	19.99 -1.34 0.00	25.59 -2.02 0.02	28.27 -2.53 0.02	28.80 -2.47 0.02	27.86 -2.72 0.02	28.90 -3.36 0.02	28.13 -2.76 0.48	28.46 -2.64 0.76	26.75 -2.48 2.17	25.40 -2.81 2.30	26.34 -2.68 2.09	27.78 -3.00 4.51	33.74 -3.34 5.14	39.29 -3.60 2.07	39.18 -4.31 0.02	38.42 -3.39 0.02	34.66 -3.05 0.02	29.64 -1.73 0.02	25.90 -1.60 0.02
ONEIDA_HERK_LFGE 323681	23.92 0.40 0.00	20.07 0.34 0.00	19.86 0.29 0.00	19.15 0.26 0.00	19.82 0.31 0.00	21.74 0.40 0.00	28.24 0.61 0.00	31.56 0.74 0.00	31.98 0.69 0.00	31.12 0.52 0.00	32.60 0.32 0.00	31.65 0.28 0.00	32.11 0.25 0.00	31.68 0.28 0.00	30.72 0.22 0.00	31.35 0.25 0.00	35.57 0.28 0.00	42.72 0.51 0.00	45.99 1.03 0.00	44.60 1.09 0.00	43.08 1.25 0.00	38.60 0.87 0.00	32.01 0.63 0.00	27.98 0.47 0.00
ONEIDA___115KV_TB4 55905	24.18 0.66 0.00	20.27 0.53 0.00	20.06 0.49 0.00	19.34 0.45 0.00	20.00 0.49 0.00	21.93 0.60 0.00	28.32 0.69 0.00	31.62 0.80 0.00	32.05 0.75 0.00	31.22 0.61 0.00	32.82 0.55 0.00	31.87 0.50 0.00	32.36 0.51 0.00	31.93 0.53 0.00	30.96 0.46 0.00	31.64 0.53 0.00	35.85 0.56 0.00	43.06 0.84 0.00	46.12 1.17 0.00	44.77 1.26 0.00	43.25 1.42 0.00	38.86 1.13 0.00	32.26 0.88 0.00	28.26 0.74 0.00
ONONDAGA_REF_OCCRA 23987	23.68 0.16 0.00	19.86 0.12 0.00	19.65 0.08 0.00	18.94 0.06 0.00	19.55 0.04 0.00	21.37 0.04 0.00	27.63 0.00 0.00	30.67 -0.15 0.00	31.14 -0.16 0.00	30.39 -0.21 0.00	31.95 -0.32 0.00	31.02 -0.35 0.00	31.54 -0.32 0.00	31.11 -0.28 0.00	30.14 -0.37 0.00	30.80 -0.31 0.00	34.86 -0.42 0.00	41.92 -0.30 0.00	44.73 -0.22 0.00	43.38 -0.13 0.00	41.95 0.13 0.00	37.69 -0.04 0.00	31.38 0.00 0.00	27.57 0.06 0.00
ONONDAGA___COGEN 23986	23.64 0.12 0.00	19.82 0.08 0.00	19.61 0.04 0.00	18.91 0.02 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.60 -0.03 0.00	30.60 -0.22 0.00	31.08 -0.22 0.00	30.24 -0.37 0.00	31.79 -0.48 0.00	30.89 -0.47 0.00	31.38 -0.48 0.00	30.96 -0.44 0.00	29.99 -0.52 0.00	30.64 -0.47 0.00	34.68 -0.60 0.00	41.83 -0.38 0.00	44.60 -0.36 0.00	43.25 -0.26 0.00	41.78 -0.04 0.00	37.58 -0.15 0.00	31.29 -0.09 0.00	27.49 -0.03 0.00
ONTARIO___LFGE 23819	23.82 0.30 0.00	19.86 0.12 0.00	19.63 0.06 0.00	18.94 0.06 0.00	19.51 0.00 0.00	21.37 0.04 0.00	27.63 0.00 0.00	30.70 -0.12 0.00	31.14 -0.16 0.00	30.30 -0.31 0.00	31.69 -0.58 0.00	30.99 -0.69 0.00	31.72 -0.64 0.00	32.23 -0.60 -1.43	31.20 -0.82 -1.52	31.77 -0.71 -1.38	37.28 -0.95 -2.95	44.85 -0.84 -3.48	45.60 -0.72 -1.36	43.03 -0.48 0.00	42.08 0.25 0.00	37.81 0.08 0.00	31.60 0.22 0.00	27.63 0.11 0.00
ORANGEVILLE_WT_PWR 323706	23.28 -0.24 0.00	19.19 -0.55 0.00	18.96 -0.61 0.00	18.34 -0.55 0.00	18.87 -0.64 0.00	20.63 -0.70 0.00	26.50 -1.13 0.00	29.34 -1.48 0.00	29.82 -1.47 0.00	28.86 -1.74 0.00	29.85 -2.42 0.00	26.52 -2.48 2.37	25.62 -2.45 3.79	18.31 -2.39 10.70	16.43 -2.72 11.36	18.08 -2.71 10.32	9.99 -3.18 22.12	12.57 -3.55 26.10	31.15 -3.60 10.21	40.46 -3.05 0.00	39.78 -2.05 0.00	35.92 -1.81 0.00	30.54 -0.85 0.00	26.63 -0.88 0.00
ORANGEVILLE___ESR 323794	23.28 -0.24 0.00	19.19 -0.55 0.00	18.96 -0.61 0.00	18.34 -0.55 0.00	18.87 -0.64 0.00	20.63 -0.70 0.00	26.50 -1.13 0.00	29.34 -1.48 0.00	29.82 -1.47 0.00	28.86 -1.74 0.00	29.85 -2.42 0.00	26.52 -2.48 2.37	25.62 -2.45 3.79	18.31 -2.39 10.70	16.43 -2.72 11.36	18.08 -2.71 10.32	9.99 -3.18 22.12	12.57 -3.55 26.10	31.15 -3.60 10.21	40.46 -3.05 0.00	39.78 -2.05 0.00	35.92 -1.81 0.00	30.54 -0.85 0.00	26.63 -0.88 0.00
OSWEGATCHIE___HYD 24044	23.38 -0.14 0.00	19.62 -0.12 0.00	19.43 -0.14 0.00	18.76 -0.13 0.00	19.40 -0.12 0.00	21.35 0.02 0.00	27.96 0.33 0.00	31.28 0.46 0.00	31.58 0.28 0.00	30.63 0.03 0.00	32.05 -0.22 0.00	31.05 -0.31 0.00	31.38 -0.48 0.00	30.89 -0.50 0.00	29.89 -0.61 0.00	30.51 -0.59 0.00	34.76 -0.53 0.00	41.79 -0.42 0.00	45.36 0.40 0.00	43.90 0.39 0.00	42.41 0.59 0.00	37.88 0.15 0.00	31.45 0.06 0.00	27.38 -0.14 0.00
OSWEGO___5 23606	23.21 -0.31 0.00	19.44 -0.30 0.00	19.26 -0.31 0.00	18.58 -0.30 0.00	19.18 -0.33 0.00	20.95 -0.38 0.00	27.13 -0.50 0.00	30.05 -0.77 0.00	30.51 -0.78 0.00	29.78 -0.82 0.00	31.34 -0.94 0.00	30.43 -0.94 0.00	30.93 -0.92 0.00	30.52 -0.88 0.00	29.59 -0.91 0.00	30.20 -0.90 0.00	34.23 -1.06 0.00	41.03 -1.18 0.00	43.70 -1.26 0.00	42.33 -1.17 0.00	40.86 -0.96 0.00	36.83 -0.91 0.00	30.69 -0.69 0.00	26.97 -0.55 0.00
OSWEGO___6 23613	23.21 -0.31 0.00	19.44 -0.30 0.00	19.26 -0.31 0.00	18.58 -0.30 0.00	19.18 -0.33 0.00	20.95 -0.38 0.00	27.13 -0.50 0.00	30.05 -0.77 0.00	30.51 -0.78 0.00	29.78 -0.82 0.00	31.34 -0.94 0.00	30.43 -0.94 0.00	30.93 -0.92 0.00	30.52 -0.88 0.00	29.59 -0.91 0.00	30.20 -0.90 0.00	34.23 -1.06 0.00	41.03 -1.18 0.00	43.70 -1.26 0.00	42.33 -1.17 0.00	40.86 -0.96 0.00	36.83 -0.91 0.00	30.69 -0.69 0.00	26.97 -0.55 0.00

OUTOKUMPU-AB___DRP 24206	23.24 -0.28 0.00	19.05 -0.69 0.00	18.79 -0.78 0.00	18.19 -0.70 0.00	18.65 -0.86 0.00	20.44 -0.90 0.00	26.02 -1.60 0.01	29.02 -1.79 0.01	29.57 -1.72 0.01	28.61 -1.99 0.01	29.65 -2.61 0.01	28.60 -2.26 0.50	28.89 -2.17 0.80	27.07 -2.04 2.29	25.69 -2.38 2.43	26.66 -2.24 2.21	27.92 -2.61 4.75	33.99 -2.74 5.48	39.76 -3.01 2.19	40.28 -3.22 0.01	39.52 -2.30 0.01	35.27 -2.45 0.01	30.25 -1.13 0.01	26.54 -0.96 0.01
OXBOW___BTM 323836	23.00 -0.52 0.00	18.83 -0.91 0.00	18.65 -0.92 0.00	18.04 -0.85 0.00	18.46 -1.05 0.00	20.24 -1.09 0.00	25.93 -1.69 0.01	28.71 -2.10 0.01	29.25 -2.03 0.01	28.29 -2.30 0.01	29.32 -2.94 0.01	28.43 -2.45 0.49	28.72 -2.36 0.78	26.97 -2.20 2.23	25.60 -2.53 2.37	26.56 -2.39 2.15	27.97 -2.68 4.63	33.95 -2.96 5.31	39.64 -3.19 2.13	39.84 -3.65 0.01	39.05 -2.76 0.01	35.19 -2.53 0.01	30.11 -1.26 0.01	26.26 -1.24 0.01
OXBOW___ 24026	22.98 -0.54 0.00	18.83 -0.91 0.00	18.59 -0.98 0.00	18.04 -0.85 0.00	18.46 -1.05 0.00	20.24 -1.09 0.00	25.74 -1.88 0.01	28.71 -2.10 0.01	29.25 -2.03 0.01	28.29 -2.30 0.01	29.32 -2.94 0.01	28.40 -2.48 0.49	28.72 -2.36 0.78	26.94 -2.23 2.23	25.60 -2.53 2.37	26.56 -2.40 2.15	27.87 -2.79 4.63	33.95 -2.96 5.31	39.59 -3.24 2.13	39.84 -3.65 0.01	39.05 -2.76 0.01	34.85 -2.87 0.01	29.89 -1.48 0.01	26.26 -1.24 0.01
OXY_CHEM_DSASP 323612	22.67 -0.85 0.00	18.55 -1.18 0.00	18.32 -1.25 0.00	17.85 -1.04 0.00	18.21 -1.31 0.00	19.99 -1.34 0.00	25.40 -2.21 0.02	28.27 -2.53 0.02	28.80 -2.47 0.02	27.86 -2.72 0.02	28.90 -3.36 0.02	28.10 -2.79 0.48	28.42 -2.68 0.76	26.72 -2.51 2.17	25.39 -2.81 2.30	26.34 -2.68 2.09	27.67 -3.11 4.51	33.70 -3.38 5.14	39.24 -3.64 2.07	39.18 -4.31 0.02	38.42 -3.39 0.02	34.32 -3.40 0.02	29.42 -1.95 0.02	25.90 -1.60 0.02
OZONE_PARK_ESR 323760	25.28 1.76 0.00	21.30 1.56 0.00	21.00 1.43 0.00	20.25 1.36 0.00	20.98 1.46 0.00	22.76 1.43 0.00	29.29 1.66 0.00	32.85 2.03 0.00	33.58 2.28 0.00	33.08 2.48 0.00	34.92 2.65 0.00	34.03 2.67 0.00	34.59 2.74 0.00	34.22 2.83 0.00	33.59 3.08 0.00	34.22 3.11 0.00	38.64 3.35 0.00	46.06 3.84 0.00	48.78 3.82 0.00	47.21 3.70 0.00	45.34 3.51 0.00	40.67 2.94 0.00	34.11 2.73 0.00	29.85 2.34 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.67 -0.85 0.00	18.55 -1.18 0.00	18.32 -1.25 0.00	17.85 -1.04 0.00	18.21 -1.31 0.00	19.99 -1.34 0.00	25.40 -2.21 0.02	28.27 -2.53 0.02	28.80 -2.47 0.02	27.86 -2.72 0.02	28.90 -3.36 0.02	28.10 -2.79 0.48	28.42 -2.68 0.76	26.72 -2.51 2.17	25.39 -2.81 2.30	26.34 -2.68 2.09	27.67 -3.11 4.51	33.70 -3.38 5.14	39.24 -3.64 2.07	39.18 -4.31 0.02	38.42 -3.39 0.02	34.32 -3.40 0.02	29.42 -1.95 0.02	25.90 -1.60 0.02
PACKARD__115KV_DUPONT_184 80571	22.67 -0.85 0.00	18.55 -1.18 0.00	18.32 -1.25 0.00	17.85 -1.04 0.00	18.21 -1.31 0.00	19.99 -1.34 0.00	25.40 -2.21 0.02	28.27 -2.53 0.02	28.80 -2.47 0.02	27.86 -2.72 0.02	28.90 -3.36 0.02	28.10 -2.79 0.48	28.42 -2.68 0.76	26.72 -2.51 2.17	25.39 -2.81 2.30	26.34 -2.68 2.09	27.67 -3.11 4.51	33.70 -3.38 5.14	39.24 -3.64 2.07	39.18 -4.31 0.02	38.42 -3.39 0.02	34.32 -3.40 0.02	29.42 -1.95 0.02	25.90 -1.60 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.16 1.65 0.00	21.27 1.52 -0.01	20.98 1.41 0.00	20.21 1.32 0.00	20.94 1.42 0.00	22.55 1.22 0.00	28.98 1.35 0.00	32.55 1.73 0.00	33.23 1.94 0.00	32.78 2.17 0.00	34.56 2.29 0.00	33.72 2.35 0.00	34.28 2.42 0.00	33.88 2.48 0.00	33.28 2.78 0.00	33.88 2.77 0.00	38.25 2.96 0.00	45.51 3.29 0.00	48.10 3.15 0.00	46.55 3.05 0.00	44.71 2.89 0.00	40.22 2.49 0.00	33.86 2.48 0.00	29.72 2.20 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.35 1.83 0.00	21.44 1.70 -0.01	21.14 1.57 0.00	20.36 1.47 0.00	21.09 1.58 0.00	22.72 1.39 0.00	29.21 1.57 0.00	32.76 1.94 0.00	33.49 2.19 0.00	32.99 2.39 0.00	34.82 2.55 0.00	33.94 2.57 0.00	34.47 2.61 0.00	34.10 2.70 0.00	33.52 3.02 0.00	34.12 3.02 0.00	38.53 3.25 0.00	45.84 3.63 0.00	48.51 3.55 0.00	46.94 3.44 0.00	45.09 3.26 0.00	40.56 2.83 0.00	34.15 2.76 0.00	29.96 2.45 0.00
PATROON__115KV_TB1 80586	24.41 0.89 0.00	20.57 0.83 0.00	20.37 0.80 0.00	19.64 0.76 0.00	20.25 0.74 0.00	22.10 0.77 0.00	28.32 0.69 0.00	31.68 0.86 0.00	24.74 0.63 7.18	20.45 0.83 10.98	24.21 0.84 8.91	32.18 0.82 0.00	32.65 0.80 0.00	32.27 0.88 0.00	31.51 1.01 0.00	32.13 1.03 0.00	36.27 0.99 0.00	43.10 0.89 0.00	45.72 0.76 0.00	44.51 1.00 0.00	42.79 0.96 0.00	38.60 0.87 0.00	32.32 0.94 0.00	28.62 1.10 0.00
PATTRSNVILLE___SOLAR 323815	24.60 1.08 0.00	20.65 0.91 0.00	20.45 0.88 0.00	19.72 0.83 0.00	20.39 0.88 0.00	22.29 0.96 0.00	28.65 1.02 0.00	31.99 1.17 0.00	32.51 1.22 0.00	31.77 1.16 0.00	33.50 1.23 0.00	32.49 1.13 0.00	32.90 1.05 0.00	32.49 1.10 0.00	31.63 1.13 0.00	32.26 1.15 0.00	36.48 1.20 0.00	43.65 1.44 0.00	46.49 1.53 0.00	45.38 1.87 0.00	43.75 1.93 0.00	39.35 1.62 0.00	32.86 1.48 0.00	28.84 1.32 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.33 -0.19 0.00	19.19 -0.55 0.00	18.94 -0.63 0.00	18.30 -0.59 0.00	18.81 -0.70 0.00	20.56 -0.77 0.00	26.28 -1.35 0.00	29.37 -1.45 0.00	29.92 -1.38 0.00	28.98 -1.62 0.00	30.05 -2.23 0.00	28.66 -2.20 0.51	28.85 -2.20 0.81	27.03 -2.07 2.29	25.54 -2.53 2.43	26.41 -2.49 2.21	27.57 -2.96 4.75	33.22 -3.46 5.53	39.13 -3.64 2.19	40.90 -2.61 0.00	40.07 -1.76 0.00	35.77 -1.96 0.00	30.57 -0.82 0.00	26.72 -0.80 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.14 1.62 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.15 1.27 0.00	20.86 1.35 0.00	22.72 1.39 0.00	29.26 1.63 0.00	32.82 2.00 0.00	33.45 2.16 0.00	32.90 2.30 0.00	34.76 2.48 0.00	33.72 2.35 0.00	34.21 2.36 0.00	33.81 2.42 0.00	33.13 2.62 0.00	33.72 2.61 0.00	38.18 2.89 0.00	45.63 3.42 0.00	48.37 3.42 0.00	46.81 3.31 0.00	45.00 3.18 0.00	40.26 2.53 0.00	33.67 2.29 0.00	29.55 2.04 0.00
PEEKSKILL___ 23653	24.95 1.43 0.00	21.00 1.26 0.00	20.74 1.17 0.00	20.02 1.13 0.00	20.72 1.21 0.00	22.53 1.19 0.00	28.90 1.27 0.00	32.42 1.60 0.00	33.05 1.75 0.00	32.56 1.96 0.00	34.34 2.07 0.00	33.43 2.07 0.00	33.96 2.10 0.00	33.59 2.20 0.00	32.91 2.41 0.00	33.53 2.43 0.00	37.90 2.61 0.00	45.21 3.00 0.00	47.92 2.97 0.00	46.38 2.87 0.00	44.58 2.76 0.00	39.84 2.11 0.00	33.45 2.07 0.00	29.36 1.84 0.00
PGE MADISON___WINDPWR 24146	24.79 1.27 0.00	20.78 1.05 0.00	20.57 1.00 0.00	19.85 0.96 0.00	20.57 1.05 0.00	22.68 1.34 0.00	29.32 1.69 0.00	32.79 1.97 0.00	33.27 1.97 0.00	32.16 1.56 0.00	33.76 1.49 0.00	32.73 1.26 -0.11	33.34 1.31 -0.18	33.19 1.29 -0.50	32.07 1.04 -0.53	32.77 1.18 -0.48	37.66 1.34 -1.03	45.50 2.07 -1.22	48.27 2.83 -0.48	46.51 3.00 0.00	45.21 3.39 0.00	40.68 2.94 0.00	33.64 2.26 0.00	29.30 1.79 0.00

PIERCEFIELD___HYD 23852	22.79 -0.73 0.00	19.15 -0.59 0.00	19.02 -0.55 0.00	18.38 -0.51 0.00	18.99 -0.53 0.00	20.95 -0.38 0.00	27.46 -0.17 0.00	30.82 0.00 0.00	31.23 -0.06 0.00	30.39 -0.21 0.00	32.11 -0.16 0.00	31.11 -0.25 0.00	31.22 -0.64 0.00	30.70 -0.69 0.00	29.68 -0.82 0.00	30.20 -0.90 0.00	34.54 -0.74 0.00	41.41 -0.80 0.00	44.60 -0.36 0.00	42.85 -0.65 0.00	41.20 -0.63 0.00	37.17 -0.57 0.00	30.85 -0.53 0.00	26.77 -0.74 0.00
PINELAWN_CC_1 323563	25.55 2.02 -0.01	23.64 1.81 -2.09	21.42 1.70 -0.14	20.67 1.64 -0.14	21.34 1.76 -0.07	23.13 1.79 -0.01	29.57 1.93 -0.01	33.14 2.31 -0.01	33.78 2.47 -0.01	33.18 2.57 -0.01	36.54 2.68 -1.59	35.85 2.73 -1.76	36.50 2.74 -1.90	36.48 2.79 -2.29	36.66 2.99 -3.17	37.34 2.99 -3.24	38.43 3.14 -0.01	46.03 3.80 -0.01	48.79 3.82 -0.01	47.30 3.78 -0.01	45.29 3.47 0.00	40.30 2.57 0.00	37.72 2.76 -3.57	32.37 2.50 -2.35
PJM_GEN_HTTP_PROXY 323702	25.07 1.55 0.00	21.12 1.38 0.00	20.84 1.27 0.00	20.10 1.21 0.00	20.82 1.31 0.00	22.61 1.28 0.00	29.01 1.38 0.00	32.58 1.76 0.00	33.27 1.97 0.00	32.81 2.20 0.00	34.60 2.32 0.00	33.75 2.38 0.00	34.27 2.42 0.00	33.88 2.48 0.00	33.25 2.75 0.00	33.87 2.77 0.00	38.25 2.96 0.00	45.59 3.38 0.00	48.24 3.28 0.00	46.68 3.17 0.00	44.84 3.01 0.00	40.15 2.42 0.00	33.71 2.32 0.00	29.58 2.06 0.00
PJM_GEN_KEystone 24065	24.01 0.49 0.00	20.04 0.30 0.00	19.79 0.22 0.00	19.11 0.23 0.00	19.73 0.22 0.00	21.52 0.19 0.00	27.63 0.00 0.00	30.82 0.00 0.00	31.39 0.09 0.00	30.73 0.12 0.00	32.21 -0.06 0.00	31.17 -0.09 0.10	31.60 -0.03 0.22	30.98 0.03 0.45	30.09 0.06 0.47	30.80 0.12 0.43	34.36 0.00 0.92	41.17 0.04 1.09	44.53 0.00 0.43	43.68 0.17 0.00	42.29 0.46 0.00	37.88 0.15 0.00	31.92 0.53 0.00	27.98 0.47 0.00
PJM_GEN_NEPTUNE_PROXY 323594	25.22 1.69 -0.01	23.20 1.54 -1.92	21.03 1.45 -0.01	20.29 1.40 -0.01	21.02 1.50 -0.01	22.83 1.49 -0.01	29.21 1.57 -0.01	32.77 1.94 -0.01	33.37 2.06 -0.01	32.84 2.23 -0.01	36.00 2.26 -1.47	35.30 2.32 -1.62	35.93 2.32 -1.75	35.89 2.38 -2.11	36.01 2.59 -2.92	36.64 2.55 -2.99	38.01 2.72 -0.01	45.52 3.29 -0.01	48.24 3.28 -0.01	46.78 3.26 -0.01	44.75 2.93 0.00	39.88 2.15 0.00	34.63 2.32 -0.92	31.80 2.12 -2.17
PJM_GEN_VFT_PROXY 323633	24.93 1.41 0.00	21.04 1.30 0.00	20.74 1.17 0.00	20.02 1.13 0.00	20.74 1.23 0.00	22.48 1.15 0.00	28.87 1.24 0.00	32.42 1.60 0.00	33.14 1.85 0.00	32.65 2.05 0.00	34.47 2.20 0.00	33.62 2.26 0.00	34.15 2.29 0.00	33.78 2.38 0.00	33.19 2.69 0.00	33.81 2.70 0.00	38.18 2.89 0.00	45.42 3.21 0.00	48.15 3.19 0.00	46.55 3.04 0.00	44.67 2.85 0.00	40.03 2.30 0.00	33.58 2.20 0.00	29.47 1.95 0.00
PLATSBURG_115KV_PMLD1 355749	22.86 -0.66 0.00	19.19 -0.55 0.00	19.06 -0.51 0.00	18.40 -0.49 0.00	19.01 -0.51 0.00	20.93 -0.41 0.00	27.41 -0.22 0.00	30.82 0.00 0.00	31.45 0.16 0.00	30.73 0.12 0.00	32.53 0.26 0.00	31.58 0.22 0.00	31.98 0.13 0.00	31.43 0.03 0.00	30.35 -0.15 0.00	30.83 -0.28 0.00	35.00 -0.28 0.00	41.83 -0.38 0.00	44.73 -0.22 0.00	43.07 -0.44 0.00	41.36 -0.46 0.00	37.35 -0.38 0.00	30.76 -0.63 0.00	26.77 -0.74 0.00
PLEASANTVLY___LBMP 24000	24.79 1.27 0.00	20.86 1.13 0.00	20.63 1.06 0.00	19.91 1.02 0.00	20.61 1.09 0.00	22.38 1.05 0.00	28.71 1.08 0.00	32.14 1.33 0.00	32.70 1.41 0.00	32.19 1.59 0.00	33.95 1.68 0.00	33.09 1.73 0.00	33.61 1.75 0.00	33.22 1.82 0.00	32.55 2.04 0.00	33.13 2.02 0.00	37.44 2.15 0.00	44.62 2.41 0.00	47.29 2.34 0.00	45.90 2.39 0.00	44.08 2.26 0.00	39.58 1.85 0.00	33.17 1.79 0.00	29.11 1.60 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.00 1.48 0.00	21.04 1.30 0.00	20.78 1.21 0.00	20.06 1.17 0.00	20.76 1.25 0.00	22.57 1.24 0.00	28.96 1.33 0.00	32.48 1.66 0.00	33.11 1.82 0.00	32.62 2.02 0.00	34.40 2.13 0.00	33.53 2.16 0.00	34.05 2.20 0.00	33.69 2.29 0.00	33.01 2.50 0.00	33.63 2.52 0.00	38.00 2.72 0.00	45.30 3.08 0.00	48.01 3.06 0.00	46.51 3.00 0.00	44.67 2.84 0.00	40.03 2.30 0.00	33.58 2.20 0.00	29.44 1.93 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.00 1.48 0.00	21.04 1.30 0.00	20.78 1.21 0.00	20.06 1.17 0.00	20.76 1.25 0.00	22.57 1.24 0.00	28.96 1.33 0.00	32.48 1.66 0.00	33.11 1.82 0.00	32.62 2.02 0.00	34.40 2.13 0.00	33.53 2.16 0.00	34.05 2.20 0.00	33.69 2.29 0.00	33.01 2.50 0.00	33.63 2.52 0.00	38.00 2.72 0.00	45.30 3.08 0.00	48.01 3.06 0.00	46.51 3.00 0.00	44.67 2.84 0.00	40.03 2.30 0.00	33.58 2.20 0.00	29.44 1.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.95 1.43 0.00	21.00 1.26 0.00	20.75 1.17 0.00	20.02 1.13 0.00	20.72 1.21 0.00	22.55 1.22 0.00	28.85 1.22 0.00	32.24 1.42 0.00	32.83 1.53 0.00	32.29 1.68 0.00	34.05 1.77 0.00	33.25 1.88 0.00	33.80 1.94 0.00	33.37 1.98 0.00	32.73 2.23 0.00	33.32 2.21 0.00	37.68 2.40 0.00	45.09 2.87 0.00	47.83 2.88 0.00	46.38 2.87 0.00	44.59 2.76 0.00	39.96 2.23 0.00	33.45 2.07 0.00	29.33 1.82 0.00
POLETTI_____ 23519	25.02 1.51 0.00	21.12 1.38 0.00	20.82 1.25 0.00	20.10 1.21 0.00	20.80 1.29 0.00	22.57 1.24 0.00	29.00 1.38 0.02	32.53 1.73 0.02	33.22 1.94 0.02	32.76 2.17 0.02	34.55 2.29 0.02	33.70 2.35 0.02	34.23 2.39 0.02	33.86 2.48 0.02	33.23 2.75 0.02	33.83 2.74 0.02	38.25 2.96 0.00	45.55 3.33 0.00	48.19 3.24 0.00	46.62 3.13 0.02	44.78 2.97 0.02	40.22 2.49 0.00	33.74 2.35 0.00	29.55 2.04 0.00
POMONA___ESR 323819	24.93 1.41 0.00	20.98 1.24 0.00	20.73 1.15 0.00	20.00 1.11 0.00	20.68 1.17 0.00	22.50 1.17 0.00	28.87 1.24 0.00	32.36 1.54 0.00	33.01 1.72 0.00	32.50 1.90 0.00	34.27 2.00 0.00	33.43 2.07 0.00	33.96 2.10 0.00	33.59 2.20 0.00	32.95 2.44 0.00	33.56 2.46 0.00	37.90 2.61 0.00	45.29 3.08 0.00	48.01 3.06 0.00	46.47 2.96 0.00	44.67 2.85 0.00	39.84 2.11 0.00	33.42 2.04 0.00	29.33 1.82 0.00
PORT_JEFF_3 23555	25.62 2.09 -0.01	23.71 1.91 -2.06	22.94 1.82 -1.55	22.14 1.76 -1.49	22.08 1.85 -0.71	23.26 1.92 -0.01	29.57 1.93 -0.01	33.26 2.43 -0.01	33.93 2.63 -0.01	33.31 2.69 -0.01	36.63 2.84 -1.52	35.89 2.85 -1.67	36.53 2.87 -1.81	36.46 2.89 -2.18	36.60 3.08 -3.02	37.28 3.08 -3.09	38.50 3.21 -0.01	46.18 3.88 -0.08	48.95 3.91 -0.08	47.39 3.87 -0.01	45.34 3.51 0.00	40.30 2.57 0.00	36.14 2.76 -2.00	32.26 2.50 -2.24
PORT_JEFF_4 23616	25.62 2.09 -0.01	23.71 1.91 -2.06	22.94 1.82 -1.55	22.14 1.76 -1.49	22.08 1.85 -0.71	23.26 1.92 -0.01	29.57 1.93 -0.01	33.26 2.43 -0.01	33.93 2.63 -0.01	33.31 2.69 -0.01	36.63 2.84 -1.52	35.89 2.85 -1.67	36.53 2.87 -1.81	36.46 2.89 -2.18	36.60 3.08 -3.02	37.28 3.08 -3.09	38.50 3.21 -0.01	46.18 3.88 -0.08	48.95 3.91 -0.08	47.39 3.87 -0.01	45.34 3.51 0.00	40.30 2.57 0.00	36.14 2.76 -2.00	32.26 2.50 -2.24

PORT_JEFF_IC 23713	25.64 2.12 -0.01	23.77 1.95 -2.07	23.21 1.86 -1.78	22.38 1.78 -1.72	22.22 1.89 -0.82	23.26 1.92 -0.01	29.63 1.99 -0.01	33.32 2.50 -0.01	33.96 2.66 -0.01	33.34 2.72 -0.01	36.66 2.87 -1.52	35.93 2.89 -1.68	36.60 2.93 -1.81	36.53 2.95 -2.18	36.67 3.14 -3.02	37.34 3.14 -3.09	38.61 3.32 -0.01	46.27 3.97 -0.09	49.05 4.00 -0.09	47.48 3.96 -0.01	45.42 3.60 0.00	40.52 2.79 0.00	36.32 2.89 -2.05	32.29 2.53 -2.25
PPL PILGRIM_ST_GT1 24216	25.71 2.19 -0.01	23.67 1.91 -2.02	21.72 1.80 -0.35	20.97 1.74 -0.34	21.53 1.85 -0.17	23.28 1.94 -0.01	29.71 2.07 -0.01	33.38 2.56 -0.01	34.02 2.72 -0.01	33.43 2.81 -0.01	36.74 2.94 -1.53	36.03 2.98 -1.69	36.67 2.99 -1.83	36.61 3.01 -2.20	36.75 3.20 -3.04	37.43 3.20 -3.11	38.61 3.32 -0.01	46.20 3.97 -0.02	48.98 4.00 -0.02	47.56 4.05 -0.01	45.51 3.68 0.00	40.48 2.75 0.00	36.59 2.95 -2.26	32.44 2.67 -2.26
PPL PILGRIM_ST_GT2 24217	25.71 2.19 -0.01	23.67 1.91 -2.02	21.72 1.80 -0.35	20.97 1.74 -0.34	21.53 1.85 -0.17	23.28 1.94 -0.01	29.71 2.07 -0.01	33.38 2.56 -0.01	34.02 2.72 -0.01	33.43 2.81 -0.01	36.74 2.94 -1.53	36.03 2.98 -1.69	36.67 2.99 -1.83	36.61 3.01 -2.20	36.75 3.20 -3.04	37.43 3.20 -3.11	38.61 3.32 -0.01	46.20 3.97 -0.02	48.98 4.00 -0.02	47.56 4.05 -0.01	45.51 3.68 0.00	40.48 2.75 0.00	36.59 2.95 -2.26	32.44 2.67 -2.26
PPL_SHRM_GT3 24213	25.48 1.95 -0.01	23.74 1.94 -2.06	22.99 1.84 -1.58	22.19 1.77 -1.52	22.13 1.89 -0.73	23.22 1.88 -0.01	29.30 1.66 -0.01	33.11 2.28 -0.01	33.77 2.47 -0.01	33.00 2.39 -0.01	36.34 2.55 -1.52	35.58 2.54 -1.67	36.22 2.55 -1.81	36.12 2.54 -2.18	36.27 2.75 -3.02	36.97 2.77 -3.09	38.12 2.82 -0.01	45.76 3.46 -0.08	48.50 3.46 -0.08	46.95 3.44 -0.01	44.88 3.05 0.00	39.84 2.11 0.00	35.79 2.38 -2.02	31.93 2.17 -2.24
PPL_SHRM_GT4 24214	25.48 1.95 -0.01	23.74 1.94 -2.06	22.99 1.84 -1.58	22.19 1.77 -1.52	22.13 1.89 -0.73	23.22 1.88 -0.01	29.30 1.66 -0.01	33.11 2.28 -0.01	33.77 2.47 -0.01	33.00 2.39 -0.01	36.34 2.55 -1.52	35.58 2.54 -1.67	36.22 2.55 -1.81	36.12 2.54 -2.18	36.27 2.75 -3.02	36.97 2.77 -3.09	38.12 2.82 -0.01	45.76 3.46 -0.08	48.50 3.46 -0.08	46.95 3.44 -0.01	44.88 3.05 0.00	39.84 2.11 0.00	35.79 2.38 -2.02	31.93 2.17 -2.24
PROJECT___ORANGE 1 24174	23.66 0.14 0.00	19.82 0.08 0.00	19.61 0.04 0.00	18.93 0.04 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.57 -0.06 0.00	30.60 -0.22 0.00	31.08 -0.22 0.00	30.36 -0.24 0.00	31.92 -0.35 0.00	30.99 -0.38 0.00	31.50 -0.35 0.00	31.08 -0.31 0.00	30.11 -0.40 0.00	30.76 -0.34 0.00	34.83 -0.46 0.00	41.83 -0.38 0.00	44.60 -0.36 0.00	43.25 -0.26 0.00	41.78 -0.04 0.00	37.58 -0.15 0.00	31.32 -0.06 0.00	27.52 0.00 0.00
PROJECT___ORANGE 2 24166	23.66 0.14 0.00	19.82 0.08 0.00	19.61 0.04 0.00	18.93 0.04 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.57 -0.06 0.00	30.60 -0.22 0.00	31.08 -0.22 0.00	30.36 -0.24 0.00	31.92 -0.35 0.00	30.99 -0.38 0.00	31.50 -0.35 0.00	31.08 -0.31 0.00	30.11 -0.40 0.00	30.76 -0.34 0.00	34.83 -0.46 0.00	41.83 -0.38 0.00	44.60 -0.36 0.00	43.25 -0.26 0.00	41.78 -0.04 0.00	37.58 -0.15 0.00	31.32 -0.06 0.00	27.52 0.00 0.00
PUCKETT___SOLAR 323809	24.11 0.59 0.00	20.15 0.42 0.00	19.96 0.39 0.00	19.26 0.38 0.00	19.88 0.37 0.00	21.76 0.43 0.00	28.07 0.44 0.00	31.28 0.46 0.00	31.73 0.44 0.00	30.91 0.31 0.00	32.37 0.10 0.00	31.33 -0.03 0.00	31.86 0.00 0.00	31.40 0.00 0.00	30.41 -0.09 0.00	31.11 0.00 0.00	35.25 -0.04 0.00	42.43 0.21 0.00	45.41 0.45 0.00	44.25 0.74 0.00	42.87 1.05 0.00	38.56 0.83 0.00	32.17 0.78 0.00	28.15 0.63 0.00
PYRITES___HYD 24023	23.16 -0.35 0.00	19.44 -0.30 0.00	19.34 -0.23 0.00	18.68 -0.21 0.00	19.32 -0.20 0.00	21.37 0.04 0.00	27.96 0.33 0.00	31.41 0.59 0.00	31.80 0.50 0.00	30.82 0.21 0.00	32.60 0.32 0.00	31.55 0.19 0.00	31.79 -0.06 0.00	31.24 -0.16 0.00	30.20 -0.31 0.00	30.73 -0.37 0.00	35.21 -0.07 0.00	42.26 0.04 0.00	45.59 0.63 0.00	43.86 0.35 0.00	42.29 0.46 0.00	38.18 0.45 0.00	31.45 0.06 0.00	27.21 -0.30 0.00
QUAKERRD_115KV_BK1 80622	23.00 -0.52 0.00	19.11 -0.63 0.00	18.91 -0.67 0.00	18.25 -0.64 0.00	18.79 -0.72 0.00	20.54 -0.79 0.00	26.39 -1.24 0.00	29.37 -1.45 0.00	29.82 -1.47 0.00	29.01 -1.59 0.00	30.43 -1.84 0.00	29.48 -1.88 0.00	30.07 -1.78 0.00	29.64 -1.76 0.00	28.64 -1.86 0.00	29.40 -1.71 0.00	33.17 -2.12 0.00	40.02 -2.20 0.00	42.71 -2.25 0.00	41.25 -2.26 0.00	40.28 -1.55 0.00	36.00 -1.74 0.00	30.25 -1.13 0.00	26.61 -0.91 0.00
QUENSBRY_115KV_TB8 356137	25.30 1.79 0.00	21.22 1.48 0.00	20.96 1.39 0.00	20.17 1.28 0.00	20.86 1.35 0.00	22.91 1.58 0.00	29.43 1.80 0.00	32.92 2.10 0.00	38.24 2.25 -4.69	39.92 2.14 -7.17	40.41 2.32 -5.82	33.65 2.29 0.00	34.08 2.23 0.00	33.69 2.29 0.00	32.79 2.29 0.00	33.47 2.36 0.00	37.54 2.26 0.00	44.83 2.62 0.00	47.65 2.70 0.00	46.51 3.00 0.00	44.79 2.97 0.00	40.52 2.79 0.00	33.83 2.45 0.00	29.72 2.20 0.00
RAMAPO___LBMP 323565	24.83 1.32 0.00	20.90 1.16 0.00	20.65 1.08 0.00	19.93 1.04 0.00	20.62 1.11 0.00	22.42 1.09 0.00	28.76 1.13 0.00	32.21 1.39 0.00	32.83 1.53 0.00	32.32 1.71 0.00	34.11 1.84 0.00	33.22 1.85 0.00	33.73 1.88 0.00	33.37 1.98 0.00	32.70 2.20 0.00	33.35 2.24 0.00	37.68 2.40 0.00	44.96 2.74 0.00	47.65 2.70 0.00	46.16 2.65 0.00	44.33 2.51 0.00	39.77 2.04 0.00	33.33 1.95 0.00	29.22 1.71 0.00
RANKINE____ 23646	23.35 -0.16 0.00	19.17 -0.57 0.00	18.92 -0.65 0.00	18.28 -0.60 0.00	18.79 -0.72 0.00	20.54 -0.79 0.00	26.22 -1.41 0.00	29.28 -1.54 0.00	29.82 -1.47 0.00	28.89 -1.71 0.00	29.92 -2.36 0.59	28.45 -2.32 0.94	28.62 -2.29 2.67	26.56 -2.17 2.67	25.14 -2.53 2.83	26.11 -2.43 2.57	26.94 -2.82 5.52	32.63 -3.12 6.46	39.08 -3.33 2.55	40.64 -2.87 0.00	39.86 -1.97 0.00	35.58 -2.15 0.00	30.47 -0.91 0.00	26.72 -0.80 0.00
RAVENSWOOD_GT2_1 24244	25.09 1.58 0.00	21.14 1.40 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.28 2.78 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.26 2.53 0.00	33.80 2.42 0.00	29.61 2.09 0.00
RAVENSWOOD_GT2_2 24245	25.09 1.58 0.00	21.14 1.40 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.28 2.78 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.26 2.53 0.00	33.80 2.42 0.00	29.61 2.09 0.00

RAVENSWOOD_GT2_3 24246	25.09 1.58 0.00	21.16 1.42 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.09 1.46 0.00	32.64 1.82 0.00	33.33 2.03 0.00	32.84 2.23 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.63 3.42 0.00	48.28 3.33 0.00	46.77 3.26 0.00	44.88 3.05 0.00	40.30 2.57 0.00	33.80 2.42 0.00	29.61 2.09 0.00
RAVENSWOOD_GT2_4 24247	25.09 1.58 0.00	21.16 1.42 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.09 1.46 0.00	32.64 1.82 0.00	33.33 2.03 0.00	32.84 2.23 0.00	34.63 2.36 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.94 2.54 0.00	33.31 2.81 0.00	33.94 2.83 0.00	38.32 3.03 0.00	45.63 3.42 0.00	48.28 3.33 0.00	46.77 3.26 0.00	44.88 3.05 0.00	40.30 2.57 0.00	33.80 2.42 0.00	29.61 2.09 0.00
RAVENSWOOD_GT3_1 24248	25.09 1.58 0.00	21.14 1.40 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.84 2.23 0.00	34.63 2.36 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.28 2.78 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.30 2.57 0.00	33.80 2.42 0.00	29.61 2.09 0.00
RAVENSWOOD_GT3_2 24249	25.09 1.58 0.00	21.14 1.40 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.84 2.23 0.00	34.63 2.36 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.28 2.78 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.30 2.57 0.00	33.80 2.42 0.00	29.61 2.09 0.00
RAVENSWOOD_GT3_3 24250	25.12 1.60 0.00	21.18 1.44 0.00	20.88 1.31 0.00	20.15 1.27 0.00	20.86 1.35 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.67 1.85 0.00	33.36 2.07 0.00	32.87 2.26 0.00	34.69 2.42 0.00	33.81 2.45 0.00	34.34 2.48 0.00	33.97 2.57 0.00	33.34 2.84 0.00	33.97 2.86 0.00	38.35 3.07 0.00	45.68 3.46 0.00	48.37 3.42 0.00	46.81 3.31 0.00	44.96 3.14 0.00	40.33 2.60 0.00	33.83 2.45 0.00	29.63 2.12 0.00
RAVENSWOOD_GT3_4 24251	25.12 1.60 0.00	21.18 1.44 0.00	20.88 1.31 0.00	20.15 1.27 0.00	20.86 1.35 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.67 1.85 0.00	33.36 2.07 0.00	32.87 2.26 0.00	34.69 2.42 0.00	33.81 2.45 0.00	34.34 2.48 0.00	33.97 2.57 0.00	33.34 2.84 0.00	33.97 2.86 0.00	38.35 3.07 0.00	45.68 3.46 0.00	48.37 3.42 0.00	46.81 3.31 0.00	44.96 3.14 0.00	40.33 2.60 0.00	33.83 2.45 0.00	29.63 2.12 0.00
RAVENSWOOD_GT_1 23729	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.40 0.00	22.65 1.32 0.00	29.12 1.49 0.00	32.70 1.88 0.00	33.39 2.10 0.00	32.93 2.33 0.00	34.72 2.45 0.00	33.87 2.51 0.00	34.40 2.55 0.00	34.03 2.64 0.00	33.40 2.90 0.00	34.03 2.92 0.00	38.39 3.11 0.00	45.72 3.50 0.00	48.33 3.37 0.00	46.77 3.26 0.00	44.92 3.10 0.00	40.37 2.64 0.00	33.89 2.51 0.00	29.72 2.20 0.00
RAVENSWOOD_GT_10 24258	25.09 1.58 0.00	21.14 1.40 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.28 2.78 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.26 2.53 0.00	33.80 2.42 0.00	29.61 2.09 0.00
RAVENSWOOD_GT_11 24259	25.09 1.58 0.00	21.14 1.40 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.28 2.78 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.26 2.53 0.00	33.80 2.42 0.00	29.61 2.09 0.00
RAVENSWOOD_GT_4 24252	25.07 1.55 0.00	21.13 1.38 -0.01	20.84 1.27 0.00	20.12 1.23 0.00	20.82 1.31 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.60 2.32 0.00	33.75 2.38 0.00	34.28 2.42 0.00	33.91 2.51 0.00	33.25 2.75 0.00	33.88 2.77 0.00	38.25 2.96 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.26 2.53 0.00	33.77 2.39 0.00	29.58 2.06 0.00
RAVENSWOOD_GT_5 24254	25.07 1.55 0.00	21.13 1.38 -0.01	20.84 1.27 0.00	20.12 1.23 0.00	20.82 1.31 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.60 2.32 0.00	33.75 2.38 0.00	34.28 2.42 0.00	33.91 2.51 0.00	33.25 2.75 0.00	33.88 2.77 0.00	38.25 2.96 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.26 2.53 0.00	33.77 2.39 0.00	29.58 2.06 0.00
RAVENSWOOD_GT_6 24253	25.07 1.55 0.00	21.13 1.38 -0.01	20.84 1.27 0.00	20.12 1.23 0.00	20.82 1.31 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.60 2.32 0.00	33.75 2.38 0.00	34.28 2.42 0.00	33.91 2.51 0.00	33.25 2.75 0.00	33.88 2.77 0.00	38.25 2.96 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.26 2.53 0.00	33.77 2.39 0.00	29.58 2.06 0.00
RAVENSWOOD_GT_7 24255	25.07 1.55 0.00	21.13 1.38 -0.01	20.84 1.27 0.00	20.12 1.23 0.00	20.82 1.31 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.60 2.32 0.00	33.75 2.38 0.00	34.28 2.42 0.00	33.91 2.51 0.00	33.25 2.75 0.00	33.88 2.77 0.00	38.25 2.96 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.26 2.53 0.00	33.77 2.39 0.00	29.58 2.06 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.09 1.58 0.00	21.14 1.40 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.28 2.78 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.26 2.53 0.00	33.80 2.42 0.00	29.61 2.09 0.00
RAVENSWOOD_GT_9 24257	25.09 1.58 0.00	21.14 1.40 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.61 1.28 0.00	29.07 1.44 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.81 2.20 0.00	34.63 2.36 0.00	33.75 2.38 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.28 2.78 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.26 2.53 0.00	33.80 2.42 0.00	29.61 2.09 0.00

RAVENSWOOD___1 23533	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.41 0.00	22.66 1.32 0.00	29.09 1.46 0.00	32.70 1.88 0.00	33.39 2.10 0.00	32.93 2.32 0.00	34.72 2.45 0.00	33.88 2.51 0.00	34.43 2.58 0.00	34.03 2.64 0.00	33.40 2.90 0.00	34.03 2.92 0.00	38.39 3.11 0.00	45.72 3.50 0.00	48.33 3.37 0.00	46.77 3.26 0.00	44.92 3.09 0.00	40.30 2.57 0.00	33.83 2.45 0.00	29.72 2.20 0.00
RAVENSWOOD___2 23534	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.41 0.00	22.66 1.32 0.00	29.09 1.46 0.00	32.70 1.88 0.00	33.39 2.10 0.00	32.93 2.32 0.00	34.72 2.45 0.00	33.88 2.51 0.00	34.43 2.58 0.00	34.03 2.64 0.00	33.40 2.90 0.00	34.03 2.92 0.00	38.39 3.11 0.00	45.72 3.50 0.00	48.33 3.37 0.00	46.77 3.26 0.00	44.92 3.09 0.00	40.30 2.57 0.00	33.83 2.45 0.00	29.72 2.20 0.00
RAVENSWOOD___3 23535	25.09 1.58 0.00	21.14 1.40 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.63 1.30 0.00	29.04 1.41 0.00	32.61 1.79 0.00	33.30 2.00 0.00	32.84 2.23 0.00	34.63 2.35 0.00	33.78 2.42 0.00	34.31 2.45 0.00	33.91 2.51 0.00	33.28 2.78 0.00	33.91 2.80 0.00	38.28 3.00 0.00	45.59 3.38 0.00	48.28 3.33 0.00	46.73 3.22 0.00	44.88 3.05 0.00	40.18 2.45 0.00	33.74 2.35 0.00	29.61 2.09 0.00
RAVENSWOOD___4 23820	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.41 0.00	22.66 1.32 0.00	29.09 1.46 0.00	32.70 1.88 0.00	33.39 2.10 0.00	32.93 2.32 0.00	34.72 2.45 0.00	33.88 2.51 0.00	34.43 2.58 0.00	34.03 2.64 0.00	33.40 2.90 0.00	34.03 2.92 0.00	38.39 3.11 0.00	45.72 3.50 0.00	48.33 3.37 0.00	46.77 3.26 0.00	44.92 3.09 0.00	40.30 2.57 0.00	33.83 2.45 0.00	29.72 2.20 0.00
RCPL_TRUST___DRP 24196	25.09 1.58 0.00	21.16 1.42 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.64 1.82 0.00	33.36 2.07 0.00	32.87 2.26 0.00	34.66 2.39 0.00	33.81 2.45 0.00	34.34 2.48 0.00	33.97 2.57 0.00	33.34 2.84 0.00	33.97 2.86 0.00	38.35 3.07 0.00	45.68 3.46 0.00	48.33 3.37 0.00	46.77 3.26 0.00	44.92 3.10 0.00	40.30 2.57 0.00	33.80 2.42 0.00	29.61 2.09 0.00
RED___ROCHESTER 323720	23.68 0.17 0.00	19.64 -0.10 0.00	19.41 -0.16 0.00	18.74 -0.15 0.00	19.30 -0.21 0.00	21.08 -0.26 0.00	27.13 -0.50 0.00	30.11 -0.71 0.00	30.61 -0.69 0.00	29.71 -0.89 0.00	31.18 -1.10 0.00	30.17 -1.19 0.00	30.83 -1.02 0.00	30.42 -0.97 0.00	29.31 -1.19 0.00	30.14 -0.96 0.00	34.05 -1.24 0.00	41.08 -1.14 0.00	43.83 -1.12 0.00	42.33 -1.17 0.00	41.49 -0.34 0.00	37.28 -0.45 0.00	31.29 -0.09 0.00	27.38 -0.14 0.00
REGAN___SOLAR 323812	25.40 1.88 0.00	21.30 1.56 0.00	21.04 1.47 0.00	20.27 1.38 0.00	20.96 1.44 0.00	23.04 1.71 0.00	29.65 2.02 0.00	33.07 2.25 0.00	33.77 2.47 0.00	32.81 2.20 0.00	34.56 2.29 0.00	33.47 2.10 0.00	33.80 1.94 0.00	33.37 1.98 0.00	32.43 1.92 0.00	33.10 1.99 0.00	37.44 2.15 0.00	44.83 2.62 0.00	47.92 2.97 0.00	47.03 3.52 0.00	45.42 3.60 0.00	40.83 3.09 0.00	34.05 2.67 0.00	29.77 2.26 0.00
RENSSELAER___COGEN 23796	24.29 0.77 0.00	20.47 0.73 0.00	20.27 0.70 0.00	19.57 0.68 0.00	20.18 0.66 0.00	21.99 0.66 0.00	28.15 0.52 0.00	31.53 0.71 0.00	23.47 0.44 8.27	18.63 0.67 12.64	22.66 0.65 10.26	31.99 0.63 0.00	32.49 0.64 0.00	32.12 0.72 0.00	31.33 0.82 0.00	31.95 0.84 0.00	36.06 0.78 0.00	42.85 0.63 0.00	45.50 0.54 0.00	44.25 0.74 0.00	42.54 0.71 0.00	38.37 0.64 0.00	32.11 0.72 0.00	28.48 0.96 0.00
REPUBLIC_115KV_BARTNBRK 55605	26.15 2.63 0.00	21.91 2.17 0.00	21.55 1.98 0.00	20.70 1.81 0.00	21.39 1.87 0.00	23.72 2.39 0.00	30.37 2.74 0.00	33.96 3.14 0.00	39.67 3.41 -4.96	41.28 3.09 -7.58	41.82 3.39 -6.15	34.75 3.39 0.00	35.14 3.28 0.00	34.75 3.36 0.00	33.74 3.23 0.00	34.44 3.33 0.00	38.67 3.39 0.00	46.35 4.14 0.00	49.41 4.45 0.00	48.55 5.05 0.00	46.84 5.02 0.00	42.22 4.49 0.00	35.18 3.80 0.00	30.79 3.27 0.00
REVERE_CPPR_DRP 24186	24.29 0.78 0.00	20.37 0.63 0.00	20.16 0.59 0.00	19.44 0.55 0.00	20.10 0.59 0.00	22.08 0.75 0.00	28.57 0.94 0.00	31.90 1.08 0.00	32.33 1.03 0.00	31.43 0.83 0.00	32.98 0.71 0.00	32.02 0.66 0.00	32.52 0.67 0.00	32.09 0.69 0.00	31.11 0.61 0.00	31.79 0.68 0.00	36.06 0.78 0.00	43.35 1.14 0.00	46.57 1.62 0.00	45.16 1.65 0.00	43.67 1.84 0.00	39.20 1.47 0.00	32.48 1.10 0.00	28.40 0.88 0.00
REYNLDPA_13_KV_LD 356490	22.98 -0.54 0.00	19.28 -0.45 0.00	19.18 -0.39 0.00	18.53 -0.36 0.00	19.12 -0.39 0.00	21.03 -0.30 0.00	27.49 -0.14 0.00	30.82 0.00 0.00	31.33 0.03 0.00	30.57 -0.03 0.00	32.37 0.10 0.00	31.40 0.03 0.00	31.86 0.00 0.00	31.30 -0.09 0.00	30.29 -0.21 0.00	30.80 -0.31 0.00	35.14 -0.14 0.00	42.00 -0.21 0.00	44.91 -0.04 0.00	43.25 -0.26 0.00	41.53 -0.29 0.00	37.58 -0.15 0.00	30.98 -0.41 0.00	26.96 -0.55 0.00
REYNOLDS_115KV_TB3 80639	24.46 0.94 0.00	20.59 0.85 0.00	20.39 0.82 0.00	19.66 0.77 0.00	20.29 0.78 0.00	22.12 0.79 0.00	28.32 0.69 0.00	31.68 0.86 0.00	21.70 0.69 10.28	15.77 0.89 15.72	20.42 0.90 12.76	32.27 0.91 0.00	32.75 0.89 0.00	32.37 0.97 0.00	31.60 1.10 0.00	32.23 1.12 0.00	36.38 1.09 0.00	43.23 1.01 0.00	45.86 0.90 0.00	44.64 1.13 0.00	42.91 1.09 0.00	38.67 0.94 0.00	32.39 1.00 0.00	28.62 1.10 0.00
RIVERBAY____ 323610	25.35 1.83 0.00	21.44 1.70 -0.01	21.14 1.57 0.00	20.36 1.47 0.00	21.09 1.58 0.00	22.72 1.39 0.00	29.21 1.57 0.00	32.76 1.94 0.00	33.49 2.19 0.00	32.99 2.39 0.00	34.82 2.55 0.00	33.94 2.57 0.00	34.47 2.61 0.00	34.10 2.70 0.00	33.52 3.02 0.00	34.12 3.02 0.00	38.53 3.25 0.00	45.84 3.63 0.00	48.51 3.55 0.00	46.94 3.44 0.00	45.09 3.26 0.00	40.56 2.83 0.00	34.15 2.76 0.00	29.96 2.45 0.00
RIVERSDE_115KV_TB3 55908	24.41 0.89 0.00	20.55 0.81 0.00	20.35 0.78 0.00	19.62 0.74 0.00	20.25 0.74 0.00	22.08 0.75 0.00	28.29 0.66 0.00	31.65 0.83 0.00	22.96 0.59 8.93	17.77 0.83 13.65	22.00 0.81 11.08	32.12 0.75 0.00	32.62 0.76 0.00	32.24 0.85 0.00	31.51 1.01 0.00	32.13 1.03 0.00	36.27 0.99 0.00	43.10 0.89 0.00	45.72 0.76 0.00	44.51 1.00 0.00	42.79 0.96 0.00	38.56 0.83 0.00	32.29 0.91 0.00	28.59 1.07 0.00
ROARING___BROOK_WT_PWR 323790	22.91 -0.61 0.00	19.23 -0.51 0.00	19.08 -0.49 0.00	18.43 -0.45 0.00	19.10 -0.41 0.00	20.95 -0.38 0.00	27.24 -0.39 0.00	30.45 -0.37 0.00	30.95 -0.34 0.00	30.27 -0.34 0.00	31.89 -0.39 0.00	30.96 -0.41 0.00	31.41 -0.45 0.00	30.89 -0.50 0.00	29.96 -0.55 0.00	30.51 -0.59 0.00	34.65 -0.63 0.00	41.50 -0.72 0.00	44.33 -0.63 0.00	42.90 -0.61 0.00	41.20 -0.63 0.00	37.13 -0.61 0.00	30.79 -0.60 0.00	26.94 -0.58 0.00

ROCHESRG_115KV_T4 355643	23.40 -0.12 0.00	19.40 -0.34 0.00	19.18 -0.39 0.00	18.51 -0.38 0.00	19.06 -0.45 0.00	20.84 -0.49 0.00	26.72 -0.91 0.00	29.77 -1.05 0.00	30.23 -1.06 0.00	29.38 -1.22 0.00	30.76 -1.52 0.00	29.80 -1.57 0.00	30.42 -1.43 0.00	29.98 -1.41 0.00	28.95 -1.56 0.00	29.71 -1.40 0.00	33.56 -1.73 0.00	40.53 -1.69 0.00	43.20 -1.75 0.00	41.72 -1.78 0.00	40.78 -1.05 0.00	36.41 -1.32 0.00	30.72 -0.66 0.00	27.02 -0.50 0.00
ROCHESTER_9_IC 23652	23.56 0.05 0.00	19.54 -0.20 0.00	19.32 -0.25 0.00	18.64 -0.25 0.00	19.20 -0.31 0.00	20.97 -0.36 0.00	26.88 -0.75 0.00	29.99 -0.83 0.00	30.45 -0.84 0.00	29.59 -1.01 0.00	31.01 -1.26 0.00	30.02 -1.35 0.00	30.68 -1.18 0.00	30.23 -1.16 0.00	29.16 -1.34 0.00	29.96 -1.15 0.00	33.80 -1.48 0.00	40.82 -1.39 0.00	43.56 -1.39 0.00	42.07 -1.44 0.00	41.20 -0.63 0.00	36.75 -0.98 0.00	30.98 -0.41 0.00	27.24 -0.28 0.00
ROCKVIEW_13_KV_LD 356306	25.14 1.62 0.00	21.16 1.42 0.00	20.88 1.31 0.00	20.15 1.27 0.00	20.86 1.35 0.00	22.68 1.34 0.00	29.12 1.49 0.00	32.64 1.82 0.00	33.33 2.03 0.00	32.84 2.23 0.00	34.63 2.36 0.00	33.75 2.38 0.00	34.28 2.42 0.00	33.91 2.51 0.00	33.25 2.75 0.00	33.84 2.74 0.00	38.28 3.00 0.00	45.63 3.42 0.00	48.33 3.37 0.00	46.81 3.31 0.00	44.96 3.14 0.00	40.30 2.57 0.00	33.80 2.42 0.00	29.61 2.09 0.00
ROME____115KV_TB2 80656	24.29 0.78 0.00	20.37 0.63 0.00	20.16 0.59 0.00	19.44 0.55 0.00	20.10 0.59 0.00	22.08 0.75 0.00	28.57 0.94 0.00	31.90 1.08 0.00	32.33 1.03 0.00	31.43 0.83 0.00	32.98 0.71 0.00	32.02 0.66 0.00	32.52 0.67 0.00	32.09 0.69 0.00	31.11 0.61 0.00	31.79 0.68 0.00	36.06 0.78 0.00	43.35 1.14 0.00	46.57 1.62 0.00	45.16 1.65 0.00	43.67 1.84 0.00	39.20 1.47 0.00	32.48 1.10 0.00	28.40 0.88 0.00
ROSETON___1 23587	24.79 1.27 0.00	20.86 1.12 0.00	20.63 1.06 0.00	19.91 1.02 0.00	20.58 1.07 0.00	22.40 1.07 0.00	28.68 1.05 0.00	32.14 1.32 0.00	32.74 1.44 0.00	32.22 1.62 0.00	33.98 1.71 0.00	33.12 1.76 0.00	33.64 1.78 0.00	33.25 1.85 0.00	32.58 2.08 0.00	33.19 2.08 0.00	37.47 2.19 0.00	44.70 2.49 0.00	47.43 2.47 0.00	45.94 2.43 0.00	44.17 2.34 0.00	39.54 1.81 0.00	33.17 1.79 0.00	29.14 1.62 0.00
ROSETON___2 23588	24.79 1.27 0.00	20.86 1.12 0.00	20.63 1.06 0.00	19.91 1.02 0.00	20.58 1.07 0.00	22.40 1.07 0.00	28.68 1.05 0.00	32.14 1.32 0.00	32.74 1.44 0.00	32.22 1.62 0.00	33.98 1.71 0.00	33.12 1.76 0.00	33.64 1.78 0.00	33.25 1.85 0.00	32.58 2.08 0.00	33.19 2.08 0.00	37.47 2.19 0.00	44.70 2.49 0.00	47.43 2.47 0.00	45.94 2.43 0.00	44.17 2.34 0.00	39.54 1.81 0.00	33.17 1.79 0.00	29.14 1.62 0.00
ROTRRDAM_115KV_TB3 80664	24.36 0.85 0.00	20.47 0.73 0.00	20.28 0.70 0.00	19.57 0.68 0.00	20.21 0.70 0.00	22.06 0.73 0.00	28.38 0.75 0.00	31.68 0.86 0.00	32.20 0.91 0.00	31.52 0.92 0.00	33.24 0.97 0.00	32.31 0.94 0.00	32.78 0.92 0.00	32.37 0.97 0.00	31.54 1.04 0.00	32.16 1.06 0.00	36.34 1.06 0.00	43.44 1.22 0.00	46.17 1.21 0.00	44.90 1.39 0.00	43.21 1.38 0.00	38.90 1.17 0.00	32.51 1.13 0.00	28.56 1.05 0.00
RUSSELL___1 23602	23.68 0.16 0.00	19.64 -0.10 0.00	19.41 -0.16 0.00	18.74 -0.15 0.00	19.30 -0.21 0.00	21.08 -0.26 0.00	26.99 -0.64 0.00	30.11 -0.71 0.00	30.61 -0.69 0.00	29.72 -0.89 0.00	31.18 -1.10 0.00	30.17 -1.19 0.00	30.87 -0.99 0.00	30.39 -1.00 0.00	29.31 -1.19 0.00	30.14 -0.96 0.00	33.98 -1.31 0.00	41.07 -1.14 0.00	43.83 -1.12 0.00	42.33 -1.17 0.00	41.49 -0.33 0.00	37.01 -0.72 0.00	31.16 -0.22 0.00	27.38 -0.14 0.00
RUSSELL___2 23532	23.68 0.16 0.00	19.64 -0.10 0.00	19.41 -0.16 0.00	18.74 -0.15 0.00	19.30 -0.21 0.00	21.08 -0.26 0.00	26.99 -0.64 0.00	30.11 -0.71 0.00	30.61 -0.69 0.00	29.72 -0.89 0.00	31.18 -1.10 0.00	30.17 -1.19 0.00	30.87 -0.99 0.00	30.39 -1.00 0.00	29.31 -1.19 0.00	30.14 -0.96 0.00	33.98 -1.31 0.00	41.07 -1.14 0.00	43.83 -1.12 0.00	42.33 -1.17 0.00	41.49 -0.33 0.00	37.01 -0.72 0.00	31.16 -0.22 0.00	27.38 -0.14 0.00
RUSSELL___3 23549	23.68 0.16 0.00	19.64 -0.10 0.00	19.41 -0.16 0.00	18.74 -0.15 0.00	19.30 -0.21 0.00	21.08 -0.26 0.00	26.99 -0.64 0.00	30.11 -0.71 0.00	30.61 -0.69 0.00	29.72 -0.89 0.00	31.18 -1.10 0.00	30.17 -1.19 0.00	30.87 -0.99 0.00	30.39 -1.00 0.00	29.31 -1.19 0.00	30.14 -0.96 0.00	33.98 -1.31 0.00	41.07 -1.14 0.00	43.83 -1.12 0.00	42.33 -1.17 0.00	41.49 -0.33 0.00	37.01 -0.72 0.00	31.16 -0.22 0.00	27.38 -0.14 0.00
RUSSELL___4 23556	23.68 0.16 0.00	19.64 -0.10 0.00	19.41 -0.16 0.00	18.74 -0.15 0.00	19.30 -0.21 0.00	21.08 -0.26 0.00	26.99 -0.64 0.00	30.11 -0.71 0.00	30.61 -0.69 0.00	29.72 -0.89 0.00	31.18 -1.10 0.00	30.17 -1.19 0.00	30.87 -0.99 0.00	30.39 -1.00 0.00	29.31 -1.19 0.00	30.14 -0.96 0.00	33.98 -1.31 0.00	41.07 -1.14 0.00	43.83 -1.12 0.00	42.33 -1.17 0.00	41.49 -0.33 0.00	37.01 -0.72 0.00	31.16 -0.22 0.00	27.38 -0.14 0.00
RUSSELL___STATION 23914	23.68 0.16 0.00	19.64 -0.10 0.00	19.41 -0.16 0.00	18.74 -0.15 0.00	19.30 -0.21 0.00	21.08 -0.26 0.00	26.99 -0.64 0.00	30.11 -0.71 0.00	30.61 -0.69 0.00	29.72 -0.89 0.00	31.18 -1.10 0.00	30.17 -1.19 0.00	30.87 -0.99 0.00	30.39 -1.00 0.00	29.31 -1.19 0.00	30.14 -0.96 0.00	33.98 -1.31 0.00	41.07 -1.14 0.00	43.83 -1.12 0.00	42.33 -1.17 0.00	41.49 -0.33 0.00	37.01 -0.72 0.00	31.16 -0.22 0.00	27.38 -0.14 0.00
S SALMON___HYD 24043	23.61 0.09 0.00	19.80 0.06 0.00	19.59 0.02 0.00	18.89 0.00 0.00	19.51 0.00 0.00	21.35 0.02 0.00	27.69 0.06 0.00	30.73 -0.09 0.00	31.11 -0.19 0.00	30.30 -0.31 0.00	31.82 -0.45 0.00	30.93 -0.44 0.00	31.38 -0.48 0.00	30.96 -0.44 0.00	29.99 -0.52 0.00	30.58 -0.53 0.00	34.68 -0.60 0.00	41.71 -0.50 0.00	44.78 -0.18 0.00	43.46 -0.04 0.00	42.04 0.21 0.00	37.81 0.08 0.00	31.38 0.00 0.00	27.52 0.00 0.00
S.PERRY__115KV_TB1 80734	24.13 0.61 0.00	20.03 0.30 0.00	19.81 0.23 0.00	19.11 0.23 0.00	19.69 0.18 0.00	21.55 0.21 0.00	27.60 -0.03 0.00	30.73 -0.09 0.00	30.98 -0.31 0.00	29.93 -0.67 0.00	31.11 -1.16 0.00	32.13 -1.32 -2.08	33.94 -1.24 -3.33	39.54 -1.26 -9.40	38.05 -2.44 -9.98	37.90 -2.27 -9.07	51.99 -2.72 -19.42	62.46 -2.70 -22.95	51.49 -2.43 -8.97	41.72 -1.78 0.00	41.20 -0.63 0.00	36.75 -0.98 0.00	31.89 0.50 0.00	27.90 0.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.19 -0.33 0.00	19.01 -0.73 0.00	18.77 -0.80 0.00	18.17 -0.72 0.00	18.65 -0.86 0.00	20.39 -0.94 0.00	26.03 -1.60 0.00	29.03 -1.79 0.00	29.54 -1.75 0.00	28.61 -1.99 0.00	29.66 -2.61 0.00	28.33 -2.54 0.50	28.61 -2.45 0.80	26.82 -2.32 2.25	25.49 -2.62 2.39	26.41 -2.52 2.17	27.70 -2.93 4.66	33.55 -3.17 5.50	39.39 -3.42 2.15	40.29 -3.22 0.00	39.48 -2.34 0.00	35.28 -2.45 0.00	30.19 -1.19 0.00	26.52 -0.99 0.00

SAWYER___23_KV_LOAD 55526	23.19 -0.33 0.00	19.01 -0.73 0.00	18.77 -0.80 0.00	18.17 -0.72 0.00	18.65 -0.86 0.00	20.39 -0.94 0.00	26.03 -1.60 0.00	29.03 -1.79 0.00	29.54 -1.75 0.00	28.61 -1.99 0.00	29.66 -2.61 0.00	28.33 -2.54 0.50	28.61 -2.45 0.80	26.82 -2.32 2.25	25.49 -2.62 2.39	26.41 -2.52 2.17	27.70 -2.93 4.66	33.55 -3.17 5.50	39.39 -3.42 2.15	40.29 -3.22 0.00	39.48 -2.34 0.00	35.28 -2.45 0.00	30.19 -1.19 0.00	26.52 -0.99 0.00
SELKIRK___I 23801	24.32 0.80 0.00	20.47 0.73 0.00	20.30 0.72 0.00	19.57 0.68 0.00	20.21 0.70 0.00	22.01 0.68 0.00	28.24 0.61 0.00	31.56 0.74 0.00	27.57 0.63 4.35	24.66 0.70 6.65	27.55 0.68 5.40	32.02 0.66 0.00	32.49 0.64 0.00	32.09 0.69 0.00	31.27 0.76 0.00	31.88 0.78 0.00	36.03 0.74 0.00	42.98 0.76 0.00	45.72 0.76 0.00	44.51 1.00 0.00	42.83 1.00 0.00	38.56 0.83 0.00	32.26 0.88 0.00	28.48 0.96 0.00
SELKIRK___II 23799	24.25 0.73 0.00	20.41 0.67 0.00	20.24 0.67 0.00	19.53 0.64 0.00	20.16 0.64 0.00	21.95 0.62 0.00	28.15 0.52 0.00	31.47 0.65 0.00	26.84 0.53 4.98	23.68 0.70 7.62	26.77 0.68 6.19	32.05 0.69 0.00	32.53 0.67 0.00	32.15 0.75 0.00	31.36 0.85 0.00	31.95 0.84 0.00	36.10 0.81 0.00	43.01 0.80 0.00	45.67 0.72 0.00	44.42 0.92 0.00	42.70 0.88 0.00	38.45 0.72 0.00	32.17 0.78 0.00	28.42 0.91 0.00
SENECA OSWGO___HYD 24041	23.28 -0.24 0.00	19.52 -0.22 0.00	19.32 -0.25 0.00	18.64 -0.25 0.00	19.24 -0.27 0.00	21.03 -0.30 0.00	27.22 -0.41 0.00	30.14 -0.68 0.00	30.58 -0.72 0.00	29.87 -0.73 0.00	31.43 -0.84 0.00	30.52 -0.85 0.00	31.00 -0.86 0.00	30.58 -0.82 0.00	29.65 -0.85 0.00	30.30 -0.81 0.00	34.30 -0.99 0.00	41.16 -1.05 0.00	43.92 -1.03 0.00	42.55 -0.96 0.00	41.11 -0.71 0.00	37.01 -0.72 0.00	30.82 -0.56 0.00	27.07 -0.44 0.00
SENECA___115KV_TB3 355854	23.38 -0.14 0.00	19.19 -0.55 0.00	18.94 -0.63 0.00	18.30 -0.59 0.00	18.81 -0.70 0.00	20.56 -0.77 0.00	26.25 -1.38 0.00	29.34 -1.48 0.00	29.86 -1.44 0.00	28.92 -1.68 0.00	29.95 -2.32 0.00	28.49 -2.29 0.59	28.69 -2.23 0.94	26.60 -2.13 2.67	25.20 -2.47 2.83	26.14 -2.40 2.57	26.98 -2.79 5.52	32.72 -3.04 6.46	39.13 -3.28 2.55	40.72 -2.78 0.00	39.90 -1.92 0.00	35.66 -2.08 0.00	30.50 -0.88 0.00	26.74 -0.77 0.00
SENECA___ENERGY 23797	23.56 0.05 0.00	19.68 -0.06 0.00	19.45 -0.12 0.00	18.77 -0.11 0.00	19.36 -0.16 0.00	21.18 -0.15 0.00	27.44 -0.19 0.00	30.42 -0.40 0.00	30.89 -0.41 0.00	30.08 -0.52 0.00	31.59 -0.68 0.00	30.76 -0.75 -0.15	31.36 -0.73 -0.24	31.37 -0.69 -0.66	30.39 -0.82 -0.71	31.00 -0.75 -0.64	35.70 -0.95 -1.37	42.90 -0.93 -1.62	44.73 -0.86 -0.63	42.81 -0.70 0.00	41.66 -0.17 0.00	37.47 -0.26 0.00	31.26 -0.13 0.00	27.38 -0.14 0.00
SHOEMAKER___GT 23640	24.60 1.08 0.00	20.71 0.97 0.00	20.47 0.90 0.00	19.76 0.87 0.00	20.43 0.92 0.00	22.25 0.92 0.00	28.46 0.83 0.00	31.87 1.05 0.00	32.42 1.12 0.00	31.86 1.26 0.00	33.60 1.32 0.00	32.74 1.38 0.00	33.29 1.43 0.00	32.87 1.48 0.00	32.18 1.68 0.00	32.79 1.68 0.00	37.05 1.76 0.00	44.28 2.07 0.00	47.03 2.07 0.00	45.60 2.09 0.00	43.87 2.05 0.00	39.35 1.62 0.00	32.95 1.57 0.00	28.92 1.40 0.00
SHOEMAKR_138KV_BK 111 55601	24.60 1.08 0.00	20.71 0.97 0.00	20.47 0.90 0.00	19.76 0.87 0.00	20.43 0.92 0.00	22.25 0.92 0.00	28.51 0.88 0.00	31.87 1.05 0.00	32.45 1.16 0.00	31.89 1.29 0.00	33.63 1.36 0.00	32.78 1.41 0.00	33.32 1.47 0.00	32.90 1.51 0.00	32.21 1.71 0.00	32.82 1.71 0.00	37.12 1.83 0.00	44.33 2.11 0.00	47.07 2.11 0.00	45.64 2.13 0.00	43.87 2.05 0.00	39.39 1.66 0.00	32.98 1.60 0.00	28.92 1.40 0.00
SHOREHAM_IC_1 23715	25.48 1.95 -0.01	23.74 1.94 -2.06	22.99 1.84 -1.58	22.19 1.77 -1.52	22.13 1.89 -0.73	23.22 1.88 -0.01	29.30 1.66 -0.01	33.11 2.28 -0.01	33.77 2.47 -0.01	33.00 2.39 -0.01	36.34 2.55 -1.52	35.58 2.54 -1.67	36.22 2.55 -1.81	36.12 2.54 -2.18	36.27 2.75 -3.02	36.97 2.77 -3.09	38.12 2.82 -0.01	45.76 3.46 -0.08	48.50 3.46 -0.08	46.95 3.44 -0.01	44.88 3.05 0.00	39.84 2.11 0.00	35.79 2.38 -2.02	31.93 2.17 -2.24
SHOREHAM_IC_2 23716	25.48 1.95 -0.01	23.74 1.93 -2.06	22.99 1.84 -1.58	22.19 1.78 -1.52	22.13 1.89 -0.73	23.20 1.86 -0.01	29.32 1.69 -0.01	33.11 2.28 -0.01	33.78 2.47 -0.01	33.03 2.42 -0.01	36.34 2.55 -1.52	35.58 2.54 -1.67	36.22 2.55 -1.81	36.15 2.57 -2.18	36.27 2.75 -3.02	36.97 2.77 -3.09	38.19 2.89 -0.01	45.76 3.46 -0.08	48.50 3.46 -0.08	46.95 3.44 -0.01	44.88 3.05 0.00	40.03 2.30 0.00	35.85 2.45 -2.02	31.93 2.17 -2.24
SISSONVILLE____ 23735	22.79 -0.73 0.00	19.15 -0.59 0.00	19.02 -0.55 0.00	18.38 -0.51 0.00	18.99 -0.53 0.00	20.95 -0.38 0.00	27.46 -0.17 0.00	30.82 0.00 0.00	31.23 -0.06 0.00	30.39 -0.21 0.00	32.11 -0.16 0.00	31.11 -0.25 0.00	31.22 -0.64 0.00	30.70 -0.69 0.00	29.68 -0.82 0.00	30.20 -0.90 0.00	34.54 -0.74 0.00	41.41 -0.80 0.00	44.60 -0.36 0.00	42.85 -0.65 0.00	41.20 -0.63 0.00	37.17 -0.57 0.00	30.85 -0.53 0.00	26.77 -0.74 0.00
SITHE_IND_GS1 24169	23.09 -0.42 0.00	19.34 -0.39 0.00	19.16 -0.41 0.00	18.49 -0.40 0.00	19.08 -0.43 0.00	20.86 -0.47 0.00	26.97 -0.66 0.00	29.80 -1.02 0.00	30.23 -1.06 0.00	29.53 -1.07 0.00	31.08 -1.19 0.00	30.17 -1.19 0.00	30.68 -1.18 0.00	30.23 -1.16 0.00	29.35 -1.16 0.00	29.99 -1.12 0.00	33.94 -1.34 0.00	40.74 -1.48 0.00	43.38 -1.57 0.00	42.03 -1.48 0.00	40.57 -1.25 0.00	36.52 -1.21 0.00	30.44 -0.94 0.00	26.80 -0.72 0.00
SITHE_IND_GS2 24170	23.09 -0.42 0.00	19.34 -0.39 0.00	19.16 -0.41 0.00	18.49 -0.40 0.00	19.08 -0.43 0.00	20.86 -0.47 0.00	26.97 -0.66 0.00	29.80 -1.02 0.00	30.23 -1.06 0.00	29.53 -1.07 0.00	31.08 -1.19 0.00	30.17 -1.19 0.00	30.68 -1.18 0.00	30.23 -1.16 0.00	29.35 -1.16 0.00	29.99 -1.12 0.00	33.94 -1.34 0.00	40.74 -1.48 0.00	43.38 -1.57 0.00	42.03 -1.48 0.00	40.57 -1.25 0.00	36.52 -1.21 0.00	30.44 -0.94 0.00	26.80 -0.72 0.00
SITHE_IND_GS3 24171	23.09 -0.42 0.00	19.34 -0.39 0.00	19.16 -0.41 0.00	18.49 -0.40 0.00	19.08 -0.43 0.00	20.86 -0.47 0.00	26.97 -0.66 0.00	29.80 -1.02 0.00	30.23 -1.06 0.00	29.53 -1.07 0.00	31.08 -1.19 0.00	30.17 -1.19 0.00	30.68 -1.18 0.00	30.23 -1.16 0.00	29.35 -1.16 0.00	29.99 -1.12 0.00	33.94 -1.34 0.00	40.74 -1.48 0.00	43.38 -1.57 0.00	42.03 -1.48 0.00	40.57 -1.25 0.00	36.52 -1.21 0.00	30.44 -0.94 0.00	26.80 -0.72 0.00
SITHE_IND_GS4 24172	23.09 -0.42 0.00	19.34 -0.39 0.00	19.16 -0.41 0.00	18.49 -0.40 0.00	19.08 -0.43 0.00	20.86 -0.47 0.00	26.97 -0.66 0.00	29.80 -1.02 0.00	30.23 -1.06 0.00	29.53 -1.07 0.00	31.08 -1.19 0.00	30.17 -1.19 0.00	30.68 -1.18 0.00	30.23 -1.16 0.00	29.35 -1.16 0.00	29.99 -1.12 0.00	33.94 -1.34 0.00	40.74 -1.48 0.00	43.38 -1.57 0.00	42.03 -1.48 0.00	40.57 -1.25 0.00	36.52 -1.21 0.00	30.44 -0.94 0.00	26.80 -0.72 0.00

SITHE___BATAVIA 24024	23.80 0.28 0.00	19.62 -0.12 0.00	19.32 -0.25 0.00	18.64 -0.25 0.00	19.24 -0.27 0.00	20.97 -0.36 0.00	26.91 -0.72 0.00	30.11 -0.71 0.00	30.54 -0.75 0.00	29.53 -1.07 0.00	30.79 -1.48 0.00	29.69 -1.38 0.29	30.21 -1.18 0.47	28.93 -1.13 1.34	27.65 -1.43 1.42	28.63 -1.18 1.29	31.03 -1.48 2.78	37.67 -1.35 3.19	42.37 -1.31 1.28	42.03 0.00 0.00	41.49 -0.34 0.00	37.24 -0.49 0.00	31.48 0.09 0.00	27.46 -0.05 0.00
SITHE___INDEPEND 23800	23.09 -0.42 0.00	19.34 -0.39 0.00	19.16 -0.41 0.00	18.49 -0.40 0.00	19.08 -0.43 0.00	20.86 -0.47 0.00	26.94 -0.69 0.00	29.80 -1.02 0.00	30.23 -1.06 0.00	29.53 -1.07 0.00	31.08 -1.19 0.00	30.17 -1.19 0.00	30.68 -1.18 0.00	30.23 -1.16 0.00	29.35 -1.16 0.00	29.99 -1.12 0.00	33.94 -1.34 0.00	40.74 -1.48 0.00	43.38 -1.57 0.00	42.03 -1.48 0.00	40.57 -1.25 0.00	36.49 -1.25 0.00	30.44 -0.94 0.00	26.80 -0.72 0.00
SITHE___MASSENA 23902	22.95 -0.56 0.00	19.26 -0.47 0.00	19.16 -0.41 0.00	18.51 -0.38 0.00	19.10 -0.41 0.00	20.99 -0.34 0.00	27.47 -0.16 0.00	30.82 0.00 0.00	31.33 0.03 0.00	30.54 -0.06 0.00	32.34 0.06 0.00	31.37 0.00 0.00	31.79 -0.06 0.00	31.24 -0.16 0.00	30.23 -0.28 0.00	30.73 -0.37 0.00	35.11 -0.18 0.00	42.00 -0.21 0.00	44.96 0.00 0.00	43.21 -0.30 0.00	41.49 -0.34 0.00	37.51 -0.23 0.00	30.94 -0.44 0.00	26.94 -0.58 0.00
SITHE___OGDNSBRG 24021	23.16 -0.35 0.00	19.44 -0.30 0.00	19.34 -0.23 0.00	18.68 -0.21 0.00	19.30 -0.21 0.00	21.33 0.00 0.00	27.91 0.28 0.00	31.31 0.49 0.00	31.70 0.41 0.00	30.79 0.18 0.00	32.56 0.29 0.00	31.52 0.16 0.00	31.89 0.03 0.00	31.30 -0.09 0.00	30.26 -0.24 0.00	30.80 -0.31 0.00	35.28 0.00 0.00	42.34 0.13 0.00	45.59 0.63 0.00	43.90 0.39 0.00	42.24 0.42 0.00	38.22 0.49 0.00	31.41 0.03 0.00	27.24 -0.28 0.00
SITHE___STERLING 23777	24.18 0.66 0.00	20.27 0.53 0.00	20.06 0.49 0.00	19.34 0.45 0.00	20.00 0.49 0.00	21.93 0.60 0.00	28.35 0.72 0.00	31.62 0.80 0.00	32.04 0.75 0.00	31.21 0.61 0.00	32.82 0.55 0.00	31.87 0.50 0.00	32.36 0.51 0.00	31.93 0.53 0.00	30.96 0.46 0.00	31.63 0.53 0.00	35.85 0.56 0.00	43.06 0.84 0.00	46.12 1.17 0.00	44.77 1.26 0.00	43.25 1.42 0.00	38.90 1.17 0.00	32.26 0.88 0.00	28.26 0.74 0.00
SLEIGHT__34_KV_TB1 80719	23.40 -0.12 0.00	19.50 -0.24 0.00	19.28 -0.29 0.00	18.60 -0.28 0.00	19.16 -0.35 0.00	20.97 -0.36 0.00	26.99 -0.64 0.00	30.05 -0.77 0.00	30.51 -0.78 0.00	29.72 -0.89 0.00	31.18 -1.10 0.00	30.20 -1.16 0.00	30.80 -1.05 0.00	30.36 -1.04 0.00	29.31 -1.19 0.00	30.05 -1.06 0.00	33.94 -1.34 0.00	40.99 -1.22 0.00	43.70 -1.26 0.00	42.29 -1.22 0.00	41.20 -0.63 0.00	36.86 -0.87 0.00	30.88 -0.50 0.00	27.13 -0.39 0.00
SMITHTWN_69_KV_BK 1 55830	25.69 2.16 -0.01	23.84 1.99 -2.11	23.91 1.90 -2.44	23.07 1.83 -2.35	22.56 1.93 -1.12	23.26 1.92 -0.01	29.71 2.07 -0.01	33.36 2.53 -0.01	34.03 2.72 -0.01	33.40 2.78 -0.01	36.76 2.97 -1.52	36.02 2.98 -1.68	36.70 3.03 -1.82	36.66 3.08 -2.19	36.77 3.23 -3.03	37.47 3.27 -3.10	38.72 3.42 -0.01	46.47 4.14 -0.12	49.30 4.23 -0.12	47.61 4.09 -0.01	45.55 3.72 0.00	40.64 2.91 0.00	36.44 2.98 -2.08	32.38 2.61 -2.25
SOUTH CAIRO___GT 23612	24.91 1.39 0.00	20.96 1.22 0.00	20.73 1.15 0.00	19.98 1.10 0.00	20.62 1.11 0.00	22.63 1.30 0.00	28.76 1.13 0.00	31.99 1.17 0.00	27.75 1.03 4.58	24.64 1.04 7.01	27.62 1.03 5.69	32.40 1.04 0.00	32.87 1.02 0.00	32.49 1.10 0.00	31.69 1.19 0.00	32.35 1.24 0.00	36.59 1.31 0.00	43.95 1.73 0.00	46.89 1.93 0.00	45.81 2.31 0.00	44.17 2.34 0.00	39.77 2.04 0.00	33.17 1.79 0.00	29.25 1.73 0.00
SOUTH HAMPTN___IC 23720	26.04 2.52 -0.01	24.14 2.35 -2.06	23.33 2.25 -1.51	22.54 2.19 -1.46	22.51 2.30 -0.70	23.69 2.35 -0.01	29.99 2.35 -0.01	33.85 3.02 -0.01	34.62 3.32 -0.01	33.85 3.24 -0.01	37.25 3.45 -1.52	36.36 3.32 -1.67	36.98 3.31 -1.81	36.81 3.23 -2.18	36.91 3.39 -3.02	37.59 3.39 -3.09	38.79 3.49 -0.01	46.51 4.22 -0.08	49.26 4.22 -0.08	47.69 4.18 -0.01	45.51 3.68 0.00	40.37 2.64 0.00	36.18 2.79 -2.00	32.34 2.59 -2.24
SOUTHDOWN_115KV_TB1 355954	23.54 0.02 0.00	19.36 -0.38 0.00	19.12 -0.45 0.00	18.47 -0.42 0.00	19.02 -0.49 0.00	20.86 -0.47 0.00	26.77 -0.86 0.00	30.08 -0.74 0.00	30.64 -0.66 0.00	29.68 -0.92 0.00	30.72 -1.55 0.00	29.49 -1.60 0.28	29.73 -1.69 0.44	28.42 -1.73 1.25	27.01 -2.17 1.32	27.79 -2.12 1.21	30.19 -2.51 2.59	36.50 -2.70 3.02	40.98 -2.79 1.19	41.68 -1.83 0.00	40.90 -0.92 0.00	36.45 -1.28 0.00	31.13 -0.25 0.00	27.10 -0.41 0.00
SOUTHOLD_69_KV_BK 2 55809	26.37 2.85 -0.01	24.40 2.61 -2.06	23.59 2.51 -1.51	22.79 2.44 -1.46	22.77 2.56 -0.70	23.94 2.60 -0.01	30.37 2.74 -0.01	34.31 3.48 -0.01	35.06 3.76 -0.01	34.31 3.70 -0.01	37.66 3.87 -1.52	36.71 3.67 -1.67	37.27 3.60 -1.81	37.06 3.48 -2.18	37.09 3.57 -3.02	37.74 3.55 -3.09	38.93 3.63 -0.01	46.60 4.31 -0.08	49.35 4.32 -0.08	47.74 4.22 -0.01	45.51 3.68 0.00	40.52 2.79 0.00	36.18 2.79 -2.00	32.43 2.67 -2.24
SOUTHOLD___IC 23719	26.37 2.84 -0.01	24.40 2.61 -2.06	23.59 2.51 -1.51	22.79 2.44 -1.46	22.77 2.56 -0.70	23.96 2.62 -0.01	30.35 2.71 -0.01	34.28 3.45 -0.01	35.06 3.75 -0.01	34.31 3.70 -0.01	37.66 3.87 -1.52	36.71 3.67 -1.67	37.27 3.60 -1.81	37.03 3.45 -2.18	37.09 3.57 -3.02	37.74 3.54 -3.09	38.89 3.60 -0.01	46.60 4.31 -0.08	49.35 4.32 -0.08	47.74 4.22 -0.01	45.51 3.68 0.00	40.37 2.64 0.00	36.12 2.73 -2.00	32.43 2.67 -2.24
SOUTH_FORK_WT_PWR 323839	26.44 2.92 -0.01	24.48 2.68 -2.06	23.67 2.58 -1.51	22.86 2.51 -1.46	22.83 2.62 -0.70	24.05 2.71 -0.01	30.46 2.82 -0.01	34.37 3.54 -0.01	35.15 3.85 -0.01	34.41 3.79 -0.01	37.69 3.90 -1.52	36.68 3.64 -1.67	37.20 3.54 -1.81	36.90 3.33 -2.18	36.94 3.42 -3.02	37.56 3.36 -3.09	38.61 3.32 -0.01	46.17 3.88 -0.08	48.94 3.91 -0.08	47.30 3.78 -0.01	45.05 3.22 0.00	39.96 2.23 0.00	35.77 2.38 -2.00	32.24 2.48 -2.24
SPIERFLS_115KV_TB 1 80737	25.19 1.67 0.00	21.14 1.40 0.00	20.88 1.31 0.00	20.12 1.23 0.00	20.78 1.27 0.00	22.80 1.47 0.00	29.29 1.66 0.00	32.79 1.97 0.00	37.86 2.10 -4.47	39.45 2.02 -6.83	39.98 2.16 -5.54	33.50 2.13 0.00	33.93 2.07 0.00	33.53 2.13 0.00	32.64 2.14 0.00	33.32 2.21 0.00	37.33 2.05 0.00	44.62 2.41 0.00	47.38 2.43 0.00	46.25 2.74 0.00	44.54 2.72 0.00	40.30 2.57 0.00	33.64 2.26 0.00	29.58 2.06 0.00
ST LAWRENCE____ 23600	22.81 -0.70 0.00	19.15 -0.59 0.00	19.02 -0.55 0.00	18.36 -0.53 0.00	18.97 -0.55 0.00	20.84 -0.49 0.00	27.27 -0.36 0.00	30.54 -0.28 0.00	31.04 -0.25 0.00	30.30 -0.31 0.00	32.05 -0.22 0.00	31.11 -0.25 0.00	31.54 -0.32 0.00	31.02 -0.38 0.00	30.05 -0.46 0.00	30.58 -0.53 0.00	34.82 -0.46 0.00	41.66 -0.55 0.00	44.51 -0.45 0.00	42.86 -0.65 0.00	41.11 -0.71 0.00	37.20 -0.53 0.00	30.72 -0.66 0.00	26.77 -0.74 0.00

STATE_CA_115KV_115_LB 55624	24.41 0.89 0.00	20.57 0.83 0.00	20.37 0.80 0.00	19.64 0.76 0.00	20.25 0.74 0.00	22.10 0.77 0.00	28.32 0.69 0.00	31.68 0.86 0.00	24.84 0.63 7.08	20.60 0.83 10.83	24.32 0.84 8.79	32.18 0.82 0.00	32.65 0.80 0.00	32.27 0.88 0.00	31.51 1.01 0.00	32.13 1.03 0.00	36.27 0.99 0.00	43.10 0.89 0.00	45.72 0.76 0.00	44.51 1.00 0.00	42.79 0.96 0.00	38.60 0.87 0.00	32.32 0.94 0.00	28.62 1.10 0.00
STATE_ST_34_KV_LOAD 55959	23.71 0.19 0.00	19.86 0.12 0.00	19.63 0.06 0.00	18.93 0.04 0.00	19.53 0.02 0.00	21.35 0.02 0.00	27.63 0.00 0.00	30.70 -0.12 0.00	31.11 -0.19 0.00	30.36 -0.24 0.00	31.92 -0.35 0.00	30.96 -0.41 0.00	31.47 -0.38 0.00	31.02 -0.38 0.00	30.05 -0.46 0.00	30.73 -0.37 0.00	34.76 -0.53 0.00	41.88 -0.34 0.00	44.69 -0.27 0.00	43.38 -0.13 0.00	42.03 0.21 0.00	37.73 0.00 0.00	31.45 0.06 0.00	27.57 0.06 0.00
STATION_5_MISC_HYD 23604	23.59 0.07 0.00	19.54 -0.20 0.00	19.32 -0.25 0.00	18.64 -0.25 0.00	19.20 -0.31 0.00	20.97 -0.36 0.00	27.02 -0.61 0.00	29.99 -0.83 0.00	30.45 -0.84 0.00	29.59 -1.01 0.00	31.01 -1.26 0.00	30.02 -1.35 0.00	30.68 -1.18 0.00	30.23 -1.16 0.00	29.16 -1.34 0.00	29.99 -1.12 0.00	33.87 -1.41 0.00	40.86 -1.35 0.00	43.56 -1.39 0.00	42.07 -1.43 0.00	41.20 -0.63 0.00	37.01 -0.72 0.00	31.10 -0.28 0.00	27.24 -0.28 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.52 0.00 0.00	19.58 -0.16 0.00	19.36 -0.22 0.00	18.68 -0.21 0.00	19.26 -0.25 0.00	21.05 -0.28 0.00	27.11 -0.52 0.00	30.17 -0.65 0.00	30.64 -0.66 0.00	29.78 -0.83 0.00	31.24 -1.03 0.00	30.27 -1.10 0.00	30.84 -1.02 0.00	30.39 -1.00 0.00	29.35 -1.16 0.00	30.11 -1.00 0.00	33.94 -1.34 0.00	40.99 -1.22 0.00	43.74 -1.21 0.00	42.38 -1.13 0.00	41.36 -0.46 0.00	37.01 -0.72 0.00	31.04 -0.35 0.00	27.24 -0.28 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.40 -0.12 0.00	19.42 -0.32 0.00	19.20 -0.37 0.00	18.53 -0.36 0.00	19.08 -0.43 0.00	20.86 -0.47 0.00	26.75 -0.88 0.00	29.83 -0.99 0.00	30.29 -1.00 0.00	29.44 -1.16 0.00	30.88 -1.39 0.00	29.89 -1.47 0.00	30.55 -1.31 0.00	30.11 -1.29 0.00	29.04 -1.46 0.00	29.83 -1.28 0.00	33.66 -1.62 0.00	40.65 -1.56 0.00	43.34 -1.62 0.00	41.90 -1.61 0.00	40.95 -0.88 0.00	36.56 -1.17 0.00	30.79 -0.60 0.00	27.05 -0.47 0.00
STA_56___34_KV_BUS2 355983	23.40 -0.12 0.00	19.42 -0.32 0.00	19.20 -0.37 0.00	18.53 -0.36 0.00	19.08 -0.43 0.00	20.86 -0.47 0.00	26.75 -0.88 0.00	29.83 -0.99 0.00	30.29 -1.00 0.00	29.44 -1.16 0.00	30.88 -1.39 0.00	29.89 -1.47 0.00	30.55 -1.31 0.00	30.11 -1.29 0.00	29.04 -1.46 0.00	29.83 -1.28 0.00	33.66 -1.62 0.00	40.65 -1.56 0.00	43.34 -1.62 0.00	41.90 -1.61 0.00	40.95 -0.88 0.00	36.56 -1.17 0.00	30.79 -0.60 0.00	27.05 -0.47 0.00
STA_67___115KV_BK2 355882	23.52 0.00 0.00	19.50 -0.24 0.00	19.28 -0.29 0.00	18.60 -0.28 0.00	19.16 -0.35 0.00	20.95 -0.38 0.00	26.86 -0.77 0.00	29.93 -0.89 0.00	30.39 -0.91 0.00	29.53 -1.07 0.00	30.95 -1.32 0.00	29.95 -1.41 0.00	30.61 -1.24 0.00	30.17 -1.22 0.00	29.10 -1.40 0.00	29.89 -1.21 0.00	33.73 -1.55 0.00	40.74 -1.48 0.00	43.47 -1.48 0.00	41.98 -1.52 0.00	41.07 -0.75 0.00	36.67 -1.06 0.00	30.91 -0.47 0.00	27.19 -0.33 0.00
STA_7___115KV_9TRANS 80674	23.68 0.16 0.00	19.64 -0.10 0.00	19.41 -0.16 0.00	18.74 -0.15 0.00	19.30 -0.21 0.00	21.08 -0.26 0.00	26.99 -0.64 0.00	30.11 -0.71 0.00	30.61 -0.69 0.00	29.72 -0.89 0.00	31.18 -1.10 0.00	30.17 -1.19 0.00	30.87 -0.99 0.00	30.39 -1.00 0.00	29.31 -1.19 0.00	30.14 -0.96 0.00	33.98 -1.31 0.00	41.07 -1.14 0.00	43.83 -1.12 0.00	42.33 -1.17 0.00	41.49 -0.33 0.00	37.01 -0.72 0.00	31.16 -0.22 0.00	27.38 -0.14 0.00
STA_82___115KV_TB1 80780	23.49 -0.02 0.00	19.48 -0.26 0.00	19.26 -0.31 0.00	18.59 -0.30 0.00	19.14 -0.37 0.00	20.93 -0.41 0.00	26.83 -0.80 0.00	29.89 -0.92 0.00	30.36 -0.94 0.00	29.50 -1.10 0.00	30.92 -1.36 0.00	29.92 -1.44 0.00	30.58 -1.27 0.00	30.14 -1.26 0.00	29.07 -1.43 0.00	29.86 -1.24 0.00	33.70 -1.59 0.00	40.71 -1.52 0.00	43.43 -1.53 0.00	41.94 -1.57 0.00	41.03 -0.79 0.00	36.64 -1.09 0.00	30.88 -0.50 0.00	27.16 -0.36 0.00
STEEL___WIND 323596	23.35 -0.16 0.00	19.17 -0.57 0.00	18.91 -0.67 0.00	18.30 -0.59 0.00	18.79 -0.72 0.00	20.54 -0.79 0.00	26.42 -1.22 0.00	29.28 -1.54 0.00	29.82 -1.47 0.00	28.86 -1.74 0.00	29.92 -2.35 0.00	28.46 -2.32 0.59	28.66 -2.26 0.94	26.56 -2.17 2.67	25.14 -2.53 2.83	26.11 -2.43 2.57	26.98 -2.79 5.52	32.63 -3.12 6.46	39.08 -3.33 2.55	40.63 -2.87 0.00	39.86 -1.97 0.00	35.92 -1.81 0.00	30.66 -0.72 0.00	26.72 -0.80 0.00
STEPHTWN_115KV_BK_2 55603	24.53 1.01 0.00	20.65 0.91 0.00	20.43 0.86 0.00	19.70 0.81 0.00	20.31 0.80 0.00	22.19 0.85 0.00	28.43 0.80 0.00	31.81 0.99 0.00	23.81 0.78 8.27	18.91 0.95 12.64	22.98 0.97 10.26	32.31 0.94 0.00	32.81 0.96 0.00	32.43 1.04 0.00	31.66 1.16 0.00	32.32 1.21 0.00	36.48 1.20 0.00	43.35 1.14 0.00	46.04 1.08 0.00	44.81 1.31 0.00	43.08 1.25 0.00	38.86 1.13 0.00	32.51 1.13 0.00	28.78 1.27 0.00
STEBEN_REC_LFGE 323667	23.68 0.16 0.00	19.64 -0.10 0.00	19.39 -0.18 0.00	18.79 -0.09 0.00	19.34 -0.18 0.00	21.20 -0.13 0.00	27.24 -0.39 0.00	30.39 -0.43 0.00	30.79 -0.50 0.00	29.84 -0.77 0.00	30.95 -1.32 0.00	31.24 -1.51 -1.38	32.49 -1.56 -2.20	36.13 -1.48 -6.21	35.18 -1.92 -6.60	35.13 -1.96 -5.99	45.74 -2.36 -12.82	55.01 -2.36 -15.16	48.72 -2.16 -5.92	42.07 -1.44 0.00	41.36 -0.46 0.00	36.98 -0.75 0.00	31.23 -0.16 0.00	27.24 -0.28 0.00
STILLWATER___SOLAR 323814	24.93 1.41 0.00	20.94 1.20 0.00	20.71 1.13 0.00	19.96 1.08 0.00	20.62 1.11 0.00	22.57 1.24 0.00	28.96 1.33 0.00	32.39 1.57 0.00	39.54 1.63 -6.62	42.35 1.62 -10.13	42.20 1.71 -8.22	33.03 1.66 0.00	33.48 1.62 0.00	33.06 1.66 0.00	32.21 1.71 0.00	32.85 1.74 0.00	37.01 1.73 0.00	44.24 2.03 0.00	47.03 2.07 0.00	45.86 2.35 0.00	44.17 2.34 0.00	39.77 2.04 0.00	33.23 1.85 0.00	29.25 1.73 0.00
STONY___BROOK 24151	25.69 2.16 -0.01	23.81 1.99 -2.08	23.39 1.88 -1.94	22.57 1.81 -1.87	22.34 1.93 -0.89	23.30 1.96 -0.01	29.65 2.02 -0.01	33.36 2.53 -0.01	34.02 2.72 -0.01	33.40 2.78 -0.01	36.73 2.94 -1.52	35.99 2.95 -1.68	36.66 2.99 -1.81	36.59 3.01 -2.18	36.73 3.20 -3.03	37.41 3.20 -3.10	38.65 3.35 -0.01	46.41 4.09 -0.10	49.19 4.13 -0.10	47.60 4.09 -0.01	45.51 3.68 0.00	40.45 2.72 0.00	36.33 2.89 -2.06	32.35 2.59 -2.25
STURGEON_POOL_HYD 23609	24.98 1.46 0.00	21.02 1.28 0.00	20.75 1.17 0.00	20.04 1.15 0.00	20.74 1.23 0.00	22.57 1.24 0.00	28.85 1.22 0.00	32.24 1.42 0.00	32.06 1.63 0.86	31.06 1.77 1.31	33.11 1.90 1.07	33.34 1.98 0.00	33.89 2.04 0.00	33.50 2.10 0.00	32.88 2.38 0.00	33.50 2.40 0.00	37.86 2.58 0.00	45.34 3.12 0.00	48.10 3.15 0.00	46.55 3.05 0.00	44.75 2.93 0.00	40.11 2.38 0.00	33.58 2.20 0.00	29.41 1.90 0.00

ST_LAW_115_BK7_LBMP 345037	22.74 -0.78 0.00	19.11 -0.63 0.00	18.98 -0.59 0.00	18.32 -0.57 0.00	18.93 -0.58 0.00	20.80 -0.53 0.00	27.24 -0.39 0.00	30.51 -0.31 0.00	31.04 -0.25 0.00	30.27 -0.34 0.00	32.05 -0.22 0.00	31.08 -0.28 0.00	31.54 -0.32 0.00	30.99 -0.41 0.00	29.99 -0.52 0.00	30.51 -0.59 0.00	34.79 -0.49 0.00	41.62 -0.59 0.00	44.46 -0.49 0.00	42.81 -0.70 0.00	41.07 -0.75 0.00	37.13 -0.61 0.00	30.66 -0.72 0.00	26.69 -0.82 0.00
ST_LAW_115_BK8_LBMP 345038	22.74 -0.78 0.00	19.11 -0.63 0.00	18.98 -0.59 0.00	18.32 -0.57 0.00	18.93 -0.58 0.00	20.80 -0.53 0.00	27.24 -0.39 0.00	30.51 -0.31 0.00	31.04 -0.25 0.00	30.27 -0.34 0.00	32.05 -0.22 0.00	31.08 -0.28 0.00	31.54 -0.32 0.00	30.99 -0.41 0.00	29.99 -0.52 0.00	30.51 -0.59 0.00	34.79 -0.49 0.00	41.62 -0.59 0.00	44.46 -0.49 0.00	42.81 -0.70 0.00	41.07 -0.75 0.00	37.13 -0.61 0.00	30.66 -0.72 0.00	26.69 -0.82 0.00
ST_LAW_230_BK5_LBMP 345035	22.81 -0.70 0.00	19.15 -0.59 0.00	19.02 -0.55 0.00	18.36 -0.53 0.00	18.97 -0.55 0.00	20.84 -0.49 0.00	27.27 -0.36 0.00	30.54 -0.28 0.00	31.04 -0.25 0.00	30.30 -0.31 0.00	32.05 -0.22 0.00	31.11 -0.25 0.00	31.54 -0.32 0.00	31.02 -0.38 0.00	30.05 -0.46 0.00	30.58 -0.53 0.00	34.82 -0.46 0.00	41.66 -0.55 0.00	44.51 -0.45 0.00	42.86 -0.65 0.00	41.11 -0.71 0.00	37.20 -0.53 0.00	30.72 -0.66 0.00	26.77 -0.74 0.00
ST_LAW_230_BK6_LBMP 345036	22.81 -0.70 0.00	19.15 -0.59 0.00	19.02 -0.55 0.00	18.36 -0.53 0.00	18.97 -0.55 0.00	20.84 -0.49 0.00	27.27 -0.36 0.00	30.54 -0.28 0.00	31.04 -0.25 0.00	30.30 -0.31 0.00	32.05 -0.22 0.00	31.11 -0.25 0.00	31.54 -0.32 0.00	31.02 -0.38 0.00	30.05 -0.46 0.00	30.58 -0.53 0.00	34.82 -0.46 0.00	41.66 -0.55 0.00	44.51 -0.45 0.00	42.86 -0.65 0.00	41.11 -0.71 0.00	37.20 -0.53 0.00	30.72 -0.66 0.00	26.77 -0.74 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.74 1.22 0.00	20.82 1.09 0.00	20.57 1.00 0.00	19.85 0.96 0.00	20.53 1.01 0.00	22.36 1.02 0.00	28.65 1.02 0.00	32.05 1.23 0.00	32.67 1.38 0.00	32.13 1.53 0.00	33.89 1.61 0.00	33.03 1.66 0.00	33.58 1.72 0.00	33.19 1.79 0.00	32.49 1.98 0.00	33.10 1.99 0.00	37.44 2.15 0.00	44.71 2.49 0.00	47.43 2.47 0.00	45.99 2.48 0.00	44.17 2.34 0.00	39.62 1.89 0.00	33.17 1.79 0.00	29.08 1.57 0.00
SWANROAD_115KV_TB1 355699	23.07 -0.45 0.00	18.89 -0.85 0.00	18.65 -0.92 0.00	17.92 -0.96 0.00	18.52 -1.00 0.00	20.05 -1.28 0.00	25.51 -2.13 0.00	28.42 -2.40 0.00	28.92 -2.38 0.00	27.98 -2.63 0.00	29.02 -3.26 0.00	28.14 -2.76 0.47	28.51 -2.61 0.74	26.80 -2.48 2.12	25.48 -2.78 2.25	26.42 -2.64 2.05	27.81 -3.07 4.41	33.94 -3.29 4.98	39.38 -3.55 2.02	39.38 -4.13 0.00	38.61 -3.22 0.00	34.49 -3.24 0.00	29.57 -1.82 0.00	26.03 -1.49 0.00
SYNERGY___BIOGAS 323694	23.80 0.28 0.00	19.62 -0.12 0.00	19.36 -0.22 0.00	18.64 -0.25 0.00	19.24 -0.27 0.00	20.97 -0.36 0.00	26.75 -0.88 0.00	30.11 -0.71 0.00	30.54 -0.75 0.00	29.53 -1.07 0.00	30.79 -1.48 0.00	29.69 -1.38 0.29	30.21 -1.18 0.47	28.90 -1.16 1.34	27.62 -1.46 1.42	28.60 -1.21 1.29	30.92 -1.59 2.78	37.67 -1.35 3.19	42.38 -1.30 1.28	42.03 -1.48 0.00	41.49 -0.33 0.00	36.90 -0.83 0.00	31.29 -0.09 0.00	27.46 -0.06 0.00
SYRACUSE___ENERGY_ST1 323597	23.64 0.12 0.00	19.82 0.08 0.00	19.61 0.04 0.00	18.91 0.02 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.60 -0.03 0.00	30.60 -0.22 0.00	31.08 -0.22 0.00	30.24 -0.37 0.00	31.79 -0.48 0.00	30.89 -0.47 0.00	31.38 -0.48 0.00	30.96 -0.44 0.00	29.99 -0.52 0.00	30.64 -0.47 0.00	34.68 -0.60 0.00	41.83 -0.38 0.00	44.60 -0.36 0.00	43.25 -0.26 0.00	41.78 -0.04 0.00	37.58 -0.15 0.00	31.29 -0.09 0.00	27.49 -0.03 0.00
SYRACUSE___ENERGY_ST2 323598	23.64 0.12 0.00	19.82 0.08 0.00	19.61 0.04 0.00	18.91 0.02 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.60 -0.03 0.00	30.60 -0.22 0.00	31.08 -0.22 0.00	30.24 -0.37 0.00	31.79 -0.48 0.00	30.89 -0.47 0.00	31.38 -0.48 0.00	30.96 -0.44 0.00	29.99 -0.52 0.00	30.64 -0.47 0.00	34.68 -0.60 0.00	41.83 -0.38 0.00	44.60 -0.36 0.00	43.25 -0.26 0.00	41.78 -0.04 0.00	37.58 -0.15 0.00	31.29 -0.09 0.00	27.49 -0.03 0.00
SYRACUSE___POWER 24017	23.68 0.16 0.00	19.84 0.10 0.00	19.63 0.06 0.00	18.94 0.06 0.00	19.55 0.04 0.00	21.35 0.02 0.00	27.60 -0.03 0.00	30.67 -0.15 0.00	31.11 -0.19 0.00	30.39 -0.21 0.00	31.95 -0.32 0.00	31.02 -0.35 0.00	31.54 -0.32 0.00	31.08 -0.31 0.00	30.14 -0.37 0.00	30.80 -0.31 0.00	34.86 -0.42 0.00	41.92 -0.30 0.00	44.69 -0.27 0.00	43.38 -0.13 0.00	41.91 0.08 0.00	37.66 -0.08 0.00	31.38 0.00 0.00	27.57 0.06 0.00
TALLMAN_138KV_BK151 55660	24.91 1.39 0.00	20.96 1.22 0.00	20.69 1.12 0.00	19.96 1.08 0.00	20.66 1.15 0.00	22.48 1.15 0.00	28.85 1.22 0.00	32.30 1.48 0.00	32.95 1.66 0.00	32.44 1.84 0.00	34.24 1.97 0.00	33.37 2.01 0.00	33.89 2.04 0.00	33.50 2.10 0.00	32.85 2.35 0.00	33.47 2.36 0.00	37.83 2.54 0.00	45.17 2.96 0.00	47.88 2.92 0.00	46.38 2.87 0.00	44.54 2.72 0.00	39.88 2.15 0.00	33.42 2.04 0.00	29.30 1.79 0.00
TEALLAVE_115KV_TB7 355573	23.64 0.12 0.00	19.82 0.08 0.00	19.61 0.04 0.00	18.91 0.02 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.55 -0.08 0.00	30.60 -0.22 0.00	31.04 -0.25 0.00	30.33 -0.28 0.00	31.92 -0.35 0.00	30.99 -0.38 0.00	31.47 -0.38 0.00	31.05 -0.35 0.00	30.08 -0.43 0.00	30.73 -0.37 0.00	34.79 -0.49 0.00	41.83 -0.38 0.00	44.60 -0.36 0.00	43.25 -0.26 0.00	41.78 -0.04 0.00	37.54 -0.19 0.00	31.29 -0.09 0.00	27.49 -0.03 0.00
TELGRAPH_34_KV_EAST 80808	23.47 -0.05 0.00	19.28 -0.45 0.00	19.04 -0.53 0.00	18.34 -0.55 0.00	18.91 -0.60 0.00	20.61 -0.73 0.00	26.28 -1.35 0.00	29.34 -1.48 0.00	29.86 -1.44 0.00	28.86 -1.74 0.00	30.01 -2.26 0.00	28.94 -2.04 0.39	29.36 -1.88 0.62	27.83 -1.79 1.78	26.51 -2.10 1.89	27.50 -1.90 1.71	29.31 -2.29 3.69	35.66 -2.32 4.24	40.79 -2.47 1.70	40.81 -2.70 0.00	40.15 -1.67 0.00	35.77 -1.96 0.00	30.54 -0.85 0.00	26.80 -0.72 0.00
TEMPLE___115KV_TB 2 55572	23.66 0.14 0.00	19.82 0.08 0.00	19.61 0.04 0.00	18.93 0.04 0.00	19.51 0.00 0.00	21.33 0.00 0.00	27.57 -0.06 0.00	30.60 -0.22 0.00	31.08 -0.22 0.00	30.36 -0.24 0.00	31.92 -0.35 0.00	30.99 -0.38 0.00	31.50 -0.35 0.00	31.08 -0.31 0.00	30.11 -0.40 0.00	30.76 -0.34 0.00	34.83 -0.46 0.00	41.83 -0.38 0.00	44.60 -0.36 0.00	43.25 -0.26 0.00	41.78 -0.04 0.00	37.58 -0.15 0.00	31.32 -0.06 0.00	27.52 0.00 0.00
TIANA___69_KV_BK 1 55817	25.90 2.38 -0.01	24.05 2.25 -2.06	23.24 2.15 -1.51	22.43 2.08 -1.46	22.42 2.20 -0.70	23.56 2.22 -0.01	29.85 2.21 -0.01	33.69 2.87 -0.01	34.43 3.13 -0.01	33.70 3.09 -0.01	37.05 3.26 -1.52	36.21 3.17 -1.67	36.85 3.19 -1.81	36.75 3.17 -2.18	36.82 3.29 -3.02	37.49 3.30 -3.09	38.75 3.46 -0.01	46.43 4.14 -0.08	49.17 4.14 -0.08	47.61 4.09 -0.01	45.46 3.64 0.00	40.52 2.79 0.00	36.21 2.82 -2.00	32.32 2.56 -2.24

TILDEN___115KV_TB1 80814	23.68 0.16 0.00	19.84 0.10 0.00	19.63 0.06 0.00	18.94 0.06 0.00	19.55 0.04 0.00	21.35 0.02 0.00	27.60 -0.03 0.00	30.67 -0.15 0.00	31.11 -0.19 0.00	30.39 -0.21 0.00	31.95 -0.32 0.00	31.02 -0.35 0.00	31.54 -0.32 0.00	31.08 -0.31 0.00	30.14 -0.37 0.00	30.80 -0.31 0.00	34.86 -0.42 0.00	41.92 -0.30 0.00	44.69 -0.27 0.00	43.38 -0.13 0.00	41.91 0.08 0.00	37.66 -0.08 0.00	31.38 0.00 0.00	27.57 0.06 0.00
TRIGEN___CC 323695	25.27 1.74 -0.01	24.18 1.56 -2.88	21.06 1.47 -0.03	20.33 1.42 -0.03	21.05 1.52 -0.02	22.84 1.49 -0.01	29.30 1.66 -0.01	32.80 1.97 -0.01	33.43 2.13 -0.01	32.91 2.30 -0.01	36.79 2.32 -2.20	36.17 2.38 -2.42	36.87 2.39 -2.62	37.00 2.45 -3.16	37.53 2.65 -4.37	38.23 2.64 -4.47	38.15 2.86 -0.01	45.65 3.42 -0.01	48.34 3.37 -0.01	46.87 3.35 -0.01	44.92 3.10 0.00	40.18 2.45 0.00	44.25 2.45 -10.42	32.94 2.17 -3.25
TRINITY__115KV__4 BK 55933	24.34 0.82 0.00	20.51 0.77 0.00	20.31 0.74 0.00	19.59 0.70 0.00	20.21 0.70 0.00	22.04 0.70 0.00	28.24 0.61 0.00	31.59 0.77 0.00	23.56 0.50 8.23	18.74 0.73 12.59	22.80 0.74 10.22	32.02 0.66 0.00	32.52 0.67 0.00	32.15 0.75 0.00	31.42 0.92 0.00	32.01 0.90 0.00	36.13 0.85 0.00	42.93 0.72 0.00	45.54 0.58 0.00	44.33 0.83 0.00	42.62 0.79 0.00	38.45 0.72 0.00	32.20 0.82 0.00	28.51 0.99 0.00
UNION___PROCESSING_DRP 323587	23.52 0.00 0.00	19.50 -0.24 0.00	19.26 -0.31 0.00	18.60 -0.28 0.00	19.14 -0.37 0.00	20.93 -0.41 0.00	26.83 -0.80 0.00	29.89 -0.92 0.00	30.39 -0.91 0.00	29.50 -1.10 0.00	30.92 -1.36 0.00	29.92 -1.44 0.00	30.58 -1.27 0.00	30.14 -1.26 0.00	29.07 -1.43 0.00	29.86 -1.24 0.00	33.70 -1.59 0.00	40.71 -1.52 -0.01	43.43 -1.53 0.00	41.94 -1.57 0.00	41.03 -0.79 0.00	36.64 -1.09 0.00	30.88 -0.50 0.00	27.16 -0.36 0.00
UPPER HUDSON___HYD 24058	25.19 1.67 0.00	21.14 1.40 0.00	20.88 1.31 0.00	20.11 1.23 0.00	20.78 1.27 0.00	22.80 1.47 0.00	29.29 1.66 0.00	32.79 1.97 0.00	37.86 2.10 -4.47	39.45 2.02 -6.83	39.98 2.16 -5.54	33.50 2.13 0.00	33.96 2.10 0.00	33.53 2.14 0.00	32.64 2.13 0.00	33.32 2.21 0.00	37.33 2.05 0.00	44.62 2.40 0.00	47.38 2.43 0.00	46.25 2.74 0.00	44.54 2.72 0.00	40.30 2.57 0.00	33.64 2.26 0.00	29.58 2.06 0.00
UPPER RAQUET___HYD 24056	22.79 -0.73 0.00	19.15 -0.59 0.00	19.02 -0.55 0.00	18.38 -0.51 0.00	18.99 -0.53 0.00	20.93 -0.41 0.00	27.44 -0.19 0.00	30.82 0.00 0.00	31.23 -0.06 0.00	30.39 -0.21 0.00	32.11 -0.16 0.00	31.11 -0.25 0.00	31.22 -0.64 0.00	30.70 -0.69 0.00	29.68 -0.82 0.00	30.20 -0.90 0.00	34.54 -0.74 0.00	41.41 -0.80 0.00	44.59 -0.36 0.00	42.86 -0.65 0.00	41.20 -0.63 0.00	37.13 -0.61 0.00	30.85 -0.53 0.00	26.77 -0.74 0.00
VALLEY44_115KV_TB2 355964	23.31 -0.21 0.00	19.21 -0.53 0.00	18.98 -0.59 0.00	18.34 -0.55 0.00	18.87 -0.64 0.00	20.65 -0.68 0.00	26.44 -1.19 0.00	29.56 -1.26 0.00	30.04 -1.25 0.00	29.13 -1.47 0.00	30.21 -2.07 0.00	29.01 -2.13 0.22	29.27 -2.23 0.36	28.31 -2.07 1.01	26.90 -2.53 1.08	27.61 -2.52 0.98	30.18 -3.00 2.10	36.23 -3.55 2.44	40.35 -3.64 0.97	41.20 -2.31 0.00	40.32 -1.51 0.00	35.96 -1.77 0.00	30.63 -0.75 0.00	26.77 -0.74 0.00
VALLEY___115KV_TB 1-4 80826	23.28 -0.24 0.00	19.56 -0.18 0.00	19.41 -0.16 0.00	18.76 -0.13 0.00	19.43 -0.08 0.00	21.29 -0.04 0.00	27.57 -0.06 0.00	30.82 0.00 0.00	31.33 0.03 0.00	30.63 0.03 0.00	32.30 0.03 0.00	31.40 0.03 0.00	31.89 0.03 0.00	31.40 0.00 0.00	30.47 -0.03 0.00	31.04 -0.06 0.00	35.14 -0.14 0.00	42.05 -0.17 0.00	44.78 -0.18 0.00	43.38 -0.13 0.00	41.78 -0.04 0.00	37.73 0.00 0.00	31.38 0.00 0.00	27.54 0.03 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.58 1.06 0.00	20.63 0.89 0.00	20.47 0.90 0.00	19.74 0.85 0.00	20.41 0.90 0.00	22.27 0.94 0.00	28.62 0.99 0.00	32.02 1.20 0.00	32.70 1.41 0.00	32.01 1.41 0.00	33.72 1.45 0.00	32.78 1.41 0.00	33.29 1.43 0.00	32.87 1.48 0.00	31.76 1.25 0.00	32.44 1.34 0.00	36.70 1.41 0.00	43.90 1.69 0.00	46.80 1.84 0.00	45.42 1.91 0.00	43.83 2.01 0.00	39.43 1.70 0.00	32.86 1.48 0.00	28.81 1.29 0.00
VISCHER___FERRY HYD 24020	24.69 1.18 0.00	20.74 1.01 0.00	20.55 0.98 0.00	19.81 0.93 0.00	20.47 0.96 0.00	22.33 1.00 0.00	28.60 0.97 0.00	32.05 1.23 0.00	46.04 1.25 -13.50	52.62 1.38 -20.64	50.44 1.42 -16.75	32.68 1.32 0.00	33.16 1.31 0.00	32.78 1.38 0.00	32.00 1.49 0.00	32.63 1.52 0.00	36.80 1.52 0.00	43.86 1.64 0.00	46.53 1.57 0.00	45.33 1.83 0.00	43.62 1.80 0.00	39.20 1.47 0.00	32.83 1.44 0.00	28.92 1.40 0.00
V_A_10_SYNC_DSASP 323832	23.12 -0.40 0.00	19.03 -0.71 0.00	18.79 -0.78 0.00	18.17 -0.72 0.00	18.67 -0.84 0.00	20.41 -0.92 0.00	26.14 -1.49 0.00	29.06 -1.76 0.00	29.57 -1.72 0.00	28.68 -1.93 0.00	29.85 -2.42 0.00	28.65 -2.42 0.30	29.07 -2.29 0.49	27.83 -2.20 1.37	26.67 -2.38 1.46	27.54 -2.24 1.33	29.84 -2.61 2.84	36.13 -2.70 3.38	40.77 -2.88 1.31	40.51 -3.00 0.00	39.61 -2.22 0.00	35.39 -2.34 0.00	30.13 -1.26 0.00	26.52 -0.99 0.00
V_CMM_10_SYNC_DSASP 323787	22.86 -0.66 0.00	19.19 -0.55 0.00	19.08 -0.49 0.00	18.43 -0.45 0.00	19.03 -0.49 0.00	20.91 -0.43 0.00	27.35 -0.28 0.00	30.67 -0.15 0.00	31.17 -0.12 0.00	30.42 -0.18 0.00	32.21 -0.06 0.00	31.24 -0.12 0.00	31.70 -0.16 0.00	31.14 -0.25 0.00	30.14 -0.36 0.00	30.67 -0.44 0.00	34.97 -0.32 0.00	41.79 -0.42 0.00	44.69 -0.27 0.00	43.03 -0.48 0.00	41.28 -0.54 0.00	37.32 -0.41 0.00	30.82 -0.56 0.00	26.83 -0.69 0.00
V_CMP_10_SYNC_DSASP 323788	22.86 -0.66 0.00	19.19 -0.55 0.00	19.06 -0.51 0.00	18.40 -0.49 0.00	19.01 -0.51 0.00	20.91 -0.43 0.00	27.41 -0.22 0.00	30.82 0.00 0.00	31.45 0.16 0.00	30.73 0.12 0.00	32.53 0.26 0.00	31.59 0.22 0.00	31.98 0.13 0.00	31.43 0.03 0.00	30.35 -0.15 0.00	30.83 -0.28 0.00	35.00 -0.28 0.00	41.83 -0.38 0.00	44.73 -0.22 0.00	43.07 -0.44 0.00	41.37 -0.46 0.00	37.32 -0.41 0.00	30.76 -0.63 0.00	26.77 -0.74 0.00
V_D_10_SYNC_DSASP 323841	22.95 -0.56 0.00	19.26 -0.47 0.00	19.16 -0.41 0.00	18.51 -0.38 0.00	19.10 -0.41 0.00	20.99 -0.34 0.00	27.47 -0.16 0.00	30.82 0.00 0.00	31.29 0.00 0.00	30.54 -0.06 0.00	32.34 0.06 0.00	31.37 0.00 0.00	31.79 -0.06 0.00	31.24 -0.16 0.00	30.23 -0.28 0.00	30.77 -0.34 0.00	35.11 -0.18 0.00	42.00 -0.21 0.00	44.96 0.00 0.00	43.21 -0.30 0.00	41.49 -0.34 0.00	37.51 -0.23 0.00	30.94 -0.44 0.00	26.94 -0.58 0.00
V_E_10_SYNC_DSASP 323830	24.79 1.27 0.00	20.78 1.05 0.00	20.57 1.00 0.00	19.85 0.96 0.00	20.57 1.05 0.00	22.68 1.34 0.00	29.32 1.69 0.00	32.79 1.97 0.00	33.27 1.97 0.00	32.16 1.56 0.00	33.76 1.49 0.00	32.73 1.26 -0.11	33.34 1.31 -0.18	33.19 1.29 -0.50	32.07 1.04 -0.53	32.77 1.18 -0.48	37.66 1.34 -1.03	45.50 2.07 -1.22	48.27 2.83 -0.48	46.51 3.00 0.00	45.21 3.39 0.00	40.68 2.94 0.00	33.64 2.26 0.00	29.30 1.79 0.00

V_F_30_NSYNC___DSASP 323816	24.95 1.43 0.00	20.94 1.20 0.00	20.73 1.15 0.00	19.96 1.08 0.00	20.62 1.11 0.00	22.57 1.24 0.00	28.96 1.33 0.00	32.39 1.57 0.00	38.61 1.66 -5.66	40.90 1.65 -8.65	41.03 1.74 -7.02	33.06 1.69 0.00	33.51 1.66 0.00	33.12 1.73 0.00	32.24 1.74 0.00	32.91 1.80 0.00	37.08 1.80 0.00	44.28 2.07 0.00	47.07 2.11 0.00	45.90 2.39 0.00	44.21 2.38 0.00	39.81 2.07 0.00	33.27 1.88 0.00	29.25 1.73 0.00
V_F_30_SYNC_DSASP 323786	24.41 0.89 0.00	20.57 0.83 0.00	20.37 0.80 0.00	19.64 0.76 0.00	20.25 0.74 0.00	22.10 0.77 0.00	28.32 0.69 0.00	31.68 0.86 0.00	24.74 0.63 7.18	20.45 0.83 10.98	24.21 0.84 8.91	32.18 0.82 0.00	32.65 0.80 0.00	32.27 0.88 0.00	31.51 1.01 0.00	32.13 1.03 0.00	36.27 0.99 0.00	43.10 0.89 0.00	45.72 0.76 0.00	44.51 1.00 0.00	42.79 0.96 0.00	38.60 0.87 0.00	32.32 0.94 0.00	28.62 1.10 0.00
V_XM_10_SYNC_DSASP 323789	22.86 -0.66 0.00	19.19 -0.55 0.00	19.06 -0.51 0.00	18.40 -0.49 0.00	19.01 -0.51 0.00	20.91 -0.43 0.00	27.41 -0.22 0.00	30.82 0.00 0.00	31.45 0.16 0.00	30.73 0.12 0.00	32.53 0.26 0.00	31.59 0.22 0.00	31.98 0.13 0.00	31.43 0.03 0.00	30.35 -0.15 0.00	30.83 -0.28 0.00	35.00 -0.28 0.00	41.83 -0.38 0.00	44.73 -0.22 0.00	43.07 -0.44 0.00	41.37 -0.46 0.00	37.32 -0.41 0.00	30.76 -0.63 0.00	26.77 -0.74 0.00
W.BABYLN_69_KV_BK1 56697	25.81 2.28 -0.01	23.83 1.99 -2.10	21.69 1.90 -0.22	20.94 1.83 -0.22	21.55 1.93 -0.11	23.32 1.98 -0.01	29.85 2.21 -0.01	33.48 2.65 -0.01	34.12 2.82 -0.01	33.52 2.91 -0.01	36.90 3.03 -1.59	36.20 3.07 -1.76	36.85 3.09 -1.90	36.82 3.14 -2.29	37.00 3.32 -3.17	37.68 3.33 -3.25	38.86 3.56 -0.01	46.50 4.26 -0.02	49.29 4.32 -0.02	47.82 4.31 -0.01	45.76 3.93 0.00	40.90 3.17 0.00	38.19 3.14 -3.67	32.65 2.78 -2.36
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.98 1.46 0.00	21.02 1.28 0.00	20.75 1.17 0.00	20.02 1.13 0.00	20.72 1.21 0.00	22.55 1.22 0.00	28.93 1.30 0.00	32.39 1.57 0.00	33.02 1.72 0.00	32.50 1.90 0.00	34.31 2.03 0.00	33.47 2.10 0.00	33.99 2.13 0.00	33.59 2.20 0.00	32.94 2.44 0.00	33.56 2.46 0.00	37.93 2.65 0.00	45.30 3.08 0.00	48.01 3.06 0.00	46.51 3.00 0.00	44.67 2.84 0.00	40.03 2.30 0.00	33.55 2.17 0.00	29.39 1.87 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.09 1.58 0.00	21.16 1.42 0.00	20.86 1.29 0.00	20.13 1.25 0.00	20.84 1.33 0.00	22.63 1.30 0.00	29.09 1.46 0.00	32.64 1.82 0.00	33.36 2.07 0.00	32.87 2.26 0.00	34.66 2.39 0.00	33.81 2.45 0.00	34.34 2.48 0.00	33.97 2.57 0.00	33.34 2.84 0.00	33.97 2.86 0.00	38.35 3.07 0.00	45.68 3.46 0.00	48.33 3.37 0.00	46.77 3.26 0.00	44.92 3.10 0.00	40.30 2.57 0.00	33.80 2.42 0.00	29.61 2.09 0.00
W50THST__13_KV_LOAD 356117	25.21 1.69 0.00	21.24 1.50 0.00	20.96 1.39 0.00	20.21 1.32 0.00	20.94 1.42 0.00	22.74 1.41 0.00	29.26 1.63 0.00	32.85 2.03 0.00	33.55 2.25 0.00	33.08 2.48 0.00	34.89 2.61 0.00	34.00 2.63 0.00	34.56 2.71 0.00	34.19 2.79 0.00	33.55 3.05 0.00	34.16 3.05 0.00	38.57 3.28 0.00	45.97 3.76 0.00	48.64 3.69 0.00	47.03 3.52 0.00	45.17 3.35 0.00	40.52 2.79 0.00	33.99 2.60 0.00	29.74 2.23 0.00
WADING RIVER_IC_1 23522	25.45 1.93 -0.01	23.71 1.91 -2.06	22.92 1.84 -1.51	22.12 1.77 -1.46	22.10 1.89 -0.69	23.20 1.85 -0.01	29.27 1.63 -0.01	33.08 2.25 -0.01	33.75 2.44 -0.01	33.00 2.39 -0.01	36.31 2.52 -1.52	35.55 2.51 -1.67	36.18 2.52 -1.81	36.09 2.51 -2.18	36.24 2.71 -3.02	36.90 2.70 -3.09	38.08 2.79 -0.01	45.67 3.38 -0.08	48.41 3.37 -0.08	46.91 3.40 -0.01	44.79 2.97 0.00	39.81 2.07 0.00	35.74 2.35 -2.00	31.88 2.12 -2.24
WADING RIVER_IC_2 23547	25.45 1.93 -0.01	23.71 1.91 -2.06	22.92 1.84 -1.51	22.12 1.77 -1.46	22.10 1.89 -0.69	23.20 1.85 -0.01	29.27 1.63 -0.01	33.08 2.25 -0.01	33.75 2.44 -0.01	33.00 2.39 -0.01	36.31 2.52 -1.52	35.55 2.51 -1.67	36.18 2.52 -1.81	36.09 2.51 -2.18	36.24 2.71 -3.02	36.90 2.70 -3.09	38.08 2.79 -0.01	45.67 3.38 -0.08	48.41 3.37 -0.08	46.91 3.40 -0.01	44.79 2.97 0.00	39.81 2.07 0.00	35.74 2.35 -2.00	31.88 2.12 -2.24
WADING RIVER_IC_3 23601	25.45 1.93 -0.01	23.71 1.91 -2.06	22.92 1.84 -1.51	22.12 1.77 -1.46	22.10 1.89 -0.69	23.20 1.85 -0.01	29.27 1.63 -0.01	33.08 2.25 -0.01	33.75 2.44 -0.01	33.00 2.39 -0.01	36.31 2.52 -1.52	35.55 2.51 -1.67	36.18 2.52 -1.81	36.09 2.51 -2.18	36.24 2.71 -3.02	36.90 2.70 -3.09	38.08 2.79 -0.01	45.67 3.38 -0.08	48.41 3.37 -0.08	46.91 3.40 -0.01	44.79 2.97 0.00	39.81 2.07 0.00	35.74 2.35 -2.00	31.88 2.12 -2.24
WALDENNY_12_KV_BK2 80841	23.38 -0.14 0.00	19.19 -0.55 0.00	18.94 -0.63 0.00	18.30 -0.59 0.00	18.81 -0.70 0.00	20.54 -0.79 0.00	26.22 -1.41 0.00	29.28 -1.54 0.00	29.82 -1.47 0.00	28.89 -1.71 0.00	29.92 -2.36 0.00	28.56 -2.23 0.58	28.77 -2.17 0.92	26.72 -2.07 2.60	25.33 -2.41 2.77	26.29 -2.30 2.51	27.21 -2.68 5.39	33.01 -2.91 6.29	39.32 -3.15 2.49	40.64 -2.87 0.00	39.86 -1.97 0.00	35.58 -2.15 0.00	30.47 -0.91 0.00	26.72 -0.80 0.00
WALDEN__HYDRO 24148	24.86 1.34 0.00	20.92 1.18 0.00	20.67 1.10 0.00	19.95 1.06 0.00	20.62 1.11 0.00	22.46 1.13 0.00	28.76 1.13 0.00	32.14 1.33 0.00	32.77 1.47 0.00	32.19 1.59 0.00	33.98 1.71 0.00	33.15 1.79 0.00	33.70 1.85 0.00	33.28 1.88 0.00	32.64 2.14 0.00	33.25 2.15 0.00	37.58 2.29 0.00	44.96 2.74 0.00	47.70 2.74 0.00	46.25 2.74 0.00	44.46 2.63 0.00	39.84 2.11 0.00	33.36 1.98 0.00	29.25 1.73 0.00
WARRENSBURG____ 23737	25.19 1.67 0.00	21.14 1.40 0.00	20.88 1.31 0.00	20.12 1.23 0.00	20.78 1.27 0.00	22.80 1.47 0.00	29.29 1.66 0.00	32.79 1.97 0.00	37.86 2.10 -4.47	39.45 2.02 -6.83	39.98 2.16 -5.54	33.50 2.13 0.00	33.93 2.07 0.00	33.53 2.13 0.00	32.64 2.14 0.00	33.32 2.21 0.00	37.33 2.05 0.00	44.62 2.41 0.00	47.38 2.43 0.00	46.25 2.74 0.00	44.54 2.72 0.00	40.30 2.57 0.00	33.64 2.26 0.00	29.58 2.06 0.00
WATERSIDE____6 8 9 23538	25.16 1.65 0.00	21.25 1.50 -0.01	20.94 1.37 0.00	20.19 1.30 0.00	20.92 1.40 0.00	22.65 1.32 0.00	29.12 1.49 0.00	32.70 1.88 0.00	33.39 2.10 0.00	32.93 2.33 0.00	34.72 2.45 0.00	33.87 2.51 0.00	34.40 2.55 0.00	34.03 2.64 0.00	33.40 2.90 0.00	34.03 2.92 0.00	38.39 3.11 0.00	45.72 3.50 0.00	48.33 3.37 0.00	46.77 3.26 0.00	44.92 3.10 0.00	40.37 2.64 0.00	33.89 2.51 0.00	29.72 2.20 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.42 -0.09 0.00	19.68 -0.06 0.00	19.51 -0.06 0.00	18.85 -0.04 0.00	19.51 0.00 0.00	21.35 0.02 0.00	27.60 -0.03 0.00	30.85 0.03 0.00	31.33 0.03 0.00	30.63 0.03 0.00	32.30 0.03 0.00	31.40 0.03 0.00	31.89 0.03 0.00	31.43 0.03 0.00	30.53 0.03 0.00	31.11 0.00 0.00	35.21 -0.07 0.00	42.13 -0.08 0.00	44.87 -0.09 0.00	43.51 0.00 0.00	41.87 0.04 0.00	37.77 0.04 0.00	31.41 0.03 0.00	27.57 0.06 0.00

WDELAWARE___HYD 323627	24.93 1.41 0.00	20.96 1.22 0.00	20.71 1.13 0.00	19.98 1.10 0.00	20.66 1.15 0.00	22.55 1.22 0.00	28.76 1.13 0.00	32.17 1.35 0.00	32.80 1.50 0.00	32.19 1.59 0.00	33.95 1.68 0.00	33.15 1.79 0.00	33.70 1.85 0.00	33.28 1.88 0.00	32.61 2.10 0.00	33.25 2.14 0.00	37.61 2.33 0.00	45.13 2.91 0.00	48.01 3.06 0.00	46.51 3.00 0.00	44.75 2.93 0.00	40.03 2.30 0.00	33.49 2.10 0.00	29.33 1.82 0.00
WEST BABYLON___IC 23714	25.81 2.28 -0.01	23.83 1.99 -2.10	21.69 1.90 -0.22	20.94 1.83 -0.22	21.55 1.93 -0.11	23.32 1.98 -0.01	29.85 2.21 -0.01	33.48 2.65 -0.01	34.12 2.82 -0.01	33.52 2.91 -0.01	36.90 3.03 -1.59	36.20 3.07 -1.76	36.85 3.09 -1.90	36.82 3.14 -2.29	37.00 3.32 -3.17	37.68 3.33 -3.25	38.86 3.56 -0.01	46.50 4.26 -0.02	49.29 4.32 -0.02	47.82 4.31 -0.01	45.76 3.93 0.00	40.90 3.17 0.00	38.19 3.14 -3.67	32.65 2.78 -2.36
WEST CANADA___HYD 24049	23.64 0.12 0.00	19.86 0.12 0.00	19.69 0.12 0.00	19.00 0.11 0.00	19.63 0.12 0.00	21.44 0.11 0.00	27.71 0.08 0.00	30.91 0.09 0.00	31.39 0.09 0.00	30.73 0.12 0.00	32.37 0.10 0.00	31.46 0.09 0.00	31.95 0.10 0.00	31.52 0.13 0.00	30.66 0.15 0.00	31.23 0.12 0.00	35.36 0.07 0.00	42.30 0.08 0.00	45.05 0.09 0.00	43.64 0.13 0.00	41.99 0.17 0.00	37.84 0.11 0.00	31.51 0.13 0.00	27.68 0.17 0.00
WESTERN_NY_WIND 24143	23.78 0.26 0.00	19.58 -0.16 0.00	19.34 -0.23 0.00	18.62 -0.26 0.00	19.22 -0.29 0.00	20.95 -0.38 0.00	26.69 -0.94 0.00	30.08 -0.74 0.00	30.51 -0.78 0.00	29.47 -1.13 0.00	30.76 -1.52 0.00	29.60 -1.44 0.32	30.14 -1.21 0.50	28.76 -1.19 1.44	27.48 -1.49 1.53	28.47 -1.24 1.39	30.67 -1.62 2.99	37.34 -1.44 3.44	42.19 -1.39 1.38	41.99 -1.52 0.00	41.41 -0.42 0.00	36.83 -0.91 0.00	31.26 -0.13 0.00	27.43 -0.08 0.00
WESTOVER___LESR 323668	23.89 0.38 0.00	19.96 0.22 0.00	19.77 0.20 0.00	19.08 0.19 0.00	19.69 0.18 0.00	21.50 0.17 0.00	27.69 0.06 0.00	30.85 0.03 0.00	31.29 0.00 0.00	30.57 -0.03 0.00	32.05 -0.23 0.00	31.08 -0.28 0.00	31.57 -0.29 0.00	31.18 -0.22 0.00	30.23 -0.27 0.00	30.89 -0.22 0.00	34.93 -0.35 0.00	41.96 -0.25 0.00	44.78 -0.18 0.00	43.55 0.04 0.00	42.20 0.38 0.00	37.84 0.11 0.00	31.70 0.31 0.00	27.82 0.30 0.00
WETHRSFD_WT_PWR 323626	23.31 -0.21 0.00	19.21 -0.53 0.00	18.98 -0.59 0.00	18.36 -0.53 0.00	18.89 -0.63 0.00	20.65 -0.68 0.00	26.52 -1.11 0.00	29.37 -1.45 0.00	29.82 -1.47 0.00	28.89 -1.71 0.00	29.88 -2.39 0.00	26.45 -2.45 2.47	25.46 -2.45 3.94	17.88 -2.39 11.13	15.97 -2.72 11.82	17.69 -2.68 10.74	9.10 -3.18 23.01	11.56 -3.50 27.15	30.74 -3.60 10.62	40.51 -3.00 0.00	39.82 -2.01 0.00	35.96 -1.77 0.00	30.57 -0.82 0.00	26.66 -0.85 0.00
WHAVSTOR_138KV_BK127 55557	24.88 1.36 0.00	20.96 1.22 0.00	20.69 1.12 0.00	19.96 1.08 0.00	20.66 1.15 0.00	22.46 1.13 0.00	28.90 1.27 0.00	32.36 1.54 0.00	32.98 1.69 0.00	32.47 1.87 0.00	34.27 2.00 0.00	33.40 2.04 0.00	33.96 2.10 0.00	33.56 2.17 0.00	32.91 2.41 0.00	33.53 2.43 0.00	37.90 2.61 0.00	45.21 3.00 0.00	47.92 2.97 0.00	46.42 2.92 0.00	44.59 2.76 0.00	39.84 2.11 0.00	33.42 2.04 0.00	29.30 1.79 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.88 1.36 0.00	20.96 1.22 0.00	20.69 1.12 0.00	19.96 1.08 0.00	20.66 1.15 0.00	22.46 1.13 0.00	28.90 1.27 0.00	32.36 1.54 0.00	32.98 1.69 0.00	32.47 1.87 0.00	34.27 2.00 0.00	33.40 2.04 0.00	33.96 2.10 0.00	33.56 2.17 0.00	32.91 2.41 0.00	33.53 2.43 0.00	37.90 2.61 0.00	45.21 3.00 0.00	47.92 2.97 0.00	46.42 2.92 0.00	44.59 2.76 0.00	39.84 2.11 0.00	33.42 2.04 0.00	29.30 1.79 0.00
WHITEHAL_115KV_TB1 80871	25.61 2.09 0.00	21.48 1.74 0.00	21.18 1.60 0.00	20.36 1.47 0.00	21.03 1.52 0.00	23.21 1.88 0.00	29.79 2.16 0.00	33.32 2.50 0.00	38.95 2.69 -4.96	40.64 2.45 -7.58	41.11 2.68 -6.15	34.00 2.63 0.00	34.44 2.58 0.00	34.03 2.64 0.00	33.07 2.56 0.00	33.78 2.68 0.00	37.93 2.65 0.00	45.42 3.21 0.00	48.37 3.42 0.00	47.38 3.87 0.00	45.67 3.85 0.00	41.20 3.47 0.00	34.36 2.98 0.00	30.16 2.64 0.00
WHITEPLN_13_KV_LOAD 356215	25.23 1.72 0.00	21.22 1.48 0.00	20.96 1.39 0.00	20.23 1.34 0.00	20.94 1.42 0.00	22.76 1.43 0.00	29.26 1.63 0.00	32.82 2.00 0.00	33.52 2.22 0.00	33.05 2.45 0.00	34.89 2.61 0.00	33.97 2.60 0.00	34.50 2.64 0.00	34.13 2.73 0.00	33.43 2.93 0.00	34.00 2.89 0.00	38.57 3.28 0.00	45.93 3.71 0.00	48.69 3.73 0.00	47.16 3.65 0.00	45.25 3.43 0.00	40.45 2.72 0.00	33.93 2.54 0.00	29.72 2.20 0.00
WM_FLOYD_69_KV_BK2 356380	25.62 2.09 -0.01	23.77 1.97 -2.06	23.01 1.90 -1.54	22.19 1.81 -1.49	22.15 1.93 -0.71	23.28 1.94 -0.01	29.57 1.93 -0.01	33.32 2.50 -0.01	33.96 2.66 -0.01	33.27 2.66 -0.01	36.60 2.81 -1.52	35.83 2.79 -1.67	36.50 2.84 -1.81	36.43 2.86 -2.18	36.52 2.99 -3.02	37.22 3.02 -3.09	38.47 3.18 -0.01	46.09 3.80 -0.08	48.86 3.82 -0.08	47.34 3.83 -0.01	45.25 3.43 0.00	40.37 2.64 0.00	36.14 2.73 -2.03	32.18 2.42 -2.25
WOODARD___115KV_TB2 355635	23.59 0.07 0.00	19.78 0.04 0.00	19.57 0.00 0.00	18.89 0.00 0.00	19.47 -0.04 0.00	21.29 -0.04 0.00	27.52 -0.11 0.00	30.54 -0.28 0.00	31.01 -0.28 0.00	30.27 -0.34 0.00	31.85 -0.42 0.00	30.93 -0.44 0.00	31.44 -0.41 0.00	30.99 -0.41 0.00	30.05 -0.46 0.00	30.70 -0.40 0.00	34.76 -0.53 0.00	41.75 -0.46 0.00	44.51 -0.45 0.00	43.16 -0.35 0.00	41.70 -0.13 0.00	37.47 -0.26 0.00	31.23 -0.16 0.00	27.43 -0.08 0.00
WOODMERE_69_KV_BK1 55827	25.62 2.09 -0.01	24.23 1.82 -2.68	21.33 1.74 -0.02	20.57 1.66 -0.02	21.30 1.78 -0.02	23.14 1.79 -0.01	29.69 2.04 -0.01	33.23 2.40 -0.01	33.87 2.57 -0.01	33.34 2.72 -0.01	37.09 2.78 -2.04	36.44 2.82 -2.25	37.13 2.84 -2.44	37.25 2.92 -2.93	37.65 3.08 -4.07	38.35 3.08 -4.16	38.68 3.39 -0.01	46.32 4.09 -0.01	49.10 4.14 -0.01	47.61 4.09 -0.01	45.63 3.81 0.00	40.79 3.06 0.00	58.92 2.95 -24.59	33.12 2.59 -3.02
YORK___WARBASSE 23770	25.36 1.83 -0.01	21.39 1.64 -0.01	21.09 1.51 -0.01	20.33 1.44 -0.01	21.06 1.54 -0.01	22.78 1.45 0.00	29.32 1.69 0.00	32.92 2.10 -0.01	33.62 2.32 -0.01	33.15 2.54 -0.01	34.96 2.68 -0.01	34.10 2.73 -0.01	34.63 2.77 -0.01	34.26 2.86 -0.01	33.60 3.08 -0.01	34.22 3.08 -0.04	38.60 3.28 -0.04	46.01 3.76 -0.04	48.59 3.60 -0.04	47.03 3.52 0.00	45.23 3.39 -0.01	40.60 2.87 0.00	34.15 2.76 -0.01	29.92 2.39 -0.01