

ALBANY___2 23572	35.99 -0.13 0.00	31.02 0.00 0.00	26.22 0.07 0.00	24.38 0.17 0.00	24.01 0.24 0.00	26.12 0.22 0.00	40.15 0.13 0.00	39.43 0.16 0.00	30.45 0.27 -0.13	29.10 0.23 -0.33	31.15 0.18 0.00	32.96 0.12 0.00	35.55 0.18 0.04	34.29 0.17 0.00	33.04 0.20 0.00	35.80 0.40 0.00	40.03 0.27 0.00	42.01 0.17 0.00	48.19 0.37 0.00	48.47 0.19 0.00	51.38 -0.11 0.00	41.42 0.00 0.00	40.73 -0.02 0.00	35.91 0.07 0.00
ALBANY___3 23573	35.99 -0.13 0.00	31.02 0.00 0.00	26.22 0.07 0.00	24.38 0.17 0.00	24.01 0.24 0.00	26.12 0.22 0.00	40.15 0.13 0.00	39.43 0.16 0.00	30.45 0.27 -0.13	29.10 0.23 -0.33	31.15 0.18 0.00	32.96 0.12 0.00	35.55 0.18 0.04	34.29 0.17 0.00	33.04 0.20 0.00	35.80 0.40 0.00	40.03 0.27 0.00	42.01 0.17 0.00	48.19 0.37 0.00	48.47 0.19 0.00	51.38 -0.11 0.00	41.42 0.00 0.00	40.73 -0.02 0.00	35.91 0.07 0.00
ALBANY___4 23574	35.99 -0.13 0.00	31.02 0.00 0.00	26.22 0.07 0.00	24.38 0.17 0.00	24.01 0.24 0.00	26.12 0.22 0.00	40.15 0.13 0.00	39.43 0.16 0.00	30.45 0.27 -0.13	29.10 0.23 -0.33	31.15 0.18 0.00	32.96 0.12 0.00	35.55 0.18 0.04	34.29 0.17 0.00	33.04 0.20 0.00	35.80 0.40 0.00	40.03 0.27 0.00	42.01 0.17 0.00	48.19 0.37 0.00	48.47 0.19 0.00	51.38 -0.11 0.00	41.42 0.00 0.00	40.73 -0.02 0.00	35.91 0.07 0.00
ALBANY___LFGE 323615	36.41 0.29 0.00	31.35 0.33 0.00	26.48 0.34 0.00	24.62 0.41 0.00	24.25 0.48 0.00	26.39 0.48 0.00	40.61 0.58 0.00	39.90 0.63 0.00	30.77 0.58 -0.13	29.41 0.53 -0.33	31.47 0.50 0.00	33.33 0.49 0.00	35.98 0.61 0.04	34.70 0.58 0.00	33.46 0.62 0.00	36.25 0.84 0.00	40.55 0.80 0.00	42.59 0.75 0.00	48.83 1.01 0.00	49.12 0.84 0.00	52.06 0.56 0.00	41.95 0.53 0.00	41.23 0.48 0.00	36.33 0.49 0.00
ALCOA_PA_115KV_PL-6C 55860	36.58 0.46 0.00	31.42 0.40 0.00	26.47 0.32 0.00	24.45 0.24 0.00	23.96 0.19 0.00	26.16 0.26 0.00	40.55 0.52 0.00	39.81 0.54 0.00	30.32 0.26 0.00	28.72 0.17 0.00	31.15 0.19 0.00	33.01 0.17 0.00	35.45 0.04 0.00	34.09 -0.03 0.00	33.38 0.06 -0.48	36.70 0.03 -1.28	40.74 0.19 -0.79	42.19 0.35 0.00	48.28 0.46 0.00	48.94 0.66 0.00	52.61 1.12 0.00	42.24 0.82 0.00	41.41 0.65 0.00	36.29 0.44 0.00
ALCOA_RYNLDS___DRP 24188	36.58 0.46 0.00	31.42 0.40 0.00	26.47 0.32 0.00	24.45 0.24 0.00	23.96 0.19 0.00	26.16 0.26 0.00	40.55 0.52 0.00	39.81 0.54 0.00	30.32 0.26 0.00	28.72 0.17 0.00	31.15 0.19 0.00	33.01 0.17 0.00	35.45 0.04 0.00	34.09 -0.03 0.00	33.38 0.06 -0.48	36.70 0.03 -1.28	40.74 0.19 -0.79	42.19 0.35 0.00	48.28 0.46 0.00	48.94 0.66 0.00	52.61 1.12 0.00	42.24 0.82 0.00	41.41 0.65 0.00	36.29 0.44 0.00
ALCOA___DSASP 323711	36.58 0.46 0.00	31.42 0.40 0.00	26.47 0.32 0.00	24.45 0.24 0.00	23.96 0.19 0.00	26.16 0.26 0.00	40.55 0.52 0.00	39.81 0.54 0.00	30.32 0.26 0.00	28.72 0.17 0.00	31.15 0.19 0.00	33.01 0.17 0.00	35.45 0.05 0.00	34.09 -0.02 0.00	33.38 0.06 -0.48	36.70 0.03 -1.28	40.74 0.19 -0.79	42.19 0.35 0.00	48.28 0.46 0.00	48.94 0.66 0.00	52.61 1.12 0.00	42.24 0.82 0.00	41.40 0.65 0.00	36.29 0.45 0.00
ALLEGHENY___COGEN 23514	36.60 0.49 0.00	31.40 0.38 0.00	26.38 0.24 0.00	24.45 0.24 0.00	24.03 0.26 0.00	26.42 0.52 0.00	40.92 0.90 0.00	39.99 0.72 0.00	30.13 0.07 0.00	28.30 -0.24 0.00	31.16 0.20 0.00	33.49 0.66 0.00	35.92 0.51 0.00	34.25 0.13 0.00	33.04 0.19 0.00	34.91 -0.49 0.00	39.65 -0.10 0.00	42.96 1.12 0.00	48.93 1.11 0.00	50.19 1.90 0.00	53.82 2.33 0.00	42.76 1.34 0.00	42.17 1.42 0.00	36.66 0.82 0.00
ALTAMONT_115KV_TB 2 55880	36.70 0.58 0.00	31.54 0.52 0.00	26.61 0.47 0.00	24.69 0.48 0.00	24.27 0.50 0.00	26.41 0.51 0.00	40.76 0.74 0.00	40.06 0.79 0.00	30.79 0.62 -0.12	29.42 0.57 -0.30	31.53 0.57 0.00	33.43 0.59 0.00	36.07 0.69 0.02	34.76 0.65 0.00	33.45 0.61 0.00	36.19 0.79 0.00	40.55 0.79 0.00	42.63 0.79 0.00	48.87 1.04 0.00	49.18 0.90 0.00	52.19 0.70 0.00	42.07 0.64 0.00	41.40 0.65 0.00	36.49 0.65 0.00
ALTONA_WT_PWR 323606	36.72 0.60 0.00	31.02 0.00 0.00	26.00 -0.14 0.00	23.73 -0.48 0.00	23.02 -0.75 0.00	25.02 -0.88 0.00	38.75 -1.28 0.00	38.61 -0.66 0.00	29.77 -0.28 0.00	28.28 -0.27 0.00	30.84 -0.13 0.00	32.46 -0.38 0.00	34.75 -0.66 0.00	32.63 -1.49 0.00	13.33 -1.49 18.02	-14.65 -1.53 48.52	8.20 -1.51 30.04	41.08 -0.76 0.00	48.62 0.79 0.00	49.24 0.96 0.00	52.78 1.29 0.00	42.43 1.01 0.00	41.52 0.77 0.00	36.17 0.33 0.00
AMERICAN_REF_FUEL 24010	34.64 -1.48 0.00	29.89 -1.13 0.00	25.16 -0.98 0.00	23.19 -1.02 0.00	22.70 -1.07 0.00	24.89 -1.01 0.00	38.28 -1.75 0.00	37.19 -2.08 0.00	28.32 -1.74 0.00	27.05 -1.50 0.00	29.53 -1.43 0.00	31.29 -1.55 0.00	33.34 -2.07 0.00	32.05 -2.07 0.00	30.85 -1.99 0.00	32.51 -2.89 0.00	36.58 -3.17 0.00	39.02 -2.82 0.00	44.36 -3.47 0.00	45.32 -2.96 0.00	48.70 -2.79 0.00	38.74 -2.69 0.00	38.57 -2.19 0.00	33.76 -2.08 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.17 -1.95 0.00	29.29 -1.73 0.00	24.57 -1.58 0.00	22.80 -1.41 0.00	22.42 -1.35 0.00	24.48 -1.42 0.00	37.83 -2.19 0.00	37.13 -2.14 0.00	28.53 -1.52 0.00	27.47 -1.07 0.00	30.30 -0.66 0.00	32.57 -0.27 0.00	35.02 -0.39 0.00	33.50 -0.62 0.00	32.37 -0.48 0.00	34.30 -1.10 0.00	38.69 -1.07 0.00	41.22 -0.62 0.00	46.67 -1.15 0.00	47.59 -0.69 0.00	50.86 -0.63 0.00	40.23 -1.20 0.00	40.06 -0.69 0.00	34.69 -1.15 0.00
ARTHUR KILL_GT_1 23520	37.82 1.70 0.00	32.39 1.38 0.00	27.17 1.03 0.00	25.15 0.94 0.00	24.72 0.95 0.00	27.02 1.12 0.00	41.73 1.71 0.00	41.30 2.03 0.00	32.48 1.74 -0.68	32.12 1.88 -1.70	33.06 2.09 0.00	35.20 2.36 0.00	38.12 2.67 -0.05	36.71 2.60 0.00	35.27 2.43 0.00	38.13 2.73 0.00	42.51 2.75 0.00	44.14 2.30 0.00	50.39 2.57 0.00	50.60 2.31 0.00	53.40 1.91 0.00	43.29 1.86 0.00	43.02 2.26 0.00	37.95 2.11 0.00
ARTHUR_KILL_2 23512	37.71 1.59 0.00	32.31 1.29 0.00	27.09 0.95 0.00	25.08 0.87 0.00	24.65 0.88 0.00	26.94 1.04 0.00	41.61 1.58 0.00	41.17 1.90 0.00	32.38 1.64 -0.68	32.04 1.79 -1.70	32.98 2.01 0.00	35.11 2.27 0.00	38.03 2.57 -0.05	36.62 2.50 0.00	35.19 2.34 0.00	38.02 2.62 0.00	42.37 2.62 0.00	43.97 2.13 0.00	50.21 2.39 0.00	50.42 2.13 0.00	53.20 1.71 0.00	43.14 1.72 0.00	42.87 2.12 0.00	37.83 1.98 0.00
ARTHUR_KILL_3 23513	37.59 1.47 0.00	32.18 1.16 0.00	26.96 0.81 0.00	24.96 0.75 0.00	24.53 0.76 0.00	26.79 0.90 0.00	41.56 1.54 0.00	41.01 1.75 0.00	32.28 1.54 -0.68	31.99 1.75 -1.70	32.94 1.98 0.00	35.01 2.18 0.00	37.89 2.43 -0.05	36.51 2.39 0.00	35.04 2.19 0.00	37.93 2.53 0.00	42.36 2.61 0.00	44.18 2.34 0.00	50.34 2.52 0.00	50.50 2.22 0.00	53.28 1.79 0.00	43.08 1.66 0.00	42.65 1.89 0.00	37.55 1.71 0.00

ARTHUR_KILL_COGEN 323718	37.82 1.70 0.00	32.39 1.38 0.00	27.17 1.03 0.00	25.15 0.94 0.00	24.72 0.95 0.00	27.02 1.12 0.00	41.73 1.71 0.00	41.30 2.03 0.00	32.48 1.74 -0.68	32.12 1.88 -1.70	33.06 2.09 0.00	35.21 2.37 0.00	38.12 2.66 -0.05	36.73 2.60 0.00	35.29 2.45 0.00	38.13 2.73 0.00	42.51 2.76 0.00	44.11 2.27 0.00	50.38 2.56 0.00	50.59 2.31 0.00	53.40 1.91 0.00	43.29 1.87 0.00	43.02 2.27 0.00	37.94 2.10 0.00
ASHOKAN____ 23654	37.17 1.05 0.00	31.88 0.86 0.00	26.87 0.73 0.00	24.92 0.71 0.00	24.49 0.72 0.00	26.71 0.81 0.00	41.29 1.27 0.00	40.81 1.54 0.00	31.21 1.15 0.00	29.48 0.93 0.00	31.95 0.99 0.00	33.79 0.95 0.00	36.58 1.18 0.00	35.25 1.13 0.00	33.96 1.12 0.00	36.77 1.37 0.00	41.49 1.73 0.00	43.62 1.77 0.00	50.05 2.22 0.00	50.34 2.06 0.00	53.29 1.79 0.00	42.86 1.43 0.00	42.10 1.35 0.00	37.03 1.19 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.57 1.45 0.00	32.17 1.15 0.00	26.95 0.81 0.00	24.95 0.74 0.00	24.52 0.75 0.00	26.82 0.92 0.00	41.54 1.52 0.00	41.17 1.90 0.00	32.40 1.66 -0.68	32.05 1.81 -1.70	32.98 2.02 0.00	35.08 2.24 0.00	37.92 2.46 -0.05	36.57 2.45 0.00	35.14 2.30 0.00	37.91 2.51 0.00	42.33 2.58 0.00	44.04 2.20 -0.01	50.20 2.37 -0.01	50.50 2.21 -0.01	53.32 1.82 -0.01	43.18 1.75 0.00	42.68 1.93 -0.01	37.54 1.69 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	37.56 1.44 0.00	32.16 1.14 0.00	26.94 0.80 0.00	24.93 0.72 0.00	24.49 0.73 0.00	26.77 0.88 0.00	41.47 1.45 0.00	41.08 1.81 0.00	32.32 1.59 -0.68	31.99 1.75 -1.70	32.91 1.95 0.00	35.00 2.16 0.00	37.83 2.37 -0.05	36.48 2.36 0.00	35.07 2.23 0.00	37.84 2.44 0.00	42.23 2.48 0.00	43.93 2.10 0.01	50.07 2.25 0.01	50.37 2.09 0.01	53.18 1.70 0.01	43.08 1.65 0.00	42.57 1.82 0.01	37.44 1.60 0.01
ASTORIA_GT2_1 24094	37.59 1.47 0.00	32.18 1.16 0.00	26.96 0.82 0.00	24.95 0.74 0.00	24.53 0.76 0.00	26.83 0.93 0.00	41.57 1.54 0.00	41.19 1.92 0.00	32.41 1.68 -0.68	32.08 1.84 -1.70	33.00 2.04 0.00	35.10 2.25 0.00	37.93 2.47 -0.05	36.57 2.45 0.00	35.14 2.29 0.00	37.95 2.54 0.00	42.35 2.60 0.00	44.08 2.24 -0.01	50.23 2.40 -0.01	50.53 2.24 -0.01	53.36 1.86 -0.01	43.19 1.77 0.00	42.71 1.95 -0.01	37.56 1.71 -0.01
ASTORIA_GT2_2 24095	37.59 1.47 0.00	32.18 1.16 0.00	26.96 0.82 0.00	24.95 0.74 0.00	24.53 0.76 0.00	26.83 0.93 0.00	41.57 1.54 0.00	41.19 1.92 0.00	32.41 1.68 -0.68	32.08 1.84 -1.70	33.00 2.04 0.00	35.10 2.25 0.00	37.93 2.47 -0.05	36.57 2.45 0.00	35.14 2.29 0.00	37.95 2.54 0.00	42.35 2.60 0.00	44.08 2.24 -0.01	50.23 2.40 -0.01	50.53 2.24 -0.01	53.36 1.86 -0.01	43.19 1.77 0.00	42.71 1.95 -0.01	37.56 1.71 -0.01
ASTORIA_GT2_3 24096	37.59 1.47 0.00	32.18 1.16 0.00	26.96 0.82 0.00	24.95 0.74 0.00	24.53 0.76 0.00	26.83 0.93 0.00	41.57 1.54 0.00	41.19 1.92 0.00	32.41 1.68 -0.68	32.08 1.84 -1.70	33.00 2.04 0.00	35.10 2.25 0.00	37.93 2.47 -0.05	36.57 2.45 0.00	35.14 2.29 0.00	37.95 2.54 0.00	42.35 2.60 0.00	44.08 2.24 -0.01	50.23 2.40 -0.01	50.53 2.24 -0.01	53.36 1.86 -0.01	43.19 1.77 0.00	42.71 1.95 -0.01	37.56 1.71 -0.01
ASTORIA_GT2_4 24097	37.59 1.47 0.00	32.18 1.16 0.00	26.96 0.82 0.00	24.95 0.74 0.00	24.53 0.76 0.00	26.83 0.93 0.00	41.57 1.54 0.00	41.19 1.92 0.00	32.41 1.68 -0.68	32.08 1.84 -1.70	33.00 2.04 0.00	35.10 2.25 0.00	37.93 2.47 -0.05	36.57 2.45 0.00	35.14 2.29 0.00	37.95 2.54 0.00	42.35 2.60 0.00	44.08 2.24 -0.01	50.23 2.40 -0.01	50.53 2.24 -0.01	53.36 1.86 -0.01	43.19 1.77 0.00	42.71 1.95 -0.01	37.56 1.71 -0.01
ASTORIA_GT3_1 24098	37.58 1.47 0.00	32.18 1.16 0.00	26.95 0.81 0.00	24.94 0.73 0.00	24.51 0.74 0.00	26.79 0.90 0.00	41.50 1.48 0.00	41.10 1.84 0.00	32.35 1.62 -0.68	32.00 1.76 -1.70	32.92 1.96 0.00	35.02 2.18 0.00	37.84 2.39 -0.05	36.48 2.37 0.00	35.05 2.21 0.00	37.85 2.45 0.00	42.25 2.50 0.00	43.98 2.14 0.01	50.10 2.29 0.01	50.40 2.13 0.01	53.21 1.73 0.01	43.10 1.68 0.00	42.60 1.86 0.01	37.46 1.63 0.01
ASTORIA_GT3_2 24099	37.58 1.47 0.00	32.18 1.16 0.00	26.95 0.81 0.00	24.94 0.73 0.00	24.51 0.74 0.00	26.79 0.90 0.00	41.50 1.48 0.00	41.10 1.84 0.00	32.35 1.62 -0.68	32.00 1.76 -1.70	32.92 1.96 0.00	35.02 2.18 0.00	37.84 2.39 -0.05	36.48 2.37 0.00	35.05 2.21 0.00	37.85 2.45 0.00	42.25 2.50 0.00	43.98 2.14 0.01	50.10 2.29 0.01	50.40 2.13 0.01	53.21 1.73 0.01	43.10 1.68 0.00	42.60 1.86 0.01	37.46 1.63 0.01
ASTORIA_GT3_3 24100	37.58 1.47 0.00	32.18 1.16 0.00	26.95 0.81 0.00	24.94 0.73 0.00	24.51 0.74 0.00	26.79 0.90 0.00	41.50 1.48 0.00	41.10 1.84 0.00	32.35 1.62 -0.68	32.00 1.76 -1.70	32.92 1.96 0.00	35.02 2.18 0.00	37.84 2.39 -0.05	36.48 2.37 0.00	35.05 2.21 0.00	37.85 2.45 0.00	42.25 2.50 0.00	43.98 2.14 0.01	50.10 2.29 0.01	50.40 2.13 0.01	53.21 1.73 0.01	43.10 1.68 0.00	42.60 1.86 0.01	37.46 1.63 0.01
ASTORIA_GT3_4 24101	37.58 1.47 0.00	32.18 1.16 0.00	26.95 0.81 0.00	24.94 0.73 0.00	24.51 0.74 0.00	26.79 0.90 0.00	41.50 1.48 0.00	41.10 1.84 0.00	32.35 1.62 -0.68	32.00 1.76 -1.70	32.92 1.96 0.00	35.02 2.18 0.00	37.84 2.39 -0.05	36.48 2.37 0.00	35.05 2.21 0.00	37.85 2.45 0.00	42.25 2.50 0.00	43.98 2.14 0.01	50.10 2.29 0.01	50.40 2.13 0.01	53.21 1.73 0.01	43.10 1.68 0.00	42.60 1.86 0.01	37.46 1.63 0.01
ASTORIA_GT4_1 24102	37.58 1.47 0.00	32.18 1.16 0.00	26.95 0.81 0.00	24.94 0.73 0.00	24.51 0.74 0.00	26.79 0.90 0.00	41.50 1.48 0.00	41.10 1.84 0.00	32.35 1.62 -0.68	32.00 1.76 -1.70	32.92 1.96 0.00	35.02 2.18 0.00	37.84 2.39 -0.05	36.48 2.37 0.00	35.05 2.21 0.00	37.85 2.45 0.00	42.25 2.50 0.00	43.98 2.14 0.01	50.10 2.29 0.01	50.40 2.13 0.01	53.21 1.73 0.01	43.10 1.68 0.00	42.60 1.86 0.01	37.46 1.63 0.01
ASTORIA_GT4_2 24103	37.58 1.47 0.00	32.18 1.16 0.00	26.95 0.81 0.00	24.94 0.73 0.00	24.51 0.74 0.00	26.79 0.90 0.00	41.50 1.48 0.00	41.10 1.84 0.00	32.35 1.62 -0.68	32.00 1.76 -1.70	32.92 1.96 0.00	35.02 2.18 0.00	37.84 2.39 -0.05	36.48 2.37 0.00	35.05 2.21 0.00	37.85 2.45 0.00	42.25 2.50 0.00	43.98 2.14 0.01	50.10 2.29 0.01	50.40 2.13 0.01	53.21 1.73 0.01	43.10 1.68 0.00	42.60 1.86 0.01	37.46 1.63 0.01
ASTORIA_GT4_3 24104	37.58 1.47 0.00	32.18 1.16 0.00	26.95 0.81 0.00	24.94 0.73 0.00	24.51 0.74 0.00	26.79 0.90 0.00	41.50 1.48 0.00	41.10 1.84 0.00	32.35 1.62 -0.68	32.00 1.76 -1.70	32.92 1.96 0.00	35.02 2.18 0.00	37.84 2.39 -0.05	36.48 2.37 0.00	35.05 2.21 0.00	37.85 2.45 0.00	42.25 2.50 0.00	43.98 2.14 0.01	50.10 2.29 0.01	50.40 2.13 0.01	53.21 1.73 0.01	43.10 1.68 0.00	42.60 1.86 0.01	37.46 1.63 0.01

ASTORIA_GT4_4 24105	37.58 1.47 0.00	32.18 1.16 0.00	26.95 0.81 0.00	24.94 0.73 0.00	24.51 0.74 0.00	26.79 0.90 0.00	41.50 1.48 0.00	41.10 1.84 0.00	32.35 1.62 -0.68	32.00 1.76 -1.70	32.92 1.96 0.00	35.02 2.18 0.00	37.84 2.39 -0.05	36.48 2.37 0.00	35.05 2.21 0.00	37.85 2.45 0.00	42.25 2.50 0.00	43.98 2.14 0.01	50.10 2.29 0.01	50.40 2.13 0.01	53.21 1.73 0.01	43.10 1.68 0.00	42.60 1.86 0.01	37.46 1.63 0.01
ASTORIA_GT_1 23523	37.65 1.54 0.00	32.23 1.21 0.00	27.00 0.86 0.00	25.00 0.79 0.00	24.55 0.79 0.00	26.85 0.96 0.00	41.61 1.59 0.00	41.23 1.96 0.00	32.45 1.71 -0.68	32.11 1.87 -1.70	33.04 2.07 0.00	35.13 2.30 0.00	37.98 2.52 -0.05	36.62 2.50 0.00	35.18 2.34 0.00	37.99 2.58 0.00	42.41 2.66 0.00	44.14 2.29 0.00	50.29 2.46 0.00	50.59 2.30 0.00	53.41 1.92 0.00	43.24 1.82 0.00	42.75 1.99 0.00	37.59 1.74 0.00
ASTORIA_GT_10 24110	37.69 1.57 0.00	32.26 1.24 0.00	27.05 0.91 0.00	25.04 0.82 0.00	24.61 0.85 0.00	26.89 1.00 0.00	41.71 1.68 0.00	41.25 1.98 0.00	32.45 1.72 -0.68	32.13 1.89 -1.70	33.08 2.12 0.00	35.20 2.36 0.00	38.12 2.67 -0.05	36.70 2.58 0.00	35.21 2.37 0.00	38.06 2.65 0.00	42.47 2.72 0.00	44.26 2.42 0.00	50.46 2.64 0.00	50.73 2.44 0.00	53.54 2.05 0.00	43.33 1.91 0.00	42.80 2.05 0.00	37.63 1.79 0.00
ASTORIA_GT_11 24225	37.69 1.57 0.00	32.26 1.24 0.00	27.05 0.91 0.00	25.04 0.82 0.00	24.61 0.85 0.00	26.89 1.00 0.00	41.71 1.68 0.00	41.25 1.98 0.00	32.45 1.72 -0.68	32.13 1.89 -1.70	33.08 2.12 0.00	35.20 2.36 0.00	38.12 2.67 -0.05	36.70 2.58 0.00	35.21 2.37 0.00	38.06 2.65 0.00	42.47 2.72 0.00	44.26 2.42 0.00	50.46 2.64 0.00	50.73 2.44 0.00	53.54 2.05 0.00	43.33 1.91 0.00	42.80 2.05 0.00	37.63 1.79 0.00
ASTORIA_GT_12 24226	37.69 1.57 0.00	32.26 1.24 0.00	27.05 0.91 0.00	25.04 0.82 0.00	24.61 0.85 0.00	26.89 1.00 0.00	41.71 1.68 0.00	41.25 1.98 0.00	32.45 1.72 -0.68	32.13 1.89 -1.70	33.08 2.12 0.00	35.20 2.36 0.00	38.12 2.67 -0.05	36.70 2.58 0.00	35.21 2.37 0.00	38.06 2.65 0.00	42.47 2.72 0.00	44.26 2.42 0.00	50.46 2.64 0.00	50.73 2.44 0.00	53.54 2.05 0.00	43.33 1.91 0.00	42.80 2.05 0.00	37.63 1.79 0.00
ASTORIA_GT_13 24227	37.69 1.57 0.00	32.26 1.24 0.00	27.05 0.91 0.00	25.04 0.82 0.00	24.61 0.85 0.00	26.89 1.00 0.00	41.71 1.68 0.00	41.25 1.98 0.00	32.45 1.72 -0.68	32.13 1.89 -1.70	33.08 2.12 0.00	35.20 2.36 0.00	38.12 2.67 -0.05	36.70 2.58 0.00	35.21 2.37 0.00	38.06 2.65 0.00	42.47 2.72 0.00	44.26 2.42 0.00	50.46 2.64 0.00	50.73 2.44 0.00	53.54 2.05 0.00	43.33 1.91 0.00	42.80 2.05 0.00	37.63 1.79 0.00
ASTORIA_GT_5 24106	37.65 1.54 0.00	32.23 1.21 0.00	27.00 0.86 0.00	25.00 0.79 0.00	24.55 0.79 0.00	26.85 0.96 0.00	41.61 1.59 0.00	41.23 1.96 0.00	32.45 1.71 -0.68	32.11 1.87 -1.70	33.04 2.07 0.00	35.13 2.30 0.00	37.98 2.52 -0.05	36.62 2.50 0.00	35.18 2.34 0.00	37.99 2.58 0.00	42.41 2.66 0.00	44.14 2.29 0.00	50.29 2.46 0.00	50.59 2.30 0.00	53.41 1.92 0.00	43.24 1.82 0.00	42.75 1.99 0.00	37.59 1.74 0.00
ASTORIA_GT_7 24107	37.65 1.54 0.00	32.23 1.21 0.00	27.00 0.86 0.00	25.00 0.79 0.00	24.55 0.79 0.00	26.85 0.96 0.00	41.61 1.59 0.00	41.23 1.96 0.00	32.45 1.71 -0.68	32.11 1.87 -1.70	33.04 2.07 0.00	35.13 2.30 0.00	37.98 2.52 -0.05	36.62 2.50 0.00	35.18 2.34 0.00	37.99 2.58 0.00	42.41 2.66 0.00	44.14 2.29 0.00	50.29 2.46 0.00	50.59 2.30 0.00	53.41 1.92 0.00	43.24 1.82 0.00	42.75 1.99 0.00	37.59 1.74 0.00
ASTORIA_GT_8 24108	37.65 1.54 0.00	32.23 1.21 0.00	27.00 0.86 0.00	25.00 0.79 0.00	24.55 0.79 0.00	26.85 0.96 0.00	41.61 1.59 0.00	41.23 1.96 0.00	32.45 1.71 -0.68	32.11 1.87 -1.70	33.04 2.07 0.00	35.13 2.30 0.00	37.98 2.52 -0.05	36.62 2.50 0.00	35.18 2.34 0.00	37.99 2.58 0.00	42.41 2.66 0.00	44.14 2.29 0.00	50.29 2.46 0.00	50.59 2.30 0.00	53.41 1.92 0.00	43.24 1.82 0.00	42.75 1.99 0.00	37.59 1.74 0.00
ASTORIA___2 24149	37.58 1.46 0.00	32.17 1.16 0.00	26.95 0.81 0.00	24.94 0.74 0.00	24.51 0.74 0.00	26.79 0.90 0.00	41.50 1.48 0.00	41.10 1.83 0.00	32.35 1.61 -0.68	32.00 1.76 -1.70	32.92 1.96 0.00	35.02 2.18 0.00	37.85 2.39 -0.05	36.51 2.39 0.00	35.08 2.24 0.00	37.85 2.45 0.00	42.26 2.50 0.00	43.95 2.12 0.01	50.10 2.28 0.01	50.39 2.12 0.01	53.21 1.73 0.01	43.10 1.68 0.00	42.60 1.85 0.01	37.46 1.63 0.01
ASTORIA___3 23516	37.69 1.57 0.00	32.26 1.24 0.00	27.06 0.91 0.00	25.03 0.82 0.00	24.62 0.85 0.00	26.89 1.00 0.00	41.70 1.68 0.00	41.25 1.98 0.00	32.45 1.71 -0.68	32.13 1.89 -1.70	33.08 2.12 0.00	35.20 2.36 0.00	38.13 2.68 -0.05	36.71 2.59 0.00	35.23 2.38 0.00	38.06 2.65 0.00	42.47 2.72 0.00	44.24 2.40 0.00	50.46 2.63 0.00	50.72 2.44 0.00	53.53 2.04 0.00	43.33 1.91 0.00	42.80 2.05 0.00	37.63 1.79 0.00
ASTORIA___4 23517	37.69 1.57 0.00	32.26 1.24 0.00	27.05 0.91 0.00	25.04 0.82 0.00	24.61 0.85 0.00	26.89 1.00 0.00	41.71 1.68 0.00	41.25 1.98 0.00	32.45 1.72 -0.68	32.13 1.89 -1.70	33.08 2.12 0.00	35.20 2.36 0.00	38.12 2.67 -0.05	36.70 2.58 0.00	35.21 2.37 0.00	38.06 2.65 0.00	42.47 2.72 0.00	44.26 2.42 0.00	50.46 2.64 0.00	50.73 2.44 0.00	53.53 2.04 0.00	43.33 1.91 0.00	42.80 2.05 0.00	37.63 1.79 0.00
ASTORIA___5 23518	37.69 1.57 0.00	32.26 1.24 0.00	27.06 0.91 0.00	25.04 0.83 0.00	24.62 0.85 0.00	26.89 1.00 0.00	41.70 1.68 0.00	41.25 1.98 0.00	32.45 1.71 -0.68	32.13 1.89 -1.70	33.08 2.12 0.00	35.20 2.36 0.00	38.13 2.68 -0.05	36.71 2.59 0.00	35.23 2.38 0.00	38.06 2.65 0.00	42.48 2.73 0.00	44.25 2.41 0.00	50.46 2.63 0.00	50.72 2.44 0.00	53.53 2.04 0.00	43.33 1.91 0.00	42.80 2.05 0.00	37.63 1.79 0.00
AST_ENERGY_2_CC3 323677	37.58 1.46 0.00	32.17 1.16 0.00	26.94 0.80 0.00	24.91 0.69 0.00	24.40 0.63 0.00	26.62 0.72 0.00	39.95 1.19 1.27	25.29 1.42 15.40	25.29 1.30 6.06	25.40 1.47 4.61	26.64 1.63 5.96	26.64 1.83 8.03	26.64 2.03 10.79	26.64 2.04 9.51	26.64 1.90 8.10	26.64 2.09 10.86	28.34 2.10 13.52	27.91 1.69 15.62	35.28 1.80 14.34	34.90 1.62 15.00	30.83 1.19 21.85	26.64 1.25 16.04	26.64 1.43 15.54	26.64 1.25 10.46
AST_ENERGY_2_CC4 323678	37.58 1.46 0.00	32.17 1.16 0.00	26.94 0.80 0.00	24.91 0.69 0.00	24.40 0.63 0.00	26.62 0.72 0.00	39.95 1.19 1.27	25.29 1.42 15.40	25.29 1.30 6.06	25.40 1.47 4.61	26.64 1.63 5.96	26.64 1.83 8.03	26.64 2.03 10.79	26.64 2.04 9.51	26.64 1.90 8.10	26.64 2.09 10.86	28.34 2.10 13.52	27.91 1.69 15.62	35.28 1.80 14.34	34.90 1.62 15.00	30.83 1.19 21.85	26.64 1.25 16.04	26.64 1.43 15.54	26.64 1.25 10.46

BRENTWOD_69_KV_W. BRTWOOD 56703	38.30 2.19 0.00	32.68 1.66 0.00	32.03 1.21 -4.68	26.54 1.15 -1.19	28.60 1.23 -3.61	31.22 1.37 -3.95	43.16 2.33 -0.81	42.04 2.77 0.00	32.93 2.20 -0.68	33.66 2.26 -2.86	42.71 2.57 -9.18	36.27 2.67 -0.76	38.20 2.75 -0.05	41.99 2.56 -5.32	41.10 2.31 -5.95	43.61 2.61 -5.60	62.93 2.72 -20.45	60.53 2.62 -16.07	65.29 2.97 -14.49	63.88 2.81 -12.78	57.31 2.52 -3.29	49.20 2.31 -5.48	48.09 2.57 -4.77	42.81 2.33 -4.65
BRISTLHL_115KV_TB1 79998	35.46 -0.66 0.00	30.44 -0.58 0.00	25.66 -0.48 0.00	23.78 -0.43 0.00	23.36 -0.41 0.00	25.47 -0.43 0.00	39.30 -0.72 0.00	38.47 -0.80 0.00	29.48 -0.58 0.00	27.98 -0.57 0.00	30.33 -0.63 0.00	32.18 -0.66 0.00	34.72 -0.68 0.00	33.57 -0.54 0.00	32.35 -0.49 0.00	34.76 -0.63 0.00	39.03 -0.73 0.00	41.08 -0.76 0.00	46.89 -0.93 0.00	47.51 -0.88 -0.10	50.65 -1.02 -0.17	40.55 -0.88 0.00	39.89 -0.86 0.00	35.07 -0.77 0.00
BROOKHAVEN___DRP 24191	37.80 1.69 0.00	32.24 1.22 0.00	31.27 0.85 -4.28	26.04 0.84 -0.99	27.71 0.92 -3.02	30.25 1.05 -3.30	42.51 1.81 -0.67	41.54 2.27 0.00	32.53 1.79 -0.68	33.25 1.88 -2.83	42.12 2.17 -8.99	35.65 2.18 -0.64	37.56 2.10 -0.05	40.83 1.97 -4.74	39.61 1.81 -4.95	42.30 2.23 -4.67	59.94 2.35 -17.85	57.83 2.32 -13.67	62.57 2.67 -12.07	61.46 2.52 -10.65	56.17 2.14 -2.54	48.00 1.98 -4.60	47.11 2.06 -4.29	41.76 1.79 -4.13
BROOKLYN_NAVY_YARD 23515	37.61 1.50 0.01	32.20 1.19 0.01	17.05 0.84 9.93	24.99 0.79 0.00	24.56 0.79 0.00	26.82 0.92 0.00	41.65 1.63 0.00	41.09 1.82 0.00	32.34 1.60 -0.68	32.04 1.80 -1.70	32.98 2.01 0.00	35.05 2.22 0.00	37.93 2.48 -0.05	36.54 2.43 0.00	35.07 2.22 0.00	37.95 2.55 0.00	42.39 2.64 0.00	44.23 2.39 0.00	50.41 2.59 0.00	50.60 2.32 0.00	53.42 1.93 0.00	43.15 1.73 0.00	42.72 1.97 0.00	37.59 1.74 0.00
BROOKLYN___ARMY_DRP 323595	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.13 2.68 -0.05	36.73 2.62 0.00	35.27 2.42 0.00	38.14 2.74 0.00	42.56 2.80 0.00	44.28 2.44 0.00	50.44 2.62 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.32 1.90 0.00	42.93 2.18 0.00	37.79 1.94 0.00
BROOME_2_LFGE 323671	35.89 -0.23 0.00	30.79 -0.23 0.00	25.94 -0.21 0.00	24.08 -0.13 0.00	23.65 -0.12 0.00	25.81 -0.09 0.00	39.91 -0.12 0.00	39.15 -0.12 0.00	30.00 -0.06 0.00	28.56 0.01 0.00	31.00 0.04 0.00	32.84 0.00 0.00	35.49 0.08 0.00	34.19 0.07 0.00	32.88 0.03 0.00	35.30 -0.10 0.00	39.70 -0.06 0.00	41.88 0.04 0.00	47.76 -0.06 0.00	48.48 0.18 -0.02	51.61 0.08 -0.04	41.31 -0.11 0.00	40.80 0.05 0.00	35.74 -0.10 0.00
BROOME___LFGE 323600	35.89 -0.23 0.00	30.79 -0.23 0.00	25.94 -0.21 0.00	24.08 -0.13 0.00	23.65 -0.12 0.00	25.81 -0.09 0.00	39.91 -0.12 0.00	39.15 -0.12 0.00	30.00 -0.06 0.00	28.56 0.01 0.00	31.00 0.04 0.00	32.84 0.00 0.00	35.49 0.08 0.00	34.19 0.07 0.00	32.88 0.03 0.00	35.30 -0.10 0.00	39.70 -0.06 0.00	41.88 0.04 0.00	47.76 -0.06 0.00	48.48 0.18 -0.02	51.61 0.08 -0.04	41.31 -0.11 0.00	40.80 0.05 0.00	35.74 -0.10 0.00
BROWNFLS_115KV_TB_3_5 80003	36.31 0.20 0.00	31.10 0.08 0.00	26.25 0.10 0.00	24.27 0.06 0.00	23.79 0.02 0.00	26.10 0.20 0.00	40.58 0.56 0.00	39.78 0.51 0.00	30.25 0.19 0.00	28.57 0.02 0.00	30.67 -0.30 0.00	32.34 -0.50 0.00	34.79 -0.62 0.00	33.45 -0.67 0.00	34.58 -0.04 -1.78	40.34 0.16 -4.78	43.71 1.00 -2.96	42.94 1.10 0.00	49.34 1.52 0.00	50.22 1.92 -0.01	54.08 2.57 -0.02	43.25 1.83 0.00	42.16 1.41 0.00	36.75 0.91 0.00
BROWNSV1_27_KV_LOAD 356125	38.08 1.96 0.00	32.59 1.57 0.00	27.30 1.15 0.00	25.26 1.05 0.00	24.83 1.06 0.00	27.12 1.23 0.00	42.12 2.10 0.00	41.59 2.32 0.00	32.72 1.98 -0.68	32.41 2.17 -1.70	33.39 2.43 0.00	35.50 2.66 0.00	38.41 2.96 -0.05	37.01 2.89 0.00	35.51 2.67 0.00	38.45 3.05 0.00	42.97 3.22 0.00	44.85 3.01 0.00	51.10 3.28 0.00	51.31 3.02 0.00	54.16 2.67 0.00	43.74 2.31 0.00	43.29 2.54 0.00	38.07 2.23 0.00
BURROWS___LYONSDAL 23803	36.24 0.13 0.00	31.05 0.03 0.00	26.18 0.03 0.00	24.26 0.05 0.00	23.79 0.02 0.00	26.08 0.18 0.00	40.48 0.45 0.00	39.67 0.41 0.00	30.25 0.19 0.00	28.59 0.04 0.00	30.72 -0.25 0.00	32.42 -0.42 0.00	34.91 -0.50 0.00	33.71 -0.40 0.00	33.55 0.20 -0.50	37.24 0.50 -1.34	41.89 1.31 -0.83	43.05 1.21 0.00	49.52 1.70 0.00	50.32 2.03 -0.01	53.94 2.43 -0.02	43.16 1.73 0.00	42.15 1.40 0.00	36.79 0.95 0.00
CAITHNESS_CC_1 323624	37.80 1.69 0.00	32.25 1.23 0.00	31.28 0.86 -4.27	26.04 0.84 -0.99	27.71 0.94 -3.00	30.24 1.05 -3.29	42.51 1.81 -0.67	41.54 2.27 0.00	32.54 1.80 -0.68	33.26 1.88 -2.83	42.12 2.18 -8.98	35.67 2.20 -0.64	37.61 2.15 -0.05	40.87 2.02 -4.73	39.61 1.83 -4.93	42.28 2.23 -4.64	59.88 2.34 -17.79	57.73 2.28 -13.62	62.47 2.62 -12.02	61.35 2.47 -10.60	56.13 2.12 -2.52	47.95 1.94 -4.58	47.10 2.07 -4.28	41.76 1.80 -4.11
CALPINE BETH_PAGE_GT4 24209	38.20 2.07 -0.01	32.60 1.58 0.00	36.97 1.15 -9.68	29.01 1.07 -3.73	36.26 1.16 -11.34	39.58 1.29 -12.40	44.72 2.17 -2.53	41.79 2.52 0.00	32.78 2.05 -0.68	33.96 2.15 -3.27	45.12 2.39 -11.77	37.73 2.49 -2.40	38.15 2.68 -0.06	48.32 2.56 -11.64	51.26 2.26 -16.16	53.14 2.54 -15.20	89.93 2.71 -47.46	85.14 2.56 -40.73	90.04 2.89 -39.32	85.62 2.66 -34.68	64.88 2.38 -11.01	59.11 2.29 -15.40	54.25 2.48 -11.02	49.43 2.16 -11.42
CALPINE_BETH_PAGE_GT_4 323586	38.18 2.05 -0.01	32.60 1.58 0.00	36.97 1.14 -9.68	29.00 1.07 -3.73	36.27 1.16 -11.34	39.58 1.29 -12.40	44.72 2.17 -2.53	41.80 2.53 0.00	32.78 2.05 -0.68	33.96 2.15 -3.27	45.12 2.39 -11.77	37.73 2.49 -2.40	38.14 2.68 -0.06	48.33 2.57 -11.64	51.25 2.25 -16.16	53.15 2.55 -15.20	89.93 2.71 -47.46	85.13 2.56 -40.73	90.04 2.89 -39.32	85.62 2.66 -34.68	64.88 2.38 -11.01	59.10 2.28 -15.40	54.25 2.48 -11.02	49.43 2.16 -11.42
CALPINE_BP_GT1 23823	38.18 2.05 -0.01	32.60 1.58 0.00	36.97 1.14 -9.68	29.00 1.07 -3.73	36.27 1.16 -11.34	39.58 1.29 -12.40	44.72 2.17 -2.53	41.80 2.53 0.00	32.78 2.05 -0.68	33.96 2.15 -3.27	45.12 2.39 -11.77	37.73 2.49 -2.40	38.14 2.68 -0.06	48.33 2.57 -11.64	51.25 2.25 -16.16	53.15 2.55 -15.20	89.93 2.71 -47.46	85.13 2.56 -40.73	90.04 2.89 -39.32	85.62 2.66 -34.68	64.88 2.38 -11.01	59.10 2.28 -15.40	54.25 2.48 -11.02	49.43 2.16 -11.42
CALSPAN___DRP 24200	35.06 -1.05 0.00	30.19 -0.83 0.00	25.39 -0.75 0.00	23.44 -0.77 0.00	22.97 -0.80 0.00	25.21 -0.69 0.00	38.87 -1.15 0.00	37.95 -1.32 0.00	28.95 -1.10 0.00	27.69 -0.86 0.00	30.28 -0.68 0.00	32.14 -0.70 0.00	34.40 -1.01 0.00	33.01 -1.11 0.00	31.74 -1.10 0.00	33.54 -1.86 0.00	37.81 -1.94 0.00	40.24 -1.60 0.00	45.79 -2.03 0.00	46.78 -1.50 0.00	50.23 -1.26 0.00	39.88 -1.54 0.00	39.65 -1.10 0.00	34.52 -1.32 0.00

CALVERTON___SOLAR 323806	37.82 1.71 0.00	32.26 1.24 0.00	31.30 0.87 -4.28	26.06 0.85 -0.99	27.75 0.96 -3.02	30.28 1.07 -3.31	42.56 1.86 -0.67	41.58 2.32 0.00	32.57 1.83 -0.68	33.28 1.91 -2.83	42.17 2.21 -8.99	35.68 2.21 -0.64	37.56 2.10 -0.05	40.85 1.99 -4.74	39.62 1.82 -4.96	42.36 2.28 -4.67	60.04 2.43 -17.87	57.94 2.41 -13.69	62.69 2.78 -12.09	61.59 2.65 -10.67	56.28 2.25 -2.54	48.04 2.02 -4.61	47.18 2.13 -4.30	41.79 1.82 -4.13
CANDIGU_WT_PWR 323617	34.46 -1.66 0.00	29.59 -1.43 0.00	24.83 -1.31 0.00	23.09 -1.12 0.00	22.72 -1.05 0.00	24.93 -0.97 0.00	38.50 -1.53 0.00	37.59 -1.68 0.00	28.54 -1.51 0.00	27.21 -1.34 0.00	29.83 -1.13 0.00	31.56 -1.28 0.00	34.34 -1.06 0.00	32.92 -1.20 0.00	31.35 -1.49 0.00	33.56 -1.85 0.00	38.19 -1.56 0.00	40.88 -0.96 0.00	46.62 -1.20 0.00	47.82 -0.48 -0.01	51.11 -0.40 -0.02	40.71 -0.72 0.00	40.35 -0.40 0.00	35.12 -0.72 0.00
CARR STREET_E_SYR 24060	35.66 -0.46 0.00	30.60 -0.42 0.00	25.80 -0.34 0.00	23.92 -0.29 0.00	23.48 -0.29 0.00	25.62 -0.28 0.00	39.55 -0.47 0.00	38.72 -0.55 0.00	29.66 -0.39 0.00	28.18 -0.36 0.00	30.59 -0.37 0.00	32.46 -0.38 0.00	35.05 -0.35 0.00	33.88 -0.24 0.00	32.63 -0.21 0.00	35.02 -0.38 0.00	39.25 -0.50 0.00	41.33 -0.51 0.00	47.18 -0.65 0.00	47.71 -0.60 -0.03	50.79 -0.75 -0.05	40.74 -0.69 0.00	40.18 -0.57 0.00	35.30 -0.54 0.00
CARTHAGE___PAPER 23857	36.34 0.23 0.00	31.08 0.06 0.00	26.18 0.03 0.00	24.24 0.03 0.00	23.78 0.01 0.00	26.15 0.25 0.00	40.74 0.72 0.00	39.91 0.64 0.00	30.38 0.32 0.00	28.65 0.10 0.00	30.46 -0.51 0.00	31.96 -0.88 0.00	34.53 -0.87 0.00	33.09 -1.02 0.00	33.84 0.18 -0.81	38.05 0.47 -2.18	42.87 1.77 -1.35	43.76 1.92 0.00	50.24 2.42 0.00	51.30 2.99 -0.03	55.38 3.85 -0.05	44.12 2.70 0.00	42.80 2.05 0.00	37.20 1.36 0.00
CASSADAGA_WT_PWR 323784	34.11 -2.00 0.00	29.22 -1.80 0.00	24.49 -1.66 0.00	22.71 -1.50 0.00	22.44 -1.33 0.00	24.48 -1.41 0.00	37.94 -2.09 0.00	37.40 -1.87 0.00	28.82 -1.23 0.00	27.74 -0.81 0.00	30.66 -0.30 0.00	32.94 0.10 0.00	35.40 -0.01 0.00	33.87 -0.25 0.00	32.71 -0.13 0.00	34.66 -0.74 0.00	39.12 -0.63 0.00	41.67 -0.17 0.00	47.08 -0.74 0.00	47.98 -0.30 0.00	51.27 -0.23 0.00	40.55 -0.87 0.00	40.36 -0.39 0.00	34.91 -0.93 0.00
CE_DUNWOOD___DRP 24194	37.54 1.42 0.00	32.16 1.14 0.00	26.97 0.83 0.00	24.98 0.77 0.00	24.55 0.78 0.00	26.80 0.90 0.00	41.56 1.54 0.00	41.01 1.74 0.00	32.24 1.48 -0.70	31.92 1.62 -1.76	32.77 1.81 0.00	34.81 1.98 0.00	37.67 2.21 -0.05	36.30 2.18 0.00	34.84 2.00 0.00	37.73 2.33 0.00	42.19 2.44 0.00	44.11 2.27 0.00	50.33 2.51 0.00	50.52 2.24 0.00	53.38 1.88 0.00	43.10 1.68 0.00	42.62 1.87 0.00	37.51 1.66 0.00
CE_MILLWOOD___DRP 24193	37.47 1.35 0.00	32.10 1.08 0.00	26.93 0.78 0.00	24.94 0.73 0.00	24.52 0.75 0.00	26.76 0.86 0.00	41.48 1.46 0.00	40.92 1.65 0.00	32.18 1.41 -0.71	31.86 1.53 -1.78	32.68 1.72 0.00	34.72 1.88 0.00	37.56 2.11 -0.05	36.19 2.08 0.00	34.75 1.90 0.00	37.63 2.23 0.00	42.07 2.32 0.00	44.00 2.16 0.00	50.21 2.39 0.00	50.41 2.13 0.00	53.27 1.78 0.00	43.01 1.59 0.00	42.52 1.77 0.00	37.43 1.59 0.00
CE_NYC2_DRP 24202	37.73 1.61 0.00	32.30 1.28 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.64 0.87 0.00	26.92 1.03 0.00	41.75 1.72 0.00	41.29 2.02 0.00	32.49 1.75 -0.68	32.18 1.93 -1.70	33.12 2.16 0.00	35.25 2.41 0.00	38.17 2.72 -0.05	36.75 2.63 0.00	35.25 2.41 0.00	38.11 2.71 0.00	42.54 2.78 0.00	44.33 2.49 0.00	50.53 2.71 0.00	50.78 2.50 0.00	53.59 2.10 0.00	43.36 1.94 0.00	42.86 2.11 0.00	37.70 1.85 0.00
CE_NYC_DRP 24195	37.79 1.67 0.00	32.35 1.33 0.00	27.09 0.95 0.00	25.08 0.87 0.00	24.65 0.88 0.00	26.92 1.03 0.00	41.80 1.77 0.00	41.25 1.98 0.00	32.45 1.71 -0.68	32.16 1.92 -1.70	33.11 2.15 0.00	35.18 2.34 0.00	38.07 2.61 -0.05	36.68 2.56 0.00	35.21 2.37 0.00	38.11 2.71 0.00	42.59 2.84 0.00	44.45 2.61 0.00	50.65 2.82 0.00	50.84 2.56 0.00	53.66 2.17 0.00	43.34 1.92 0.00	42.91 2.16 0.00	37.75 1.91 0.00
CHAFFEE___LFGE 323603	35.08 -1.04 0.00	30.21 -0.81 0.00	25.40 -0.74 0.00	23.45 -0.76 0.00	22.99 -0.78 0.00	25.23 -0.67 0.00	38.92 -1.10 0.00	38.03 -1.24 0.00	29.03 -1.03 0.00	27.76 -0.79 0.00	30.36 -0.60 0.00	32.20 -0.64 0.00	34.45 -0.96 0.00	33.06 -1.06 0.00	31.78 -1.07 0.00	33.60 -1.80 0.00	37.91 -1.84 0.00	40.35 -1.49 0.00	45.88 -1.94 0.00	46.89 -1.40 0.00	50.32 -1.17 0.00	39.94 -1.48 0.00	39.72 -1.03 0.00	34.55 -1.29 0.00
CHATEAUG_35_KV_LOAD 355732	36.41 0.29 0.00	30.93 -0.08 0.00	25.97 -0.17 0.00	23.84 -0.37 0.00	23.24 -0.53 0.00	25.28 -0.62 0.00	39.25 -0.77 0.00	38.84 -0.43 0.00	29.76 -0.30 0.00	28.27 -0.27 0.00	30.76 -0.20 0.00	32.43 -0.41 0.00	34.67 -0.73 0.00	32.97 -1.15 0.00	11.88 -1.17 19.79	-19.10 -1.23 53.27	5.72 -1.05 32.99	41.44 -0.40 0.00	48.41 0.59 0.00	49.04 0.76 0.00	52.67 1.18 0.00	42.28 0.86 0.00	41.35 0.60 0.00	36.12 0.28 0.00
CHATEAUG_WT_PWR 323614	36.35 0.23 0.00	30.89 -0.13 0.00	25.93 -0.21 0.00	23.80 -0.41 0.00	23.20 -0.57 0.00	25.25 -0.65 0.00	39.14 -0.88 0.00	38.75 -0.52 0.00	29.75 -0.31 0.00	28.27 -0.27 0.00	30.77 -0.19 0.00	32.44 -0.40 0.00	34.70 -0.71 0.00	32.95 -1.17 0.00	14.08 -1.20 17.57	-13.15 -1.25 47.30	9.38 -1.09 29.29	41.30 -0.54 0.00	48.31 0.48 0.00	48.89 0.61 0.00	52.46 0.97 0.00	42.14 0.72 0.00	41.26 0.51 0.00	36.04 0.19 0.00
CHAT_HIGH_FALL_HYD 323578	36.41 0.29 0.00	30.93 -0.08 0.00	25.97 -0.17 0.00	23.84 -0.37 0.00	23.24 -0.53 0.00	25.28 -0.62 0.00	39.25 -0.77 0.00	38.84 -0.43 0.00	29.76 -0.30 0.00	28.27 -0.27 0.00	30.76 -0.20 0.00	32.43 -0.41 0.00	34.67 -0.73 0.00	32.97 -1.15 0.00	11.88 -1.17 19.79	-19.10 -1.23 53.27	5.72 -1.05 32.99	41.44 -0.40 0.00	48.41 0.59 0.00	49.04 0.76 0.00	52.67 1.18 0.00	42.28 0.86 0.00	41.35 0.60 0.00	36.12 0.28 0.00
CHAUTAUQUA___LFGE 323629	34.64 -1.48 0.00	29.74 -1.28 0.00	24.97 -1.17 0.00	23.14 -1.07 0.00	22.73 -1.04 0.00	24.89 -1.01 0.00	38.37 -1.66 0.00	37.49 -1.78 0.00	28.77 -1.29 0.00	27.69 -0.86 0.00	30.41 -0.55 0.00	32.50 -0.34 0.00	34.90 -0.51 0.00	33.38 -0.74 0.00	32.15 -0.69 0.00	34.07 -1.34 0.00	38.43 -1.33 0.00	40.93 -0.91 0.00	46.47 -1.35 0.00	47.48 -0.80 0.00	50.82 -0.68 0.00	40.25 -1.17 0.00	40.07 -0.68 0.00	34.76 -1.09 0.00
CHERRYST_13_KV_LD 356241	37.89 1.77 0.00	32.44 1.42 0.00	27.17 1.02 0.00	25.14 0.93 0.00	24.71 0.94 0.00	27.00 1.10 0.00	41.93 1.91 0.00	41.39 2.12 0.00	32.57 1.83 -0.68	32.28 2.03 -1.70	33.24 2.27 0.00	35.33 2.49 0.00	38.22 2.77 -0.05	36.82 2.71 0.00	35.35 2.51 0.00	38.27 2.87 0.00	42.76 3.01 0.00	44.62 2.79 0.00	50.83 3.01 0.00	51.02 2.74 0.00	53.84 2.34 0.00	43.48 2.06 0.00	43.03 2.28 0.00	37.86 2.02 0.00

CHESTROR_138KV_BK263 355645	37.04 0.92 0.00	31.75 0.73 0.00	26.68 0.54 0.00	24.73 0.52 0.00	24.30 0.53 0.00	26.51 0.62 0.00	41.05 1.02 0.00	40.39 1.12 0.00	30.26 0.96 0.75	27.67 1.06 1.93	32.16 1.20 0.00	34.17 1.33 0.00	36.95 1.51 -0.04	35.61 1.49 0.00	34.21 1.37 0.00	37.04 1.64 0.00	41.46 1.70 0.00	43.47 1.63 0.00	49.61 1.78 0.00	49.83 1.55 0.00	52.75 1.25 0.00	42.54 1.12 0.00	42.02 1.27 0.00	36.99 1.15 0.00
CH_MIDHUDSON___DRP 24192	37.50 1.38 0.00	32.15 1.13 0.00	27.00 0.86 0.00	25.00 0.79 0.00	24.57 0.80 0.00	26.80 0.90 0.00	41.55 1.52 0.00	40.98 1.71 0.00	31.65 1.42 -0.17	30.61 1.48 -0.58	32.57 1.61 0.00	34.56 1.72 0.00	37.41 1.97 -0.03	36.05 1.93 0.00	34.65 1.80 0.00	37.53 2.13 0.00	42.04 2.28 0.00	44.02 2.18 0.00	50.28 2.45 0.00	50.51 2.23 0.00	53.40 1.91 0.00	43.08 1.66 0.00	42.48 1.73 0.00	37.38 1.54 0.00
CH_MISC_IPPS 23765	37.63 1.51 0.00	32.25 1.23 0.00	27.08 0.94 0.00	25.08 0.87 0.00	24.65 0.88 0.00	26.90 1.00 0.00	41.70 1.67 0.00	41.21 1.95 0.00	31.75 1.59 -0.10	31.14 1.76 -0.84	32.90 1.94 0.00	34.80 1.96 0.00	37.67 2.23 -0.04	36.32 2.20 0.00	34.90 2.06 0.00	37.82 2.42 0.00	42.38 2.63 0.00	44.40 2.56 0.00	50.69 2.86 0.00	50.93 2.64 0.00	53.82 2.33 0.00	43.39 1.96 0.00	42.81 2.06 0.00	37.64 1.80 0.00
CH_RES_BVR_FALLS 23983	35.72 -0.39 0.00	30.67 -0.36 0.00	25.83 -0.31 0.00	23.88 -0.33 0.00	23.44 -0.33 0.00	25.53 -0.37 0.00	39.48 -0.54 0.00	38.77 -0.51 0.00	29.71 -0.35 0.00	28.24 -0.31 0.00	30.62 -0.34 0.00	32.44 -0.40 0.00	34.91 -0.49 0.00	33.59 -0.52 0.00	32.39 -0.45 0.00	35.05 -0.35 0.00	39.57 -0.18 0.00	41.54 -0.30 0.00	47.69 -0.14 0.00	48.26 -0.03 0.00	51.59 0.10 0.00	41.49 0.07 0.00	40.76 0.01 0.00	35.82 -0.02 0.00
CH_RES_NIAGARA 23895	34.51 -1.61 0.00	29.78 -1.24 0.00	25.08 -1.07 0.00	23.11 -1.10 0.00	22.61 -1.16 0.00	24.79 -1.11 0.00	38.13 -1.89 0.00	37.20 -2.07 0.00	28.36 -1.70 0.00	27.07 -1.48 0.00	29.55 -1.42 0.00	31.30 -1.53 0.00	33.39 -2.02 0.00	32.09 -2.03 0.00	30.90 -1.95 0.00	32.53 -2.88 0.00	36.62 -3.13 0.00	38.80 -3.04 0.00	44.10 -3.72 0.00	45.03 -3.26 0.00	48.41 -3.09 0.00	38.50 -2.92 0.00	38.52 -2.23 0.00	33.63 -2.21 0.00
CH_RES_SYRACUSE 23985	35.86 -0.26 0.00	30.76 -0.26 0.00	25.94 -0.20 0.00	24.06 -0.15 0.00	23.63 -0.14 0.00	25.77 -0.12 0.00	39.81 -0.21 0.00	38.97 -0.31 0.00	29.83 -0.22 0.00	28.31 -0.24 0.00	30.72 -0.24 0.00	32.60 -0.24 0.00	35.23 -0.18 0.00	34.08 -0.04 0.00	32.80 -0.04 0.00	35.22 -0.18 0.00	39.52 -0.23 0.00	41.68 -0.16 0.00	47.57 -0.25 0.00	48.15 -0.19 -0.05	51.25 -0.33 -0.09	41.07 -0.35 0.00	40.44 -0.32 0.00	35.50 -0.34 0.00
CLINTON_WT_PWR 323605	36.35 0.23 0.00	30.89 -0.13 0.00	25.93 -0.21 0.00	23.80 -0.41 0.00	23.20 -0.57 0.00	25.25 -0.65 0.00	39.14 -0.88 0.00	38.75 -0.52 0.00	29.75 -0.31 0.00	28.27 -0.27 0.00	30.77 -0.19 0.00	32.44 -0.40 0.00	34.70 -0.71 0.00	32.95 -1.17 0.00	14.08 -1.20 17.57	-13.15 -1.25 47.30	9.38 -1.09 29.29	41.30 -0.54 0.00	48.31 0.48 0.00	48.89 0.61 0.00	52.46 0.97 0.00	42.14 0.72 0.00	41.26 0.51 0.00	36.04 0.19 0.00
CLINTON___LFGE 323618	36.89 0.77 0.00	31.26 0.24 0.00	26.22 0.07 0.00	24.00 -0.20 0.00	23.34 -0.43 0.00	25.39 -0.51 0.00	39.38 -0.64 0.00	39.12 -0.15 0.00	30.01 -0.05 0.00	28.45 -0.10 0.00	30.99 0.03 0.00	32.66 -0.18 0.00	34.97 -0.44 0.00	33.03 -1.08 0.00	13.41 -1.10 18.34	-15.13 -1.15 49.38	8.16 -1.01 30.58	41.63 -0.21 0.00	49.02 1.19 0.00	49.66 1.38 0.00	53.22 1.72 0.00	42.72 1.30 0.00	41.80 1.04 0.00	36.44 0.60 0.00
COBBLENY_34_KV_TB1 80064	35.08 -1.03 0.00	30.21 -0.81 0.00	25.40 -0.75 0.00	23.45 -0.76 0.00	22.99 -0.78 0.00	25.23 -0.67 0.00	38.92 -1.10 0.00	38.03 -1.24 0.00	29.03 -1.03 0.00	27.76 -0.78 0.00	30.37 -0.60 0.00	32.20 -0.63 0.00	34.48 -0.92 0.00	33.11 -1.01 0.00	31.81 -1.04 0.00	33.61 -1.80 0.00	37.91 -1.84 0.00	40.33 -1.51 0.00	45.88 -1.94 0.00	46.88 -1.40 0.00	50.32 -1.17 0.00	39.96 -1.47 0.00	39.73 -1.03 0.00	34.56 -1.28 0.00
COFFEEN___115KV_TB3 355620	36.57 0.45 0.00	31.24 0.22 0.00	26.30 0.16 0.00	24.36 0.15 0.00	23.92 0.15 0.00	26.32 0.42 0.00	41.05 1.03 0.00	40.14 0.87 0.00	30.60 0.54 0.00	28.94 0.39 0.00	30.65 -0.31 0.00	32.10 -0.74 0.00	34.72 -0.68 0.00	33.18 -0.94 0.00	34.04 0.52 -0.68	37.80 0.58 -1.82	42.84 1.96 -1.13	44.25 2.41 0.00	50.62 2.79 0.00	51.74 3.43 -0.03	55.94 4.39 -0.06	44.42 3.00 0.00	43.01 2.26 0.00	37.36 1.52 0.00
COLDSPRG_115KV_BK1 355956	35.13 -0.99 0.00	30.14 -0.88 0.00	25.30 -0.85 0.00	23.48 -0.73 0.00	23.13 -0.64 0.00	25.33 -0.57 0.00	39.39 -0.64 0.00	38.68 -0.58 0.00	29.70 -0.35 0.00	28.53 -0.01 0.00	31.43 0.47 0.00	33.52 0.68 0.00	36.01 0.60 0.00	34.40 0.28 0.00	33.02 0.18 0.00	34.92 -0.48 0.00	39.45 -0.31 0.00	41.90 0.06 0.00	47.38 -0.44 0.00	48.30 0.01 0.00	51.67 0.18 0.00	40.95 -0.47 0.00	40.69 -0.06 0.00	35.26 -0.58 0.00
COLONIE_LFGE___ 323577	37.41 1.30 0.00	32.15 1.13 0.00	27.10 0.96 0.00	25.09 0.88 0.00	24.65 0.88 0.00	26.85 0.95 0.00	41.42 1.40 0.00	40.74 1.47 0.00	31.28 1.09 -0.14	29.83 0.93 -0.35	31.84 0.88 0.00	33.77 0.93 0.00	36.42 1.08 0.06	35.11 0.99 0.00	33.84 0.99 0.00	36.69 1.29 0.00	41.05 1.30 0.00	43.19 1.35 0.00	49.72 1.89 0.00	50.00 1.72 0.00	53.01 1.52 0.00	42.74 1.32 0.00	42.01 1.26 0.00	37.00 1.16 0.00
COOPERNY_115KV_TB1 80082	36.70 0.59 0.00	31.48 0.46 0.00	26.49 0.34 0.00	24.55 0.34 0.00	24.12 0.35 0.00	26.30 0.40 0.00	40.68 0.66 0.00	39.98 0.71 0.00	30.27 0.63 0.42	28.17 0.72 1.09	31.78 0.81 0.00	33.74 0.90 0.00	36.46 1.03 -0.02	35.14 1.02 0.00	33.76 0.92 0.00	36.49 1.09 0.00	40.89 1.13 0.00	42.92 1.08 0.00	48.98 1.16 0.00	49.28 1.00 0.00	52.25 0.76 0.00	42.14 0.72 0.00	41.59 0.84 0.00	36.60 0.76 0.00
COPENHAGEN_WT_PWR 323753	35.75 -0.37 0.00	30.53 -0.49 0.00	25.71 -0.43 0.00	23.81 -0.40 0.00	23.38 -0.39 0.00	25.71 -0.18 0.00	40.07 0.05 0.00	39.26 -0.02 0.00	29.99 -0.07 0.00	28.39 -0.15 0.00	30.12 -0.85 0.00	31.54 -1.30 0.00	34.10 -1.31 0.00	32.65 -1.47 0.00	33.25 -0.24 -0.64	37.04 -0.08 -1.72	42.19 1.37 -1.07	43.46 1.62 0.00	49.76 1.94 0.00	50.85 2.54 -0.03	55.04 3.48 -0.06	43.74 2.32 0.00	42.31 1.56 0.00	36.76 0.92 0.00
CORNELL_____ 23752	36.34 0.22 0.00	31.14 0.13 0.00	26.23 0.09 0.00	24.34 0.13 0.00	23.91 0.14 0.00	26.11 0.21 0.00	40.42 0.40 0.00	39.63 0.36 0.00	30.23 0.16 0.00	28.58 0.03 0.00	30.92 -0.05 0.00	32.70 -0.14 0.00	35.41 0.00 0.00	34.50 0.39 0.00	33.23 0.38 0.00	35.71 0.31 0.00	40.11 0.36 0.00	42.45 0.61 0.00	48.59 0.77 0.00	49.35 1.04 -0.03	52.52 0.97 -0.05	42.01 0.59 0.00	41.38 0.63 0.00	36.23 0.39 0.00

CORONA_69_KV_TB1 355595	38.38 2.21 -0.05	32.76 1.74 0.00	72.84 1.29 -45.41	40.45 1.20 -15.04	70.80 1.25 -45.77	77.29 1.39 -50.01	52.59 2.36 -10.20	41.93 2.66 0.00	32.88 2.14 -0.68	35.36 2.23 -4.58	52.63 2.50 -19.18	45.24 2.69 -9.71	38.41 2.92 -0.08	107.54 2.83 -70.60	171.02 2.66 -135.52	166.47 2.92 -128.14	397.18 3.18 -354.25	371.83 3.01 -326.98	382.73 3.44 -331.46	343.77 3.15 -292.34	159.06 2.88 -104.68	160.61 2.52 -116.66	81.34 2.69 -37.90	80.84 2.36 -42.64
CORTLAND_115KV_TB3 80093	36.14 0.02 0.00	30.99 -0.03 0.00	26.11 -0.03 0.00	24.22 0.01 0.00	23.78 0.02 0.00	25.97 0.07 0.00	40.16 0.14 0.00	39.36 0.09 0.00	30.09 0.04 0.00	28.54 -0.01 0.00	30.91 -0.05 0.00	32.75 -0.09 0.00	35.39 -0.01 0.00	34.28 0.16 0.00	33.07 0.23 0.00	35.59 0.19 0.00	39.99 0.23 0.00	42.16 0.32 0.00	48.21 0.39 0.00	48.87 0.55 -0.03	52.01 0.46 -0.05	41.64 0.22 0.00	41.01 0.26 0.00	35.96 0.12 0.00
COXSACKIE__GT 23611	37.83 1.71 0.00	32.50 1.48 0.00	27.44 1.30 0.00	25.47 1.26 0.00	25.04 1.27 0.00	27.32 1.42 0.00	42.13 2.10 0.00	41.71 2.45 0.00	31.66 1.61 0.00	29.60 1.05 0.00	31.91 0.95 0.00	33.77 0.93 0.00	36.40 1.00 0.00	35.02 0.90 0.00	33.79 0.95 0.00	37.18 1.78 0.00	41.46 1.71 0.00	43.74 1.90 0.00	50.86 3.04 0.00	51.29 3.00 0.00	54.35 2.86 0.00	43.62 2.20 0.00	42.70 1.95 0.00	37.52 1.68 0.00
CPV_VALLEY__CC1 323721	36.78 0.66 0.00	31.54 0.52 0.00	26.51 0.37 0.00	24.58 0.37 0.00	24.15 0.38 0.00	26.34 0.44 0.00	40.74 0.72 0.00	40.09 0.82 0.00	30.21 0.74 0.59	27.88 0.85 1.51	31.95 0.98 0.00	33.92 1.08 0.00	36.67 1.24 -0.03	35.34 1.22 0.00	33.94 1.10 0.00	36.72 1.32 0.00	41.12 1.37 0.00	43.09 1.25 0.00	49.19 1.36 0.00	49.42 1.14 0.00	52.34 0.85 0.00	42.21 0.79 0.00	41.70 0.95 0.00	36.71 0.87 0.00
CPV_VALLEY__CC2 323722	36.78 0.66 0.00	31.54 0.52 0.00	26.51 0.37 0.00	24.58 0.37 0.00	24.15 0.38 0.00	26.34 0.44 0.00	40.74 0.72 0.00	40.09 0.82 0.00	30.21 0.74 0.59	27.88 0.85 1.51	31.95 0.98 0.00	33.92 1.08 0.00	36.67 1.24 -0.03	35.34 1.22 0.00	33.94 1.10 0.00	36.72 1.32 0.00	41.12 1.37 0.00	43.09 1.25 0.00	49.19 1.36 0.00	49.42 1.14 0.00	52.34 0.85 0.00	42.21 0.79 0.00	41.70 0.95 0.00	36.71 0.87 0.00
CRESCENT__HYD 24018	37.41 1.30 0.00	32.15 1.13 0.00	27.10 0.96 0.00	25.09 0.88 0.00	24.65 0.88 0.00	26.85 0.95 0.00	41.42 1.40 0.00	40.74 1.47 0.00	31.28 1.09 -0.14	29.83 0.93 -0.35	31.84 0.88 0.00	33.77 0.93 0.00	36.42 1.08 0.06	35.11 0.99 0.00	33.84 0.99 0.00	36.69 1.29 0.00	41.05 1.30 0.00	43.19 1.35 0.00	49.72 1.89 0.00	50.00 1.72 0.00	53.01 1.52 0.00	42.74 1.32 0.00	42.01 1.26 0.00	37.00 1.16 0.00
CRICKET__VALLEY_CC1 323756	37.16 1.04 0.00	31.90 0.88 0.00	26.79 0.65 0.00	24.81 0.60 0.00	24.38 0.61 0.00	26.56 0.67 0.00	41.16 1.14 0.00	40.63 1.36 0.00	31.60 1.14 -0.40	30.70 1.13 -1.02	32.14 1.18 0.00	34.10 1.26 0.00	36.13 1.44 0.72	35.52 1.41 0.00	34.18 1.34 0.00	37.11 1.71 0.00	41.50 1.75 0.00	43.42 1.58 0.00	49.73 1.90 0.00	49.96 1.68 0.00	52.81 1.32 0.00	42.60 1.18 0.00	41.98 1.22 0.00	36.89 1.05 0.00
CRICKET__VALLEY_CC2 323757	37.16 1.04 0.00	31.90 0.88 0.00	26.79 0.65 0.00	24.81 0.60 0.00	24.38 0.61 0.00	26.56 0.67 0.00	41.16 1.14 0.00	40.63 1.36 0.00	31.60 1.14 -0.40	30.70 1.13 -1.02	32.14 1.18 0.00	34.10 1.26 0.00	36.13 1.44 0.72	35.52 1.41 0.00	34.18 1.34 0.00	37.11 1.71 0.00	41.50 1.75 0.00	43.42 1.58 0.00	49.73 1.90 0.00	49.96 1.68 0.00	52.81 1.32 0.00	42.60 1.18 0.00	41.98 1.22 0.00	36.89 1.05 0.00
CRICKET__VALLEY_CC3 323758	37.16 1.04 0.00	31.90 0.88 0.00	26.79 0.65 0.00	24.81 0.60 0.00	24.38 0.61 0.00	26.56 0.67 0.00	41.16 1.14 0.00	40.63 1.36 0.00	31.60 1.14 -0.40	30.70 1.13 -1.02	32.14 1.18 0.00	34.10 1.26 0.00	36.13 1.44 0.72	35.52 1.41 0.00	34.18 1.34 0.00	37.11 1.71 0.00	41.50 1.75 0.00	43.42 1.58 0.00	49.73 1.90 0.00	49.96 1.68 0.00	52.81 1.32 0.00	42.60 1.18 0.00	41.98 1.22 0.00	36.89 1.05 0.00
CRUCIBLE_METL_DRP 24180	35.85 -0.27 0.00	30.77 -0.26 0.00	25.94 -0.20 0.00	24.06 -0.15 0.00	23.63 -0.14 0.00	25.77 -0.12 0.00	39.81 -0.21 0.00	38.97 -0.30 0.00	29.83 -0.22 0.00	28.31 -0.24 0.00	30.72 -0.24 0.00	32.60 -0.24 0.00	35.23 -0.18 0.00	34.08 -0.04 0.00	32.80 -0.05 0.00	35.22 -0.18 0.00	39.53 -0.23 0.00	41.68 -0.16 0.00	47.57 -0.26 0.00	48.15 -0.19 -0.05	51.25 -0.33 -0.09	41.08 -0.35 0.00	40.44 -0.32 0.00	35.50 -0.34 0.00
DAHOWA__HYDRO 323763	38.25 2.13 0.00	32.83 1.81 0.00	27.64 1.50 0.00	25.60 1.40 0.00	25.19 1.42 0.00	27.49 1.60 0.00	42.54 2.52 0.00	41.84 2.56 0.00	31.92 1.74 -0.13	30.26 1.39 -0.32	32.18 1.22 0.00	34.12 1.28 0.00	36.85 1.49 0.05	35.51 1.39 0.00	34.31 1.47 0.00	37.34 1.94 0.00	41.90 2.15 0.00	44.32 2.48 0.00	51.29 3.47 0.00	51.66 3.38 0.00	54.75 3.26 0.00	44.00 2.58 0.00	43.20 2.45 0.00	37.95 2.11 0.00
DANC__LFGE 323619	35.68 -0.44 0.00	30.53 -0.49 0.00	25.72 -0.43 0.00	23.82 -0.39 0.00	23.40 -0.37 0.00	25.68 -0.21 0.00	39.91 -0.11 0.00	39.08 -0.19 0.00	29.87 -0.19 0.00	28.30 -0.25 0.00	30.24 -0.73 0.00	31.83 -1.01 0.00	34.38 -1.03 0.00	33.04 -1.08 0.00	33.06 -0.23 -0.44	36.37 -0.22 -1.20	41.14 0.65 -0.74	42.68 0.84 0.00	48.79 0.96 0.00	49.73 1.41 -0.04	53.56 1.99 -0.07	42.63 1.20 0.00	41.40 0.65 0.00	36.14 0.30 0.00
DANSKAMMER__1 23586	37.63 1.51 0.00	32.25 1.23 0.00	27.08 0.94 0.00	25.08 0.87 0.00	24.65 0.88 0.00	26.90 1.00 0.00	41.70 1.67 0.00	41.21 1.95 0.00	31.75 1.59 -0.10	31.14 1.76 -0.84	32.90 1.94 0.00	34.80 1.96 0.00	37.67 2.23 -0.04	36.32 2.20 0.00	34.90 2.06 0.00	37.82 2.42 0.00	42.38 2.63 0.00	44.40 2.56 0.00	50.69 2.86 0.00	50.93 2.64 0.00	53.82 2.33 0.00	43.39 1.96 0.00	42.81 2.06 0.00	37.64 1.80 0.00
DANSKAMMER__2 23589	37.63 1.51 0.00	32.25 1.23 0.00	27.08 0.94 0.00	25.08 0.87 0.00	24.65 0.88 0.00	26.90 1.00 0.00	41.70 1.67 0.00	41.21 1.95 0.00	31.75 1.59 -0.10	31.14 1.76 -0.84	32.90 1.94 0.00	34.80 1.96 0.00	37.67 2.23 -0.04	36.32 2.20 0.00	34.90 2.06 0.00	37.82 2.42 0.00	42.38 2.63 0.00	44.40 2.56 0.00	50.69 2.86 0.00	50.93 2.64 0.00	53.82 2.33 0.00	43.39 1.96 0.00	42.81 2.06 0.00	37.64 1.80 0.00
DANSKAMMER__3 23590	37.63 1.51 0.00	32.25 1.23 0.00	27.08 0.94 0.00	25.08 0.87 0.00	24.65 0.88 0.00	26.90 1.00 0.00	41.70 1.67 0.00	41.21 1.95 0.00	31.75 1.59 -0.10	31.14 1.76 -0.84	32.90 1.94 0.00	34.80 1.96 0.00	37.67 2.23 -0.04	36.32 2.20 0.00	34.90 2.06 0.00	37.82 2.42 0.00	42.38 2.63 0.00	44.40 2.56 0.00	50.69 2.86 0.00	50.93 2.64 0.00	53.82 2.33 0.00	43.39 1.96 0.00	42.81 2.06 0.00	37.64 1.80 0.00

DANSKAMMER___4 23591	37.63 1.51 0.00	32.25 1.23 0.00	27.08 0.94 0.00	25.08 0.87 0.00	24.65 0.88 0.00	26.90 1.00 0.00	41.70 1.67 0.00	41.21 1.95 0.00	31.75 1.59 -0.10	31.14 1.76 -0.84	32.90 1.94 0.00	34.80 1.96 0.00	37.67 2.23 -0.04	36.32 2.20 0.00	34.90 2.06 0.00	37.82 2.42 0.00	42.38 2.63 0.00	44.40 2.56 0.00	50.69 2.86 0.00	50.93 2.64 0.00	53.82 2.33 0.00	43.39 1.96 0.00	42.81 2.06 0.00	37.64 1.80 0.00
DANSKAMMER___DIESEL 23592	37.63 1.51 0.00	32.25 1.23 0.00	27.08 0.94 0.00	25.08 0.87 0.00	24.65 0.88 0.00	26.90 1.00 0.00	41.70 1.67 0.00	41.21 1.94 0.00	31.75 1.59 -0.10	31.14 1.76 -0.84	32.90 1.94 0.00	34.80 1.96 0.00	37.67 2.23 -0.04	36.32 2.20 0.00	34.91 2.06 0.00	37.82 2.42 0.00	42.38 2.63 0.00	44.40 2.56 0.00	50.69 2.86 0.00	50.93 2.65 0.00	53.82 2.33 0.00	43.39 1.96 0.00	42.81 2.06 0.00	37.64 1.80 0.00
DARBY___SOLAR 323810	38.01 1.89 0.00	32.64 1.62 0.00	27.49 1.35 0.00	25.47 1.26 0.00	25.05 1.28 0.00	27.32 1.43 0.00	42.26 2.24 0.00	41.56 2.29 0.00	31.73 1.55 -0.13	30.11 1.23 -0.33	32.04 1.08 0.00	33.97 1.13 0.00	36.67 1.32 0.05	35.34 1.22 0.00	34.14 1.29 0.00	37.12 1.72 0.00	41.65 1.90 0.00	44.03 2.20 0.00	50.90 3.08 0.00	51.27 2.98 0.00	54.34 2.85 0.00	43.70 2.27 0.00	42.92 2.17 0.00	37.73 1.89 0.00
DASHVILLE___HYD 23610	37.18 1.06 0.00	31.88 0.86 0.00	26.81 0.67 0.00	24.84 0.63 0.00	24.41 0.64 0.00	26.61 0.71 0.00	41.19 1.17 0.00	40.58 1.32 0.00	31.04 1.08 0.10	29.36 1.13 0.31	32.19 1.22 0.00	34.17 1.33 0.00	37.01 1.58 -0.02	35.68 1.56 0.00	34.27 1.43 0.00	37.05 1.64 0.00	41.56 1.81 0.00	43.56 1.72 0.00	49.73 1.90 0.00	49.96 1.68 0.00	52.85 1.36 0.00	42.64 1.22 0.00	42.08 1.33 0.00	37.07 1.23 0.00
DELAWARE___LFGE 323621	36.60 0.48 0.00	31.42 0.40 0.00	26.52 0.38 0.00	24.57 0.36 0.00	24.13 0.36 0.00	26.28 0.38 0.00	40.67 0.64 0.00	40.25 0.98 0.00	30.90 0.85 0.00	29.46 0.92 0.00	31.69 0.72 0.00	33.47 0.63 0.00	36.11 0.70 0.00	34.83 0.72 0.00	33.49 0.65 0.00	36.16 0.76 0.00	40.61 0.86 0.00	42.71 0.87 0.00	48.80 0.97 0.00	49.29 1.00 -0.01	52.40 0.89 -0.02	42.13 0.70 0.00	41.54 0.79 0.00	36.54 0.70 0.00
DERFIELD_115KV_TB7 355931	36.15 0.04 0.00	31.05 0.03 0.00	26.17 0.02 0.00	24.25 0.04 0.00	23.82 0.05 0.00	25.94 0.05 0.00	40.07 0.04 0.00	39.32 0.05 0.00	30.11 0.05 0.00	28.58 0.04 0.00	30.98 0.02 0.00	32.86 0.02 0.00	35.44 0.04 0.00	34.17 0.05 0.00	32.91 0.07 0.00	35.55 0.15 0.00	39.93 0.17 0.00	41.98 0.14 0.00	48.04 0.22 0.00	48.47 0.19 0.00	51.60 0.11 0.00	41.52 0.09 0.00	40.85 0.10 0.00	35.95 0.10 0.00
DOGLEVILLE___HYD 23807	37.21 1.09 0.00	31.93 0.91 0.00	26.95 0.81 0.00	25.01 0.80 0.00	24.59 0.83 0.00	26.82 0.92 0.00	41.30 1.28 0.00	40.45 1.18 0.00	30.49 0.43 0.00	28.73 0.19 0.00	30.87 -0.09 0.00	32.88 0.04 0.00	35.50 0.09 0.00	34.22 0.11 0.00	33.08 0.24 0.00	36.00 0.60 0.00	40.68 0.93 0.00	43.33 1.49 0.00	49.86 2.04 0.00	50.26 1.97 0.00	53.21 1.72 0.00	42.79 1.36 0.00	42.20 1.45 0.00	37.08 1.23 0.00
DUNKIRK___115KV_TB_200 55889	34.70 -1.41 0.00	29.79 -1.23 0.00	25.02 -1.12 0.00	23.18 -1.03 0.00	22.77 -1.00 0.00	24.94 -0.96 0.00	38.44 -1.59 0.00	37.52 -1.75 0.00	28.78 -1.28 0.00	27.69 -0.85 0.00	30.40 -0.57 0.00	32.45 -0.39 0.00	34.85 -0.55 0.00	33.37 -0.75 0.00	32.11 -0.74 0.00	33.99 -1.41 0.00	38.35 -1.41 0.00	40.81 -1.03 0.00	46.39 -1.43 0.00	47.41 -0.88 0.00	50.75 -0.74 0.00	40.23 -1.20 0.00	40.05 -0.70 0.00	34.74 -1.10 0.00
DUNKIRK___1 23563	34.70 -1.41 0.00	29.79 -1.23 0.00	25.02 -1.12 0.00	23.18 -1.03 0.00	22.77 -1.00 0.00	24.94 -0.96 0.00	38.44 -1.59 0.00	37.52 -1.75 0.00	28.78 -1.28 0.00	27.69 -0.85 0.00	30.40 -0.57 0.00	32.45 -0.39 0.00	34.85 -0.55 0.00	33.37 -0.75 0.00	32.11 -0.74 0.00	33.99 -1.41 0.00	38.35 -1.41 0.00	40.81 -1.03 0.00	46.39 -1.43 0.00	47.41 -0.88 0.00	50.75 -0.74 0.00	40.23 -1.20 0.00	40.05 -0.70 0.00	34.74 -1.10 0.00
DUNKIRK___2 23564	34.70 -1.41 0.00	29.79 -1.23 0.00	25.02 -1.12 0.00	23.18 -1.03 0.00	22.77 -1.00 0.00	24.94 -0.96 0.00	38.44 -1.59 0.00	37.52 -1.75 0.00	28.78 -1.28 0.00	27.69 -0.85 0.00	30.40 -0.57 0.00	32.45 -0.39 0.00	34.85 -0.55 0.00	33.37 -0.75 0.00	32.11 -0.74 0.00	33.99 -1.41 0.00	38.35 -1.41 0.00	40.81 -1.03 0.00	46.39 -1.43 0.00	47.41 -0.88 0.00	50.75 -0.74 0.00	40.23 -1.20 0.00	40.05 -0.70 0.00	34.74 -1.10 0.00
DUNKIRK___3 23565	34.79 -1.33 0.00	29.89 -1.13 0.00	25.11 -1.03 0.00	23.24 -0.96 0.00	22.83 -0.94 0.00	25.02 -0.88 0.00	38.55 -1.47 0.00	37.58 -1.69 0.00	28.79 -1.26 0.00	27.68 -0.87 0.00	30.34 -0.62 0.00	32.31 -0.52 0.00	34.69 -0.71 0.00	33.22 -0.90 0.00	31.94 -0.90 0.00	33.81 -1.59 0.00	38.14 -1.62 0.00	40.57 -1.27 0.00	46.14 -1.69 0.00	47.14 -1.15 0.00	50.49 -1.01 0.00	40.04 -1.38 0.00	39.86 -0.89 0.00	34.62 -1.22 0.00
DUNKIRK___4 23566	34.79 -1.33 0.00	29.89 -1.13 0.00	25.11 -1.03 0.00	23.24 -0.96 0.00	22.83 -0.94 0.00	25.02 -0.88 0.00	38.55 -1.47 0.00	37.58 -1.69 0.00	28.79 -1.26 0.00	27.68 -0.87 0.00	30.34 -0.62 0.00	32.31 -0.52 0.00	34.69 -0.71 0.00	33.22 -0.90 0.00	31.94 -0.90 0.00	33.81 -1.59 0.00	38.14 -1.62 0.00	40.57 -1.27 0.00	46.14 -1.69 0.00	47.14 -1.15 0.00	50.49 -1.01 0.00	40.04 -1.38 0.00	39.86 -0.89 0.00	34.62 -1.22 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.63 1.51 0.00	32.23 1.21 0.00	27.02 0.88 0.00	25.02 0.81 0.00	24.59 0.82 0.00	26.84 0.95 0.00	41.64 1.62 0.00	41.10 1.83 0.00	32.30 1.56 -0.68	31.95 1.71 -1.70	32.87 1.90 0.00	34.92 2.08 0.00	37.80 2.34 -0.05	36.41 2.29 0.00	34.96 2.11 0.00	37.86 2.45 0.00	42.33 2.58 0.00	44.23 2.39 0.00	50.44 2.62 0.00	50.66 2.37 0.00	53.50 2.01 0.00	43.21 1.79 0.00	42.73 1.98 0.00	37.61 1.77 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.28 1.17 0.00	31.95 0.93 0.00	26.84 0.70 0.00	24.87 0.66 0.00	24.43 0.66 0.00	26.66 0.77 0.00	41.30 1.28 0.00	40.64 1.37 0.00	30.89 1.15 0.32	28.53 1.19 1.20	32.30 1.33 0.00	34.36 1.52 0.00	37.16 1.72 -0.03	35.84 1.72 0.00	34.43 1.59 0.00	37.29 1.88 0.00	41.74 1.99 0.00	43.77 1.93 0.00	49.94 2.12 0.00	50.18 1.89 0.00	53.09 1.59 0.00	42.82 1.39 0.00	42.27 1.52 0.00	37.20 1.36 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.70 1.58 0.00	32.27 1.25 0.00	27.04 0.90 0.00	25.04 0.83 0.00	24.62 0.85 0.00	26.92 1.02 0.00	41.70 1.68 0.00	41.25 1.98 0.00	32.44 1.71 -0.68	32.09 1.85 -1.70	33.02 2.06 0.00	35.13 2.29 0.00	37.98 2.53 -0.05	36.59 2.47 0.00	35.12 2.28 0.00	37.94 2.54 0.00	42.35 2.60 0.00	44.13 2.29 0.00	50.30 2.47 0.00	50.59 2.31 0.00	53.42 1.93 0.00	43.23 1.81 0.00	42.70 1.95 0.00	37.53 1.69 0.00

E179THST_13_KV_LOAD 356214	37.87 1.75 0.00	32.42 1.40 0.00	27.16 1.02 0.00	25.14 0.93 0.00	24.72 0.94 0.00	27.03 1.13 0.00	41.89 1.86 0.00	41.44 2.18 0.00	32.60 1.86 -0.68	32.24 2.00 -1.70	33.19 2.23 0.00	35.30 2.46 0.00	38.19 2.73 -0.05	36.78 2.66 0.00	35.30 2.46 0.00	38.14 2.74 0.00	42.58 2.83 0.00	44.37 2.53 0.00	50.55 2.73 0.00	50.86 2.58 0.00	53.70 2.21 0.00	43.45 2.03 0.00	42.92 2.17 0.00	37.73 1.88 0.00
EAST HAMPTON___GT 23717	38.93 2.81 0.00	33.21 2.19 0.00	32.11 1.68 -4.29	26.82 1.61 -1.00	28.52 1.72 -3.03	31.17 1.95 -3.32	43.97 3.27 -0.68	42.99 3.72 0.00	33.62 2.89 -0.68	34.34 2.97 -2.83	43.36 3.40 -8.99	36.88 3.40 -0.64	38.77 3.32 -0.05	42.07 3.20 -4.75	40.71 2.89 -4.98	43.59 3.50 -4.69	61.45 3.79 -17.91	59.34 3.77 -13.73	64.20 4.25 -12.13	63.04 4.06 -10.70	57.40 3.36 -2.55	48.77 2.72 -4.62	47.94 2.88 -4.30	42.12 2.14 -4.14
EAST RIVER___6 23660	37.79 1.68 0.00	32.35 1.34 0.00	27.08 0.94 0.00	25.07 0.86 0.00	24.64 0.87 0.00	26.92 1.02 0.00	41.76 1.73 0.00	41.20 1.94 0.00	32.44 1.71 -0.68	32.16 1.91 -1.70	33.11 2.15 0.00	35.18 2.34 0.00	38.07 2.61 -0.05	36.69 2.57 0.00	35.24 2.40 0.00	38.14 2.74 0.00	42.62 2.86 0.00	44.48 2.64 0.00	50.66 2.84 0.00	50.85 2.56 0.00	53.67 2.17 0.00	43.35 1.93 0.00	42.93 2.18 0.00	37.75 1.91 0.00
EAST RIVER___7 23524	37.79 1.68 0.00	32.35 1.34 0.00	27.08 0.94 0.00	25.07 0.86 0.00	24.64 0.87 0.00	26.92 1.02 0.00	41.76 1.73 0.00	41.20 1.94 0.00	32.44 1.71 -0.68	32.16 1.91 -1.70	33.11 2.15 0.00	35.18 2.34 0.00	38.07 2.61 -0.05	36.69 2.57 0.00	35.24 2.40 0.00	38.14 2.74 0.00	42.62 2.86 0.00	44.48 2.64 0.00	50.66 2.84 0.00	50.85 2.56 0.00	53.67 2.17 0.00	43.35 1.93 0.00	42.93 2.18 0.00	37.75 1.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.54 1.42 0.00	32.16 1.14 0.00	26.97 0.83 0.00	24.98 0.77 0.00	24.55 0.78 0.00	26.80 0.90 0.00	41.56 1.54 0.00	41.01 1.74 0.00	32.24 1.48 -0.70	31.92 1.62 -1.76	32.77 1.81 0.00	34.81 1.98 0.00	37.67 2.21 -0.05	36.30 2.18 0.00	34.84 2.00 0.00	37.73 2.33 0.00	42.19 2.44 0.00	44.11 2.27 0.00	50.33 2.51 0.00	50.52 2.24 0.00	53.38 1.88 0.00	43.10 1.68 0.00	42.62 1.87 0.00	37.51 1.66 0.00
EAST_HAMPTON___DIESEL 23722	38.94 2.83 0.00	33.22 2.20 0.00	32.12 1.69 -4.29	26.82 1.61 -1.00	28.52 1.72 -3.03	31.18 1.97 -3.32	43.98 3.27 -0.68	42.99 3.72 0.00	33.63 2.90 -0.68	34.36 2.98 -2.83	43.36 3.40 -8.99	36.88 3.40 -0.64	38.78 3.32 -0.05	42.07 3.20 -4.75	40.70 2.88 -4.98	43.58 3.49 -4.69	61.43 3.77 -17.91	59.32 3.75 -13.73	64.16 4.21 -12.13	63.02 4.03 -10.70	57.35 3.30 -2.55	48.73 2.68 -4.62	47.90 2.85 -4.30	42.07 2.10 -4.14
EAST_POINT___SOLAR 323840	37.60 1.48 0.00	32.26 1.24 0.00	27.17 1.03 0.00	25.14 0.93 0.00	24.72 0.95 0.00	27.00 1.10 0.00	42.03 2.01 0.00	41.27 2.00 0.00	30.28 0.11 -0.12	28.65 -0.19 -0.30	30.78 -0.18 0.00	32.34 -0.50 0.00	34.91 -0.47 0.03	33.87 -0.24 0.00	32.64 -0.20 0.00	35.47 0.07 0.00	41.02 1.26 0.00	44.08 2.24 0.00	50.46 2.63 0.00	51.11 2.83 0.00	54.48 2.99 0.00	43.64 2.22 0.00	42.87 2.11 0.00	37.57 1.72 0.00
EAST_PULASKI___ESR 323781	35.64 -0.48 0.00	30.56 -0.46 0.00	25.74 -0.40 0.00	23.85 -0.36 0.00	23.42 -0.35 0.00	25.64 -0.26 0.00	39.72 -0.31 0.00	38.87 -0.40 0.00	29.74 -0.32 0.00	28.21 -0.34 0.00	30.36 -0.60 0.00	32.10 -0.74 0.00	34.66 -0.74 0.00	33.42 -0.70 0.00	32.59 -0.26 0.00	35.04 -0.36 0.00	39.70 -0.06 0.00	41.86 0.02 0.00	47.79 -0.03 0.00	48.59 0.23 -0.07	52.03 0.41 -0.12	41.50 0.08 0.00	40.55 -0.21 0.00	35.55 -0.29 0.00
EAST_RIVER___1 323558	37.79 1.68 0.00	32.35 1.34 0.00	27.10 0.95 0.00	25.08 0.87 0.00	24.66 0.89 0.00	26.92 1.03 0.00	41.80 1.77 0.00	41.25 1.98 0.00	32.45 1.71 -0.68	32.16 1.92 -1.70	33.11 2.14 0.00	35.18 2.35 0.00	38.07 2.62 -0.05	36.69 2.57 0.00	35.22 2.38 0.00	38.11 2.71 0.00	42.60 2.84 0.00	44.45 2.61 0.00	50.65 2.82 0.00	50.84 2.55 0.00	53.66 2.16 0.00	43.34 1.92 0.00	42.91 2.16 0.00	37.75 1.91 0.00
EAST_RIVER___2 323559	37.79 1.68 0.00	32.35 1.34 0.00	27.08 0.94 0.00	25.07 0.86 0.00	24.64 0.87 0.00	26.92 1.02 0.00	41.76 1.73 0.00	41.20 1.94 0.00	32.44 1.71 -0.68	32.16 1.91 -1.70	33.11 2.15 0.00	35.18 2.34 0.00	38.07 2.61 -0.05	36.69 2.57 0.00	35.24 2.40 0.00	38.14 2.74 0.00	42.62 2.86 0.00	44.48 2.64 0.00	50.66 2.84 0.00	50.85 2.56 0.00	53.67 2.17 0.00	43.35 1.93 0.00	42.93 2.18 0.00	37.75 1.91 0.00
EAST___DELAWARE_HYD 23607	36.64 0.52 0.00	31.39 0.37 0.00	26.38 0.23 0.00	24.44 0.23 0.00	24.02 0.25 0.00	26.21 0.31 0.00	40.63 0.61 0.00	39.98 0.71 0.00	30.40 0.61 0.26	28.38 0.62 0.78	31.62 0.65 0.00	33.59 0.75 0.00	36.22 0.79 -0.03	34.27 0.15 0.00	32.93 0.09 0.00	35.57 0.17 0.00	39.91 0.16 0.00	42.04 0.20 0.00	47.98 0.15 0.00	48.23 -0.05 0.00	51.19 -0.30 0.00	42.21 0.79 0.00	41.63 0.88 0.00	36.61 0.76 0.00
EIGHT_POINT___WT_PWR 323820	33.91 -2.21 0.00	29.07 -1.95 0.00	24.42 -1.72 0.00	22.76 -1.46 0.00	22.41 -1.36 0.00	24.69 -1.21 0.00	38.09 -1.93 0.00	37.09 -2.17 0.00	28.16 -1.90 0.00	26.83 -1.71 0.00	29.31 -1.66 0.00	30.76 -2.08 0.00	33.60 -1.80 0.00	32.23 -1.88 0.00	30.82 -2.02 0.00	33.01 -2.40 0.00	37.86 -1.89 0.00	40.74 -1.10 0.00	46.75 -1.07 0.00	48.34 0.05 -0.01	51.73 0.22 -0.02	41.20 -0.22 0.00	40.81 0.05 0.00	35.45 -0.39 0.00
ELBRIDGE_115KV_TB2 80188	35.67 -0.45 0.00	30.61 -0.40 0.00	25.81 -0.33 0.00	23.95 -0.26 0.00	23.53 -0.24 0.00	25.66 -0.23 0.00	39.63 -0.39 0.00	38.80 -0.47 0.00	29.69 -0.37 0.00	28.18 -0.36 0.00	30.60 -0.37 0.00	32.45 -0.39 0.00	35.05 -0.36 0.00	33.89 -0.23 0.00	32.60 -0.24 0.00	34.97 -0.43 0.00	39.25 -0.51 0.00	41.44 -0.40 0.00	47.31 -0.51 0.00	47.90 -0.44 -0.06	50.96 -0.63 -0.10	40.87 -0.56 0.00	40.24 -0.51 0.00	35.33 -0.51 0.00
ELEC_TRO_TEK 24086	38.09 1.96 -0.02	32.51 1.49 0.00	51.38 1.09 -24.15	33.21 1.03 -7.97	49.11 1.10 -24.24	53.60 1.21 -26.49	47.48 2.06 -5.40	41.64 2.36 0.00	32.66 1.93 -0.68	34.68 2.03 -4.10	50.58 2.29 -17.32	40.43 2.45 -5.14	38.13 2.66 -0.07	71.76 2.58 -35.06	97.72 2.38 -62.49	97.12 2.68 -59.05	210.83 2.87 -168.22	197.00 2.70 -152.46	203.60 3.03 -152.75	185.75 2.75 -134.72	100.91 2.47 -46.95	98.25 2.21 -54.63	64.84 2.35 -21.74	61.48 2.06 -23.58
ELLENBURG_WT_PWR 323604	36.35 0.23 0.00	30.89 -0.13 0.00	25.93 -0.21 0.00	23.80 -0.41 0.00	23.20 -0.57 0.00	25.25 -0.65 0.00	39.14 -0.88 0.00	38.75 -0.52 0.00	29.75 -0.31 0.00	28.27 -0.27 0.00	30.77 -0.19 0.00	32.44 -0.40 0.00	34.70 -0.71 0.00	32.95 -1.17 0.00	14.08 -1.20 17.57	-13.15 -1.25 47.30	9.38 -1.09 29.29	41.30 -0.54 0.00	48.31 0.48 0.00	48.89 0.61 0.00	52.46 0.97 0.00	42.14 0.72 0.00	41.26 0.51 0.00	36.04 0.19 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.98 -1.14 0.00	30.13 -0.89 0.00	25.35 -0.80 0.00	23.40 -0.81 0.00	22.93 -0.84 0.00	25.15 -0.75 0.00	38.76 -1.26 0.00	37.85 -1.42 0.00	28.87 -1.18 0.00	27.60 -0.95 0.00	30.18 -0.78 0.00	32.01 -0.82 0.00	34.25 -1.16 0.00	32.87 -1.24 0.00	31.62 -1.23 0.00	33.38 -2.02 0.00	37.63 -2.13 0.00	40.04 -1.80 0.00	45.55 -2.27 0.00	46.53 -1.75 0.00	49.95 -1.54 0.00	39.68 -1.74 0.00	39.46 -1.29 0.00	34.38 -1.46 0.00
EMPIRE_CC_1 323656	36.81 0.69 0.00	31.70 0.68 0.00	26.75 0.61 0.00	24.79 0.58 0.00	24.32 0.55 0.00	26.43 0.54 0.00	40.65 0.62 0.00	40.00 0.73 0.00	30.83 0.60 -0.17	29.52 0.52 -0.45	31.44 0.47 0.00	33.30 0.47 0.00	35.91 0.57 0.06	34.62 0.50 0.00	33.35 0.50 0.00	36.11 0.71 0.00	40.33 0.58 0.00	42.28 0.44 0.00	48.60 0.77 0.00	48.84 0.56 0.00	51.79 0.30 0.00	41.85 0.43 0.00	41.14 0.39 0.00	36.30 0.46 0.00
EMPIRE_CC_2 323658	36.81 0.69 0.00	31.70 0.68 0.00	26.75 0.61 0.00	24.79 0.58 0.00	24.32 0.55 0.00	26.43 0.54 0.00	40.65 0.62 0.00	40.00 0.73 0.00	30.83 0.60 -0.17	29.52 0.52 -0.45	31.44 0.47 0.00	33.30 0.47 0.00	35.91 0.57 0.06	34.62 0.50 0.00	33.35 0.50 0.00	36.11 0.71 0.00	40.33 0.58 0.00	42.28 0.44 0.00	48.60 0.77 0.00	48.84 0.56 0.00	51.79 0.30 0.00	41.85 0.43 0.00	41.14 0.39 0.00	36.30 0.46 0.00
ENORWICH_115KV_TB1 80156	36.83 0.71 0.00	31.47 0.45 0.00	26.55 0.41 0.00	24.65 0.43 0.00	24.17 0.40 0.00	26.42 0.52 0.00	40.95 0.93 0.00	40.22 0.95 0.00	30.75 0.69 0.00	29.23 0.69 0.00	31.42 0.45 0.00	32.91 0.07 0.00	35.39 -0.02 0.00	34.48 0.36 0.00	33.25 0.41 0.00	36.43 1.03 0.00	41.08 1.32 0.00	43.39 1.55 0.00	49.99 2.17 0.00	51.51 3.20 -0.02	54.86 3.33 -0.04	43.83 2.41 0.00	43.26 2.51 0.00	37.78 1.94 0.00
ERIE_ST__34_KV_TB1-2 80199	35.17 -0.95 0.00	30.26 -0.76 0.00	25.44 -0.70 0.00	23.49 -0.72 0.00	23.04 -0.72 0.00	25.29 -0.61 0.00	39.06 -0.96 0.00	38.18 -1.09 0.00	29.14 -0.92 0.00	27.88 -0.66 0.00	30.51 -0.46 0.00	32.35 -0.49 0.00	34.62 -0.78 0.00	33.21 -0.91 0.00	31.89 -0.96 0.00	33.69 -1.71 0.00	37.97 -1.78 0.00	40.41 -1.43 0.00	45.96 -1.86 0.00	46.95 -1.33 0.00	50.40 -1.09 0.00	40.01 -1.41 0.00	39.76 -1.00 0.00	34.59 -1.26 0.00
ERIE_WT_PWR 323693	35.05 -1.07 0.00	30.17 -0.85 0.00	25.39 -0.75 0.00	23.43 -0.78 0.00	22.95 -0.82 0.00	25.22 -0.68 0.00	38.87 -1.16 0.00	37.95 -1.32 0.00	28.95 -1.11 0.00	27.66 -0.88 0.00	30.26 -0.70 0.00	32.11 -0.73 0.00	34.36 -1.05 0.00	32.99 -1.13 0.00	31.72 -1.12 0.00	33.57 -1.83 0.00	37.82 -1.93 0.00	40.28 -1.56 0.00	45.80 -2.02 0.00	46.81 -1.47 0.00	50.25 -1.24 0.00	39.87 -1.55 0.00	39.64 -1.11 0.00	34.53 -1.31 0.00
ESPRGFLD_115KV_TB1 80157	36.72 0.61 0.00	31.48 0.46 0.00	26.53 0.39 0.00	24.56 0.35 0.00	24.13 0.36 0.00	26.33 0.43 0.00	41.05 1.03 0.00	41.93 2.67 0.00	31.54 1.36 -0.12	29.97 1.13 -0.30	31.71 0.75 0.00	33.31 0.47 0.00	35.82 0.44 0.02	34.59 0.47 0.00	33.33 0.48 0.00	35.91 0.51 0.00	40.65 0.90 0.00	43.01 1.17 0.00	49.10 1.27 0.00	49.80 1.52 0.00	53.18 1.69 0.00	42.63 1.21 0.00	41.97 1.22 0.00	36.83 0.99 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.29 0.17 0.00	31.11 0.09 0.00	26.21 0.07 0.00	24.32 0.11 0.00	23.88 0.12 0.00	26.08 0.19 0.00	40.36 0.34 0.00	39.57 0.30 0.00	30.20 0.14 0.00	28.57 0.02 0.00	30.91 -0.05 0.00	32.70 -0.14 0.00	35.39 -0.01 0.00	34.44 0.32 0.00	33.17 0.33 0.00	35.64 0.24 0.00	40.06 0.30 0.00	42.37 0.53 0.00	48.47 0.65 0.00	49.23 0.92 -0.03	52.38 0.84 -0.05	41.92 0.50 0.00	41.29 0.54 0.00	36.17 0.32 0.00
ETNA____115KV_TB2 80207	36.29 0.17 0.00	31.11 0.09 0.00	26.21 0.07 0.00	24.32 0.11 0.00	23.88 0.12 0.00	26.08 0.19 0.00	40.36 0.34 0.00	39.57 0.30 0.00	30.20 0.14 0.00	28.57 0.02 0.00	30.91 -0.05 0.00	32.70 -0.14 0.00	35.39 -0.01 0.00	34.44 0.32 0.00	33.17 0.33 0.00	35.64 0.24 0.00	40.06 0.30 0.00	42.37 0.53 0.00	48.47 0.65 0.00	49.23 0.92 -0.03	52.38 0.84 -0.05	41.92 0.50 0.00	41.29 0.54 0.00	36.17 0.32 0.00
EUCLID___115KV_TB2 356179	35.50 -0.62 0.00	30.48 -0.54 0.00	25.70 -0.45 0.00	23.82 -0.39 0.00	23.38 -0.38 0.00	25.50 -0.40 0.00	39.37 -0.66 0.00	38.54 -0.73 0.00	29.52 -0.53 0.00	28.05 -0.50 0.00	30.43 -0.53 0.00	32.28 -0.55 0.00	34.86 -0.55 0.00	33.67 -0.44 0.00	32.45 -0.40 0.00	34.85 -0.56 0.00	39.10 -0.65 0.00	41.19 -0.65 0.00	47.02 -0.80 0.00	47.55 -0.75 -0.02	50.64 -0.90 -0.04	40.62 -0.80 0.00	39.99 -0.76 0.00	35.14 -0.70 0.00
E_CANADA_CAP_HY 24051	37.06 0.94 0.00	31.80 0.78 0.00	26.78 0.64 0.00	24.77 0.56 0.00	24.35 0.58 0.00	26.58 0.68 0.00	41.37 1.35 0.00	41.15 1.88 0.00	30.86 0.69 -0.12	29.30 0.46 -0.30	31.34 0.38 0.00	33.04 0.20 0.00	35.53 0.15 0.03	34.30 0.18 0.00	33.10 0.26 0.00	35.71 0.31 0.00	40.57 0.81 0.00	43.17 1.33 0.00	49.37 1.55 0.00	50.00 1.72 0.00	53.49 2.00 0.00	42.91 1.48 0.00	42.22 1.46 0.00	37.04 1.20 0.00
E_CANADA_MHWK_HY 24050	37.21 1.10 0.00	31.93 0.91 0.00	26.95 0.81 0.00	25.01 0.80 0.00	24.59 0.83 0.00	26.82 0.92 0.00	41.30 1.27 0.00	40.45 1.18 0.00	30.49 0.43 0.00	28.73 0.19 0.00	30.87 -0.09 0.00	32.88 0.04 0.00	35.50 0.09 0.00	34.22 0.11 0.00	33.08 0.24 0.00	36.00 0.60 0.00	40.68 0.93 0.00	43.33 1.49 0.00	49.86 2.04 0.00	50.26 1.97 0.00	53.21 1.72 0.00	42.79 1.36 0.00	42.20 1.45 0.00	37.07 1.23 0.00
E_FISHKILL___LBMP 23776	37.39 1.27 0.00	32.06 1.04 0.00	26.92 0.78 0.00	24.92 0.71 0.00	24.49 0.72 0.00	26.71 0.82 0.00	41.41 1.38 0.00	40.85 1.58 0.00	31.84 1.33 -0.45	31.13 1.41 -1.17	32.51 1.55 0.00	34.52 1.68 0.00	37.36 1.90 -0.05	35.97 1.86 0.00	34.56 1.71 0.00	37.44 2.04 0.00	41.87 2.12 0.00	43.80 1.96 0.00	50.02 2.20 0.00	50.26 1.98 0.00	53.12 1.62 0.00	42.88 1.46 0.00	42.34 1.59 0.00	37.27 1.43 0.00
FALCON___SEABRD_CC1 323796	36.86 0.74 0.00	31.20 0.18 0.00	26.16 0.02 0.00	23.93 -0.28 0.00	23.24 -0.53 0.00	25.26 -0.64 0.00	39.14 -0.88 0.00	38.94 -0.33 0.00	29.97 -0.09 0.00	28.43 -0.11 0.00	30.98 0.01 0.00	32.66 -0.17 0.00	34.98 -0.43 0.00	32.94 -1.18 0.00	13.63 -1.19 18.02	-14.36 -1.23 48.52	8.53 -1.18 30.04	41.35 -0.49 0.00	48.67 0.84 0.00	49.30 1.02 0.00	52.82 1.32 0.00	42.45 1.03 0.00	41.56 0.81 0.00	36.24 0.40 0.00
FALCON___SEABRD_CC2 323797	36.86 0.74 0.00	31.20 0.18 0.00	26.16 0.02 0.00	23.93 -0.28 0.00	23.24 -0.53 0.00	25.26 -0.64 0.00	39.14 -0.88 0.00	38.94 -0.33 0.00	29.97 -0.09 0.00	28.43 -0.11 0.00	30.98 0.01 0.00	32.66 -0.17 0.00	34.98 -0.43 0.00	32.94 -1.18 0.00	13.63 -1.19 18.02	-14.36 -1.23 48.52	8.53 -1.18 30.04	41.35 -0.49 0.00	48.67 0.84 0.00	49.30 1.02 0.00	52.82 1.32 0.00	42.45 1.03 0.00	41.56 0.81 0.00	36.24 0.40 0.00

FAR ROCKAWAY___4 23548	38.69 2.52 -0.05	33.01 1.99 0.00	74.15 1.48 -46.52	41.09 1.38 -15.50	72.36 1.44 -47.16	79.01 1.60 -51.52	53.22 2.69 -10.50	42.27 3.00 0.00	33.14 2.41 -0.68	35.46 2.50 -4.42	51.53 2.80 -17.76	45.87 3.03 -10.00	38.78 3.28 -0.09	110.18 3.19 -72.87	176.88 3.01 -141.02	171.95 3.21 -133.34	410.61 3.52 -367.34	384.90 3.26 -339.80	396.59 3.83 -344.92	356.02 3.53 -304.21	164.05 3.29 -109.27	165.53 2.83 -121.27	82.42 3.08 -38.59	82.15 2.69 -43.62
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.80 1.68 0.00	32.37 1.35 0.00	27.11 0.97 0.00	25.10 0.88 0.00	24.66 0.89 0.00	26.94 1.05 0.00	41.82 1.80 0.00	41.28 2.01 0.00	32.47 1.74 -0.68	32.18 1.93 -1.70	33.13 2.17 0.00	35.21 2.37 0.00	38.10 2.65 -0.05	36.72 2.60 0.00	35.23 2.38 0.00	38.13 2.73 0.00	42.62 2.87 0.00	44.47 2.63 0.00	50.68 2.86 0.00	50.86 2.58 0.00	53.67 2.18 0.00	43.36 1.94 0.00	42.93 2.17 0.00	37.77 1.93 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.82 1.70 0.00	32.37 1.35 0.00	27.12 0.97 0.00	25.10 0.89 0.00	24.67 0.90 0.00	26.95 1.05 0.00	41.82 1.80 0.00	41.29 2.02 0.00	32.47 1.74 -0.68	32.17 1.93 -1.70	33.13 2.17 0.00	35.20 2.37 0.00	38.10 2.65 -0.05	36.71 2.59 0.00	35.23 2.38 0.00	38.13 2.73 0.00	42.62 2.87 0.00	44.47 2.63 0.00	50.69 2.86 0.00	50.87 2.59 0.00	53.69 2.20 0.00	43.37 1.95 0.00	42.93 2.18 0.00	37.78 1.94 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.78 1.67 0.00	32.34 1.33 0.00	27.10 0.96 0.00	25.08 0.87 0.00	24.65 0.88 0.00	26.92 1.03 0.00	41.80 1.78 0.00	41.26 1.99 0.00	32.45 1.72 -0.68	32.16 1.92 -1.70	33.11 2.15 0.00	35.19 2.35 0.00	38.08 2.62 -0.05	36.69 2.57 0.00	35.21 2.37 0.00	38.11 2.71 0.00	42.59 2.84 0.00	44.45 2.61 0.00	50.64 2.82 0.00	50.83 2.55 0.00	53.64 2.15 0.00	43.33 1.91 0.00	42.89 2.14 0.00	37.75 1.91 0.00
FARRAGUT___LBMP 323566	37.76 1.64 0.00	32.33 1.31 0.00	27.08 0.94 0.00	25.07 0.86 0.00	24.64 0.87 0.00	26.91 1.01 0.00	41.77 1.75 0.00	41.22 1.95 0.00	32.42 1.68 -0.68	32.13 1.88 -1.70	33.07 2.11 0.00	35.15 2.31 0.00	38.03 2.57 -0.05	36.65 2.53 0.00	35.16 2.32 0.00	38.07 2.66 0.00	42.55 2.79 0.00	44.39 2.55 0.00	50.59 2.77 0.00	50.78 2.50 0.00	53.59 2.10 0.00	43.29 1.87 0.00	42.86 2.11 0.00	37.71 1.87 0.00
FENNER___WINDPWR 24204	36.39 0.27 0.00	31.19 0.17 0.00	26.29 0.14 0.00	24.36 0.14 0.00	23.92 0.15 0.00	26.12 0.22 0.00	40.44 0.41 0.00	39.63 0.37 0.00	30.28 0.22 0.00	28.68 0.13 0.00	31.03 0.07 0.00	32.87 0.03 0.00	35.45 0.05 0.00	34.32 0.20 0.00	33.28 0.44 0.00	36.00 0.60 0.00	40.48 0.72 0.00	42.58 0.74 0.00	48.87 1.05 0.00	49.51 1.20 -0.02	52.74 1.21 -0.04	42.23 0.81 0.00	41.52 0.77 0.00	36.40 0.56 0.00
FIBERTEK___ENERGY 23856	35.85 -0.27 0.00	30.77 -0.26 0.00	25.94 -0.20 0.00	24.06 -0.15 0.00	23.63 -0.14 0.00	25.77 -0.12 0.00	39.81 -0.21 0.00	38.97 -0.30 0.00	29.83 -0.22 0.00	28.31 -0.24 0.00	30.72 -0.24 0.00	32.60 -0.24 0.00	35.23 -0.18 0.00	34.08 -0.04 0.00	32.80 -0.05 0.00	35.22 -0.18 0.00	39.53 -0.23 0.00	41.68 -0.16 0.00	47.57 -0.26 0.00	48.15 -0.19 -0.05	51.25 -0.33 -0.09	41.08 -0.35 0.00	40.44 -0.32 0.00	35.50 -0.34 0.00
FITZPATRICK___ 23598	35.02 -1.10 0.00	30.08 -0.94 0.00	25.37 -0.78 0.00	23.50 -0.71 0.00	23.07 -0.69 0.00	25.14 -0.75 0.00	38.78 -1.25 0.00	37.95 -1.32 0.00	29.08 -0.98 0.00	27.62 -0.92 0.00	29.97 -0.99 0.00	31.79 -1.05 0.00	34.30 -1.11 0.00	33.10 -1.02 0.00	31.88 -0.97 0.00	34.27 -1.13 0.00	38.48 -1.27 0.00	40.54 -1.30 0.00	46.28 -1.54 0.00	46.47 -1.52 0.30	49.29 -1.69 0.52	40.04 -1.38 0.00	39.40 -1.36 0.00	34.66 -1.18 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.70 1.58 0.00	32.32 1.30 0.00	27.13 0.99 0.00	25.12 0.92 0.00	24.70 0.93 0.00	26.95 1.06 0.00	41.80 1.78 0.00	41.31 2.04 0.00	31.89 1.66 -0.17	31.21 1.80 -0.86	32.94 1.97 0.00	34.88 2.04 0.00	37.77 2.32 -0.04	36.40 2.29 0.00	34.99 2.15 0.00	37.92 2.52 0.00	42.49 2.74 0.00	44.52 2.68 0.00	50.81 2.98 0.00	51.07 2.79 0.00	53.96 2.47 0.00	43.49 2.07 0.00	42.91 2.16 0.00	37.72 1.88 0.00
FORT ORANGE___ 23900	36.36 0.24 0.00	31.32 0.30 0.00	26.46 0.31 0.00	24.60 0.39 0.00	24.23 0.46 0.00	26.36 0.46 0.00	40.58 0.55 0.00	39.85 0.59 0.00	30.68 0.50 -0.13	29.28 0.41 -0.33	31.32 0.36 0.00	33.17 0.34 0.00	35.80 0.43 0.04	34.53 0.42 0.00	33.29 0.44 0.00	36.11 0.71 0.00	40.39 0.64 0.00	42.43 0.59 0.00	48.75 0.93 0.00	49.10 0.81 0.00	52.04 0.55 0.00	41.94 0.52 0.00	41.21 0.46 0.00	36.32 0.47 0.00
FORT_DRUM_COGEN 23780	36.26 0.14 0.00	30.98 -0.04 0.00	26.10 -0.04 0.00	24.16 -0.04 0.00	23.73 -0.04 0.00	26.10 0.20 0.00	40.68 0.66 0.00	39.81 0.55 0.00	30.26 0.20 0.00	28.58 0.04 0.00	30.46 -0.50 0.00	31.92 -0.91 0.00	34.52 -0.89 0.00	33.06 -1.06 0.00	33.80 0.23 -0.72	37.71 0.38 -1.93	42.69 1.74 -1.20	43.87 2.03 0.00	50.23 2.41 0.00	51.33 3.02 -0.03	55.46 3.92 -0.05	44.10 2.68 0.00	42.72 1.97 0.00	37.12 1.28 0.00
FOX_HILLS___ESR 323835	37.78 1.66 0.00	32.35 1.33 0.00	27.12 0.98 0.00	25.10 0.89 0.00	24.67 0.91 0.00	26.96 1.07 0.00	41.70 1.68 0.00	41.24 1.97 0.00	32.45 1.71 -0.68	32.11 1.87 -1.70	33.06 2.09 0.00	35.18 2.35 0.00	38.09 2.63 -0.05	36.70 2.58 0.00	35.24 2.39 0.00	38.10 2.70 0.00	42.49 2.74 0.00	44.17 2.33 0.00	50.37 2.54 0.00	50.59 2.30 0.00	53.39 1.90 0.00	43.26 1.84 0.00	42.94 2.18 0.00	37.84 2.00 0.00
FPL_FAR_ROCK_GT1 24212	38.67 2.50 -0.05	33.01 1.99 0.00	74.15 1.48 -46.52	41.09 1.37 -15.50	72.36 1.43 -47.16	79.01 1.60 -51.52	53.23 2.70 -10.50	42.28 3.01 0.00	33.14 2.41 -0.68	35.46 2.50 -4.42	51.53 2.80 -17.76	45.87 3.03 -10.00	38.77 3.28 -0.09	110.18 3.19 -72.87	176.86 3.00 -141.02	171.96 3.21 -133.34	410.61 3.52 -367.34	384.89 3.25 -339.80	396.59 3.83 -344.92	356.03 3.53 -304.21	164.06 3.29 -109.27	165.50 2.81 -121.27	82.42 3.08 -38.59	82.15 2.69 -43.62
FPL_FAR_ROCK_GT2 23815	38.67 2.50 -0.05	33.01 1.99 0.00	74.15 1.48 -46.52	41.09 1.37 -15.50	72.36 1.43 -47.16	79.01 1.60 -51.52	53.23 2.70 -10.50	42.28 3.01 0.00	33.14 2.41 -0.68	35.46 2.50 -4.42	51.53 2.80 -17.76	45.87 3.03 -10.00	38.77 3.28 -0.09	110.18 3.19 -72.87	176.86 3.00 -141.02	171.96 3.21 -133.34	410.61 3.52 -367.34	384.89 3.25 -339.80	396.59 3.83 -344.92	356.03 3.53 -304.21	164.06 3.29 -109.27	165.50 2.81 -121.27	82.42 3.08 -38.59	82.15 2.69 -43.62
FRANKLIN_FALL_HYD 24054	36.76 0.64 0.00	31.31 0.29 0.00	26.31 0.17 0.00	24.19 -0.02 0.00	23.63 -0.14 0.00	25.76 -0.14 0.00	40.09 0.06 0.00	39.64 0.37 0.00	30.28 0.23 0.00	28.72 0.18 0.00	31.18 0.21 0.00	32.87 0.03 0.00	35.16 -0.25 0.00	33.55 -0.56 -11.52	43.83 -0.54 -31.02	65.97 -0.46 -19.21	58.93 -0.03 0.00	42.36 0.52 0.00	49.25 1.42 0.00	49.93 1.65 0.00	53.65 2.16 0.00	42.98 1.56 0.00	41.99 1.24 0.00	36.64 0.79 0.00

FREEPORT_EQUS_GT1 23764	38.24 2.11 -0.02	32.66 1.64 0.00	41.37 1.17 -14.05	31.68 1.08 -6.39	44.37 1.17 -19.43	48.43 1.30 -21.23	46.57 2.21 -4.33	41.84 2.57 0.00	32.81 2.08 -0.68	34.23 2.15 -3.54	46.51 2.30 -13.25	39.45 2.49 -4.12	38.26 2.79 -0.06	53.22 2.68 -16.42	58.65 2.45 -23.35	60.09 2.76 -21.93	108.68 2.89 -66.04	102.46 2.73 -57.89	107.67 3.12 -56.72	101.18 2.87 -50.03	70.66 2.65 -16.51	67.34 2.45 -23.46	60.65 2.63 -17.28	56.61 2.28 -18.49
FREEPORT___CT2 23818	38.24 2.11 -0.02	32.66 1.64 0.00	41.37 1.17 -14.05	31.68 1.08 -6.39	44.37 1.17 -19.43	48.43 1.30 -21.23	46.57 2.21 -4.33	41.84 2.57 0.00	32.81 2.08 -0.68	34.23 2.15 -3.54	46.51 2.30 -13.25	39.45 2.49 -4.12	38.26 2.79 -0.06	53.22 2.68 -16.42	58.65 2.45 -23.35	60.09 2.76 -21.93	108.68 2.89 -66.04	102.46 2.73 -57.89	107.67 3.12 -56.72	101.18 2.87 -50.03	70.66 2.65 -16.51	67.34 2.45 -23.46	60.65 2.63 -17.28	56.61 2.28 -18.49
FRESHKLS_33_KV_LOAD 356253	37.82 1.70 0.00	32.39 1.38 0.00	27.17 1.03 0.00	25.15 0.94 0.00	24.72 0.95 0.00	27.02 1.12 0.00	41.73 1.71 0.00	41.30 2.03 0.00	32.48 1.74 -0.68	32.12 1.88 -1.70	33.06 2.09 0.00	35.20 2.36 0.00	38.12 2.67 -0.05	36.71 2.60 0.00	35.27 2.43 0.00	38.13 2.73 0.00	42.51 2.75 0.00	44.14 2.30 0.00	50.39 2.57 0.00	50.60 2.31 0.00	53.40 1.91 0.00	43.29 1.86 0.00	43.02 2.26 0.00	37.95 2.11 0.00
FULTON COGEN____ 23766	35.46 -0.66 0.00	30.44 -0.58 0.00	25.66 -0.48 0.00	23.78 -0.43 0.00	23.36 -0.41 0.00	25.47 -0.43 0.00	39.30 -0.72 0.00	38.47 -0.80 0.00	29.48 -0.58 0.00	27.98 -0.57 0.00	30.33 -0.63 0.00	32.18 -0.66 0.00	34.72 -0.68 0.00	33.57 -0.54 0.00	32.35 -0.49 0.00	34.76 -0.63 0.00	39.03 -0.73 0.00	41.08 -0.76 0.00	46.89 -0.93 0.00	47.51 -0.88 -0.10	50.65 -1.02 -0.17	40.55 -0.88 0.00	39.89 -0.86 0.00	35.07 -0.77 0.00
FULTON___LFGE 323630	37.51 1.40 0.00	32.20 1.18 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.93 1.03 0.00	41.86 1.83 0.00	41.28 2.01 0.00	30.80 0.63 -0.12	29.13 0.29 -0.30	31.05 0.09 0.00	32.93 0.09 0.00	35.57 0.19 0.03	34.36 0.25 0.00	33.30 0.46 0.00	35.95 0.54 0.00	41.01 1.26 0.00	43.84 2.00 0.00	50.27 2.44 0.00	50.81 2.52 0.00	54.10 2.61 0.00	43.40 1.98 0.00	42.65 1.90 0.00	37.42 1.58 0.00
G.F.CEMENT___DRP 24184	38.56 2.44 0.00	33.10 2.09 0.00	27.85 1.71 0.00	25.81 1.60 0.00	25.41 1.65 0.00	27.75 1.86 0.00	43.00 2.98 0.00	42.33 3.06 0.00	32.27 2.09 -0.12	30.53 1.67 -0.32	32.41 1.45 0.00	34.35 1.51 0.00	37.12 1.76 0.05	35.74 1.62 0.00	34.57 1.73 0.00	37.66 2.25 0.00	42.31 2.56 0.00	44.73 2.89 0.00	51.94 4.12 0.00	52.34 4.06 0.00	55.47 3.98 0.00	44.52 3.10 0.00	43.69 2.94 0.00	38.34 2.50 0.00
GARDENVILLE___LBMP 24039	34.97 -1.14 0.00	30.10 -0.91 0.00	25.33 -0.82 0.00	23.38 -0.83 0.00	22.92 -0.85 0.00	25.15 -0.75 0.00	38.77 -1.26 0.00	37.86 -1.41 0.00	28.88 -1.18 0.00	27.62 -0.93 0.00	30.21 -0.75 0.00	32.07 -0.77 0.00	34.33 -1.07 0.00	32.95 -1.17 0.00	31.67 -1.17 0.00	33.47 -1.93 0.00	37.73 -2.02 0.00	40.16 -1.68 0.00	45.70 -2.13 0.00	46.68 -1.60 0.00	50.12 -1.38 0.00	39.79 -1.63 0.00	39.57 -1.18 0.00	34.46 -1.38 0.00
GARDNVLA_35_KV_LD 355827	35.12 -1.00 0.00	30.24 -0.78 0.00	25.44 -0.71 0.00	23.47 -0.74 0.00	23.00 -0.77 0.00	25.25 -0.65 0.00	38.93 -1.09 0.00	38.03 -1.24 0.00	29.01 -1.05 0.00	27.74 -0.80 0.00	30.33 -0.63 0.00	32.19 -0.65 0.00	34.46 -0.94 0.00	33.08 -1.04 0.00	31.80 -1.05 0.00	33.60 -1.80 0.00	37.89 -1.87 0.00	40.33 -1.51 0.00	45.88 -1.95 0.00	46.88 -1.41 0.00	50.33 -1.16 0.00	39.96 -1.47 0.00	39.71 -1.05 0.00	34.57 -1.27 0.00
GELCKHM___115KV_LOAD 80723	35.63 -0.49 0.00	30.59 -0.43 0.00	25.79 -0.36 0.00	23.91 -0.31 0.00	23.48 -0.29 0.00	25.60 -0.29 0.00	39.53 -0.49 0.00	38.70 -0.57 0.00	29.65 -0.41 0.00	28.15 -0.40 0.00	30.55 -0.42 0.00	32.42 -0.42 0.00	35.00 -0.40 0.00	33.83 -0.29 0.00	32.58 -0.26 0.00	34.99 -0.41 0.00	39.27 -0.48 0.00	41.38 -0.45 0.00	47.23 -0.59 0.00	47.78 -0.54 -0.03	50.88 -0.68 -0.06	40.80 -0.62 0.00	40.16 -0.59 0.00	35.28 -0.56 0.00
GENERAL___MILLS 23808	35.06 -1.05 0.00	30.19 -0.83 0.00	25.39 -0.75 0.00	23.44 -0.77 0.00	22.97 -0.80 0.00	25.21 -0.69 0.00	38.87 -1.15 0.00	37.95 -1.32 0.00	28.95 -1.10 0.00	27.69 -0.86 0.00	30.28 -0.68 0.00	32.14 -0.70 0.00	34.40 -1.01 0.00	33.01 -1.11 0.00	31.74 -1.10 0.00	33.54 -1.86 0.00	37.81 -1.94 0.00	40.24 -1.60 0.00	45.79 -2.03 0.00	46.78 -1.50 0.00	50.23 -1.26 0.00	39.88 -1.54 0.00	39.65 -1.10 0.00	34.52 -1.32 0.00
GE_PLASTICS___DRP 24183	36.48 0.36 0.00	31.39 0.37 0.00	26.50 0.36 0.00	24.60 0.39 0.00	24.21 0.44 0.00	26.33 0.43 0.00	40.58 0.55 0.00	39.88 0.61 0.00	30.70 0.53 -0.12	29.33 0.49 -0.30	31.44 0.47 0.00	33.32 0.48 0.00	35.95 0.57 0.03	34.65 0.53 0.00	33.36 0.51 0.00	36.11 0.71 0.00	40.40 0.65 0.00	42.42 0.58 0.00	48.64 0.81 0.00	48.94 0.66 0.00	51.91 0.42 0.00	41.86 0.44 0.00	41.18 0.43 0.00	36.31 0.47 0.00
GILBOA___1 23756	36.72 0.61 0.00	31.59 0.56 0.00	26.75 0.60 0.00	24.79 0.58 0.00	24.34 0.57 0.00	26.38 0.49 0.00	40.72 0.70 0.00	40.03 0.76 0.00	30.68 0.62 0.00	29.18 0.63 0.00	31.65 0.68 0.00	33.57 0.73 0.00	36.26 0.85 0.00	34.92 0.80 0.00	33.56 0.72 0.00	36.25 0.85 0.00	40.60 0.85 0.00	42.56 0.72 0.00	48.68 0.86 0.00	48.94 0.66 0.00	51.93 0.44 0.00	41.93 0.50 0.00	41.34 0.59 0.00	36.51 0.67 0.00
GILBOA___2 23757	36.72 0.61 0.00	31.59 0.56 0.00	26.75 0.60 0.00	24.79 0.58 0.00	24.34 0.57 0.00	26.38 0.49 0.00	40.72 0.70 0.00	40.03 0.76 0.00	30.68 0.62 0.00	29.18 0.63 0.00	31.65 0.68 0.00	33.57 0.73 0.00	36.26 0.85 0.00	34.92 0.80 0.00	33.56 0.72 0.00	36.25 0.85 0.00	40.60 0.85 0.00	42.56 0.72 0.00	48.68 0.86 0.00	48.94 0.66 0.00	51.93 0.44 0.00	41.93 0.50 0.00	41.34 0.59 0.00	36.51 0.67 0.00
GILBOA___3 23758	36.72 0.61 0.00	31.59 0.56 0.00	26.75 0.60 0.00	24.79 0.58 0.00	24.34 0.57 0.00	26.38 0.49 0.00	40.72 0.70 0.00	40.03 0.76 0.00	30.68 0.62 0.00	29.18 0.63 0.00	31.65 0.68 0.00	33.57 0.73 0.00	36.26 0.85 0.00	34.92 0.80 0.00	33.56 0.72 0.00	36.25 0.85 0.00	40.60 0.85 0.00	42.56 0.72 0.00	48.68 0.86 0.00	48.94 0.66 0.00	51.93 0.44 0.00	41.93 0.50 0.00	41.34 0.59 0.00	36.51 0.67 0.00
GILBOA___4 23759	36.72 0.61 0.00	31.59 0.56 0.00	26.75 0.60 0.00	24.79 0.58 0.00	24.34 0.57 0.00	26.38 0.49 0.00	40.72 0.70 0.00	40.03 0.76 0.00	30.68 0.62 0.00	29.18 0.63 0.00	31.65 0.68 0.00	33.57 0.73 0.00	36.26 0.85 0.00	34.92 0.80 0.00	33.56 0.72 0.00	36.25 0.85 0.00	40.60 0.85 0.00	42.56 0.72 0.00	48.68 0.86 0.00	48.94 0.66 0.00	51.93 0.44 0.00	41.93 0.50 0.00	41.34 0.59 0.00	36.51 0.67 0.00

GILBOA____ 23599	36.73 0.61 0.00	31.59 0.56 0.00	26.75 0.60 0.00	24.78 0.58 0.00	24.34 0.57 0.00	26.38 0.49 0.00	40.72 0.70 0.00	40.03 0.76 0.00	30.69 0.63 0.00	29.18 0.63 0.00	31.65 0.69 0.00	33.57 0.73 0.00	36.25 0.85 0.00	34.92 0.81 0.00	33.56 0.72 0.00	36.25 0.85 0.00	40.60 0.84 0.00	42.56 0.72 0.00	48.68 0.86 0.00	48.94 0.66 0.00	51.94 0.44 0.00	41.92 0.50 0.00	41.34 0.59 0.00	36.51 0.67 0.00
GINNA____ 23603	34.30 -1.81 0.00	29.47 -1.55 0.00	24.81 -1.33 0.00	22.95 -1.26 0.00	22.52 -1.25 0.00	24.63 -1.27 0.00	38.10 -1.93 0.00	37.30 -1.97 0.00	28.50 -1.56 0.00	27.16 -1.38 0.00	29.63 -1.33 0.00	31.44 -1.40 0.00	33.78 -1.62 0.00	32.54 -1.58 0.00	31.32 -1.53 0.00	33.37 -2.03 0.00	37.50 -2.26 0.00	39.69 -2.15 0.00	45.24 -2.58 0.00	45.91 -2.38 0.00	48.99 -2.50 0.00	39.14 -2.28 0.00	38.54 -2.22 0.00	33.73 -2.11 0.00
GLEN PARK____ 23778	36.50 0.38 0.00	31.17 0.16 0.00	26.25 0.10 0.00	24.31 0.10 0.00	23.87 0.10 0.00	26.25 0.36 0.00	40.95 0.93 0.00	40.05 0.78 0.00	30.54 0.48 0.00	28.87 0.32 0.00	30.60 -0.36 0.00	32.04 -0.80 0.00	34.67 -0.73 0.00	33.14 -0.98 0.00	33.98 0.45 -0.68	37.76 0.53 -1.83	42.80 1.91 -1.14	44.15 2.31 0.00	50.52 2.70 0.00	51.63 3.32 -0.03	55.83 4.28 -0.06	44.35 2.93 0.00	42.93 2.18 0.00	37.29 1.45 0.00
GLENDALE_27_KV_LOAD 356172	37.89 1.77 0.00	32.44 1.42 0.00	27.19 1.05 0.00	25.16 0.95 0.00	24.73 0.96 0.00	27.04 1.14 0.00	41.94 1.92 0.00	41.48 2.21 0.00	32.63 1.90 -0.68	32.32 2.08 -1.70	33.29 2.33 0.00	35.42 2.58 0.00	38.37 2.91 -0.05	36.94 2.82 0.00	35.43 2.59 0.00	38.31 2.91 0.00	42.75 3.00 0.00	44.55 2.71 0.00	50.80 2.98 0.00	51.04 2.76 0.00	53.86 2.36 0.00	43.58 2.16 0.00	43.07 2.32 0.00	37.87 2.03 0.00
GLENWOOD_IC_1_G5 23712	38.06 1.94 -0.01	32.53 1.51 0.00	43.33 1.11 -16.08	30.64 1.04 -5.39	41.24 1.08 -16.39	45.03 1.22 -17.92	45.73 2.05 -3.65	41.60 2.33 0.00	32.66 1.93 -0.68	34.48 2.04 -3.90	49.62 2.25 -16.41	38.75 2.44 -3.47	38.21 2.74 -0.06	58.22 2.61 -21.49	69.75 2.35 -34.56	70.73 2.72 -32.61	139.54 2.89 -96.89	130.19 2.72 -85.63	135.21 3.02 -84.37	125.45 2.76 -74.41	78.67 2.28 -24.90	74.48 2.06 -31.00	58.86 2.32 -15.79	54.52 2.12 -16.56
GLENWOOD_IC_2_G1 23688	37.83 1.71 0.00	32.36 1.34 0.00	27.65 0.99 -0.52	25.27 0.91 -0.15	25.17 0.96 -0.44	27.46 1.08 -0.48	41.94 1.82 -0.10	41.34 2.07 0.00	32.46 1.72 -0.68	32.16 1.84 -1.78	33.69 2.05 -0.68	35.17 2.23 -0.09	37.94 2.48 -0.05	37.23 2.43 -0.68	36.13 2.24 -1.05	38.95 2.56 -0.99	45.52 2.71 -3.06	47.00 2.52 -2.64	53.20 2.81 -2.56	53.09 2.55 -2.26	54.42 2.20 -0.73	44.31 1.96 -0.92	43.38 2.15 -0.48	38.23 1.90 -0.49
GLENWOOD_IC_3_G1 23689	37.83 1.71 0.00	32.36 1.34 0.00	27.65 0.99 -0.52	25.27 0.91 -0.15	25.17 0.96 -0.44	27.46 1.08 -0.48	41.94 1.82 -0.10	41.34 2.07 0.00	32.46 1.72 -0.68	32.16 1.84 -1.78	33.69 2.05 -0.68	35.17 2.23 -0.09	37.94 2.48 -0.05	37.23 2.43 -0.68	36.13 2.24 -1.05	38.95 2.56 -0.99	45.52 2.71 -3.06	47.00 2.52 -2.64	53.20 2.81 -2.56	53.09 2.55 -2.26	54.42 2.20 -0.73	44.31 1.96 -0.92	43.38 2.15 -0.48	38.23 1.90 -0.49
GLENWOOD____4 23550	38.06 1.94 -0.01	32.53 1.51 0.00	43.33 1.11 -16.08	30.64 1.04 -5.39	41.24 1.08 -16.39	45.03 1.22 -17.92	45.73 2.05 -3.65	41.60 2.33 0.00	32.66 1.93 -0.68	34.48 2.04 -3.90	49.64 2.27 -16.41	38.77 2.46 -3.47	38.21 2.74 -0.06	58.25 2.64 -21.49	69.80 2.40 -34.56	70.77 2.75 -32.61	139.58 2.94 -96.89	130.23 2.77 -85.63	135.27 3.08 -84.37	125.50 2.81 -74.41	78.79 2.39 -24.90	74.57 2.14 -31.00	58.90 2.36 -15.79	54.52 2.12 -16.56
GLENWOOD____5 23614	38.06 1.94 -0.01	32.53 1.51 0.00	43.33 1.11 -16.08	30.64 1.04 -5.39	41.24 1.08 -16.39	45.03 1.22 -17.92	45.73 2.05 -3.65	41.60 2.33 0.00	32.66 1.93 -0.68	34.48 2.04 -3.90	49.64 2.27 -16.41	38.77 2.46 -3.47	38.21 2.74 -0.06	58.25 2.64 -21.49	69.80 2.40 -34.56	70.77 2.75 -32.61	139.58 2.94 -96.89	130.23 2.77 -85.63	135.27 3.08 -84.37	125.50 2.81 -74.41	78.79 2.39 -24.90	74.57 2.14 -31.00	58.90 2.36 -15.79	54.52 2.12 -16.56
GLOBAL GREEN_PORT_GT1 23814	38.82 2.70 0.00	33.11 2.09 0.00	32.03 1.59 -4.29	26.72 1.52 -1.00	28.43 1.63 -3.03	31.07 1.85 -3.32	43.81 3.11 -0.68	42.83 3.56 0.00	33.52 2.78 -0.68	34.25 2.87 -2.83	43.25 3.29 -8.99	36.78 3.30 -0.64	38.68 3.22 -0.05	41.98 3.10 -4.75	40.67 2.85 -4.98	43.54 3.45 -4.69	61.43 3.76 -17.92	59.35 3.78 -13.74	64.24 4.28 -12.14	63.09 4.10 -10.70	57.54 3.49 -2.55	48.91 2.86 -4.62	48.04 2.98 -4.30	42.28 2.30 -4.14
GLOBE____DSASP 323697	34.45 -1.67 0.00	29.72 -1.30 0.00	25.03 -1.11 0.00	23.06 -1.15 0.00	22.57 -1.20 0.00	24.74 -1.16 0.00	38.06 -1.97 0.00	37.12 -2.15 0.00	28.30 -1.76 0.00	27.01 -1.54 0.00	29.49 -1.48 0.00	31.24 -1.60 0.00	33.32 -2.09 0.00	32.02 -2.10 0.00	30.83 -2.01 0.00	32.46 -2.94 0.00	36.54 -3.21 0.00	38.71 -3.13 0.00	43.98 -3.84 0.00	44.91 -3.37 0.00	48.27 -3.22 0.00	38.40 -3.02 0.00	38.44 -2.31 0.00	33.57 -2.27 0.00
GOETHSLN____LBMP 323567	37.58 1.46 0.00	32.17 1.15 0.00	26.95 0.81 0.00	24.96 0.74 0.00	24.53 0.76 0.00	26.79 0.90 0.00	41.56 1.54 0.00	41.01 1.74 0.00	32.27 1.53 -0.68	31.99 1.74 -1.70	32.93 1.97 0.00	35.00 2.16 0.00	37.88 2.43 -0.05	36.50 2.38 0.00	35.03 2.19 0.00	37.92 2.52 0.00	42.36 2.60 0.00	44.18 2.34 0.00	50.34 2.52 0.00	50.50 2.22 0.00	53.28 1.79 0.00	43.07 1.64 0.00	42.65 1.89 0.00	37.54 1.70 0.00
GOLAH____69_KV_TB 1_2 80279	36.08 -0.04 0.00	31.06 0.04 0.00	26.13 -0.01 0.00	24.13 -0.07 0.00	23.69 -0.07 0.00	25.92 0.02 0.00	40.12 0.10 0.00	39.24 -0.03 0.00	29.89 -0.17 0.00	28.45 -0.10 0.00	31.09 0.12 0.00	33.11 0.27 0.00	35.49 0.09 0.00	34.14 0.02 0.00	32.83 -0.02 0.00	34.81 -0.59 0.00	39.13 -0.62 0.00	41.55 -0.29 0.00	47.35 -0.47 0.00	48.15 -0.14 0.00	51.51 0.02 0.00	41.08 -0.35 0.00	40.53 -0.23 0.00	35.43 -0.42 0.00
GOODYEAR_LAKE_HYD 323669	36.71 0.59 0.00	31.48 0.46 0.00	26.55 0.41 0.00	24.61 0.40 0.00	24.17 0.40 0.00	26.34 0.45 0.00	41.04 1.02 0.00	42.77 3.50 0.00	32.14 1.96 -0.12	30.51 1.67 -0.30	31.98 1.01 0.00	33.54 0.70 0.00	36.15 0.75 0.00	34.91 0.79 0.00	33.58 0.74 0.00	36.23 0.83 0.00	40.82 1.06 0.00	43.03 1.19 0.00	49.12 1.30 0.00	49.73 1.44 -0.01	52.92 1.41 -0.01	42.49 1.07 0.00	41.84 1.09 0.00	36.76 0.91 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.89 -0.23 0.00	30.79 -0.23 0.00	25.93 -0.21 0.00	24.08 -0.13 0.00	23.65 -0.12 0.00	25.81 -0.08 0.00	39.91 -0.11 0.00	39.14 -0.13 0.00	30.00 -0.06 0.00	28.56 0.02 0.00	31.01 0.05 0.00	32.85 0.01 0.00	35.49 0.09 0.00	34.20 0.08 0.00	32.88 0.03 0.00	35.28 -0.12 0.00	39.70 -0.05 0.00	41.86 0.02 0.00	47.74 -0.08 0.00	48.47 0.17 -0.02	51.60 0.07 -0.04	41.30 -0.12 0.00	40.81 0.06 0.00	35.74 -0.10 0.00

GOUDEY___7 23579	35.89 -0.23 0.00	30.79 -0.23 0.00	25.93 -0.21 0.00	24.08 -0.13 0.00	23.65 -0.12 0.00	25.81 -0.08 0.00	39.91 -0.11 0.00	39.14 -0.13 0.00	30.00 -0.06 0.00	28.56 0.02 0.00	31.01 0.05 0.00	32.85 0.01 0.00	35.49 0.09 0.00	34.20 0.08 0.00	32.88 0.03 0.00	35.28 -0.12 0.00	39.70 -0.05 0.00	41.86 0.02 0.00	47.74 -0.08 0.00	48.47 0.17 -0.02	51.60 0.07 -0.04	41.30 -0.12 0.00	40.81 0.06 0.00	35.74 -0.10 0.00
GOUDEY___8 23580	35.89 -0.23 0.00	30.79 -0.23 0.00	25.93 -0.21 0.00	24.08 -0.13 0.00	23.65 -0.12 0.00	25.81 -0.08 0.00	39.91 -0.11 0.00	39.14 -0.13 0.00	30.00 -0.06 0.00	28.56 0.02 0.00	31.01 0.05 0.00	32.85 0.01 0.00	35.49 0.09 0.00	34.20 0.08 0.00	32.88 0.03 0.00	35.28 -0.12 0.00	39.70 -0.05 0.00	41.86 0.02 0.00	47.74 -0.08 0.00	48.47 0.17 -0.02	51.60 0.07 -0.04	41.30 -0.12 0.00	40.81 0.06 0.00	35.74 -0.10 0.00
GOWANUS_GT1_1 24077	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.13 2.68 -0.05	36.73 2.62 0.00	35.27 2.42 0.00	38.14 2.74 0.00	42.56 2.80 0.00	44.28 2.44 0.00	50.44 2.62 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.32 1.90 0.00	42.93 2.18 0.00	37.79 1.94 0.00
GOWANUS_GT1_2 24078	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.13 2.68 -0.05	36.73 2.62 0.00	35.27 2.42 0.00	38.14 2.74 0.00	42.56 2.80 0.00	44.28 2.44 0.00	50.44 2.62 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.32 1.90 0.00	42.93 2.18 0.00	37.79 1.94 0.00
GOWANUS_GT1_3 24079	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.13 2.68 -0.05	36.73 2.62 0.00	35.27 2.42 0.00	38.14 2.74 0.00	42.56 2.80 0.00	44.28 2.44 0.00	50.44 2.62 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.32 1.90 0.00	42.93 2.18 0.00	37.79 1.94 0.00
GOWANUS_GT1_4 24080	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.13 2.68 -0.05	36.73 2.62 0.00	35.27 2.42 0.00	38.14 2.74 0.00	42.56 2.80 0.00	44.28 2.44 0.00	50.44 2.62 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.32 1.90 0.00	42.93 2.18 0.00	37.79 1.94 0.00
GOWANUS_GT1_5 24084	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.13 2.68 -0.05	36.73 2.62 0.00	35.27 2.42 0.00	38.14 2.74 0.00	42.56 2.80 0.00	44.28 2.44 0.00	50.44 2.62 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.32 1.90 0.00	42.93 2.18 0.00	37.79 1.94 0.00
GOWANUS_GT1_6 24111	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00																

GOWANUS_GT2_6 24119	37.78 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.12 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.67 <u>0.90</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.14 <u>2.69</u> -0.05	36.75 <u>2.63</u> 0.00	35.29 <u>2.44</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.81</u> 0.00	44.26 <u>2.42</u> 0.00	50.44 <u>2.61</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.31 <u>1.89</u> 0.00	42.93 <u>2.18</u> 0.00	37.78 <u>1.94</u> 0.00
GOWANUS_GT2_7 24120	37.78 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.12 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.67 <u>0.90</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.14 <u>2.69</u> -0.05	36.75 <u>2.63</u> 0.00	35.29 <u>2.44</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.81</u> 0.00	44.26 <u>2.42</u> 0.00	50.44 <u>2.61</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.31 <u>1.89</u> 0.00	42.93 <u>2.18</u> 0.00	37.78 <u>1.94</u> 0.00
GOWANUS_GT2_8 24121	37.78 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.12 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.67 <u>0.90</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.14 <u>2.69</u> -0.05	36.75 <u>2.63</u> 0.00	35.29 <u>2.44</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.81</u> 0.00	44.26 <u>2.42</u> 0.00	50.44 <u>2.61</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.31 <u>1.89</u> 0.00	42.93 <u>2.18</u> 0.00	37.78 <u>1.94</u> 0.00
GOWANUS_GT3_1 24122	37.78 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.12 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.67 <u>0.90</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.14 <u>2.69</u> -0.05	36.75 <u>2.63</u> 0.00	35.29 <u>2.44</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.81</u> 0.00	44.26 <u>2.42</u> 0.00	50.44 <u>2.61</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.31 <u>1.89</u> 0.00	42.93 <u>2.18</u> 0.00	37.78 <u>1.94</u> 0.00
GOWANUS_GT3_2 24123	37.78 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.12 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.67 <u>0.90</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.14 <u>2.69</u> -0.05	36.75 <u>2.63</u> 0.00	35.29 <u>2.44</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.81</u> 0.00	44.26 <u>2.42</u> 0.00	50.44 <u>2.61</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.31 <u>1.89</u> 0.00	42.93 <u>2.18</u> 0.00	37.78 <u>1.94</u> 0.00
GOWANUS_GT3_3 24124	37.78 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.12 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.67 <u>0.90</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.14 <u>2.69</u> -0.05	36.75 <u>2.63</u> 0.00	35.29 <u>2.44</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.81</u> 0.00	44.26 <u>2.42</u> 0.00	50.44 <u>2.61</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.31 <u>1.89</u> 0.00	42.93 <u>2.18</u> 0.00	37.78 <u>1.94</u> 0.00
GOWANUS_GT3_4 24125	37.78 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.12 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.67 <u>0.90</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.14 <u>2.69</u> -0.05	36.75 <u>2.63</u> 0.00	35.29 <u>2.44</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.81</u> 0.00	44.26 <u>2.42</u> 0.00	50.44 <u>2.61</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.31 <u>1.89</u> 0.00	42.93 <u>2.18</u> 0.00	37.78 <u>1.94</u> 0.00
GOWANUS_GT3_5 24126	37.78 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.12 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.67 <u>0.90</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.14 <u>2.69</u> -0.05	36.75 <u>2.63</u> 0.00	35.29 <u>2.44</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.81</u> 0.00	44.26 <u>2.42</u> 0.00	50.44 <u>2.61</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.31 <u>1.89</u> 0.00	42.93 <u>2.18</u> 0.00	37.78 <u>1.94</u> 0.00
GOWANUS_GT3_6 24127	37.78 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.12 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.67 <u>0.90</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.14 <u>2.69</u> -0.05	36.75 <u>2.63</u> 0.00	35.29 <u>2.44</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.81</u> 0.00	44.26 <u>2.42</u> 0.00	50.44 <u>2.61</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.31 <u>1.89</u> 0.00	42.93 <u>2.18</u> 0.00	37.78 <u>1.94</u> 0.00
GOWANUS_GT3_7 24128	37.78 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.12 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.67 <u>0.90</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.14 <u>2.69</u> -0.05	36.75 <u>2.63</u> 0.00	35.29 <u>2.44</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.81</u> 0.00	44.26 <u>2.42</u> 0.00	50.44 <u>2.61</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.31 <u>1.89</u> 0.00	42.93 <u>2.18</u> 0.00	37.78 <u>1.94</u> 0.00
GOWANUS_GT3_8 24129	37.78 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.12 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.67 <u>0.90</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.14 <u>2.69</u> -0.05	36.75 <u>2.63</u> 0.00	35.29 <u>2.44</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.81</u> 0.00	44.26 <u>2.42</u> 0.00	50.44 <u>2.61</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.31 <u>1.89</u> 0.00	42.93 <u>2.18</u> 0.00	37.78 <u>1.94</u> 0.00
GOWANUS_GT4_1 24130	37.79 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.11 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.66 <u>0.89</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.13 <u>2.68</u> -0.05	36.73 <u>2.62</u> 0.00	35.27 <u>2.42</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.80</u> 0.00	44.28 <u>2.44</u> 0.00	50.44 <u>2.62</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.32 <u>1.90</u> 0.00	42.93 <u>2.18</u> 0.00	37.79 <u>1.94</u> 0.00
GOWANUS_GT4_2 24131	37.79 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.11 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.66 <u>0.89</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.13 <u>2.68</u> -0.05	36.73 <u>2.62</u> 0.00	35.27 <u>2.42</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.80</u> 0.00	44.28 <u>2.44</u> 0.00	50.44 <u>2.62</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.32 <u>1.90</u> 0.00	42.93 <u>2.18</u> 0.00	37.79 <u>1.94</u> 0.00
GOWANUS_GT4_3 24132	37.79 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.11 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.66 <u>0.89</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.13 <u>2.68</u> -0.05	36.73 <u>2.62</u> 0.00	35.27 <u>2.42</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.80</u> 0.00	44.28 <u>2.44</u> 0.00	50.44 <u>2.62</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.32 <u>1.90</u> 0.00	42.93 <u>2.18</u> 0.00	37.79 <u>1.94</u> 0.00
GOWANUS_GT4_4 24133	37.79 <u>1.67</u> 0.00	32.35 <u>1.33</u> 0.00	27.11 <u>0.97</u> 0.00	25.09 <u>0.88</u> 0.00	24.66 <u>0.89</u> 0.00	26.96 <u>1.06</u> 0.00	41.76 <u>1.74</u> 0.00	41.29 <u>2.02</u> 0.00	32.48 <u>1.74</u> -0.68	32.16 <u>1.92</u> -1.70	33.12 <u>2.16</u> 0.00	35.24 <u>2.40</u> 0.00	38.13 <u>2.68</u> -0.05	36.73 <u>2.62</u> 0.00	35.27 <u>2.42</u> 0.00	38.14 <u>2.74</u> 0.00	42.56 <u>2.80</u> 0.00	44.28 <u>2.44</u> 0.00	50.44 <u>2.62</u> 0.00	50.69 <u>2.40</u> 0.00	53.50 <u>2.01</u> 0.00	43.32 <u>1.90</u> 0.00	42.93 <u>2.18</u> 0.00	37.79 <u>1.94</u> 0.00

GOWANUS_GT4_5 24134	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.13 2.68 -0.05	36.73 2.62 0.00	35.27 2.42 0.00	38.14 2.74 0.00	42.56 2.80 0.00	44.28 2.44 0.00	50.44 2.62 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.32 1.90 0.00	42.93 2.18 0.00	37.79 1.94 0.00
GOWANUS_GT4_6 24135	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.13 2.68 -0.05	36.73 2.62 0.00	35.27 2.42 0.00	38.14 2.74 0.00	42.56 2.80 0.00	44.28 2.44 0.00	50.44 2.62 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.32 1.90 0.00	42.93 2.18 0.00	37.79 1.94 0.00
GOWANUS_GT4_7 24136	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.13 2.68 -0.05	36.73 2.62 0.00	35.27 2.42 0.00	38.14 2.74 0.00	42.56 2.80 0.00	44.28 2.44 0.00	50.44 2.62 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.32 1.90 0.00	42.93 2.18 0.00	37.79 1.94 0.00
GOWANUS_GT4_8 24137	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.13 2.68 -0.05	36.73 2.62 0.00	35.27 2.42 0.00	38.14 2.74 0.00	42.56 2.80 0.00	44.28 2.44 0.00	50.44 2.62 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.32 1.90 0.00	42.93 2.18 0.00	37.79 1.94 0.00
GREATVRV_69_KV_BK1 356245	38.52 2.41 0.00	32.84 1.82 0.00	32.44 1.34 -4.97	26.79 1.26 -1.32	29.15 1.35 -4.03	31.83 1.52 -4.41	43.49 2.56 -0.90	42.27 3.00 0.00	33.11 2.37 -0.68	33.88 2.46 -2.88	43.07 2.79 -9.32	36.60 2.90 -0.85	38.46 3.01 -0.05	42.54 2.86 -5.56	41.78 2.64 -6.30	44.35 3.01 -5.93	64.41 3.26 -21.40	62.01 3.24 -16.92	66.88 3.70 -15.35	65.38 3.56 -13.54	58.31 3.26 -3.56	50.24 2.84 -5.98	48.83 2.97 -5.11	43.46 2.60 -5.02
GREENBSH_115KV_TB3 55895	36.19 0.07 0.00	31.17 0.15 0.00	26.33 0.19 0.00	24.49 0.28 0.00	24.12 0.35 0.00	26.25 0.35 0.00	40.38 0.35 0.00	39.66 0.40 0.00	30.60 0.41 -0.13	29.25 0.37 -0.33	31.29 0.33 0.00	33.13 0.29 0.00	35.73 0.37 0.04	34.47 0.35 0.00	33.21 0.37 0.00	35.97 0.58 0.00	40.23 0.48 0.00	42.23 0.39 0.00	48.46 0.64 0.00	48.74 0.46 0.00	51.67 0.18 0.00	41.67 0.24 0.00	40.96 0.21 0.00	36.11 0.27 0.00
GREENDGE_115KV_TB5 80291	35.64 -0.48 0.00	30.58 -0.44 0.00	25.74 -0.41 0.00	23.88 -0.33 0.00	23.47 -0.30 0.00	25.71 -0.19 0.00	39.72 -0.30 0.00	38.95 -0.32 0.00	29.68 -0.37 0.00	28.15 -0.40 0.00	30.61 -0.35 0.00	32.40 -0.44 0.00	35.24 -0.17 0.00	34.10 -0.02 0.00	32.70 -0.15 0.00	34.86 -0.54 0.00	39.32 -0.43 0.00	41.55 -0.29 0.00	47.43 -0.39 0.00	48.35 0.04 -0.02	51.54 0.02 -0.03	41.25 -0.17 0.00	40.67 -0.08 0.00	35.63 -0.21 0.00
GREENIDGE___3 23582	35.64 -0.48 0.00	30.58 -0.44 0.00	25.74 -0.41 0.00	23.88 -0.33 0.00	23.47 -0.30 0.00	25.71 -0.19 0.00	39.72 -0.30 0.00	38.95 -0.32 0.00	29.68 -0.37 0.00	28.15 -0.40 0.00	30.61 -0.35 0.00	32.40 -0.44 0.00	35.24 -0.17 0.00	34.10 -0.02 0.00	32.70 -0.15 0.00	34.86 -0.54 0.00	39.32 -0.43 0.00	41.55 -0.29 0.00	47.43 -0.39 0.00	48.35 0.04 -0.02	51.54 0.02 -0.03	41.25 -0.17 0.00	40.67 -0.08 0.00	35.63 -0.21 0.00
GREENIDGE___4 23583	35.64 -0.48 0.00	30.58 -0.44 0.00	25.74 -0.41 0.00	23.88 -0.33 0.00	23.47 -0.30 0.00	25.71 -0.19 0.00	39.72 -0.30 0.00	38.95 -0.32 0.00	29.68 -0.37 0.00	28.15 -0.40 0.00	30.61 -0.35 0.00	32.40 -0.44 0.00	35.22 -0.19 0.00	34.09 -0.03 0.00	32.68 -0.16 0.00	34.86 -0.54 0.00	39.31 -0.44 0.00	41.56 -0.28 0.00	47.43 -0.39 0.00	48.35 0.04 -0.02	51.54 0.02 -0.03	41.24 -0.18 0.00	40.67 -0.08 0.00	35.64 -0.21 0.00
GREENLWN_69_KV_BK 3 55738	38.17 2.06 0.00	32.57 1.55 0.00	32.02 1.12 -4.76	26.47 1.06 -1.20	28.56 1.15 -3.64	31.15 1.27 -3.99	42.99 2.16 -0.81	41.80 2.52 0.00	32.78 2.04 -0.68	33.57 2.15 -2.87	42.65 2.45 -9.24	36.21 2.60 -0.77	38.22 2.76 -0.05	42.23 2.68 -5.43	41.49 2.49 -6.16	44.00 2.79 -5.81	63.81 3.01 -21.05	61.33 2.89 -16.61	66.11 3.26 -15.03	64.53 2.99 -13.26	57.67 2.72 -3.46	49.50 2.42 -5.66	48.09 2.53 -4.81	42.74 2.22 -4.68
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.13 2.68 -0.05	36.73 2.62 0.00	35.27 2.42 0.00	38.14 2.74 0.00	42.56 2.80 0.00	44.28 2.44 0.00	50.44 2.62 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.32 1.90 0.00	42.93 2.18 0.00	37.79 1.94 0.00
GRISSOM___SOLAR 323813	37.56 1.45 0.00	32.24 1.22 0.00	27.15 1.01 0.00	25.12 0.91 0.00	24.71 0.94 0.00	26.95 1.06 0.00	41.89 1.87 0.00	41.21 1.94 0.00	30.69 0.52 -0.12	29.04 0.20 -0.30	30.88 -0.09 0.00	32.86 0.02 0.00	35.56 0.19 0.03	34.33 0.21 0.00	33.30 0.46 0.00	35.92 0.52 0.00	41.01 1.26 0.00	43.85 2.01 0.00	50.31 2.49 0.00	50.82 2.54 0.00	54.09 2.60 0.00	43.41 1.98 0.00	42.66 1.90 0.00	37.45 1.61 0.00
GROVEVILLE___HYD 323602	37.70 1.58 0.00	32.32 1.30 0.00	27.13 0.99 0.00	25.12 0.92 0.00	24.70 0.93 0.00	26.95 1.06 0.00	41.80 1.78 0.00	41.31 2.04 0.00	31.89 1.66 -0.17	31.21 1.80 -0.86	32.94 1.97 0.00	34.88 2.04 0.00	37.77 2.32 -0.04	36.40 2.29 0.00	34.99 2.15 0.00	37.92 2.52 0.00	42.49 2.74 0.00	44.52 2.68 0.00	50.81 2.98 0.00	51.07 2.79 0.00	53.96 2.47 0.00	43.49 2.07 0.00	42.91 2.16 0.00	37.72 1.88 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.85 -0.27 0.00	30.77 -0.26 0.00	25.94 -0.20 0.00	24.06 -0.15 0.00	23.63 -0.14 0.00	25.77 -0.12 0.00	39.81 -0.21 0.00	38.97 -0.30 0.00	29.83 -0.22 0.00	28.31 -0.24 0.00	30.72 -0.24 0.00	32.60 -0.24 0.00	35.23 -0.18 0.00	34.08 -0.04 0.00	32.80 -0.05 0.00	35.22 -0.18 0.00	39.53 -0.23 0.00	41.68 -0.16 0.00	47.57 -0.26 0.00	48.15 -0.19 -0.05	51.25 -0.33 -0.09	41.08 -0.35 0.00	40.44 -0.32 0.00	35.50 -0.34 0.00
HAMLTNNY_34_KV_TB 80303	35.96 -0.16 0.00	30.87 -0.15 0.00	26.02 -0.13 0.00	24.13 -0.08 0.00	23.70 -0.07 0.00	25.87 -0.03 0.00	39.98 -0.05 0.00	39.14 -0.13 0.00	29.93 -0.13 0.00	28.40 -0.14 0.00	30.87 -0.09 0.00	32.76 -0.08 0.00	35.38 -0.03 0.00	34.21 0.09 0.00	32.88 0.04 0.00	35.22 -0.18 0.00	39.49 -0.26 0.00	41.74 -0.10 0.00	47.64 -0.18 0.00	48.24 -0.09 -0.05	51.40 -0.18 -0.09	41.16 -0.26 0.00	40.53 -0.23 0.00	35.57 -0.27 0.00

HAMPSHIRE___PAPER_HYD 323593	36.32 0.20 0.00	31.10 0.08 0.00	26.25 0.10 0.00	24.27 0.06 0.00	23.79 0.02 0.00	26.10 0.20 0.00	40.58 0.56 0.00	39.77 0.51 0.00	30.25 0.19 0.00	28.57 0.02 0.00	30.67 -0.30 0.00	32.34 -0.50 0.00	34.79 -0.62 0.00	33.45 -0.67 0.00	34.58 -0.04 -1.78	40.34 0.16 -4.78	43.71 1.00 -2.96	42.94 1.10 0.00	49.34 1.52 0.00	50.22 1.92 -0.01	54.08 2.57 -0.02	43.26 1.83 0.00	42.16 1.41 0.00	36.75 0.91 0.00
HARDSCRABBLE_WT_PWR 323673	36.99 0.87 0.00	31.73 0.71 0.00	26.79 0.64 0.00	24.85 0.64 0.00	24.43 0.66 0.00	26.64 0.74 0.00	41.03 1.00 0.00	40.15 0.88 0.00	30.36 0.30 0.00	28.66 0.12 0.00	30.88 -0.08 0.00	32.85 0.01 0.00	35.44 0.03 0.00	34.11 -0.01 0.00	32.94 0.09 0.00	35.82 0.42 0.00	40.44 0.68 0.00	42.98 1.14 0.00	49.43 1.61 0.00	49.86 1.58 0.00	52.93 1.43 0.00	42.48 1.06 0.00	41.95 1.20 0.00	36.87 1.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.37 1.25 0.00	32.01 0.99 0.00	26.89 0.74 0.00	24.92 0.71 0.00	24.48 0.71 0.00	26.73 0.83 0.00	41.42 1.39 0.00	40.77 1.51 0.00	30.51 1.27 0.82	27.86 1.39 2.07	32.55 1.59 0.00	34.61 1.77 0.00	37.44 2.00 -0.04	36.10 1.99 0.00	34.69 1.84 0.00	37.61 2.20 0.00	42.09 2.34 0.00	44.10 2.26 0.00	50.27 2.44 0.00	50.46 2.18 0.00	53.35 1.86 0.00	43.04 1.61 0.00	42.51 1.76 0.00	37.39 1.55 0.00
HARSNRAD_115KV_TB1 81005	34.99 -1.13 0.00	30.17 -0.86 0.00	25.39 -0.75 0.00	23.40 -0.81 0.00	22.92 -0.85 0.00	25.13 -0.77 0.00	38.70 -1.32 0.00	37.68 -1.59 0.00	28.70 -1.36 0.00	27.42 -1.13 0.00	29.98 -0.98 0.00	31.78 -1.06 0.00	33.91 -1.49 0.00	32.58 -1.54 0.00	31.34 -1.51 0.00	33.00 -2.40 0.00	37.13 -2.62 0.00	39.59 -2.25 0.00	45.05 -2.77 0.00	46.03 -2.25 0.00	49.48 -2.01 0.00	39.34 -2.08 0.00	39.14 -1.61 0.00	34.18 -1.66 0.00
HARZA MOOSE___RIVER 24016	36.24 0.13 0.00	31.05 0.03 0.00	26.18 0.03 0.00	24.26 0.05 0.00	23.79 0.02 0.00	26.08 0.18 0.00	40.48 0.45 0.00	39.67 0.41 0.00	30.25 0.19 0.00	28.59 0.04 0.00	30.72 -0.25 0.00	32.42 -0.42 0.00	34.91 -0.50 0.00	33.71 -0.40 0.00	33.55 0.20 -0.50	37.24 0.50 -1.34	41.89 1.31 -0.83	43.05 1.21 0.00	49.52 1.70 0.00	50.32 2.03 -0.01	53.94 2.43 -0.02	43.16 1.73 0.00	42.15 1.40 0.00	36.79 0.95 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.63 -0.48 0.00	30.59 -0.43 0.00	25.79 -0.36 0.00	23.90 -0.32 0.00	23.47 -0.29 0.00	25.60 -0.30 0.00	39.53 -0.50 0.00	38.69 -0.58 0.00	29.65 -0.41 0.00	28.16 -0.38 0.00	30.57 -0.40 0.00	32.44 -0.39 0.00	35.04 -0.37 0.00	33.85 -0.27 0.00	32.61 -0.23 0.00	35.01 -0.39 0.00	39.27 -0.49 0.00	41.37 -0.47 0.00	47.21 -0.61 0.00	47.76 -0.56 -0.03	50.84 -0.70 -0.05	40.76 -0.66 0.00	40.16 -0.59 0.00	35.28 -0.56 0.00
HELLGATE_13_KV_LD 55870	37.94 1.83 0.00	32.47 1.46 0.00	27.22 1.08 0.00	25.20 0.99 0.00	24.77 1.00 0.00	27.07 1.18 0.00	42.00 1.98 0.00	41.56 2.30 0.00	32.70 1.96 -0.68	32.38 2.13 -1.70	33.34 2.38 0.00	35.48 2.64 0.00	38.44 2.98 -0.05	37.01 2.89 0.00	35.50 2.65 0.00	38.37 2.97 0.00	42.81 3.06 0.00	44.62 2.78 0.00	50.87 3.05 0.00	51.14 2.86 0.00	53.96 2.47 0.00	43.66 2.24 0.00	43.12 2.37 0.00	37.91 2.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.94 1.83 0.00	32.47 1.46 0.00	27.22 1.08 0.00	25.20 0.99 0.00	24.77 1.00 0.00	27.07 1.18 0.00	42.00 1.98 0.00	41.56 2.30 0.00	32.70 1.96 -0.68	32.38 2.13 -1.70	33.34 2.38 0.00	35.48 2.64 0.00	38.44 2.98 -0.05	37.01 2.89 0.00	35.50 2.65 0.00	38.37 2.97 0.00	42.81 3.06 0.00	44.62 2.78 0.00	50.87 3.05 0.00	51.14 2.86 0.00	53.96 2.47 0.00	43.66 2.24 0.00	43.12 2.37 0.00	37.91 2.06 0.00
HEMPSTEAD____ 23647	37.98 1.85 -0.01	32.44 1.42 0.00	41.76 1.02 -14.60	30.66 0.95 -5.50	41.53 1.03 -16.73	45.33 1.15 -18.29	45.72 1.96 -3.73	41.55 2.28 0.00	32.60 1.87 -0.68	34.17 1.98 -3.64	47.51 2.21 -14.35	38.75 2.36 -3.55	38.05 2.58 -0.06	55.45 2.50 -18.83	64.46 2.27 -29.35	65.65 2.59 -27.66	124.79 2.75 -82.29	117.08 2.57 -72.66	122.27 2.89 -71.56	114.02 2.62 -63.11	74.88 2.29 -21.09	70.58 2.09 -27.07	58.59 2.28 -15.56	54.15 2.02 -16.29
HICKLING___1 23621	35.39 -0.73 0.00	30.34 -0.68 0.00	25.49 -0.65 0.00	23.71 -0.50 0.00	23.31 -0.46 0.00	25.55 -0.35 0.00	39.54 -0.49 0.00	38.66 -0.61 0.00	29.51 -0.55 0.00	28.11 -0.44 0.00	30.67 -0.29 0.00	32.51 -0.33 0.00	35.35 -0.06 0.00	34.03 -0.09 0.00	32.47 -0.37 0.00	34.70 -0.70 0.00	39.30 -0.46 0.00	41.77 -0.07 0.00	47.58 -0.24 0.00	48.62 0.32 -0.02	51.86 0.34 -0.03	41.30 -0.12 0.00	40.89 0.14 0.00	35.62 -0.22 0.00
HICKLING___2 23622	35.39 -0.73 0.00	30.34 -0.68 0.00	25.49 -0.65 0.00	23.71 -0.50 0.00	23.31 -0.46 0.00	25.55 -0.35 0.00	39.54 -0.49 0.00	38.66 -0.61 0.00	29.51 -0.55 0.00	28.11 -0.44 0.00	30.67 -0.29 0.00	32.51 -0.33 0.00	35.35 -0.06 0.00	34.03 -0.09 0.00	32.47 -0.37 0.00	34.70 -0.70 0.00	39.30 -0.46 0.00	41.77 -0.07 0.00	47.58 -0.24 0.00	48.62 0.32 -0.02	51.86 0.34 -0.03	41.30 -0.12 0.00	40.89 0.14 0.00	35.62 -0.22 0.00
HIGH FALLS___HY 23754	37.44 1.33 0.00	32.08 1.06 0.00	26.94 0.79 0.00	24.95 0.74 0.00	24.52 0.75 0.00	26.76 0.86 0.00	41.51 1.49 0.00	40.86 1.59 0.00	31.21 1.30 0.14	29.40 1.30 0.44	32.38 1.41 0.00	34.39 1.55 0.00	37.22 1.79 -0.02	35.89 1.78 0.00	34.48 1.64 0.00	37.16 1.76 0.00	41.76 2.01 0.00	43.95 2.12 0.00	50.09 2.26 0.00	50.34 2.06 0.00	53.27 1.78 0.00	43.15 1.72 0.00	42.59 1.83 0.00	37.45 1.61 0.00
HIGH_RIVER___SOLAR 323847	37.18 1.07 0.00	31.93 0.91 0.00	26.92 0.77 0.00	24.92 0.71 0.00	24.50 0.73 0.00	26.70 0.80 0.00	41.37 1.35 0.00	40.65 1.39 0.00	30.73 0.56 -0.12	29.07 0.23 -0.30	31.02 0.05 0.00	33.01 0.17 0.00	35.46 0.09 0.03	34.25 0.14 0.00	33.05 0.20 0.00	35.78 0.38 0.00	40.40 0.65 0.00	43.21 1.37 0.00	49.64 1.82 0.00	50.08 1.79 0.00	53.25 1.76 0.00	42.82 1.40 0.00	42.10 1.35 0.00	37.03 1.19 0.00
HILLBURN___GT 23639	37.31 1.19 0.00	31.95 0.93 0.00	26.82 0.67 0.00	24.86 0.65 0.00	24.44 0.67 0.00	26.68 0.79 0.00	41.36 1.34 0.00	40.74 1.47 0.00	30.41 1.26 0.90	27.69 1.42 2.27	32.60 1.64 0.00	34.65 1.81 0.00	37.49 2.04 -0.04	36.13 2.01 0.00	34.68 1.83 0.00	37.56 2.16 0.00	42.02 2.27 0.00	43.96 2.12 0.00	50.11 2.28 0.00	50.27 1.98 0.00	53.14 1.65 0.00	42.88 1.46 0.00	42.42 1.66 0.00	37.33 1.48 0.00
HILLSIDE_115KV_TB1 80332	35.03 -1.08 0.00	30.05 -0.97 0.00	25.26 -0.88 0.00	23.51 -0.70 0.00	23.10 -0.67 0.00	25.28 -0.62 0.00	39.09 -0.93 0.00	38.26 -1.01 0.00	29.34 -0.72 0.00	27.98 -0.56 0.00	30.48 -0.48 0.00	32.29 -0.55 0.00	35.00 -0.40 0.00	33.64 -0.48 0.00	32.19 -0.65 0.00	34.43 -0.97 0.00	38.86 -0.90 0.00	41.10 -0.74 0.00	46.78 -1.05 0.00	47.71 -0.59 -0.02	50.82 -0.71 -0.03	40.54 -0.89 0.00	40.18 -0.57 0.00	35.05 -0.80 0.00

HISHELDN_WT_PWR 323625	34.62 -1.50 0.00	29.80 -1.23 0.00	25.03 -1.11 0.00	23.14 -1.07 0.00	22.70 -1.07 0.00	24.95 -0.95 0.00	38.43 -1.59 0.00	37.49 -1.78 0.00	28.48 -1.57 0.00	27.21 -1.34 0.00	29.87 -1.10 0.00	31.68 -1.16 0.00	34.02 -1.39 0.00	32.66 -1.46 0.00	31.38 -1.47 0.00	33.31 -2.08 0.00	37.69 -2.07 0.00	40.22 -1.62 0.00	45.80 -2.02 0.00	46.87 -1.42 0.00	50.27 -1.22 0.00	39.97 -1.45 0.00	39.71 -1.05 0.00	34.56 -1.29 0.00
HOLTSVILLE_IC_1 23690	37.95 1.84 0.00	32.39 1.37 0.00	31.37 0.97 -4.25	26.12 0.93 -0.98	27.78 1.04 -2.98	30.31 1.15 -3.26	42.66 1.97 -0.67	41.69 2.42 0.00	32.65 1.92 -0.68	33.37 2.00 -2.83	42.23 2.29 -8.98	35.82 2.35 -0.63	37.81 2.35 -0.05	41.04 2.22 -4.70	39.74 2.01 -4.88	42.35 2.34 -4.60	59.90 2.47 -17.67	57.75 2.40 -13.51	62.48 2.74 -11.91	61.38 2.59 -10.51	56.24 2.26 -2.49	48.03 2.06 -4.54	47.21 2.20 -4.26	41.87 1.94 -4.09
HOLTSVILLE_IC_10 23699	38.09 1.98 0.00	32.49 1.48 0.00	31.62 1.06 -4.42	26.28 1.01 -1.06	28.10 1.11 -3.23	30.66 1.24 -3.53	42.87 2.13 -0.72	41.85 2.58 0.00	32.78 2.04 -0.68	33.51 2.13 -2.84	42.47 2.45 -9.06	36.02 2.50 -0.68	37.98 2.52 -0.05	41.45 2.39 -4.95	40.34 2.19 -5.30	42.98 2.58 -5.00	61.27 2.75 -18.77	59.07 2.71 -14.52	63.85 3.09 -12.94	62.66 2.97 -11.41	56.94 2.64 -2.80	48.67 2.34 -4.91	47.66 2.45 -4.46	42.28 2.13 -4.31
HOLTSVILLE_IC_2 23691	37.95 1.84 0.00	32.39 1.37 0.00	31.37 0.97 -4.25	26.12 0.93 -0.98	27.78 1.04 -2.98	30.31 1.15 -3.26	42.66 1.97 -0.67	41.69 2.42 0.00	32.65 1.92 -0.68	33.37 2.00 -2.83	42.23 2.29 -8.98	35.82 2.35 -0.63	37.81 2.35 -0.05	41.04 2.22 -4.70	39.74 2.01 -4.88	42.35 2.34 -4.60	59.90 2.47 -17.67	57.75 2.40 -13.51	62.48 2.74 -11.91	61.38 2.59 -10.51	56.24 2.26 -2.49	48.03 2.06 -4.54	47.21 2.20 -4.26	41.87 1.94 -4.09
HOLTSVILLE_IC_3 23692	37.95 1.84 0.00	32.39 1.37 0.00	31.37 0.97 -4.25	26.12 0.93 -0.98	27.78 1.04 -2.98	30.31 1.15 -3.26	42.66 1.97 -0.67	41.69 2.42 0.00	32.65 1.92 -0.68	33.37 2.00 -2.83	42.23 2.29 -8.98	35.82 2.35 -0.63	37.81 2.35 -0.05	41.04 2.22 -4.70	39.74 2.01 -4.88	42.35 2.34 -4.60	59.90 2.47 -17.67	57.75 2.40 -13.51	62.48 2.74 -11.91	61.38 2.59 -10.51	56.24 2.26 -2.49	48.03 2.06 -4.54	47.21 2.20 -4.26	41.87 1.94 -4.09
HOLTSVILLE_IC_4 23693	37.95 1.84 0.00	32.39 1.37 0.00	31.37 0.97 -4.25	26.12 0.93 -0.98	27.78 1.04 -2.98	30.31 1.15 -3.26	42.66 1.97 -0.67	41.69 2.42 0.00	32.65 1.92 -0.68	33.37 2.00 -2.83	42.23 2.29 -8.98	35.82 2.35 -0.63	37.81 2.35 -0.05	41.04 2.22 -4.70	39.74 2.01 -4.88	42.35 2.34 -4.60	59.90 2.47 -17.67	57.75 2.40 -13.51	62.48 2.74 -11.91	61.38 2.59 -10.51	56.24 2.26 -2.49	48.03 2.06 -4.54	47.21 2.20 -4.26	41.87 1.94 -4.09
HOLTSVILLE_IC_5 23694	37.95 1.84 0.00	32.39 1.37 0.00	31.37 0.97 -4.25	26.12 0.93 -0.98	27.78 1.04 -2.98	30.31 1.15 -3.26	42.66 1.97 -0.67	41.69 2.42 0.00	32.65 1.92 -0.68	33.37 2.00 -2.83	42.23 2.29 -8.98	35.82 2.35 -0.63	37.81 2.35 -0.05	41.04 2.22 -4.70	39.74 2.01 -4.88	42.35 2.34 -4.60	59.90 2.47 -17.67	57.75 2.40 -13.51	62.48 2.74 -11.91	61.38 2.59 -10.51	56.24 2.26 -2.49	48.03 2.06 -4.54	47.21 2.20 -4.26	41.87 1.94 -4.09
HOLTSVILLE_IC_6 23695	38.09 1.98 0.00	32.49 1.48 0.00	31.62 1.06 -4.42	26.28 1.01 -1.06	28.10 1.11 -3.23	30.66 1.24 -3.53	42.87 2.13 -0.72	41.85 2.58 0.00	32.78 2.04 -0.68	33.51 2.13 -2.84	42.47 2.45 -9.06	36.02 2.50 -0.68	37.98 2.52 -0.05	41.45 2.39 -4.95	40.34 2.19 -5.30	42.98 2.58 -5.00	61.27 2.75 -18.77	59.07 2.71 -14.52	63.85 3.09 -12.94	62.66 2.97 -11.41	56.94 2.64 -2.80	48.67 2.34 -4.91	47.66 2.45 -4.46	42.28 2.13 -4.31
HOLTSVILLE_IC_7 23696	38.09 1.98 0.00	32.49 1.48 0.00	31.62 1.06 -4.42	26.28 1.01 -1.06	28.10 1.11 -3.23	30.66 1.24 -3.53	42.87 2.13 -0.72	41.85 2.58 0.00	32.78 2.04 -0.68	33.51 2.13 -2.84	42.47 2.45 -9.06	36.02 2.50 -0.68	37.98 2.52 -0.05	41.45 2.39 -4.95	40.34 2.19 -5.30	42.98 2.58 -5.00	61.27 2.75 -18.77	59.07 2.71 -14.52	63.85 3.09 -12.94	62.66 2.97 -11.41	56.94 2.64 -2.80	48.67 2.34 -4.91	47.66 2.45 -4.46	42.28 2.13 -4.31
HOLTSVILLE_IC_8 23697	38.09 1.98 0.00	32.49 1.48 0.00	31.62 1.06 -4.42	26.28 1.01 -1.06	28.10 1.11 -3.23	30.66 1.24 -3.53	42.87 2.13 -0.72	41.85 2.58 0.00	32.78 2.04 -0.68	33.51 2.13 -2.84	42.47 2.45 -9.06	36.02 2.50 -0.68	37.98 2.52 -0.05	41.45 2.39 -4.95	40.34 2.19 -5.30	42.98 2.58 -5.00	61.27 2.75 -18.77	59.07 2.71 -14.52	63.85 3.09 -12.94	62.66 2.97 -11.41	56.94 2.64 -2.80	48.67 2.34 -4.91	47.66 2.45 -4.46	42.28 2.13 -4.31
HOLTSVILLE_IC_9 23698	38.09 1.98 0.00	32.49 1.48 0.00	31.62 1.06 -4.42	26.28 1.01 -1.06	28.10 1.11 -3.23	30.66 1.24 -3.53	42.87 2.13 -0.72	41.85 2.58 0.00	32.78 2.04 -0.68	33.51 2.13 -2.84	42.47 2.45 -9.06	36.02 2.50 -0.68	37.98 2.52 -0.05	41.45 2.39 -4.95	40.34 2.19 -5.30	42.98 2.58 -5.00	61.27 2.75 -18.77	59.07 2.71 -14.52	63.85 3.09 -12.94	62.66 2.97 -11.41	56.94 2.64 -2.80	48.67 2.34 -4.91	47.66 2.45 -4.46	42.28 2.13 -4.31
HOMER_HL_115KV_TB2 355744	34.84 -1.28 0.00	29.96 -1.06 0.00	25.18 -0.96 0.00	23.40 -0.81 0.00	23.03 -0.74 0.00	25.24 -0.66 0.00	39.10 -0.92 0.00	38.20 -1.07 0.00	29.25 -0.81 0.00	28.04 -0.50 0.00	30.80 -0.16 0.00	32.64 -0.20 0.00	35.09 -0.32 0.00	33.46 -0.66 0.00	31.98 -0.86 0.00	33.83 -1.57 0.00	38.23 -1.52 0.00	40.58 -1.27 0.00	46.23 -1.59 0.00	47.15 -1.13 0.00	50.46 -1.03 0.00	40.10 -1.32 0.00	39.85 -0.90 0.00	34.63 -1.21 0.00
HOWARD_WT_PWR 323690	33.93 -2.19 0.00	29.06 -1.96 0.00	24.43 -1.71 0.00	22.77 -1.44 0.00	22.42 -1.35 0.00	24.69 -1.21 0.00	38.13 -1.90 0.00	37.15 -2.12 0.00	28.20 -1.86 0.00	26.87 -1.68 0.00	29.32 -1.64 0.00	30.75 -2.09 0.00	33.60 -1.80 0.00	32.23 -1.88 0.00	30.82 -2.03 0.00	32.98 -2.42 0.00	37.87 -1.88 0.00	40.78 -1.06 0.00	46.80 -1.03 0.00	48.37 0.07 -0.01	51.75 0.24 -0.02	41.22 -0.20 0.00	40.83 0.08 0.00	35.47 -0.37 0.00
HQ_GEN_CEDARS 23644	36.62 0.50 0.00	31.45 0.43 0.00	26.51 0.36 0.00	24.48 0.27 0.00	23.99 0.22 0.00	26.20 0.30 0.00	40.62 0.60 0.00	39.87 0.60 0.00	30.37 0.31 0.00	28.75 0.20 0.00	31.17 0.20 0.00	33.02 0.18 0.00	35.46 0.05 0.00	34.10 -0.02 0.00	33.70 0.09 -0.77	37.54 0.06 -2.08	41.31 0.27 -1.28	42.28 0.44 0.00	48.39 0.57 0.00	49.06 0.77 0.00	52.76 1.27 0.00	42.36 0.94 0.00	41.50 0.75 0.00	36.35 0.51 0.00
HQ_GEN_CEDARS_PROXY 323590	36.62 0.50 0.00	30.20 0.43 1.25	23.52 0.36 2.99	24.48 0.27 0.00	23.99 0.22 0.00	26.20 0.30 0.00	38.66 0.60 1.97	39.87 0.60 0.00	29.71 0.31 0.66	28.75 0.21 0.00	31.17 0.20 0.00	33.02 0.18 0.00	35.46 0.05 0.00	34.10 -0.01 0.00	33.70 0.09 -0.77	37.54 0.06 -2.08	41.17 0.27 -1.15	42.28 0.44 0.00	48.39 0.57 0.00	49.06 0.77 0.00	52.76 1.27 0.00	42.36 0.93 0.00	41.50 0.75 0.00	36.35 0.51 0.00

HQ_GEN_IMPORT 323601	37.91 0.12 -1.68	31.12 0.10 0.00	26.20 0.06 0.00	24.30 0.03 -0.06	23.78 0.01 0.00	25.92 0.03 0.00	40.13 0.10 0.00	39.38 0.12 0.00	30.09 0.03 0.00	28.55 0.00 0.00	30.98 0.01 0.00	32.84 0.00 0.00	35.34 -0.07 0.00	34.01 -0.11 0.00	32.74 -0.10 0.00	35.25 -0.15 0.00	40.74 -0.11 -1.10	41.80 -0.04 0.00	47.74 -0.08 0.00	48.29 0.01 0.00	51.78 0.29 0.00	41.62 0.20 0.00	40.88 0.13 0.00	35.90 0.06 0.00
HQ_GEN_WHEEL 23651	37.91 0.12 -1.68	31.12 0.10 0.00	26.20 0.06 0.00	24.30 0.03 -0.06	23.78 0.01 0.00	25.92 0.03 0.00	40.13 0.10 0.00	39.38 0.12 0.00	30.09 0.03 0.00	28.55 0.00 0.00	30.98 0.01 0.00	32.84 0.00 0.00	35.34 -0.07 0.00	34.01 -0.11 0.00	32.74 -0.10 0.00	35.25 -0.15 0.00	40.74 -0.11 -1.10	41.80 -0.04 0.00	47.74 -0.08 0.00	48.29 0.01 0.00	51.78 0.29 0.00	41.62 0.20 0.00	40.88 0.13 0.00	35.90 0.06 0.00
HUDSON AVE_GT_3 23810	37.83 1.71 0.00	32.38 1.36 0.00	27.13 0.98 0.00	25.11 0.90 0.00	24.68 0.91 0.00	26.95 1.06 0.00	41.84 1.82 0.00	41.30 2.03 0.00	32.50 1.76 -0.68	32.19 1.95 -1.70	33.14 2.18 0.00	35.23 2.39 0.00	38.13 2.67 -0.05	36.74 2.62 0.00	35.25 2.41 0.00	38.16 2.76 0.00	42.65 2.89 0.00	44.51 2.66 0.00	50.70 2.88 0.00	50.89 2.60 0.00	53.71 2.22 0.00	43.39 1.97 0.00	42.95 2.20 0.00	37.79 1.95 0.00
HUDSON AVE_GT_4 23540	37.83 1.71 0.00	32.38 1.36 0.00	27.13 0.98 0.00	25.11 0.90 0.00	24.68 0.91 0.00	26.95 1.06 0.00	41.84 1.82 0.00	41.30 2.03 0.00	32.50 1.76 -0.68	32.19 1.95 -1.70	33.14 2.18 0.00	35.23 2.39 0.00	38.13 2.67 -0.05	36.74 2.62 0.00	35.25 2.41 0.00	38.16 2.76 0.00	42.65 2.89 0.00	44.51 2.66 0.00	50.70 2.88 0.00	50.89 2.60 0.00	53.71 2.22 0.00	43.39 1.97 0.00	42.95 2.20 0.00	37.79 1.95 0.00
HUDSON AVE_GT_5 23657	37.83 1.71 0.00	32.38 1.36 0.00	27.13 0.98 0.00	25.11 0.90 0.00	24.68 0.91 0.00	26.95 1.06 0.00	41.84 1.82 0.00	41.30 2.03 0.00	32.50 1.76 -0.68	32.19 1.95 -1.70	33.14 2.18 0.00	35.23 2.39 0.00	38.13 2.67 -0.05	36.74 2.62 0.00	35.25 2.41 0.00	38.16 2.76 0.00	42.65 2.89 0.00	44.51 2.66 0.00	50.70 2.88 0.00	50.89 2.60 0.00	53.71 2.22 0.00	43.39 1.97 0.00	42.95 2.20 0.00	37.79 1.95 0.00
HUDSON_AVE_10 24168	37.61 1.50 0.01	32.20 1.19 0.01	17.05 0.84 9.93	25.00 0.79 0.00	24.56 0.79 0.00	26.82 0.92 0.00	41.65 1.63 0.00	41.08 1.82 0.00	32.34 1.60 -0.68	32.04 1.80 -1.70	32.97 2.01 0.00	35.05 2.21 0.00	37.93 2.48 -0.05	36.55 2.43 0.00	35.06 2.22 0.00	37.95 2.55 0.00	42.39 2.64 0.00	44.23 2.39 0.00	50.41 2.59 0.00	50.61 2.32 0.00	53.42 1.93 0.00	43.15 1.73 0.00	42.72 1.97 0.00	37.59 1.75 0.00
HUDSON___115KV_TB 4 355613	36.79 0.67 0.00	31.67 0.65 0.00	26.75 0.61 0.00	24.86 0.65 0.00	24.48 0.72 0.00	26.65 0.75 0.00	41.09 1.06 0.00	40.34 1.07 0.00	30.91 0.73 -0.13	29.41 0.54 -0.32	31.44 0.48 0.00	33.30 0.46 0.00	35.96 0.59 0.03	34.72 0.60 0.00	33.47 0.62 0.00	36.52 1.12 0.00	40.86 1.10 0.00	43.02 1.18 0.00	49.58 1.75 0.00	49.98 1.69 0.00	52.98 1.48 0.00	42.63 1.20 0.00	41.83 1.08 0.00	36.83 0.99 0.00
HUNTER MOUNT___DRP 323613	37.31 1.19 0.00	32.07 1.05 0.00	27.08 0.94 0.00	25.14 0.93 0.00	24.72 0.95 0.00	26.94 1.05 0.00	41.52 1.50 0.00	41.00 1.73 0.00	31.26 1.20 0.00	29.37 0.83 0.00	31.69 0.73 0.00	33.54 0.70 0.00	36.16 0.75 0.00	34.75 0.63 0.00	33.52 0.67 0.00	36.61 1.20 0.00	40.93 1.17 0.00	43.15 1.30 0.00	49.82 2.00 0.00	50.24 1.96 0.00	53.26 1.78 0.00	42.82 1.40 0.00	41.98 1.23 0.00	36.95 1.10 0.00
HUNTINGTON_RES_REC 323705	38.13 2.02 0.00	32.53 1.51 0.00	31.70 1.09 -4.47	26.31 1.03 -1.07	28.14 1.12 -3.25	30.71 1.25 -3.56	42.91 2.16 -0.73	41.84 2.57 0.00	32.80 2.06 -0.68	33.53 2.14 -2.84	42.50 2.45 -9.09	36.09 2.56 -0.69	38.11 2.65 -0.05	41.69 2.55 -5.01	40.64 2.36 -5.44	43.25 2.72 -5.12	61.83 2.93 -19.14	59.55 2.85 -14.85	64.32 3.24 -13.26	63.04 3.06 -11.70	57.16 2.76 -2.90	48.88 2.43 -5.02	47.79 2.55 -4.49	42.39 2.21 -4.34
HUNTLEY___63 23557	35.23 -0.89 0.00	30.35 -0.67 0.00	25.53 -0.62 0.00	23.53 -0.68 0.00	23.04 -0.72 0.00	25.28 -0.62 0.00	38.94 -1.08 0.00	38.00 -1.27 0.00	28.97 -1.08 0.00	27.70 -0.85 0.00	30.29 -0.67 0.00	32.13 -0.71 0.00	34.28 -1.13 0.00	32.95 -1.17 0.00	31.67 -1.18 0.00	33.38 -2.02 0.00	37.58 -2.18 0.00	39.96 -1.88 0.00	45.47 -2.36 0.00	46.42 -1.86 0.00	49.88 -1.61 0.00	39.63 -1.79 0.00	39.49 -1.27 0.00	34.44 -1.40 0.00
HUNTLEY___64 23558	35.23 -0.89 0.00	30.35 -0.67 0.00	25.53 -0.62 0.00	23.53 -0.68 0.00	23.04 -0.72 0.00	25.28 -0.62 0.00	38.94 -1.08 0.00	38.00 -1.27 0.00	28.97 -1.08 0.00	27.70 -0.85 0.00	30.29 -0.67 0.00	32.13 -0.71 0.00	34.28 -1.13 0.00	32.95 -1.17 0.00	31.67 -1.18 0.00	33.38 -2.02 0.00	37.58 -2.18 0.00	39.96 -1.88 0.00	45.47 -2.36 0.00	46.42 -1.86 0.00	49.88 -1.61 0.00	39.63 -1.79 0.00	39.49 -1.27 0.00	34.44 -1.40 0.00
HUNTLEY___65 23559	35.23 -0.89 0.00	30.35 -0.67 0.00	25.53 -0.62 0.00	23.53 -0.68 0.00	23.04 -0.72 0.00	25.28 -0.62 0.00	38.94 -1.08 0.00	38.00 -1.27 0.00	28.97 -1.08 0.00	27.70 -0.85 0.00	30.29 -0.67 0.00	32.13 -0.71 0.00	34.28 -1.13 0.00	32.95 -1.17 0.00	31.67 -1.18 0.00	33.38 -2.02 0.00	37.58 -2.18 0.00	39.96 -1.88 0.00	45.47 -2.36 0.00	46.42 -1.86 0.00	49.88 -1.61 0.00	39.63 -1.79 0.00	39.49 -1.27 0.00	34.44 -1.40 0.00
HUNTLEY___66 23560	35.23 -0.89 0.00	30.35 -0.67 0.00	25.53 -0.62 0.00	23.53 -0.68 0.00	23.04 -0.72 0.00	25.28 -0.62 0.00	38.94 -1.08 0.00	38.00 -1.27 0.00	28.97 -1.08 0.00	27.70 -0.85 0.00	30.29 -0.67 0.00	32.13 -0.71 0.00	34.28 -1.13 0.00	32.95 -1.17 0.00	31.67 -1.18 0.00	33.38 -2.02 0.00	37.58 -2.18 0.00	39.96 -1.88 0.00	45.47 -2.36 0.00	46.42 -1.86 0.00	49.88 -1.61 0.00	39.63 -1.79 0.00	39.49 -1.27 0.00	34.44 -1.40 0.00
HUNTLEY___67 23561	34.85 -1.26 0.00	30.04 -0.98 0.00	25.28 -0.86 0.00	23.32 -0.89 0.00	22.84 -0.92 0.00	25.05 -0.85 0.00	38.60 -1.43 0.00	37.67 -1.60 0.00	28.73 -1.32 0.00	27.45 -1.09 0.00	29.99 -0.97 0.00	31.80 -1.03 0.00	34.00 -1.40 0.00	32.65 -1.47 0.00	31.41 -1.44 0.00	33.14 -2.26 0.00	37.33 -2.42 0.00	39.73 -2.11 0.00	45.22 -2.61 0.00	46.18 -2.11 0.00	49.60 -1.89 0.00	39.42 -2.00 0.00	39.21 -1.54 0.00	34.19 -1.65 0.00
HUNTLEY___68 23562	34.85 -1.26 0.00	30.04 -0.98 0.00	25.28 -0.86 0.00	23.32 -0.89 0.00	22.84 -0.92 0.00	25.05 -0.85 0.00	38.60 -1.43 0.00	37.67 -1.60 0.00	28.73 -1.32 0.00	27.45 -1.09 0.00	29.99 -0.97 0.00	31.80 -1.03 0.00	34.00 -1.40 0.00	32.65 -1.47 0.00	31.41 -1.44 0.00	33.14 -2.26 0.00	37.33 -2.42 0.00	39.73 -2.11 0.00	45.22 -2.61 0.00	46.18 -2.11 0.00	49.60 -1.89 0.00	39.42 -2.00 0.00	39.21 -1.54 0.00	34.19 -1.65 0.00

HYLAND___LFGE 323620	36.75 0.63 0.00	31.53 0.51 0.00	26.48 0.34 0.00	24.55 0.34 0.00	24.13 0.36 0.00	26.54 0.65 0.00	41.12 1.10 0.00	40.19 0.92 0.00	30.21 0.15 0.00	28.31 -0.23 0.00	31.16 0.20 0.00	33.61 0.77 0.00	35.99 0.59 0.00	34.25 0.13 0.00	33.09 0.25 0.00	34.91 -0.49 0.00	39.69 -0.06 0.00	43.14 1.30 0.00	49.14 1.32 0.00	50.43 2.14 0.00	54.12 2.62 0.00	43.00 1.58 0.00	42.39 1.64 0.00	36.83 0.99 0.00
INDECK___CORINTH 23802	38.39 2.27 0.00	32.98 1.96 0.00	27.76 1.61 0.00	25.71 1.51 0.00	25.32 1.55 0.00	27.64 1.74 0.00	42.83 2.81 0.00	42.17 2.90 0.00	32.15 1.97 -0.12	30.46 1.60 -0.31	32.28 1.32 0.00	34.25 1.41 0.00	37.00 1.64 0.04	35.63 1.51 0.00	34.44 1.60 0.00	37.48 2.08 0.00	42.15 2.40 0.00	44.54 2.70 0.00	51.78 3.95 0.00	52.16 3.88 0.00	55.31 3.82 0.00	44.39 2.97 0.00	43.56 2.81 0.00	38.22 2.38 0.00
INDECK___ILION 23567	36.61 0.49 0.00	31.43 0.41 0.00	26.51 0.37 0.00	24.57 0.36 0.00	24.15 0.38 0.00	26.32 0.42 0.00	40.60 0.57 0.00	39.80 0.53 0.00	30.28 0.22 0.00	28.66 0.11 0.00	30.96 0.00 0.00	32.90 0.06 0.00	35.50 0.09 0.00	34.21 0.09 0.00	33.00 0.15 0.00	35.76 0.35 0.00	40.27 0.52 0.00	42.58 0.74 0.00	48.84 1.01 0.00	49.27 0.98 0.00	52.33 0.84 0.00	42.07 0.65 0.00	41.45 0.69 0.00	36.44 0.60 0.00
INDECK___OLEAN 23982	34.84 -1.28 0.00	29.96 -1.06 0.00	25.18 -0.96 0.00	23.40 -0.81 0.00	23.02 -0.75 0.00	25.25 -0.65 0.00	39.10 -0.93 0.00	38.20 -1.07 0.00	29.25 -0.81 0.00	28.04 -0.50 0.00	30.79 -0.17 0.00	32.63 -0.21 0.00	35.05 -0.35 0.00	33.42 -0.70 0.00	31.95 -0.89 0.00	33.82 -1.57 0.00	38.23 -1.53 0.00	40.59 -1.25 0.00	46.23 -1.59 0.00	47.16 -1.13 0.00	50.46 -1.03 0.00	40.09 -1.33 0.00	39.85 -0.90 0.00	34.63 -1.21 0.00
INDECK___OSWEGO 23783	35.29 -0.83 0.00	30.30 -0.72 0.00	25.54 -0.60 0.00	23.67 -0.54 0.00	23.24 -0.53 0.00	25.35 -0.55 0.00	39.12 -0.90 0.00	38.29 -0.98 0.00	29.34 -0.72 0.00	27.85 -0.69 0.00	30.17 -0.80 0.00	31.98 -0.86 0.00	34.52 -0.88 0.00	33.31 -0.80 0.00	32.13 -0.72 0.00	34.55 -0.85 0.00	38.84 -0.91 0.00	40.92 -0.92 0.00	46.70 -1.13 0.00	47.36 -1.05 0.00	50.56 -1.16 0.00	40.41 -1.01 0.00	39.74 -1.01 0.00	34.94 -0.90 0.00
INDECK___YERKES 23781	35.26 -0.85 0.00	30.38 -0.64 0.00	25.55 -0.59 0.00	23.55 -0.66 0.00	23.06 -0.70 0.00	25.31 -0.58 0.00	38.98 -1.04 0.00	38.05 -1.22 0.00	29.01 -1.04 0.00	27.73 -0.82 0.00	30.32 -0.64 0.00	32.16 -0.68 0.00	34.27 -1.13 0.00	32.95 -1.17 0.00	31.67 -1.17 0.00	33.42 -1.98 0.00	37.62 -2.13 0.00	40.03 -1.81 0.00	45.51 -2.31 0.00	46.48 -1.80 0.00	49.94 -1.55 0.00	39.66 -1.76 0.00	39.52 -1.23 0.00	34.48 -1.36 0.00
INDIAN POINT_GT_1 24139	37.37 1.25 0.00	32.01 0.99 0.00	26.86 0.72 0.00	24.89 0.68 0.00	24.46 0.69 0.00	26.70 0.80 0.00	41.40 1.37 0.00	40.81 1.54 0.00	32.13 1.31 -0.75	31.87 1.45 -1.87	32.61 1.65 0.00	34.65 1.81 0.00	37.49 2.04 -0.05	36.12 2.00 0.00	34.67 1.83 0.00	37.55 2.15 0.00	42.00 2.25 0.00	43.93 2.09 0.00	50.11 2.29 0.00	50.31 2.03 0.00	53.16 1.67 0.00	42.92 1.50 0.00	42.44 1.69 0.00	37.36 1.51 0.00
INDIAN POINT_GT_2 23659	37.37 1.25 0.00	32.01 0.99 0.00	26.86 0.72 0.00	24.89 0.68 0.00	24.46 0.69 0.00	26.70 0.80 0.00	41.40 1.37 0.00	40.81 1.54 0.00	32.13 1.31 -0.75	31.87 1.45 -1.87	32.61 1.65 0.00	34.65 1.81 0.00	37.49 2.04 -0.05	36.12 2.00 0.00	34.67 1.83 0.00	37.55 2.15 0.00	42.00 2.25 0.00	43.93 2.09 0.00	50.11 2.29 0.00	50.31 2.03 0.00	53.16 1.67 0.00	42.92 1.50 0.00	42.44 1.69 0.00	37.36 1.51 0.00
INDIAN POINT_GT_3 24019	37.37 1.25 0.00	32.01 0.99 0.00	26.86 0.72 0.00	24.89 0.68 0.00	24.46 0.69 0.00	26.70 0.80 0.00	41.40 1.37 0.00	40.81 1.54 0.00	32.13 1.31 -0.75	31.87 1.45 -1.87	32.61 1.65 0.00	34.65 1.81 0.00	37.49 2.04 -0.05	36.12 2.00 0.00	34.67 1.83 0.00	37.55 2.15 0.00	42.00 2.25 0.00	43.93 2.09 0.00	50.11 2.29 0.00	50.31 2.03 0.00	53.16 1.67 0.00	42.92 1.50 0.00	42.44 1.69 0.00	37.36 1.51 0.00
INDIAN POINT___2 23530	37.33 1.21 0.00	31.97 0.96 0.00	26.83 0.69 0.00	24.86 0.65 0.00	24.44 0.67 0.00	26.67 0.77 0.00	41.35 1.33 0.00	40.75 1.48 0.00	32.24 1.27 -0.92	32.22 1.42 -2.26	32.58 1.61 0.00	34.62 1.78 0.00	37.45 2.00 -0.04	36.08 1.96 0.00	34.64 1.79 0.00	37.51 2.11 0.00	41.95 2.19 0.00	43.87 2.03 0.00	50.05 2.23 0.00	50.24 1.95 0.00	53.09 1.60 0.00	42.87 1.45 0.00	42.40 1.64 0.00	37.31 1.47 0.00
INDIAN POINT___3 23531	37.37 1.25 0.00	32.02 1.00 0.00	26.87 0.72 0.00	24.89 0.68 0.00	24.46 0.69 0.00	26.70 0.80 0.00	41.40 1.37 0.00	40.80 1.53 0.00	32.13 1.31 -0.75	31.87 1.45 -1.88	32.60 1.64 0.00	34.64 1.80 0.00	37.48 2.03 -0.05	36.10 1.98 0.00	34.66 1.82 0.00	37.54 2.14 0.00	41.98 2.23 0.00	43.90 2.06 0.00	50.10 2.27 0.00	50.28 2.00 0.00	53.14 1.65 0.00	42.91 1.48 0.00	42.42 1.67 0.00	37.35 1.51 0.00
INGHAM_C_115KV_TB7 356103	37.21 1.09 0.00	31.93 0.91 0.00	26.95 0.81 0.00	25.01 0.80 0.00	24.59 0.83 0.00	26.82 0.92 0.00	41.30 1.28 0.00	40.45 1.18 0.00	30.49 0.43 0.00	28.73 0.19 0.00	30.87 -0.09 0.00	32.88 0.04 0.00	35.50 0.09 0.00	34.22 0.11 0.00	33.08 0.24 0.00	36.00 0.60 0.00	40.68 0.93 0.00	43.33 1.49 0.00	49.86 2.04 0.00	50.26 1.97 0.00	53.21 1.72 0.00	42.79 1.36 0.00	42.20 1.45 0.00	37.08 1.23 0.00
IP CORINTH___1 23988	38.41 2.29 0.00	32.98 1.96 0.00	27.76 1.61 0.00	25.71 1.50 0.00	25.32 1.55 0.00	27.64 1.74 0.00	42.83 2.81 0.00	42.17 2.90 0.00	32.15 1.97 -0.12	30.46 1.60 -0.31	32.29 1.32 0.00	34.25 1.41 0.00	37.01 1.65 0.04	35.63 1.51 0.00	34.44 1.60 0.00	37.48 2.08 0.00	42.15 2.39 0.00	44.54 2.70 0.00	51.78 3.95 0.00	52.16 3.88 0.00	55.31 3.82 0.00	44.39 2.97 0.00	43.56 2.81 0.00	38.22 2.38 0.00
IP___TICONDEROGA 23804	40.05 3.93 0.00	34.29 3.27 0.00	28.76 2.62 0.00	26.67 2.46 0.00	26.39 2.62 0.00	28.92 3.02 0.00	44.91 4.89 0.00	44.34 5.07 0.00	33.56 3.38 -0.12	31.46 2.60 -0.32	33.37 2.41 0.00	35.27 2.43 0.00	38.17 2.81 0.05	36.67 2.55 0.00	35.83 2.99 0.00	39.15 3.75 0.00	44.09 4.34 0.00	46.40 4.56 0.00	54.38 6.55 0.00	54.95 6.67 0.00	58.03 6.53 0.00	46.32 4.90 0.00	45.44 4.68 0.00	39.78 3.94 0.00
ISLIP_RES_REC 323679	38.23 2.12 0.00	32.60 1.58 0.00	31.83 1.14 -4.54	26.42 1.10 -1.11	28.35 1.19 -3.39	30.95 1.34 -3.71	43.08 2.30 -0.76	42.03 2.76 0.00	32.92 2.19 -0.68	33.66 2.27 -2.85	42.70 2.62 -9.11	36.22 2.66 -0.72	38.16 2.70 -0.05	41.80 2.58 -5.11	40.82 2.39 -5.58	43.46 2.79 -5.26	62.27 3.01 -19.51	60.04 3.00 -15.20	64.85 3.41 -13.61	63.58 3.29 -12.01	57.48 2.97 -3.02	49.17 2.59 -5.16	48.02 2.67 -4.60	42.60 2.31 -4.46

JAMAICA__27_KV_LOAD 355505	37.66 1.55 0.01	32.24 1.23 0.01	17.09 0.88 9.93	25.09 0.88 0.00	24.64 0.87 0.00	26.89 0.99 0.00	41.83 1.81 0.00	41.18 1.91 0.00	32.44 1.70 -0.68	32.14 1.90 -1.70	33.04 2.08 0.00	35.15 2.32 0.00	38.04 2.59 -0.05	36.61 2.49 0.00	35.10 2.26 0.00	37.98 2.58 0.00	42.39 2.64 0.00	44.26 2.42 0.00	50.45 2.63 0.00	50.66 2.38 0.00	53.50 2.01 0.00	43.22 1.80 0.00	42.81 2.06 0.00	37.63 1.79 0.00
JANIS__SOLAR 323808	36.66 0.54 0.00	31.37 0.35 0.00	26.44 0.30 0.00	24.52 0.31 0.00	24.07 0.30 0.00	26.31 0.42 0.00	40.81 0.79 0.00	40.03 0.76 0.00	30.38 0.33 0.00	28.68 0.14 0.00	30.88 -0.09 0.00	32.49 -0.35 0.00	35.12 -0.29 0.00	34.26 0.15 0.00	33.11 0.26 0.00	35.83 0.43 0.00	40.60 0.85 0.00	42.98 1.14 0.00	49.32 1.50 0.00	50.47 2.16 -0.03	53.75 2.21 -0.05	42.92 1.50 0.00	42.30 1.55 0.00	36.97 1.13 0.00
JARVIS____ 23743	36.15 0.04 0.00	31.05 0.03 0.00	26.17 0.02 0.00	24.25 0.04 0.00	23.82 0.05 0.00	25.94 0.05 0.00	40.07 0.04 0.00	39.32 0.05 0.00	30.11 0.05 0.00	28.58 0.04 0.00	30.98 0.02 0.00	32.86 0.02 0.00	35.44 0.04 0.00	34.17 0.05 0.00	32.91 0.07 0.00	35.55 0.15 0.00	39.93 0.18 0.00	41.98 0.13 0.00	48.04 0.22 0.00	48.47 0.19 0.00	51.60 0.11 0.00	41.52 0.09 0.00	40.85 0.10 0.00	35.95 0.10 0.00
JENNISON____1 23625	36.30 0.18 0.00	31.09 0.07 0.00	26.30 0.16 0.00	24.36 0.14 0.00	23.86 0.09 0.00	26.05 0.15 0.00	40.28 0.25 0.00	39.58 0.31 0.00	30.40 0.35 0.00	29.05 0.51 0.00	31.26 0.29 0.00	32.60 -0.24 0.00	35.00 -0.41 0.00	33.90 -0.22 0.00	32.69 -0.15 0.00	35.85 0.45 0.00	40.14 0.39 0.00	42.38 0.54 0.00	48.49 0.66 0.00	50.21 1.91 -0.02	53.61 2.08 -0.03	42.75 1.32 0.00	42.41 1.66 0.00	37.12 1.27 0.00
JENNISON____2 23626	36.30 0.18 0.00	31.09 0.07 0.00	26.30 0.16 0.00	24.36 0.14 0.00	23.86 0.09 0.00	26.05 0.15 0.00	40.28 0.25 0.00	39.58 0.31 0.00	30.40 0.35 0.00	29.05 0.51 0.00	31.26 0.29 0.00	32.60 -0.24 0.00	35.00 -0.41 0.00	33.90 -0.22 0.00	32.69 -0.15 0.00	35.85 0.45 0.00	40.14 0.39 0.00	42.38 0.54 0.00	48.49 0.66 0.00	50.21 1.91 -0.02	53.61 2.08 -0.03	42.75 1.32 0.00	42.41 1.66 0.00	37.12 1.27 0.00
JERICOHO_RISE_WT_PWR 323719	36.30 0.18 0.00	30.86 -0.16 0.00	25.91 -0.23 0.00	23.79 -0.42 0.00	23.20 -0.57 0.00	25.25 -0.65 0.00	39.18 -0.85 0.00	38.76 -0.51 0.00	29.75 -0.31 0.00	28.27 -0.27 0.00	30.76 -0.20 0.00	32.43 -0.41 0.00	34.67 -0.74 0.00	32.97 -1.15 0.00	11.85 -1.17 19.82	-19.21 -1.24 53.38	5.65 -1.06 33.05	41.33 -0.51 0.00	48.27 0.45 0.00	48.87 0.58 0.00	52.48 0.99 0.00	42.12 0.70 0.00	41.23 0.48 0.00	36.02 0.18 0.00
KATONAH__115KV_46KV_TB4 355592	37.65 1.53 0.00	32.25 1.23 0.00	27.05 0.91 0.00	25.05 0.84 0.00	24.63 0.86 0.00	26.88 0.98 0.00	41.70 1.67 0.00	41.14 1.87 0.00	32.17 1.58 -0.53	31.61 1.69 -1.38	32.84 1.87 0.00	34.87 2.04 0.00	37.75 2.30 -0.05	36.37 2.25 0.00	34.93 2.09 0.00	37.85 2.45 0.00	42.35 2.59 0.00	44.27 2.43 0.00	50.54 2.72 0.00	50.76 2.48 0.00	53.62 2.13 0.00	43.26 1.84 0.00	42.73 1.98 0.00	37.60 1.76 0.00
KCE_NY_1 323755	37.95 1.83 0.00	32.58 1.56 0.00	27.46 1.31 0.00	25.42 1.21 0.00	24.99 1.22 0.00	27.27 1.37 0.00	42.21 2.18 0.00	41.45 2.19 0.00	31.68 1.50 -0.12	30.13 1.27 -0.32	32.15 1.19 0.00	34.12 1.28 0.00	36.86 1.50 0.05	35.52 1.40 0.00	34.24 1.40 0.00	37.16 1.76 0.00	41.77 2.01 0.00	44.09 2.25 0.00	50.88 3.06 0.00	51.22 2.94 0.00	54.29 2.80 0.00	43.65 2.23 0.00	42.94 2.18 0.00	37.71 1.87 0.00
KCE_NY_6_ESR 323823	35.05 -1.07 0.00	30.17 -0.85 0.00	25.39 -0.75 0.00	23.43 -0.78 0.00	22.95 -0.82 0.00	25.22 -0.68 0.00	38.87 -1.16 0.00	37.95 -1.32 0.00	28.95 -1.11 0.00	27.66 -0.88 0.00	30.26 -0.70 0.00	32.11 -0.73 0.00	34.36 -1.05 0.00	32.99 -1.13 0.00	31.72 -1.12 0.00	33.57 -1.83 0.00	37.82 -1.93 0.00	40.28 -1.56 0.00	45.80 -2.02 0.00	46.81 -1.47 0.00	50.25 -1.24 0.00	39.87 -1.55 0.00	39.64 -1.11 0.00	34.53 -1.31 0.00
KEDC_PORT_JEFF_GT2 24210	38.05 1.94 0.00	32.46 1.45 0.00	31.54 1.04 -4.36	26.23 0.99 -1.03	27.98 1.08 -3.13	30.54 1.21 -3.43	42.81 2.09 -0.70	41.80 2.53 0.00	32.75 2.01 -0.68	33.47 2.09 -2.84	42.40 2.41 -9.03	35.97 2.47 -0.66	37.95 2.49 -0.05	41.34 2.36 -4.86	40.16 2.16 -5.15	42.80 2.55 -4.85	60.80 2.67 -18.38	58.55 2.55 -14.16	63.31 2.92 -12.56	62.26 2.89 -11.08	56.77 2.58 -2.69	48.49 2.29 -4.78	47.53 2.39 -4.39	42.15 2.09 -4.22
KEDC_PORT_JEFF_GT3 24211	38.05 1.94 0.00	32.46 1.45 0.00	31.54 1.04 -4.36	26.23 0.99 -1.03	27.98 1.08 -3.13	30.54 1.21 -3.43	42.81 2.09 -0.70	41.80 2.53 0.00	32.75 2.01 -0.68	33.47 2.09 -2.84	42.40 2.41 -9.03	35.97 2.47 -0.66	37.95 2.49 -0.05	41.34 2.36 -4.86	40.16 2.16 -5.15	42.80 2.55 -4.85	60.80 2.67 -18.38	58.55 2.55 -14.16	63.31 2.92 -12.56	62.26 2.89 -11.08	56.77 2.58 -2.69	48.49 2.29 -4.78	47.53 2.39 -4.39	42.15 2.09 -4.22
KEDC_GLWD_GT4 24219	38.05 1.93 -0.01	32.52 1.51 0.00	43.33 1.11 -16.08	30.63 1.04 -5.39	41.25 1.09 -16.39	45.03 1.22 -17.92	45.73 2.05 -3.65	41.60 2.33 0.00	32.66 1.93 -0.68	34.48 2.04 -3.90	49.62 2.25 -16.41	38.76 2.45 -3.47	38.20 2.73 -0.06	58.22 2.62 -21.49	69.75 2.35 -34.56	70.73 2.72 -32.61	139.54 2.89 -96.89	130.19 2.72 -85.63	135.21 3.02 -84.37	125.45 2.76 -74.41	78.67 2.28 -24.90	74.47 2.05 -31.00	58.86 2.32 -15.79	54.52 2.13 -16.56
KEDC_GLWD_GT5 24220	38.05 1.93 -0.01	32.52 1.51 0.00	43.33 1.11 -16.08	30.63 1.04 -5.39	41.25 1.09 -16.39	45.03 1.22 -17.92	45.73 2.05 -3.65	41.60 2.33 0.00	32.66 1.93 -0.68	34.48 2.04 -3.90	49.62 2.25 -16.41	38.76 2.45 -3.47	38.20 2.73 -0.06	58.22 2.62 -21.49	69.75 2.35 -34.56	70.73 2.72 -32.61	139.54 2.89 -96.89	130.19 2.72 -85.63	135.21 3.02 -84.37	125.45 2.76 -74.41	78.67 2.28 -24.90	74.47 2.05 -31.00	58.86 2.32 -15.79	54.52 2.13 -16.56
KENSICO____ 23655	37.54 1.42 0.00	32.16 1.14 0.00	26.97 0.83 0.00	24.98 0.77 0.00	24.55 0.78 0.00	26.80 0.90 0.00	41.56 1.54 0.00	41.01 1.74 0.00	32.24 1.48 -0.70	31.92 1.62 -1.76	32.77 1.81 0.00	34.81 1.98 0.00	37.67 2.21 -0.05	36.30 2.18 0.00	34.84 2.00 0.00	37.73 2.33 0.00	42.19 2.44 0.00	44.11 2.27 0.00	50.33 2.51 0.00	50.52 2.24 0.00	53.38 1.88 0.00	43.10 1.68 0.00	42.62 1.87 0.00	37.51 1.66 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.40 1.28 0.00	32.05 1.02 0.00	26.92 0.78 0.00	24.94 0.73 0.00	24.51 0.73 0.00	26.73 0.84 0.00	41.47 1.45 0.00	40.81 1.55 0.00	31.10 1.25 0.20	29.14 1.24 0.64	32.29 1.33 0.00	34.30 1.46 0.00	37.10 1.67 -0.03	35.68 1.56 0.00	34.29 1.45 0.00	36.98 1.58 0.00	41.55 1.79 0.00	43.76 1.92 0.00	49.92 2.09 0.00	50.19 1.91 0.00	53.13 1.64 0.00	43.09 1.67 0.00	42.51 1.76 0.00	37.38 1.54 0.00

KIAC_JFK_GT1 23816	37.45 1.34 0.01	32.06 1.05 0.01	16.95 0.73 9.93	24.96 0.75 0.00	24.51 0.74 0.00	26.75 0.85 0.00	41.60 1.57 0.00	40.94 1.68 0.00	32.26 1.53 -0.68	31.97 1.73 -1.70	32.87 1.91 0.00	34.96 2.12 0.00	37.84 2.39 -0.05	36.41 2.29 0.00	34.88 2.04 0.00	37.65 2.25 0.00	42.01 2.26 0.00	43.84 2.00 0.00	49.98 2.15 0.00	50.17 1.89 0.00	52.97 1.48 0.00	42.82 1.40 0.00	42.57 1.82 0.00	37.42 1.58 0.00
KIAC_JFK_GT2 23817	37.45 1.34 0.01	32.06 1.05 0.01	16.95 0.73 9.93	24.96 0.75 0.00	24.51 0.74 0.00	26.75 0.85 0.00	41.60 1.57 0.00	40.94 1.68 0.00	32.26 1.53 -0.68	31.97 1.73 -1.70	32.87 1.91 0.00	34.96 2.12 0.00	37.84 2.39 -0.05	36.41 2.29 0.00	34.88 2.04 0.00	37.65 2.25 0.00	42.01 2.26 0.00	43.84 2.00 0.00	49.98 2.15 0.00	50.17 1.89 0.00	52.97 1.48 0.00	42.82 1.40 0.00	42.57 1.82 0.00	37.42 1.58 0.00
KIAC_JFK____ 323774	37.45 1.34 0.01	32.06 1.05 0.01	16.95 0.73 9.93	24.96 0.75 0.00	24.51 0.74 0.00	26.75 0.85 0.00	41.60 1.57 0.00	40.94 1.68 0.00	32.27 1.53 -0.68	31.97 1.73 -1.70	32.87 1.91 0.00	34.96 2.12 0.00	37.84 2.39 -0.05	36.42 2.30 0.00	34.89 2.05 0.00	37.65 2.25 0.00	42.02 2.27 0.00	43.84 2.00 0.00	49.98 2.15 0.00	50.17 1.89 0.00	52.97 1.48 0.00	42.82 1.40 0.00	42.57 1.82 0.00	37.43 1.58 0.00
KINTIGH__24_KV_GSU 356498	35.06 -1.06 0.00	30.22 -0.80 0.00	25.45 -0.70 0.00	23.49 -0.72 0.00	23.02 -0.75 0.00	25.23 -0.67 0.00	38.84 -1.18 0.00	37.95 -1.32 0.00	28.96 -1.10 0.00	27.65 -0.90 0.00	30.17 -0.79 0.00	31.98 -0.86 0.00	34.17 -1.24 0.00	32.83 -1.29 0.00	31.57 -1.27 0.00	33.39 -2.01 0.00	37.58 -2.18 0.00	39.95 -1.89 0.00	45.49 -2.33 0.00	46.38 -1.90 0.00	49.75 -1.74 0.00	39.60 -1.82 0.00	39.33 -1.42 0.00	34.35 -1.50 0.00
KINTIGH____ 23543	35.03 -1.08 0.00	30.20 -0.82 0.00	25.42 -0.72 0.00	23.48 -0.73 0.00	23.00 -0.76 0.00	25.20 -0.70 0.00	38.83 -1.20 0.00	37.91 -1.35 0.00	28.94 -1.12 0.00	27.63 -0.92 0.00	30.15 -0.81 0.00	31.97 -0.87 0.00	34.18 -1.23 0.00	32.84 -1.27 0.00	31.59 -1.25 0.00	33.37 -2.03 0.00	37.56 -2.19 0.00	39.91 -1.93 0.00	45.45 -2.37 0.00	46.36 -1.92 0.00	49.72 -1.78 0.00	39.58 -1.84 0.00	39.30 -1.45 0.00	34.32 -1.53 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.89 0.77 0.00	31.26 0.24 0.00	26.22 0.07 0.00	24.00 -0.20 0.00	23.34 -0.43 0.00	25.39 -0.51 0.00	39.38 -0.64 0.00	39.12 -0.15 0.00	30.01 -0.05 0.00	28.45 -0.10 0.00	30.99 0.03 0.00	32.66 -0.18 0.00	34.97 -0.44 0.00	33.03 -1.08 0.00	13.40 -1.10 18.34	-15.12 -1.14 49.38	8.16 -1.01 30.58	41.63 -0.21 0.00	49.02 1.19 0.00	49.66 1.38 0.00	53.22 1.72 0.00	42.72 1.30 0.00	41.80 1.05 0.00	36.44 0.60 0.00
LACHUTE____HYDRO 323717	40.05 3.93 0.00	34.29 3.27 0.00	28.76 2.62 0.00	26.67 2.46 0.00	26.39 2.62 0.00	28.92 3.02 0.00	44.91 4.89 0.00	44.34 5.07 0.00	33.56 3.37 -0.12	31.46 2.60 -0.32	33.37 2.40 0.00	35.27 2.43 0.00	38.17 2.81 0.05	36.67 2.55 0.00	35.83 2.99 0.00	39.15 3.75 0.00	44.09 4.34 0.00	46.40 4.56 0.00	54.38 6.55 0.00	54.95 6.67 0.00	58.02 6.53 0.00	46.32 4.90 0.00	45.43 4.68 0.00	39.78 3.94 0.00
LAWRNCALV_115KV_TB1 80681	36.64 0.52 0.00	31.44 0.42 0.00	26.53 0.39 0.00	24.49 0.28 0.00	24.00 0.23 0.00	26.26 0.36 0.00	40.78 0.75 0.00	39.99 0.72 0.00	30.40 0.34 0.00	28.75 0.20 0.00	31.09 0.12 0.00	32.89 0.05 0.00	35.29 -0.11 0.00	33.94 -0.18 0.00	35.05 0.04 -2.17	41.36 0.12 -5.84	43.86 0.50 -3.61	42.54 0.70 0.00	48.79 0.97 0.00	49.53 1.25 0.00	53.32 1.83 0.00	42.76 1.34 0.00	41.82 1.06 0.00	36.57 0.72 0.00
LEDERLE____ 23769	37.53 1.42 0.00	32.13 1.12 0.00	26.97 0.82 0.00	25.00 0.79 0.00	24.57 0.80 0.00	26.83 0.93 0.00	41.61 1.58 0.00	41.00 1.73 0.00	30.53 1.46 0.98	27.70 1.60 2.45	32.80 1.83 0.00	34.88 2.04 0.00	37.73 2.28 -0.04	36.37 2.25 0.00	34.91 2.07 0.00	37.82 2.42 0.00	42.32 2.57 0.00	44.28 2.44 0.00	50.40 2.58 0.00	50.58 2.29 0.00	53.45 1.96 0.00	43.13 1.70 0.00	42.64 1.89 0.00	37.52 1.68 0.00
LIGHTHSE_115KV_TB6 355974	35.68 -0.43 0.00	30.58 -0.44 0.00	25.77 -0.37 0.00	23.87 -0.34 0.00	23.45 -0.32 0.00	25.70 -0.19 0.00	39.85 -0.18 0.00	39.00 -0.27 0.00	29.82 -0.23 0.00	28.28 -0.27 0.00	30.38 -0.58 0.00	32.09 -0.75 0.00	34.65 -0.75 0.00	33.38 -0.74 0.00	32.66 -0.18 0.00	35.12 -0.28 0.00	39.90 0.15 0.00	42.12 0.28 0.00	48.10 0.28 0.00	48.91 0.58 -0.05	52.43 0.86 -0.09	41.80 0.37 0.00	40.74 -0.01 0.00	35.70 -0.14 0.00
LINDEN COGEN____ 23786	37.56 1.44 0.00	32.15 1.13 0.00	26.94 0.80 0.00	24.94 0.73 0.00	24.52 0.75 0.00	26.78 0.88 0.00	41.54 1.52 0.00	40.99 1.72 0.00	32.25 1.51 -0.68	31.97 1.73 -1.70	32.92 1.95 0.00	34.98 2.14 0.00	37.86 2.40 -0.05	36.49 2.37 0.00	35.01 2.17 0.00	37.90 2.50 0.00	42.34 2.58 0.00	44.15 2.31 0.00	50.31 2.49 0.00	50.48 2.20 0.00	53.26 1.77 0.00	43.05 1.63 0.00	42.63 1.87 0.00	37.53 1.69 0.00
LINDHRST_69_KV_BK1 356055	38.41 2.29 0.00	32.75 1.73 0.00	34.69 1.26 -7.28	27.88 1.18 -2.49	32.61 1.27 -7.57	35.60 1.42 -8.28	44.11 2.39 -1.69	42.07 2.80 0.00	32.98 2.24 -0.68	33.93 2.33 -3.05	43.97 2.61 -10.39	37.18 2.73 -1.60	38.35 2.89 -0.05	45.40 2.75 -8.53	46.58 2.51 -11.22	48.81 2.84 -10.56	77.16 3.07 -34.33	73.63 3.00 -28.78	78.57 3.42 -27.32	75.62 3.24 -24.10	61.79 2.99 -7.30	54.82 2.66 -10.73	51.51 2.81 -7.95	46.17 2.45 -7.88
LIPA_MISC_IPP 23656	37.80 1.69 0.00	32.24 1.22 0.00	31.27 0.85 -4.28	26.04 0.84 -0.99	27.71 0.92 -3.02	30.25 1.05 -3.30	42.51 1.81 -0.67	41.54 2.27 0.00	32.53 1.79 -0.68	33.25 1.88 -2.83	42.12 2.17 -8.99	35.65 2.18 -0.64	37.56 2.10 -0.05	40.83 1.97 -4.74	39.61 1.81 -4.95	42.30 2.23 -4.67	59.94 2.35 -17.85	57.83 2.32 -13.67	62.57 2.67 -12.07	61.46 2.52 -10.65	56.17 2.14 -2.54	48.00 1.98 -4.60	47.11 2.06 -4.29	41.76 1.79 -4.13
LISF____SOLAR 323691	37.84 1.72 0.00	32.28 1.26 0.00	31.33 0.88 -4.31	26.08 0.86 -1.01	27.79 0.96 -3.06	30.32 1.07 -3.35	42.59 1.88 -0.68	41.59 2.32 0.00	32.56 1.83 -0.68	33.28 1.90 -2.83	42.17 2.20 -9.00	35.68 2.19 -0.65	37.56 2.10 -0.05	40.89 1.99 -4.78	39.69 1.82 -5.03	42.40 2.26 -4.74	60.20 2.41 -18.04	58.09 2.39 -13.86	62.85 2.77 -12.26	61.73 2.64 -10.81	56.36 2.28 -2.59	48.14 2.05 -4.67	47.24 2.16 -4.33	41.86 1.85 -4.17
LITTLE FALLS____HYD 24013	37.21 1.09 0.00	31.93 0.91 0.00	26.95 0.81 0.00	25.01 0.80 0.00	24.59 0.83 0.00	26.82 0.92 0.00	41.30 1.28 0.00	40.45 1.18 0.00	30.49 0.43 0.00	28.73 0.19 0.00	30.87 -0.09 0.00	32.88 0.04 0.00	35.50 0.09 0.00	34.22 0.11 0.00	33.08 0.24 0.00	36.00 0.60 0.00	40.68 0.93 0.00	43.33 1.49 0.00	49.86 2.04 0.00	50.26 1.97 0.00	53.21 1.72 0.00	42.79 1.36 0.00	42.20 1.45 0.00	37.08 1.23 0.00

LITTLRIV_115KV_TB1 356100	37.16 1.04 0.00	31.88 0.86 0.00	26.91 0.77 0.00	24.84 0.63 0.00	24.35 0.58 0.00	26.67 0.77 0.00	41.49 1.46 0.00	40.62 1.35 0.00	30.75 0.69 0.00	28.97 0.43 0.00	31.21 0.25 0.00	33.02 0.18 0.00	35.41 0.00 0.00	34.16 0.04 0.00	35.59 0.35 -2.40	42.54 0.69 -6.45	44.89 1.14 -3.99	43.20 1.36 0.00	49.55 1.72 0.00	50.31 2.03 0.00	54.19 2.70 0.00	43.44 2.01 0.00	42.43 1.68 0.00	37.06 1.22 0.00
LI_NEWBRDGE___DRP 323616	37.95 1.84 0.01	32.38 1.36 0.00	29.76 0.97 -2.65	25.34 0.93 -0.20	25.40 1.02 -0.62	27.70 1.12 -0.69	42.06 1.89 -0.14	41.50 2.23 0.00	32.54 1.81 -0.68	33.17 1.92 -2.71	41.35 2.19 -8.20	35.30 2.33 -0.13	37.93 2.48 -0.05	38.90 2.40 -2.38	35.96 2.21 -0.91	38.73 2.48 -0.85	49.61 2.63 -7.22	48.23 2.48 -3.92	52.82 2.78 -2.22	52.74 2.50 -1.96	53.15 2.22 0.55	44.48 2.03 -1.03	45.28 2.17 -2.36	39.77 1.91 -2.02
LOCKPORT_115KV_TB60_63_64 80432	35.03 -1.08 0.00	30.20 -0.82 0.00	25.42 -0.73 0.00	23.43 -0.78 0.00	22.95 -0.82 0.00	25.16 -0.74 0.00	38.75 -1.28 0.00	37.72 -1.55 0.00	28.71 -1.35 0.00	27.44 -1.10 0.00	30.00 -0.96 0.00	31.80 -1.04 0.00	33.93 -1.47 0.00	32.61 -1.51 0.00	31.36 -1.48 0.00	33.02 -2.38 0.00	37.14 -2.62 0.00	39.61 -2.23 0.00	45.05 -2.77 0.00	46.03 -2.25 0.00	49.49 -2.00 0.00	39.34 -2.08 0.00	39.15 -1.60 0.00	34.20 -1.64 0.00
LOCKPORT___CC1 323769	34.99 -1.13 0.00	30.17 -0.85 0.00	25.39 -0.75 0.00	23.40 -0.81 0.00	22.92 -0.85 0.00	25.13 -0.76 0.00	38.70 -1.32 0.00	37.69 -1.58 0.00	28.70 -1.36 0.00	27.42 -1.13 0.00	29.97 -0.99 0.00	31.76 -1.08 0.00	33.87 -1.54 0.00	32.53 -1.59 0.00	31.30 -1.55 0.00	33.00 -2.40 0.00	37.13 -2.63 0.00	39.61 -2.23 0.00	45.05 -2.77 0.00	46.03 -2.25 0.00	49.47 -2.02 0.00	39.33 -2.10 0.00	39.13 -1.62 0.00	34.18 -1.66 0.00
LOCKPORT___CC2 323770	34.99 -1.13 0.00	30.17 -0.85 0.00	25.39 -0.75 0.00	23.40 -0.81 0.00	22.92 -0.85 0.00	25.13 -0.76 0.00	38.70 -1.32 0.00	37.69 -1.58 0.00	28.70 -1.36 0.00	27.42 -1.13 0.00	29.97 -0.99 0.00	31.76 -1.08 0.00	33.87 -1.54 0.00	32.53 -1.59 0.00	31.30 -1.55 0.00	33.00 -2.40 0.00	37.13 -2.63 0.00	39.61 -2.23 0.00	45.05 -2.77 0.00	46.03 -2.25 0.00	49.47 -2.02 0.00	39.33 -2.10 0.00	39.13 -1.62 0.00	34.18 -1.66 0.00
LOCKPORT___CC3 323771	34.99 -1.13 0.00	30.17 -0.85 0.00	25.39 -0.75 0.00	23.40 -0.81 0.00	22.92 -0.85 0.00	25.13 -0.76 0.00	38.70 -1.32 0.00	37.69 -1.58 0.00	28.70 -1.36 0.00	27.42 -1.13 0.00	29.97 -0.99 0.00	31.76 -1.08 0.00	33.87 -1.54 0.00	32.53 -1.59 0.00	31.30 -1.55 0.00	33.00 -2.40 0.00	37.13 -2.63 0.00	39.61 -2.23 0.00	45.05 -2.77 0.00	46.03 -2.25 0.00	49.47 -2.02 0.00	39.33 -2.10 0.00	39.13 -1.62 0.00	34.18 -1.66 0.00
LOCUSVLY_69_KV_BK2 55797	38.20 2.08 -0.01	32.62 1.60 0.00	40.42 1.18 -13.10	29.65 1.11 -4.33	38.11 1.17 -13.17	41.60 1.30 -14.40	45.16 2.20 -2.94	41.78 2.50 0.00	32.79 2.05 -0.68	34.34 2.18 -3.62	47.86 2.45 -14.45	38.27 2.64 -2.79	38.35 2.88 -0.06	54.10 2.80 -17.18	62.32 2.59 -26.88	63.71 2.94 -25.37	119.28 3.16 -76.36	111.81 3.01 -66.96	116.79 3.34 -65.63	109.23 3.06 -57.88	73.30 2.70 -19.11	68.06 2.40 -24.24	56.30 2.56 -12.98	51.64 2.27 -13.53
LONG_LAKE_PHOENIX 24014	35.46 -0.66 0.00	30.44 -0.58 0.00	25.66 -0.48 0.00	23.78 -0.43 0.00	23.36 -0.41 0.00	25.47 -0.43 0.00	39.30 -0.72 0.00	38.47 -0.80 0.00	29.48 -0.58 0.00	27.98 -0.57 0.00	30.33 -0.63 0.00	32.18 -0.66 0.00	34.72 -0.68 0.00	33.57 -0.54 0.00	32.35 -0.49 0.00	34.76 -0.63 0.00	39.03 -0.73 0.00	41.08 -0.76 0.00	46.89 -0.93 0.00	47.51 -0.88 -0.10	50.65 -1.02 -0.17	40.55 -0.88 0.00	39.89 -0.86 0.00	35.07 -0.77 0.00
LOVETT___3 23632	37.32 1.20 0.00	31.97 0.95 0.00	26.83 0.68 0.00	24.86 0.65 0.00	24.43 0.66 0.00	26.67 0.77 0.00	41.34 1.31 0.00	40.74 1.47 0.00	30.28 1.26 1.04	27.38 1.42 2.58	32.57 1.61 0.00	34.61 1.78 0.00	37.45 2.00 -0.04	36.08 1.96 0.00	34.63 1.79 0.00	37.51 2.11 0.00	41.95 2.20 0.00	43.87 2.03 0.00	50.06 2.24 0.00	50.24 1.96 0.00	53.10 1.61 0.00	42.87 1.45 0.00	42.39 1.64 0.00	37.32 1.48 0.00
LOVETT___4 23642	37.32 1.20 0.00	31.97 0.95 0.00	26.83 0.68 0.00	24.86 0.65 0.00	24.43 0.66 0.00	26.67 0.77 0.00	41.34 1.31 0.00	40.74 1.47 0.00	30.28 1.26 1.04	27.38 1.42 2.58	32.57 1.61 0.00	34.61 1.78 0.00	37.45 2.00 -0.04	36.08 1.96 0.00	34.63 1.79 0.00	37.51 2.11 0.00	41.95 2.20 0.00	43.87 2.03 0.00	50.06 2.24 0.00	50.24 1.96 0.00	53.10 1.61 0.00	42.87 1.45 0.00	42.39 1.64 0.00	37.32 1.48 0.00
LOVETT___5 23593	37.32 1.20 0.00	31.97 0.95 0.00	26.83 0.68 0.00	24.86 0.65 0.00	24.43 0.66 0.00	26.67 0.77 0.00	41.34 1.31 0.00	40.74 1.47 0.00	30.28 1.26 1.04	27.38 1.42 2.58	32.57 1.61 0.00	34.61 1.78 0.00	37.45 2.00 -0.04	36.08 1.96 0.00	34.63 1.79 0.00	37.51 2.11 0.00	41.95 2.20 0.00	43.87 2.03 0.00	50.06 2.24 0.00	50.24 1.96 0.00	53.10 1.61 0.00	42.87 1.45 0.00	42.39 1.64 0.00	37.32 1.48 0.00
LOWER RAQUET___HYD 24057	36.65 0.53 0.00	31.43 0.41 0.00	26.54 0.40 0.00	24.50 0.29 0.00	24.00 0.23 0.00	26.27 0.38 0.00	40.82 0.80 0.00	40.03 0.76 0.00	30.42 0.36 0.00	28.75 0.21 0.00	31.06 0.10 0.00	32.84 0.00 0.00	35.23 -0.17 0.00	33.89 -0.23 0.00	35.48 0.02 -2.61	42.56 0.12 -7.03	44.69 0.58 -4.35	42.63 0.78 0.00	48.93 1.10 0.00	49.68 1.40 0.00	53.51 2.02 0.00	42.89 1.47 0.00	41.91 1.16 0.00	36.64 0.80 0.00
LOWER___HUDSON 24059	37.41 1.30 0.00	32.15 1.13 0.00	27.10 0.96 0.00	25.09 0.88 0.00	24.65 0.88 0.00	26.85 0.95 0.00	41.42 1.40 0.00	40.74 1.47 0.00	31.28 1.09 -0.14	29.83 0.93 -0.35	31.84 0.88 0.00	33.77 0.93 0.00	36.42 1.08 0.06	35.11 0.99 0.00	33.84 0.99 0.00	36.69 1.29 0.00	41.05 1.30 0.00	43.19 1.35 0.00	49.72 1.89 0.00	50.00 1.72 0.00	53.01 1.52 0.00	42.74 1.32 0.00	42.01 1.26 0.00	37.00 1.16 0.00
LOWVILLE_115KV_TB2 356335	35.90 -0.22 0.00	30.72 -0.31 0.00	25.89 -0.25 0.00	23.99 -0.22 0.00	23.52 -0.25 0.00	25.85 -0.05 0.00	40.18 0.16 0.00	39.40 0.13 0.00	29.99 -0.07 0.00	28.29 -0.25 0.00	30.26 -0.70 0.00	31.84 -1.00 0.00	34.27 -1.13 0.00	33.04 -1.08 0.00	33.39 -0.20 -0.75	37.60 0.18 -2.02	42.37 1.37 -1.25	43.05 1.21 0.00	49.65 1.82 0.00	50.62 2.32 -0.01	54.49 2.97 -0.03	43.54 2.12 0.00	42.37 1.61 0.00	36.87 1.02 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.94 1.82 0.00	32.58 1.56 0.00	27.46 1.31 0.00	25.43 1.22 0.00	25.00 1.23 0.00	27.26 1.37 0.00	42.17 2.15 0.00	41.44 2.17 0.00	31.68 1.50 -0.12	30.13 1.27 -0.32	32.13 1.17 0.00	34.09 1.26 0.00	36.82 1.46 0.05	35.48 1.36 0.00	34.23 1.39 0.00	37.14 1.74 0.00	41.72 1.96 0.00	44.05 2.21 0.00	50.80 2.98 0.00	51.16 2.88 0.00	54.24 2.75 0.00	43.62 2.20 0.00	42.87 2.11 0.00	37.68 1.84 0.00

LUTHERNY_35_KV_BK2 355980	37.95 1.83 0.00	32.58 1.56 0.00	27.46 1.31 0.00	25.42 1.21 0.00	24.99 1.22 0.00	27.27 1.37 0.00	42.21 2.18 0.00	41.46 2.19 0.00	31.68 1.50 -0.12	30.13 1.27 -0.32	32.15 1.19 0.00	34.11 1.27 0.00	36.87 1.51 0.05	35.52 1.40 0.00	34.24 1.40 0.00	37.16 1.76 0.00	41.77 2.01 0.00	44.09 2.25 0.00	50.88 3.06 0.00	51.22 2.93 0.00	54.30 2.80 0.00	43.65 2.23 0.00	42.94 2.19 0.00	37.72 1.88 0.00
LWR___OSWEGATCHIE_HYD 23850	36.31 0.20 0.00	31.10 0.08 0.00	26.25 0.10 0.00	24.27 0.06 0.00	23.79 0.02 0.00	26.10 0.20 0.00	40.58 0.56 0.00	39.78 0.51 0.00	30.25 0.19 0.00	28.57 0.02 0.00	30.67 -0.30 0.00	32.34 -0.50 0.00	34.79 -0.62 0.00	33.45 -0.67 0.00	34.58 -0.04 -1.78	40.34 0.16 -4.78	43.71 1.00 -2.96	42.94 1.10 0.00	49.34 1.52 0.00	50.22 1.92 -0.01	54.08 2.57 -0.02	43.25 1.83 0.00	42.16 1.41 0.00	36.75 0.91 0.00
LYONS_FALL_HYD 23570	36.24 0.13 0.00	31.05 0.03 0.00	26.18 0.03 0.00	24.26 0.05 0.00	23.79 0.02 0.00	26.08 0.18 0.00	40.48 0.45 0.00	39.67 0.41 0.00	30.25 0.19 0.00	28.59 0.04 0.00	30.72 -0.25 0.00	32.42 -0.42 0.00	34.91 -0.50 0.00	33.71 -0.40 0.00	33.55 0.20 -0.50	37.24 0.50 -1.34	41.89 1.31 -0.83	43.05 1.21 0.00	49.53 1.70 0.00	50.33 2.03 -0.01	53.94 2.43 -0.02	43.16 1.73 0.00	42.15 1.40 0.00	36.80 0.95 0.00
MADISON___COUNTY_LFGE 323628	36.72 0.60 0.00	31.49 0.46 0.00	26.53 0.39 0.00	24.59 0.38 0.00	24.15 0.38 0.00	26.38 0.48 0.00	40.87 0.85 0.00	40.02 0.75 0.00	30.54 0.48 0.00	28.88 0.33 0.00	31.24 0.27 0.00	33.09 0.25 0.00	35.69 0.29 0.00	34.57 0.45 0.00	33.61 0.77 0.00	36.38 0.98 0.00	40.94 1.19 0.00	43.04 1.20 0.00	49.37 1.55 0.00	49.98 1.68 -0.01	53.20 1.69 -0.03	42.61 1.19 0.00	41.85 1.10 0.00	36.67 0.83 0.00
MALONE___115KV_TB1 356076	36.76 0.64 0.00	31.31 0.29 0.00	26.31 0.17 0.00	24.19 -0.02 0.00	23.63 -0.14 0.00	25.76 -0.14 0.00	40.09 0.06 0.00	39.64 0.37 0.00	30.28 0.23 0.00	28.72 0.18 0.00	31.18 0.21 0.00	32.87 0.03 0.00	35.16 -0.25 0.00	33.55 -0.56 0.00	43.83 -0.54 -11.52	65.97 -0.46 -31.02	58.93 -0.03 -19.21	42.36 0.52 0.00	49.25 1.42 0.00	49.93 1.65 0.00	53.65 2.16 0.00	42.98 1.56 0.00	41.99 1.24 0.00	36.64 0.79 0.00
MAPLEWOD_115KV_TB3 80458	36.74 0.62 0.00	31.69 0.67 0.00	26.76 0.62 0.00	24.83 0.62 0.00	24.43 0.66 0.00	26.59 0.70 0.00	40.97 0.94 0.00	40.29 1.02 0.00	31.02 0.83 -0.13	29.62 0.73 -0.34	31.68 0.72 0.00	33.57 0.73 0.00	36.25 0.88 0.04	34.94 0.82 0.00	33.66 0.82 0.00	36.48 1.08 0.00	40.85 1.09 0.00	42.93 1.10 0.00	49.28 1.46 0.00	49.57 1.29 0.00	52.55 1.05 0.00	42.33 0.91 0.00	41.61 0.86 0.00	36.65 0.81 0.00
MAPLE_RIDGE_WT_1 323574	35.51 -0.61 0.00	30.47 -0.55 0.00	25.65 -0.50 0.00	23.72 -0.49 0.00	23.28 -0.49 0.00	25.35 -0.55 0.00	39.20 -0.82 0.00	38.49 -0.78 0.00	29.54 -0.52 0.00	28.10 -0.45 0.00	30.46 -0.50 0.00	32.26 -0.57 0.00	34.71 -0.69 0.00	33.38 -0.73 0.00	32.21 -0.64 0.00	34.93 -0.47 0.00	39.51 -0.24 0.00	41.40 -0.44 0.00	47.63 -0.19 0.00	48.22 -0.06 0.00	51.58 0.09 0.00	41.48 0.06 0.00	40.73 -0.03 0.00	35.79 -0.05 0.00
MAPLE_RIDGE_WT_2 323611	35.51 -0.61 0.00	30.47 -0.55 0.00	25.65 -0.50 0.00	23.72 -0.49 0.00	23.28 -0.49 0.00	25.35 -0.55 0.00	39.20 -0.82 0.00	38.49 -0.78 0.00	29.54 -0.52 0.00	28.10 -0.45 0.00	30.46 -0.50 0.00	32.26 -0.57 0.00	34.71 -0.69 0.00	33.38 -0.73 0.00	32.21 -0.64 0.00	34.93 -0.47 0.00	39.51 -0.24 0.00	41.40 -0.44 0.00	47.63 -0.19 0.00	48.22 -0.06 0.00	51.58 0.09 0.00	41.48 0.06 0.00	40.73 -0.03 0.00	35.79 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	36.59 0.48 0.00	30.83 -0.19 0.00	25.83 -0.31 0.00	23.52 -0.69 0.00	22.79 -0.98 0.00	24.75 -1.15 0.00	38.33 -1.69 0.00	38.27 -1.00 0.00	29.58 -0.48 0.00	28.13 -0.41 0.00	30.69 -0.28 0.00	32.27 -0.57 0.00	34.53 -0.88 0.00	32.34 -1.78 0.00	13.04 -1.78 18.02	-15.00 -1.88 48.52	7.91 -1.80 30.04	40.78 -1.06 0.00	48.52 0.69 0.00	49.15 0.87 0.00	52.66 1.17 0.00	42.34 0.92 0.00	41.39 0.64 0.00	36.04 0.20 0.00
MARSHVLE_115KV_TB1 80742	37.19 1.07 0.00	31.91 0.89 0.00	26.87 0.73 0.00	24.86 0.65 0.00	24.45 0.67 0.00	26.67 0.77 0.00	41.52 1.49 0.00	41.20 1.94 0.00	30.82 0.65 -0.12	29.24 0.40 -0.30	31.28 0.31 0.00	32.98 0.14 0.00	35.50 0.12 0.03	34.29 0.17 0.00	33.10 0.26 0.00	35.74 0.34 0.00	40.69 0.94 0.00	43.38 1.54 0.00	49.64 1.81 0.00	50.25 1.97 0.00	53.70 2.20 0.00	43.06 1.63 0.00	42.35 1.60 0.00	37.16 1.32 0.00
MARSH_HILL_WT_PWR 323713	33.91 -2.21 0.00	29.07 -1.95 0.00	24.42 -1.72 0.00	22.76 -1.46 0.00	22.41 -1.36 0.00	24.69 -1.21 0.00	38.09 -1.93 0.00	37.09 -2.17 0.00	28.16 -1.90 0.00	26.83 -1.71 0.00	29.31 -1.66 0.00	30.76 -2.08 0.00	33.60 -1.80 0.00	32.23 -1.88 0.00	30.82 -2.02 0.00	33.01 -2.40 0.00	37.86 -1.89 0.00	40.74 -1.10 0.00	46.75 -1.07 0.00	48.34 0.05 -0.01	51.73 0.22 -0.02	41.20 -0.22 0.00	40.80 0.05 0.00	35.45 -0.39 0.00
MCINTYRE_115KV_TB2 80467	37.39 1.27 0.00	32.09 1.07 0.00	27.07 0.92 0.00	24.98 0.77 0.00	24.50 0.73 0.00	26.83 0.94 0.00	41.74 1.72 0.00	40.82 1.55 0.00	30.88 0.82 0.00	29.00 0.45 0.00	31.27 0.30 0.00	33.09 0.25 0.00	35.50 0.09 0.00	34.31 0.19 0.00	35.38 0.48 -2.05	41.82 0.90 -5.52	44.42 1.25 -3.42	43.31 1.47 0.00	49.68 1.85 0.00	50.43 2.15 0.00	54.34 2.85 0.00	43.55 2.13 0.00	42.56 1.81 0.00	37.17 1.33 0.00
MECO_____69_KV_BK1 80468	37.81 1.69 0.00	32.43 1.41 0.00	27.31 1.17 0.00	25.27 1.06 0.00	24.86 1.09 0.00	27.13 1.24 0.00	42.21 2.19 0.00	41.62 2.35 0.00	31.09 0.92 -0.12	29.30 0.46 -0.30	31.19 0.22 0.00	33.08 0.24 0.00	35.67 0.30 0.03	34.49 0.37 0.00	33.57 0.73 0.00	36.20 0.80 0.00	41.27 1.52 0.00	44.25 2.41 0.00	50.79 2.97 0.00	51.30 3.02 0.00	54.62 3.13 0.00	43.79 2.37 0.00	43.01 2.26 0.00	37.73 1.88 0.00
MENANDS___115KV_TB5 355628	36.43 0.31 0.00	31.39 0.37 0.00	26.51 0.37 0.00	24.66 0.45 0.00	24.30 0.53 0.00	26.44 0.54 0.00	40.69 0.67 0.00	39.99 0.72 0.00	30.83 0.64 -0.13	29.47 0.58 -0.34	31.52 0.56 0.00	33.39 0.56 0.00	36.04 0.67 0.04	34.75 0.63 0.00	33.48 0.63 0.00	36.27 0.87 0.00	40.56 0.81 0.00	42.59 0.75 0.00	48.87 1.05 0.00	49.15 0.86 0.00	52.09 0.60 0.00	42.00 0.58 0.00	41.29 0.53 0.00	36.38 0.54 0.00
MG INDUSTRY___DRP 24185	36.71 0.59 0.00	31.59 0.57 0.00	26.67 0.52 0.00	24.75 0.54 0.00	24.34 0.58 0.00	26.48 0.59 0.00	40.84 0.81 0.00	40.09 0.82 0.00	30.78 0.60 -0.12	29.40 0.54 -0.31	31.50 0.54 0.00	33.42 0.58 0.00	35.99 0.60 0.03	34.64 0.52 0.00	33.30 0.45 0.00	36.18 0.77 0.00	40.43 0.67 0.00	42.59 0.75 0.00	48.87 1.04 0.00	49.21 0.93 0.00	52.22 0.73 0.00	42.09 0.67 0.00	41.42 0.67 0.00	36.53 0.70 0.00

MID___OSWEGATCHIE_HYD 23849	36.31 0.20 0.00	31.10 0.08 0.00	26.25 0.10 0.00	24.27 0.06 0.00	23.79 0.02 0.00	26.10 0.20 0.00	40.58 0.56 0.00	39.78 0.51 0.00	30.25 0.19 0.00	28.57 0.02 0.00	30.67 -0.30 0.00	32.34 -0.50 0.00	34.79 -0.62 0.00	33.45 -0.67 0.00	34.58 -0.04 -1.78	40.34 0.16 -4.78	43.71 1.00 -2.96	42.94 1.10 0.00	49.34 1.52 0.00	50.22 1.92 -0.01	54.08 2.57 -0.02	43.25 1.83 0.00	42.16 1.41 0.00	36.75 0.91 0.00
MID___RAQUETTE_HYD 23851	36.65 0.53 0.00	31.43 0.41 0.00	26.54 0.40 0.00	24.50 0.29 0.00	24.00 0.23 0.00	26.27 0.38 0.00	40.82 0.80 0.00	40.03 0.76 0.00	30.42 0.36 0.00	28.75 0.20 0.00	31.06 0.10 0.00	32.84 0.00 0.00	35.23 -0.17 0.00	33.89 -0.23 0.00	35.48 0.02 -2.61	42.56 0.12 -7.03	44.69 0.58 -4.35	42.63 0.79 0.00	48.93 1.10 0.00	49.68 1.40 0.00	53.51 2.02 0.00	42.89 1.47 0.00	41.91 1.16 0.00	36.64 0.80 0.00
MILLIKEN___1 23584	36.33 0.21 0.00	31.14 0.13 0.00	26.25 0.10 0.00	24.36 0.15 0.00	23.93 0.16 0.00	26.14 0.24 0.00	40.44 0.42 0.00	39.63 0.36 0.00	30.25 0.19 0.00	28.61 0.06 0.00	30.97 0.01 0.00	32.77 -0.07 0.00	35.48 0.07 0.00	34.54 0.43 0.00	33.25 0.41 0.00	35.68 0.28 0.00	40.09 0.33 0.00	42.41 0.57 0.00	48.52 0.70 0.00	49.24 0.93 -0.03	52.36 0.81 -0.06	41.92 0.50 0.00	41.29 0.54 0.00	36.17 0.33 0.00
MILLIKEN___2 23585	36.33 0.21 0.00	31.14 0.13 0.00	26.25 0.10 0.00	24.36 0.15 0.00	23.93 0.16 0.00	26.14 0.24 0.00	40.44 0.42 0.00	39.63 0.36 0.00	30.25 0.19 0.00	28.61 0.06 0.00	30.97 0.01 0.00	32.77 -0.07 0.00	35.48 0.07 0.00	34.54 0.43 0.00	33.25 0.41 0.00	35.68 0.28 0.00	40.09 0.33 0.00	42.41 0.57 0.00	48.52 0.70 0.00	49.24 0.93 -0.03	52.36 0.81 -0.06	41.92 0.50 0.00	41.29 0.54 0.00	36.17 0.33 0.00
MILLIKEN___DIESEL 23629	36.33 0.21 0.00	31.14 0.13 0.00	26.25 0.10 0.00	24.36 0.15 0.00	23.93 0.16 0.00	26.14 0.24 0.00	40.44 0.42 0.00	39.63 0.36 0.00	30.25 0.19 0.00	28.61 0.06 0.00	30.97 0.01 0.00	32.77 -0.07 0.00	35.48 0.07 0.00	34.54 0.43 0.00	33.25 0.41 0.00	35.68 0.28 0.00	40.09 0.33 0.00	42.41 0.57 0.00	48.52 0.70 0.00	49.24 0.93 -0.03	52.36 0.81 -0.06	41.92 0.50 0.00	41.29 0.54 0.00	36.17 0.33 0.00
MILLSEAT___LFGE 323607	35.83 -0.29 0.00	30.84 -0.18 0.00	25.96 -0.18 0.00	23.93 -0.28 0.00	23.47 -0.30 0.00	25.74 -0.16 0.00	39.74 -0.28 0.00	38.78 -0.49 0.00	29.45 -0.61 0.00	28.11 -0.44 0.00	30.83 -0.13 0.00	32.74 -0.10 0.00	34.93 -0.47 0.00	33.57 -0.55 0.00	32.22 -0.62 0.00	33.93 -1.48 0.00	38.16 -1.60 0.00	40.78 -1.06 0.00	46.36 -1.46 0.00	47.39 -0.90 0.00	50.90 -0.59 0.00	40.45 -0.98 0.00	40.10 -0.65 0.00	35.01 -0.83 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.47 1.35 0.00	32.10 1.08 0.00	26.93 0.78 0.00	24.94 0.73 0.00	24.52 0.75 0.00	26.76 0.86 0.00	41.48 1.46 0.00	40.92 1.65 0.00	32.18 1.41 -0.71	31.86 1.53 -1.78	32.68 1.72 0.00	34.72 1.88 0.00	37.56 2.11 -0.05	36.19 2.08 0.00	34.75 1.90 0.00	37.63 2.23 0.00	42.07 2.32 0.00	44.00 2.16 0.00	50.21 2.39 0.00	50.41 2.13 0.00	53.27 1.78 0.00	43.01 1.59 0.00	42.52 1.77 0.00	37.43 1.59 0.00
MILLWOOD_13_KV_LOAD 356217	37.51 1.40 0.00	32.14 1.12 0.00	26.97 0.83 0.00	24.97 0.76 0.00	24.54 0.78 0.00	26.80 0.90 0.00	41.55 1.53 0.00	40.98 1.71 0.00	32.21 1.44 -0.71	31.91 1.58 -1.78	32.73 1.77 0.00	34.78 1.94 0.00	37.63 2.18 -0.05	36.25 2.14 0.00	34.81 1.96 0.00	37.69 2.29 0.00	42.15 2.40 0.00	44.08 2.24 0.00	50.30 2.48 0.00	50.51 2.23 0.00	53.38 1.88 0.00	43.09 1.66 0.00	42.59 1.84 0.00	37.49 1.65 0.00
MODEL_CITY_ENERGY 24167	34.74 -1.38 0.00	29.97 -1.05 0.00	25.23 -0.91 0.00	23.25 -0.96 0.00	22.76 -1.01 0.00	24.96 -0.94 0.00	38.41 -1.61 0.00	37.32 -1.94 0.00	28.41 -1.65 0.00	27.15 -1.40 0.00	29.66 -1.30 0.00	31.42 -1.42 0.00	33.49 -1.92 0.00	32.18 -1.94 0.00	30.98 -1.87 0.00	32.65 -2.75 0.00	36.72 -3.03 0.00	39.18 -2.66 0.00	44.54 -3.29 0.00	45.51 -2.77 0.00	48.91 -2.58 0.00	38.89 -2.54 0.00	38.73 -2.02 0.00	33.88 -1.96 0.00
MODERN_LFGE___ 323580	34.74 -1.38 0.00	29.97 -1.05 0.00	25.23 -0.91 0.00	23.25 -0.96 0.00	22.76 -1.01 0.00	24.96 -0.94 0.00	38.41 -1.61 0.00	37.32 -1.94 0.00	28.41 -1.65 0.00	27.15 -1.40 0.00	29.66 -1.30 0.00	31.42 -1.42 0.00	33.49 -1.92 0.00	32.18 -1.94 0.00	30.98 -1.87 0.00	32.65 -2.75 0.00	36.72 -3.03 0.00	39.18 -2.66 0.00	44.54 -3.29 0.00	45.51 -2.77 0.00	48.91 -2.58 0.00	38.89 -2.54 0.00	38.73 -2.02 0.00	33.88 -1.96 0.00
MOHAWK_PAPER___DRP 24187	36.74 0.62 0.00	31.69 0.67 0.00	26.76 0.62 0.00	24.83 0.62 0.00	24.43 0.66 0.00	26.59 0.70 0.00	40.97 0.94 0.00	40.29 1.02 0.00	31.02 0.83 -0.13	29.62 0.73 -0.34	31.68 0.72 0.00	33.57 0.73 0.00	36.25 0.88 0.04	34.94 0.82 0.00	33.66 0.82 0.00	36.48 1.08 0.00	40.85 1.09 0.00	42.93 1.10 0.00	49.28 1.46 0.00	49.57 1.29 0.00	52.55 1.05 0.00	42.33 0.91 0.00	41.61 0.86 0.00	36.65 0.81 0.00
MOHICAN___35_KV_115KV_LD 80490	38.56 2.44 0.00	33.10 2.09 0.00	27.85 1.71 0.00	25.81 1.60 0.00	25.41 1.65 0.00	27.75 1.86 0.00	43.00 2.98 0.00	42.33 3.06 0.00	32.27 2.09 -0.12	30.53 1.67 -0.32	32.41 1.45 0.00	34.35 1.51 0.00	37.12 1.76 0.05	35.74 1.62 0.00	34.57 1.73 0.00	37.66 2.25 0.00	42.31 2.56 0.00	44.73 2.89 0.00	51.94 4.12 0.00	52.34 4.06 0.00	55.47 3.98 0.00	44.52 3.10 0.00	43.69 2.94 0.00	38.34 2.50 0.00
MONGAUP___HYD 23641	37.29 1.17 0.00	31.95 0.93 0.00	26.85 0.70 0.00	24.88 0.67 0.00	24.48 0.71 0.00	26.72 0.82 0.00	41.40 1.38 0.00	40.73 1.46 0.00	30.48 1.13 0.72	27.75 1.04 1.83	31.97 1.00 0.00	33.93 1.10 0.00	36.70 1.25 -0.04	35.40 1.28 0.00	34.11 1.27 0.00	36.87 1.47 0.00	41.42 1.66 0.00	43.82 1.98 0.00	50.17 2.34 0.00	50.50 2.21 0.00	53.47 1.98 0.00	43.06 1.64 0.00	42.46 1.71 0.00	37.32 1.48 0.00
MONTAUK___DIESEL 23721	38.94 2.83 0.00	33.21 2.19 0.00	32.12 1.68 -4.29	26.82 1.61 -1.00	28.51 1.71 -3.03	31.17 1.95 -3.32	43.97 3.26 -0.68	42.98 3.71 0.00	33.62 2.89 -0.68	34.34 2.97 -2.83	43.36 3.40 -8.99	36.88 3.40 -0.64	38.78 3.32 -0.05	42.06 3.19 -4.75	40.72 2.90 -4.98	43.59 3.50 -4.69	61.45 3.79 -17.91	59.35 3.78 -13.73	64.20 4.25 -12.13	63.04 4.06 -10.70	57.40 3.36 -2.55	48.78 2.73 -4.62	47.94 2.88 -4.30	42.13 2.15 -4.14
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.12 -2.00 0.00	29.22 -1.80 0.00	24.49 -1.66 0.00	22.71 -1.49 0.00	22.44 -1.33 0.00	24.48 -1.42 0.00	37.94 -2.08 0.00	37.40 -1.87 0.00	28.82 -1.23 0.00	27.74 -0.81 0.00	30.67 -0.30 0.00	32.95 0.11 0.00	35.43 0.03 0.00	33.90 -0.22 0.00	32.74 -0.10 0.00	34.66 -0.74 0.00	39.13 -0.62 0.00	41.65 -0.19 0.00	47.08 -0.74 0.00	47.98 -0.30 0.00	51.28 -0.22 0.00	40.56 -0.86 0.00	40.35 -0.40 0.00	34.91 -0.93 0.00

MORRIS_RIDGE___SOLAR 323848	34.51 -1.60 0.00	29.66 -1.36 0.00	24.90 -1.24 0.00	23.10 -1.11 0.00	22.71 -1.06 0.00	24.93 -0.96 0.00	38.47 -1.56 0.00	37.50 -1.77 0.00	28.35 -1.71 0.00	27.03 -1.52 0.00	29.78 -1.18 0.00	31.53 -1.31 0.00	34.10 -1.30 0.00	32.68 -1.44 0.00	31.30 -1.54 0.00	33.36 -2.04 0.00	37.92 -1.83 0.00	40.61 -1.23 0.00	46.29 -1.53 0.00	47.49 -0.81 -0.01	50.86 -0.65 -0.02	40.47 -0.95 0.00	40.15 -0.60 0.00	34.94 -0.90 0.00
MORTIMER_115KV_TB3 55949	35.83 -0.28 0.00	30.79 -0.23 0.00	25.93 -0.21 0.00	23.97 -0.23 0.00	23.52 -0.24 0.00	25.74 -0.16 0.00	39.78 -0.25 0.00	38.94 -0.33 0.00	29.74 -0.32 0.00	28.35 -0.19 0.00	30.95 -0.01 0.00	32.87 0.03 0.00	35.26 -0.14 0.00	33.95 -0.17 0.00	32.66 -0.18 0.00	34.71 -0.69 0.00	39.02 -0.74 0.00	41.36 -0.48 0.00	47.14 -0.68 0.00	47.88 -0.40 0.00	51.17 -0.32 0.00	40.84 -0.58 0.00	40.28 -0.48 0.00	35.22 -0.62 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.73 1.61 0.00	32.31 1.29 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.00 0.00	41.74 1.72 0.00	41.20 1.93 0.00	32.39 1.65 -0.68	32.07 1.83 -1.70	33.01 2.05 0.00	35.07 2.23 0.00	37.96 2.50 -0.05	36.58 2.46 0.00	35.10 2.25 0.00	37.99 2.59 0.00	42.47 2.72 0.00	44.34 2.50 0.00	50.55 2.73 0.00	50.75 2.46 0.00	53.58 2.08 0.00	43.28 1.86 0.00	42.82 2.07 0.00	37.68 1.84 0.00
MUNSVILLE_WIND_PWR 323609	36.87 0.75 0.00	31.48 0.46 0.00	26.56 0.41 0.00	24.67 0.46 0.00	24.19 0.42 0.00	26.43 0.54 0.00	41.01 0.98 0.00	40.26 0.99 0.00	30.82 0.76 0.00	29.30 0.76 0.00	31.49 0.53 0.00	32.98 0.14 0.00	35.43 0.03 0.00	34.53 0.41 0.00	33.30 0.46 0.00	36.57 1.17 0.00	41.24 1.49 0.00	43.57 1.72 0.00	50.29 2.47 0.00	51.85 3.54 -0.02	55.19 3.66 -0.04	44.14 2.72 0.00	43.53 2.78 0.00	38.00 2.16 0.00
N SALMON___HYD 24042	36.76 0.64 0.00	31.31 0.29 0.00	26.31 0.17 0.00	24.19 -0.02 0.00	23.63 -0.14 0.00	25.76 -0.13 0.00	40.09 0.06 0.00	39.64 0.37 0.00	30.28 0.23 0.00	28.72 0.18 0.00	31.18 0.21 0.00	32.87 0.03 0.00	35.16 -0.24 0.00	33.56 -0.56 -11.52	43.83 -0.54 -31.02	65.97 -0.46 -19.21	58.93 -0.03 0.00	42.36 0.52 0.00	49.25 1.42 0.00	49.93 1.65 0.00	53.65 2.16 0.00	42.98 1.56 0.00	41.99 1.24 0.00	36.64 0.79 0.00
N.AKRON__115KV_KNAPP 355671	35.75 -0.37 0.00	30.78 -0.24 0.00	25.91 -0.24 0.00	23.88 -0.33 0.00	23.41 -0.36 0.00	25.67 -0.22 0.00	39.63 -0.39 0.00	38.66 -0.61 0.00	29.38 -0.68 0.00	28.07 -0.47 0.00	30.76 -0.20 0.00	32.65 -0.19 0.00	34.84 -0.56 0.00	33.50 -0.62 0.00	32.16 -0.68 0.00	33.83 -1.57 0.00	38.05 -1.70 0.00	40.62 -1.22 0.00	46.20 -1.62 0.00	47.21 -1.07 0.00	50.74 -0.75 0.00	40.33 -1.09 0.00	40.02 -0.73 0.00	34.93 -0.91 0.00
N.E_GEN_SANDY PD 24062	39.39 1.16 -2.11	37.56 1.02 -5.52	39.53 0.82 -12.56	27.79 0.76 -2.82	28.51 0.76 -3.99	27.90 0.82 -1.18	41.26 1.24 0.00	41.04 1.41 -0.36	31.17 1.12 0.01	30.32 1.04 -0.73	32.01 1.05 0.00	33.94 1.11 0.00	36.30 1.28 0.39	35.28 1.19 0.03	34.00 1.15 0.00	37.18 1.47 -0.30	39.35 1.43 1.84	41.90 1.31 1.25	49.57 1.75 0.00	49.67 1.51 0.12	51.30 1.22 1.41	45.64 1.15 -3.08	41.89 1.14 0.00	36.90 1.06 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.38 1.26 0.00	32.01 0.99 0.00	26.86 0.72 0.00	24.90 0.69 0.00	24.47 0.70 0.00	26.71 0.81 0.00	41.40 1.38 0.00	40.79 1.52 0.00	30.35 1.30 1.01	27.49 1.45 2.51	32.63 1.67 0.00	34.68 1.85 0.00	37.52 2.08 -0.04	36.16 2.05 0.00	34.72 1.88 0.00	37.61 2.21 0.00	42.07 2.32 0.00	44.01 2.17 0.00	50.16 2.34 0.00	50.34 2.05 0.00	53.20 1.71 0.00	42.95 1.52 0.00	42.46 1.71 0.00	37.37 1.53 0.00
N.QUEENS_27_KV_LOAD 356247	37.65 1.54 0.00	32.23 1.21 0.00	27.00 0.86 0.00	25.00 0.79 0.00	24.55 0.79 0.00	26.85 0.96 0.00	41.61 1.59 0.00	41.23 1.96 0.00	32.45 1.71 -0.68	32.11 1.87 -1.70	33.04 2.07 0.00	35.13 2.30 0.00	37.98 2.52 -0.05	36.62 2.50 0.00	35.18 2.34 0.00	37.99 2.58 0.00	42.41 2.66 0.00	44.14 2.29 0.00	50.29 2.46 0.00	50.59 2.30 0.00	53.41 1.92 0.00	43.24 1.82 0.00	42.75 1.99 0.00	37.59 1.74 0.00
N.TROY___115KV_TB1 355778	37.42 1.30 0.00	32.15 1.13 0.00	27.10 0.96 0.00	25.09 0.88 0.00	24.65 0.88 0.00	26.85 0.95 0.00	41.42 1.40 0.00	40.74 1.47 0.00	31.28 1.09 -0.14	29.83 0.93 -0.35	31.84 0.88 0.00	33.76 0.92 0.00	36.42 1.08 0.06	35.11 0.99 0.00	33.83 0.99 0.00	36.69 1.29 0.00	41.05 1.29 0.00	43.19 1.35 0.00	49.72 1.90 0.00	50.00 1.72 0.00	53.01 1.52 0.00	42.74 1.32 0.00	42.01 1.26 0.00	37.00 1.16 0.00
NARROWS_GT1_1 24228	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT1_2 24229	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT1_3 24230	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT1_4 24231	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT1_5 24232	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00

NARROWS_GT1_6 24233	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT1_7 24234	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT1_8 24235	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT2_1 24236	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT2_2 24237	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT2_3 24238	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT2_4 24239	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT2_5 24240	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT2_6 24241	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT2_7 24242	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NARROWS_GT2_8 24243	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.31 1.19 0.00	32.07 1.05 0.00	27.08 0.94 0.00	25.14 0.93 0.00	24.72 0.95 0.00	26.94 1.05 0.00	41.52 1.50 0.00	41.00 1.73 0.00	31.26 1.20 0.00	29.37 0.83 0.00	31.69 0.73 0.00	33.54 0.70 0.00	36.16 0.75 0.00	34.75 0.63 0.00	33.52 0.67 0.00	36.61 1.20 0.00	40.93 1.17 0.00	43.15 1.30 0.00	49.82 2.00 0.00	50.24 1.96 0.00	53.26 1.78 0.00	42.82 1.40 0.00	41.98 1.23 0.00	36.95 1.10 0.00
NCHELSEA_115KV_TR2 355582	37.65 1.53 0.00	32.27 1.26 0.00	27.10 0.96 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.91 1.01 0.00	41.74 1.72 0.00	41.25 1.98 0.00	31.81 1.62 -0.13	31.15 1.77 -0.84	32.90 1.94 0.00	34.83 1.99 0.00	37.70 2.26 -0.04	36.35 2.24 0.00	34.94 2.09 0.00	37.86 2.45 0.00	42.42 2.67 0.00	44.44 2.60 0.00	50.74 2.91 0.00	50.98 2.69 0.00	53.87 2.38 0.00	43.42 2.00 0.00	42.83 2.08 0.00	37.67 1.83 0.00
NEG CAPITAL___MECHNVIL 23645	37.95 1.83 0.00	32.60 1.58 0.00	27.47 1.33 0.00	25.44 1.23 0.00	25.01 1.24 0.00	27.27 1.37 0.00	42.17 2.14 0.00	41.46 2.19 0.00	31.72 1.53 -0.13	30.18 1.30 -0.33	32.20 1.23 0.00	34.16 1.33 0.00	36.90 1.55 0.05	35.56 1.44 0.00	34.30 1.46 0.00	37.22 1.82 0.00	41.79 2.04 0.00	44.12 2.29 0.00	50.87 3.05 0.00	51.20 2.92 0.00	54.29 2.79 0.00	43.65 2.22 0.00	42.87 2.12 0.00	37.69 1.85 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.25 -0.87 0.00	30.27 -0.75 0.00	25.49 -0.65 0.00	23.58 -0.63 0.00	23.15 -0.62 0.00	25.33 -0.57 0.00	39.17 -0.85 0.00	38.35 -0.92 0.00	29.28 -0.77 0.00	27.87 -0.68 0.00	30.39 -0.58 0.00	32.24 -0.59 0.00	34.71 -0.70 0.00	33.43 -0.69 0.00	32.16 -0.69 0.00	34.29 -1.11 0.00	38.56 -1.19 0.00	40.80 -1.04 0.00	46.51 -1.32 0.00	47.18 -1.10 0.00	50.35 -1.14 0.00	40.23 -1.20 0.00	39.62 -1.13 0.00	34.68 -1.16 0.00

NEG CENTRAL___DRP 24199	35.89 -0.23 0.00	30.79 -0.23 0.00	25.93 -0.21 0.00	24.06 -0.16 0.00	23.64 -0.13 0.00	25.85 -0.05 0.00	39.97 -0.05 0.00	39.15 -0.12 0.00	29.88 -0.17 0.00	28.32 -0.22 0.00	30.79 -0.17 0.00	32.63 -0.20 0.00	35.39 -0.02 0.00	34.28 0.16 0.00	32.92 0.08 0.00	35.17 -0.24 0.00	39.55 -0.20 0.00	41.80 -0.04 0.00	47.72 -0.10 0.00	48.46 0.14 -0.03	51.63 0.07 -0.06	41.31 -0.12 0.00	40.68 -0.07 0.00	35.65 -0.19 0.00
NEG CENTRAL___INDECK 23768	36.30 0.18 0.00	31.15 0.13 0.00	26.19 0.04 0.00	24.26 0.05 0.00	23.84 0.07 0.00	26.19 0.29 0.00	40.54 0.51 0.00	39.63 0.36 0.00	29.97 -0.09 0.00	28.29 -0.25 0.00	31.16 0.20 0.00	33.29 0.45 0.00	35.79 0.38 0.00	34.24 0.12 0.00	32.94 0.10 0.00	34.90 -0.50 0.00	39.56 -0.19 0.00	42.62 0.77 0.00	48.53 0.71 0.00	49.70 1.42 0.00	53.24 1.75 0.00	42.32 0.90 0.00	41.76 1.01 0.00	36.33 0.48 0.00
NEG CENTRAL___SENECA 23627	35.86 -0.25 0.00	30.77 -0.25 0.00	25.89 -0.25 0.00	24.03 -0.18 0.00	23.61 -0.16 0.00	25.84 -0.05 0.00	39.99 -0.04 0.00	39.17 -0.10 0.00	29.87 -0.18 0.00	28.34 -0.20 0.00	30.82 -0.14 0.00	32.67 -0.17 0.00	35.49 0.08 0.00	34.34 0.22 0.00	32.93 0.09 0.00	35.11 -0.29 0.00	39.58 -0.18 0.00	41.83 -0.01 0.00	47.74 -0.08 0.00	48.57 0.27 -0.02	51.77 0.25 -0.03	41.38 -0.04 0.00	40.78 0.03 0.00	35.69 -0.15 0.00
NEG CENTRAL___STATE_STREET 24147	36.04 -0.08 0.00	30.92 -0.10 0.00	26.06 -0.08 0.00	24.24 0.03 0.00	23.82 0.05 0.00	26.00 0.10 0.00	40.20 0.18 0.00	39.35 0.08 0.00	30.05 -0.01 0.00	28.48 -0.07 0.00	30.93 -0.03 0.00	32.76 -0.08 0.00	35.44 0.03 0.00	34.38 0.27 0.00	33.07 0.22 0.00	35.34 -0.06 0.00	39.65 -0.10 0.00	42.05 0.21 0.00	48.04 0.22 0.00	48.65 0.32 -0.04	51.67 0.10 -0.08	41.47 0.04 0.00	40.85 0.10 0.00	35.79 -0.06 0.00
NEG MILLWOOD___DRP 24198	37.77 1.65 0.00	32.37 1.35 0.00	27.16 1.01 0.00	25.14 0.93 0.00	24.71 0.94 0.00	26.98 1.08 0.00	41.87 1.85 0.00	41.34 2.07 0.00	32.11 1.72 -0.34	31.42 1.82 -1.06	32.95 1.99 0.00	34.96 2.12 0.00	37.85 2.41 -0.04	36.48 2.36 0.00	35.06 2.21 0.00	37.99 2.59 0.00	42.53 2.78 0.00	44.53 2.69 0.00	50.84 3.02 0.00	51.07 2.78 0.00	53.95 2.46 0.00	43.49 2.07 0.00	42.91 2.16 0.00	37.73 1.89 0.00
NEG NORTH_FLCN_SEA 23793	36.86 0.74 0.00	31.20 0.18 0.00	26.16 0.02 0.00	23.93 -0.28 0.00	23.24 -0.53 0.00	25.26 -0.64 0.00	39.14 -0.88 0.00	38.94 -0.33 0.00	29.97 -0.09 0.00	28.43 -0.11 0.00	30.98 0.01 0.00	32.66 -0.17 0.00	34.98 -0.43 0.00	32.94 -1.18 0.00	13.63 -1.19 18.02	-14.34 -1.22 48.52	8.53 -1.18 30.04	41.35 -0.49 0.00	48.67 0.84 0.00	49.30 1.02 0.00	52.82 1.32 0.00	42.46 1.03 0.00	41.56 0.81 0.00	36.24 0.40 0.00
NEG NORTH_KES_CHATEGAY 23792	36.41 0.29 0.00	30.93 -0.08 0.00	25.97 -0.17 0.00	23.84 -0.37 0.00	23.24 -0.53 0.00	25.28 -0.62 0.00	39.25 -0.77 0.00	38.84 -0.43 0.00	29.76 -0.30 0.00	28.27 -0.27 0.00	30.76 -0.20 0.00	32.43 -0.41 0.00	34.67 -0.73 0.00	32.97 -1.15 0.00	11.88 -1.17 19.79	-19.10 -1.23 53.27	5.72 -1.05 32.99	41.44 -0.40 0.00	48.41 0.59 0.00	49.04 0.76 0.00	52.67 1.18 0.00	42.28 0.86 0.00	41.35 0.60 0.00	36.12 0.28 0.00
NEG NORTH___ALICE_FALLS 23915	36.89 0.77 0.00	31.26 0.24 0.00	26.22 0.07 0.00	24.00 -0.20 0.00	23.34 -0.43 0.00	25.39 -0.51 0.00	39.38 -0.64 0.00	39.12 -0.15 0.00	30.01 -0.05 0.00	28.45 -0.10 0.00	30.99 0.03 0.00	32.66 -0.18 0.00	34.97 -0.44 0.00	33.03 -1.08 0.00	13.40 -1.10 18.34	-15.12 -1.14 49.38	8.16 -1.01 30.58	41.63 -0.21 0.00	49.02 1.19 0.00	49.66 1.38 0.00	53.22 1.72 0.00	42.72 1.30 0.00	41.80 1.05 0.00	36.44 0.60 0.00
NEG NORTH___LWR_SARANAC 23913	36.89 0.77 0.00	31.26 0.24 0.00	26.22 0.07 0.00	24.00 -0.20 0.00	23.34 -0.43 0.00	25.39 -0.51 0.00	39.38 -0.64 0.00	39.12 -0.15 0.00	30.01 -0.05 0.00	28.45 -0.10 0.00	30.99 0.03 0.00	32.66 -0.18 0.00	34.97 -0.44 0.00	33.03 -1.08 0.00	13.40 -1.10 18.34	-15.12 -1.14 49.38	8.16 -1.01 30.58	41.63 -0.21 0.00	49.02 1.19 0.00	49.66 1.38 0.00	53.22 1.72 0.00	42.72 1.30 0.00	41.80 1.05 0.00	36.44 0.60 0.00
NEG NORTH___PLATTSBURG 23628	36.89 0.77 0.00	31.26 0.24 0.00	26.22 0.07 0.00	24.00 -0.20 0.00	23.34 -0.43 0.00	25.39 -0.51 0.00	39.38 -0.64 0.00	39.12 -0.15 0.00	30.01 -0.05 0.00	28.45 -0.10 0.00	30.99 0.03 0.00	32.66 -0.18 0.00	34.97 -0.44 0.00	33.03 -1.08 0.00	13.41 -1.10 18.34	-15.13 -1.15 49.38	8.16 -1.01 30.58	41.63 -0.21 0.00	49.02 1.19 0.00	49.66 1.38 0.00	53.22 1.72 0.00	42.72 1.30 0.00	41.80 1.04 0.00	36.44 0.60 0.00
NEG WEST_LEA_LOCKPORT 23791	34.99 -1.13 0.00	30.17 -0.86 0.00	25.39 -0.75 0.00	23.40 -0.81 0.00	22.92 -0.85 0.00	25.13 -0.77 0.00	38.70 -1.32 0.00	37.68 -1.59 0.00	28.70 -1.36 0.00	27.42 -1.13 0.00	29.98 -0.98 0.00	31.78 -1.06 0.00	33.91 -1.49 0.00	32.58 -1.54 0.00	31.34 -1.51 0.00	33.00 -2.40 0.00	37.13 -2.62 0.00	39.59 -2.25 0.00	45.05 -2.77 0.00	46.03 -2.25 0.00	49.48 -2.01 0.00	39.34 -2.08 0.00	39.14 -1.61 0.00	34.18 -1.66 0.00
NEG WEST___LANCASTR 23811	34.80 -1.32 0.00	29.94 -1.08 0.00	25.18 -0.96 0.00	23.29 -0.92 0.00	22.84 -0.92 0.00	25.05 -0.85 0.00	38.68 -1.34 0.00	37.80 -1.47 0.00	28.88 -1.17 0.00	27.62 -0.93 0.00	30.20 -0.77 0.00	32.02 -0.82 0.00	34.30 -1.11 0.00	32.88 -1.24 0.00	31.58 -1.27 0.00	33.38 -2.02 0.00	37.66 -2.09 0.00	40.03 -1.81 0.00	45.55 -2.27 0.00	46.50 -1.78 0.00	49.89 -1.60 0.00	39.62 -1.80 0.00	39.39 -1.36 0.00	34.26 -1.58 0.00
NEG_PENN_ALLEGHNY 23528	35.98 -0.14 0.00	30.87 -0.15 0.00	26.00 -0.14 0.00	24.14 -0.07 0.00	23.71 -0.06 0.00	25.89 -0.01 0.00	40.02 0.00 0.00	39.26 -0.01 0.00	30.08 0.03 0.00	28.64 0.09 0.00	31.08 0.12 0.00	32.93 0.10 0.00	35.60 0.19 0.00	34.31 0.19 0.00	32.99 0.14 0.00	35.41 0.01 0.00	39.83 0.08 0.00	42.01 0.17 0.00	47.91 0.09 0.00	48.63 0.32 -0.02	51.77 0.24 -0.04	41.42 0.00 0.00	40.91 0.16 0.00	35.83 -0.01 0.00
NEG___GEN_MONROE 24207	36.08 -0.04 0.00	31.06 0.04 0.00	26.13 -0.01 0.00	24.13 -0.07 0.00	23.69 -0.07 0.00	25.92 0.02 0.00	40.12 0.10 0.00	39.24 -0.03 0.00	29.89 -0.17 0.00	28.45 -0.10 0.00	31.09 0.12 0.00	33.11 0.27 0.00	35.49 0.09 0.00	34.14 0.02 0.00	32.83 -0.02 0.00	34.81 -0.59 0.00	39.13 -0.62 0.00	41.55 -0.29 0.00	47.35 -0.47 0.00	48.15 -0.14 0.00	51.51 0.02 0.00	41.08 -0.35 0.00	40.53 -0.23 0.00	35.43 -0.42 0.00
NEPA___ENERGY 23901	34.74 -1.38 0.00	29.82 -1.20 0.00	25.05 -1.09 0.00	23.26 -0.95 0.00	22.85 -0.92 0.00	25.04 -0.86 0.00	38.61 -1.41 0.00	37.63 -1.64 0.00	28.88 -1.18 0.00	27.77 -0.78 0.00	30.44 -0.53 0.00	32.37 -0.47 0.00	34.82 -0.59 0.00	33.32 -0.80 0.00	31.96 -0.89 0.00	33.89 -1.51 0.00	38.24 -1.51 0.00	40.61 -1.23 0.00	46.12 -1.71 0.00	47.13 -1.16 0.00	50.38 -1.11 0.00	40.00 -1.43 0.00	39.86 -0.89 0.00	34.61 -1.23 0.00

NEVERSINK___HYD 23608	36.90 0.78 0.00	31.61 0.59 0.00	26.56 0.42 0.00	24.62 0.41 0.00	24.19 0.42 0.00	26.40 0.50 0.00	40.92 0.90 0.00	40.26 0.99 0.00	30.61 0.82 0.27	28.58 0.83 0.79	31.84 0.88 0.00	33.83 0.99 0.00	36.46 1.03 -0.03	34.40 0.28 0.00	33.06 0.22 0.00	35.70 0.30 0.00	40.05 0.30 0.00	42.20 0.36 0.00	48.15 0.33 0.00	48.40 0.12 0.00	51.40 -0.09 0.00	42.51 1.09 0.00	41.92 1.17 0.00	36.86 1.02 0.00
NEWKRMKL_115KV_TB1 55635	36.28 0.16 0.00	31.24 0.22 0.00	26.40 0.26 0.00	24.55 0.34 0.00	24.18 0.41 0.00	26.31 0.41 0.00	40.47 0.45 0.00	39.77 0.50 0.00	30.68 0.49 -0.13	29.31 0.44 -0.33	31.37 0.41 0.00	33.22 0.38 0.00	35.84 0.47 0.04	34.57 0.46 0.00	33.33 0.48 0.00	36.11 0.71 0.00	40.39 0.63 0.00	42.42 0.57 0.00	48.65 0.83 0.00	48.93 0.65 0.00	51.85 0.36 0.00	41.79 0.37 0.00	41.08 0.33 0.00	36.20 0.35 0.00
NEWTON___FALLS_HYD 23847	36.31 0.20 0.00	31.10 0.08 0.00	26.25 0.10 0.00	24.27 0.06 0.00	23.79 0.02 0.00	26.10 0.20 0.00	40.58 0.56 0.00	39.78 0.51 0.00	30.25 0.19 0.00	28.57 0.02 0.00	30.67 -0.30 0.00	32.34 -0.50 0.00	34.79 -0.62 0.00	33.45 -0.67 0.00	34.58 -0.04 -1.78	40.34 0.16 -4.78	43.71 1.00 -2.96	42.94 1.10 0.00	49.34 1.52 0.00	50.22 1.92 -0.01	54.08 2.57 -0.02	43.25 1.83 0.00	42.16 1.41 0.00	36.75 0.91 0.00
NGRID_A1_DSASP 323792	34.52 -1.60 0.00	29.78 -1.24 0.00	25.08 -1.07 0.00	23.11 -1.11 0.00	22.61 -1.16 0.00	24.79 -1.11 0.00	38.13 -1.89 0.00	37.19 -2.08 0.00	28.36 -1.70 0.00	27.07 -1.48 0.00	29.54 -1.43 0.00	31.29 -1.55 0.00	33.33 -2.07 0.00	32.04 -2.08 0.00	30.85 -2.00 0.00	32.52 -2.88 0.00	36.60 -3.15 0.00	38.82 -3.02 0.00	44.10 -3.73 0.00	45.04 -3.25 0.00	48.40 -3.09 0.00	38.48 -2.94 0.00	38.51 -2.25 0.00	33.63 -2.21 0.00
NGRID_A2_DSASP 323793	34.52 -1.60 0.00	29.78 -1.24 0.00	25.08 -1.07 0.00	23.11 -1.11 0.00	22.61 -1.16 0.00	24.79 -1.11 0.00	38.13 -1.89 0.00	37.19 -2.08 0.00	28.36 -1.70 0.00	27.07 -1.48 0.00	29.54 -1.43 0.00	31.29 -1.55 0.00	33.33 -2.07 0.00	32.04 -2.08 0.00	30.85 -2.00 0.00	32.52 -2.88 0.00	36.60 -3.15 0.00	38.82 -3.02 0.00	44.10 -3.73 0.00	45.04 -3.25 0.00	48.40 -3.09 0.00	38.48 -2.94 0.00	38.51 -2.25 0.00	33.63 -2.21 0.00
NGRID_A4_DSASP 323807	34.52 -1.60 0.00	29.78 -1.24 0.00	25.08 -1.07 0.00	23.11 -1.11 0.00	22.61 -1.16 0.00	24.79 -1.11 0.00	38.13 -1.89 0.00	37.19 -2.08 0.00	28.36 -1.70 0.00	27.07 -1.48 0.00	29.54 -1.43 0.00	31.29 -1.55 0.00	33.33 -2.07 0.00	32.04 -2.08 0.00	30.85 -2.00 0.00	32.52 -2.88 0.00	36.60 -3.15 0.00	38.82 -3.02 0.00	44.10 -3.73 0.00	45.04 -3.25 0.00	48.40 -3.09 0.00	38.48 -2.94 0.00	38.51 -2.25 0.00	33.63 -2.21 0.00
NIAGARA_115E_LBMP 323715	34.60 -1.52 0.00	29.84 -1.18 0.00	25.13 -1.02 0.00	23.16 -1.05 0.00	22.67 -1.10 0.00	24.84 -1.05 0.00	38.22 -1.80 0.00	37.11 -2.16 0.00	28.24 -1.82 0.00	26.98 -1.56 0.00	29.47 -1.49 0.00	31.22 -1.62 0.00	33.26 -2.14 0.00	31.98 -2.14 0.00	30.78 -2.06 0.00	32.44 -2.96 0.00	36.49 -3.26 0.00	38.93 -2.91 0.00	44.24 -3.58 0.00	45.22 -3.06 0.00	48.58 -2.91 0.00	38.64 -2.78 0.00	38.49 -2.26 0.00	33.70 -2.14 0.00
NIAGARA_115W_LBMP 323714	34.45 -1.67 0.00	29.72 -1.30 0.00	25.02 -1.12 0.00	23.06 -1.15 0.00	22.57 -1.20 0.00	24.75 -1.15 0.00	38.06 -1.97 0.00	37.11 -2.15 0.00	28.30 -1.76 0.00	27.01 -1.53 0.00	29.48 -1.49 0.00	31.22 -1.61 0.00	33.27 -2.14 0.00	31.97 -2.15 0.00	30.79 -2.06 0.00	32.45 -2.95 0.00	36.53 -3.23 0.00	38.72 -3.12 0.00	43.99 -3.84 0.00	44.92 -3.37 0.00	48.27 -3.22 0.00	38.39 -3.04 0.00	38.43 -2.32 0.00	33.57 -2.27 0.00
NIAGARA_230_LBMP 323716	34.66 -1.45 0.00	29.90 -1.12 0.00	25.18 -0.96 0.00	23.22 -0.99 0.00	22.73 -1.04 0.00	24.92 -0.98 0.00	38.35 -1.67 0.00	37.40 -1.86 0.00	28.52 -1.54 0.00	27.22 -1.32 0.00	29.70 -1.27 0.00	31.48 -1.36 0.00	33.56 -1.84 0.00	32.25 -1.87 0.00	31.03 -1.81 0.00	32.74 -2.66 0.00	36.88 -2.88 0.00	39.25 -2.59 0.00	44.65 -3.17 0.00	45.59 -2.69 0.00	48.99 -2.50 0.00	38.95 -2.47 0.00	38.79 -1.96 0.00	33.86 -1.98 0.00
NIAGARA___115KV_198_GIBSON 55903	34.45 -1.67 0.00	29.72 -1.30 0.00	25.03 -1.11 0.00	23.06 -1.15 0.00	22.57 -1.20 0.00	24.74 -1.16 0.00	38.06 -1.97 0.00	37.12 -2.15 0.00	28.30 -1.76 0.00	27.01 -1.54 0.00	29.49 -1.48 0.00	31.24 -1.60 0.00	33.32 -2.09 0.00	32.02 -2.10 0.00	30.83 -2.01 0.00	32.46 -2.94 0.00	36.54 -3.21 0.00	38.71 -3.13 0.00	43.98 -3.84 0.00	44.91 -3.37 0.00	48.27 -3.22 0.00	38.40 -3.02 0.00	38.44 -2.31 0.00	33.57 -2.27 0.00
NIAGARA____ 23760	34.66 -1.45 0.00	29.90 -1.12 0.00	25.18 -0.96 0.00	23.22 -0.99 0.00	22.73 -1.04 0.00	24.92 -0.98 0.00	38.35 -1.67 0.00	37.40 -1.86 0.00	28.52 -1.54 0.00	27.22 -1.32 0.00	29.70 -1.27 0.00	31.48 -1.36 0.00	33.56 -1.84 0.00	32.25 -1.87 0.00	31.03 -1.81 0.00	32.74 -2.66 0.00	36.88 -2.88 0.00	39.25 -2.59 0.00	44.65 -3.17 0.00	45.59 -2.69 0.00	48.99 -2.50 0.00	38.95 -2.47 0.00	38.79 -1.96 0.00	33.86 -1.98 0.00
NINE_MILE_1 23575	35.01 -1.10 0.00	30.08 -0.94 0.00	25.36 -0.78 0.00	23.50 -0.71 0.00	23.07 -0.69 0.00	25.14 -0.75 0.00	38.78 -1.25 0.00	37.95 -1.32 0.00	29.08 -0.98 0.00	27.62 -0.92 0.00	29.97 -0.99 0.00	31.79 -1.05 0.00	34.30 -1.11 0.00	33.10 -1.02 0.00	31.88 -0.96 0.00	34.27 -1.13 0.00	38.48 -1.28 0.00	40.54 -1.30 0.00	46.27 -1.55 0.00	46.46 -1.52 0.30	49.28 -1.69 0.53	40.04 -1.39 0.00	39.40 -1.36 0.00	34.66 -1.18 0.00
NINE_MILE_2 23744	35.02 -1.10 0.00	30.08 -0.94 0.00	25.37 -0.78 0.00	23.50 -0.71 0.00	23.08 -0.69 0.00	25.14 -0.75 0.00	38.78 -1.24 0.00	37.96 -1.31 0.00	29.08 -0.98 0.00	27.63 -0.92 0.00	29.97 -0.99 0.00	31.79 -1.05 0.00	34.30 -1.11 0.00	33.10 -1.02 0.00	31.88 -0.96 0.00	34.27 -1.13 0.00	38.48 -1.27 0.00	40.54 -1.30 0.00	46.28 -1.55 0.00	46.46 -1.52 0.31	49.27 -1.69 0.53	40.04 -1.39 0.00	39.40 -1.36 0.00	34.66 -1.18 0.00
NM_CAPITAL___DRP 24208	36.32 0.20 0.00	31.29 0.28 0.00	26.44 0.29 0.00	24.60 0.39 0.00	24.24 0.47 0.00	26.38 0.48 0.00	40.58 0.56 0.00	39.89 0.62 0.00	30.76 0.57 -0.13	29.40 0.51 -0.34	31.45 0.49 0.00	33.31 0.47 0.00	35.94 0.58 0.04	34.66 0.54 0.00	33.39 0.55 0.00	36.18 0.78 0.00	40.46 0.71 0.00	42.47 0.63 0.00	48.73 0.91 0.00	49.00 0.72 0.00	51.94 0.45 0.00	41.88 0.45 0.00	41.17 0.42 0.00	36.29 0.45 0.00
NM_CENTRAL___DRP 24181	35.68 -0.44 0.00	30.63 -0.39 0.00	25.81 -0.33 0.00	23.93 -0.28 0.00	23.50 -0.27 0.00	25.63 -0.27 0.00	39.59 -0.43 0.00	38.76 -0.51 0.00	29.69 -0.37 0.00	28.20 -0.35 0.00	30.60 -0.36 0.00	32.48 -0.36 0.00	35.08 -0.32 0.00	33.91 -0.21 0.00	32.66 -0.18 0.00	35.07 -0.33 0.00	39.33 -0.42 0.00	41.43 -0.41 0.00	47.29 -0.54 0.00	47.84 -0.47 -0.03	50.93 -0.61 -0.05	40.83 -0.59 0.00	40.22 -0.53 0.00	35.32 -0.52 0.00

NM_FRONTIER___DRP 24179	34.45 -1.67 0.00	29.72 -1.30 0.00	25.03 -1.11 0.00	23.06 -1.15 0.00	22.57 -1.20 0.00	24.74 -1.16 0.00	38.06 -1.97 0.00	37.12 -2.15 0.00	28.30 -1.76 0.00	27.01 -1.54 0.00	29.49 -1.48 0.00	31.24 -1.60 0.00	33.32 -2.09 0.00	32.02 -2.10 0.00	30.83 -2.01 0.00	32.46 -2.94 0.00	36.54 -3.21 0.00	38.71 -3.13 0.00	43.98 -3.84 0.00	44.91 -3.37 0.00	48.27 -3.22 0.00	38.40 -3.02 0.00	38.44 -2.31 0.00	33.57 -2.27 0.00
NM_ST_REGIS___HYD 24053	36.70 0.58 0.00	31.41 0.39 0.00	26.49 0.35 0.00	24.43 0.21 0.00	23.91 0.14 0.00	26.15 0.25 0.00	40.65 0.63 0.00	39.95 0.68 0.00	30.38 0.32 0.00	28.75 0.20 0.00	31.08 0.12 0.00	32.85 0.01 0.00	35.21 -0.19 0.00	33.79 -0.33 0.00	37.15 -0.14 -4.45	47.33 -0.04 -11.97	47.60 0.44 -7.41	42.58 0.74 0.00	49.04 1.22 0.00	49.79 1.50 0.00	53.59 2.10 0.00	42.95 1.53 0.00	41.97 1.21 0.00	36.65 0.81 0.00
NORTHPORT___1 23551	37.89 1.77 0.00	32.38 1.36 0.00	31.04 0.94 -3.96	25.94 0.89 -0.84	27.32 1.01 -2.55	29.80 1.11 -2.79	42.45 1.86 -0.57	41.59 2.32 0.00	32.57 1.84 -0.68	33.25 1.90 -2.80	41.98 2.18 -8.83	35.62 2.24 -0.54	37.72 2.26 -0.05	40.44 2.05 -4.27	38.74 1.74 -4.15	36.98 1.92 0.34	21.66 1.98 20.07	12.28 1.83 31.39	34.00 2.07 15.89	59.10 1.89 -8.93	55.00 1.59 -1.92	46.96 1.64 -3.89	46.59 1.92 -3.91	41.39 1.84 -3.71
NORTHPORT___2 23552	37.89 1.77 0.00	32.38 1.36 0.00	31.04 0.94 -3.96	25.94 0.89 -0.84	27.32 1.01 -2.55	29.80 1.11 -2.79	42.45 1.86 -0.57	41.59 2.32 0.00	32.57 1.84 -0.68	33.25 1.90 -2.80	41.98 2.18 -8.83	35.62 2.24 -0.54	37.72 2.26 -0.05	40.44 2.05 -4.27	38.74 1.74 -4.15	36.98 1.92 0.34	21.66 1.98 20.07	12.28 1.83 31.39	34.00 2.07 15.89	59.10 1.89 -8.93	55.00 1.59 -1.92	46.96 1.64 -3.89	46.59 1.92 -3.91	41.39 1.84 -3.71
NORTHPORT___3 23553	38.13 2.02 0.01	32.54 1.52 0.00	31.27 1.10 -4.03	26.07 1.03 -0.83	27.43 1.13 -2.53	29.92 1.25 -2.77	42.70 2.11 -0.57	41.75 2.47 0.00	32.73 1.99 -0.68	33.46 2.10 -2.81	42.27 2.40 -8.91	35.92 2.54 -0.54	38.14 2.68 -0.05	41.12 2.62 -4.38	39.62 2.41 -4.37	42.24 2.72 -4.12	59.03 2.93 -16.35	56.91 2.79 -12.29	61.64 3.16 -10.66	60.59 2.91 -9.40	56.19 2.61 -2.09	47.82 2.32 -4.08	47.15 2.48 -3.92	41.72 2.17 -3.71
NORTHPORT___4 23650	38.13 2.02 0.01	32.54 1.52 0.00	31.27 1.10 -4.03	26.07 1.03 -0.83	27.43 1.13 -2.53	29.92 1.25 -2.77	42.70 2.11 -0.57	41.75 2.47 0.00	32.73 1.99 -0.68	33.46 2.10 -2.81	42.27 2.40 -8.91	35.92 2.54 -0.54	38.14 2.68 -0.05	41.12 2.62 -4.38	39.62 2.41 -4.37	42.24 2.72 -4.12	59.03 2.93 -16.35	56.91 2.79 -12.29	61.64 3.16 -10.66	60.59 2.91 -9.40	56.19 2.61 -2.09	47.82 2.32 -4.08	47.15 2.48 -3.92	41.72 2.17 -3.71
NORTHPORT___IC 23718	37.90 1.79 0.00	32.38 1.36 0.00	31.05 0.94 -3.96	25.95 0.90 -0.84	27.32 1.00 -2.55	29.80 1.11 -2.79	42.45 1.86 -0.57	41.59 2.32 0.00	32.57 1.84 -0.68	33.25 1.90 -2.80	41.97 2.18 -8.83	35.62 2.24 -0.54	37.73 2.27 -0.05	40.44 2.05 -4.27	38.75 1.76 -4.15	36.97 1.91 0.34	21.66 1.98 20.07	12.28 1.83 31.39	34.00 2.07 15.89	59.10 1.89 -8.93	55.00 1.59 -1.92	46.97 1.65 -3.89	46.57 1.91 -3.91	41.39 1.84 -3.71
NORTH___COUNTRY_ESR 323785	36.30 0.18 0.00	30.86 -0.16 0.00	25.91 -0.23 0.00	23.79 -0.42 0.00	23.20 -0.57 0.00	25.25 -0.65 0.00	39.18 -0.85 0.00	38.76 -0.51 0.00	29.75 -0.31 0.00	28.27 -0.27 0.00	30.76 -0.20 0.00	32.43 -0.41 0.00	34.67 -0.74 0.00	32.97 -1.15 0.00	11.85 -1.17 19.82	-19.21 -1.24 53.38	5.65 -1.06 33.05	41.33 -0.51 0.00	48.27 0.45 0.00	48.87 0.58 0.00	52.48 0.99 0.00	42.12 0.70 0.00	41.23 0.48 0.00	36.02 0.18 0.00
NPX_GEN_1385_PROXY 323591	37.78 1.66 0.00	31.27 1.49 1.25	28.04 0.92 -0.97	25.93 0.88 -0.84	27.43 1.12 -2.55	29.85 1.17 -2.79	40.38 1.76 1.40	41.87 2.60 0.00	31.82 1.74 -0.02	33.02 1.67 -2.80	41.68 1.89 -8.83	35.08 1.71 -0.54	31.32 1.63 5.70	39.83 1.44 -4.27	38.18 1.18 -4.15	36.39 1.33 0.34	20.98 1.43 20.21	11.61 1.16 31.39	33.37 1.44 15.89	58.81 1.59 -8.93	54.96 1.55 -1.92	46.89 1.57 -3.89	46.47 1.81 -3.91	41.24 1.69 -3.71
NPX_GEN_CSC 323557	37.59 1.47 0.00	30.81 1.04 1.25	28.14 0.70 -1.30	25.89 0.69 -0.99	27.58 0.79 -3.02	30.10 0.90 -3.31	40.34 1.60 1.29	41.34 2.06 0.00	31.72 1.64 -0.02	33.11 1.73 -2.83	41.97 2.01 -8.99	35.48 2.00 -0.64	37.28 1.82 -0.05	40.58 1.72 -4.74	39.38 1.58 -4.95	42.15 2.08 -4.67	59.67 2.19 -17.72	57.68 2.15 -13.68	62.39 2.49 -12.08	61.29 2.35 -10.66	55.97 1.94 -2.54	47.79 1.77 -4.60	46.93 1.88 -4.30	41.57 1.60 -4.13
NSINS_S_GLNS_FALLS 23858	38.54 2.42 0.00	33.07 2.05 0.00	27.83 1.68 0.00	25.78 1.58 0.00	25.39 1.62 0.00	27.73 1.83 0.00	42.95 2.93 0.00	42.30 3.03 0.00	32.25 2.07 -0.12	30.53 1.67 -0.32	32.39 1.43 0.00	34.35 1.51 0.00	37.12 1.76 0.05	35.74 1.62 0.00	34.56 1.72 0.00	37.63 2.23 0.00	42.30 2.55 0.00	44.71 2.87 0.00	51.93 4.10 0.00	52.32 4.04 0.00	55.46 3.97 0.00	44.50 3.08 0.00	43.68 2.92 0.00	38.33 2.48 0.00
NUCOR_STEEL___DRP 24197	36.02 -0.10 0.00	30.90 -0.13 0.00	26.05 -0.09 0.00	24.23 0.02 0.00	23.82 0.05 0.00	25.99 0.09 0.00	40.18 0.16 0.00	39.31 0.05 0.00	30.04 -0.02 0.00	28.47 -0.08 0.00	30.93 -0.04 0.00	32.76 -0.08 0.00	35.40 0.00 0.00	34.35 0.23 0.00	33.04 0.20 0.00	35.31 -0.09 0.00	39.61 -0.14 0.00	42.02 0.17 0.00	48.01 0.19 0.00	48.61 0.28 -0.05	51.59 0.01 -0.08	41.43 0.01 0.00	40.80 0.05 0.00	35.76 -0.09 0.00
NUMBER_THREE_WT_PWR 323818	35.83 -0.29 0.00	30.65 -0.37 0.00	25.84 -0.30 0.00	23.94 -0.27 0.00	23.47 -0.30 0.00	25.80 -0.10 0.00	40.11 0.09 0.00	39.32 0.06 0.00	29.94 -0.12 0.00	28.26 -0.29 0.00	30.20 -0.76 0.00	31.78 -1.06 0.00	34.21 -1.20 0.00	32.97 -1.15 0.00	33.35 -0.26 -0.77	37.59 0.10 -2.09	42.38 1.33 -1.29	43.01 1.17 0.00	49.61 1.78 0.00	50.59 2.29 -0.02	54.49 2.97 -0.03	43.53 2.11 0.00	42.35 1.60 0.00	36.84 1.00 0.00
NYISO_LBMP_REFERENCE 24008	36.12 0.00 0.00	31.02 0.00 0.00	26.14 0.00 0.00	24.21 0.00 0.00	23.77 0.00 0.00	25.90 0.00 0.00	40.02 0.00 0.00	39.27 0.00 0.00	30.06 0.00 0.00	28.54 0.00 0.00	30.96 0.00 0.00	32.84 0.00 0.00	35.40 0.00 0.00	34.12 0.00 0.00	32.84 0.00 0.00	35.40 0.00 0.00	39.75 0.00 0.00	41.84 0.00 0.00	47.82 0.00 0.00	48.28 0.00 0.00	51.49 0.00 0.00	41.42 0.00 0.00	40.75 0.00 0.00	35.84 0.00 0.00
NYPA_BRENTWD____GT 24164	38.29 2.17 0.00	32.68 1.66 0.00	32.03 1.21 -4.68	26.53 1.14 -1.19	28.61 1.23 -3.61	31.22 1.37 -3.95	43.16 2.33 -0.81	42.04 2.77 0.00	32.93 2.20 -0.68	33.66 2.26 -2.86	42.71 2.57 -9.18	36.28 2.67 -0.76	38.19 2.74 -0.05	42.00 2.56 -5.32	41.10 2.31 -5.95	43.61 2.61 -5.60	62.92 2.72 -20.45	60.53 2.62 -16.07	65.29 2.97 -14.49	63.88 2.81 -12.78	57.31 2.52 -3.29	49.19 2.29 -5.48	48.10 2.58 -4.77	42.81 2.32 -4.65

NYPA_GOWANUS____GT5 24156	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.68 2.40 0.00	53.49 2.00 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NYPA_GOWANUS____GT6 24157	37.78 1.67 0.00	32.35 1.33 0.00	27.12 0.97 0.00	25.09 0.88 0.00	24.67 0.90 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.14 2.69 -0.05	36.75 2.63 0.00	35.29 2.44 0.00	38.14 2.74 0.00	42.56 2.81 0.00	44.26 2.42 0.00	50.44 2.61 0.00	50.68 2.40 0.00	53.49 2.00 0.00	43.31 1.89 0.00	42.93 2.18 0.00	37.78 1.94 0.00
NYPA_HARLEM__RVR__GT1 24160	37.62 1.50 0.00	32.21 1.19 0.00	26.98 0.84 0.00	24.98 0.77 0.00	24.55 0.78 0.00	26.84 0.95 0.00	41.59 1.56 0.00	41.19 1.92 0.00	32.41 1.67 -0.68	32.06 1.81 -1.70	32.99 2.02 0.00	35.09 2.24 0.00	37.93 2.47 -0.05	36.57 2.45 0.00	35.13 2.29 0.00	37.91 2.51 0.00	42.33 2.58 0.00	44.03 2.19 0.00	50.18 2.36 0.00	50.48 2.20 0.00	53.30 1.81 0.00	43.17 1.75 0.00	42.67 1.92 0.00	37.53 1.68 0.00
NYPA_HARLEM__RVR__GT2 24161	37.62 1.50 0.00	32.21 1.19 0.00	26.98 0.84 0.00	24.98 0.77 0.00	24.55 0.78 0.00	26.84 0.95 0.00	41.59 1.56 0.00	41.19 1.92 0.00	32.41 1.67 -0.68	32.06 1.81 -1.70	32.99 2.02 0.00	35.09 2.24 0.00	37.93 2.47 -0.05	36.57 2.45 0.00	35.13 2.29 0.00	37.91 2.51 0.00	42.33 2.58 0.00	44.03 2.19 0.00	50.18 2.36 0.00	50.48 2.20 0.00	53.30 1.81 0.00	43.17 1.75 0.00	42.67 1.92 0.00	37.53 1.68 0.00
NYPA_KENT____GT 24152	37.77 1.65 0.00	32.33 1.31 0.00	27.10 0.96 0.00	25.08 0.87 0.00	24.65 0.88 0.00	26.94 1.05 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.49 1.75 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.17 2.71 -0.05	36.76 2.64 0.00	35.28 2.44 0.00	38.13 2.72 0.00	42.55 2.80 0.00	44.30 2.46 0.00	50.47 2.65 0.00	50.72 2.43 0.00	53.52 2.02 0.00	43.32 1.90 0.00	42.89 2.14 0.00	37.74 1.90 0.00
NYPA_POUCH1____GT 24155	37.78 1.66 0.00	32.35 1.33 0.00	27.12 0.98 0.00	25.10 0.90 0.00	24.67 0.90 0.00	26.96 1.07 0.00	41.70 1.68 0.00	41.24 1.97 0.00	32.45 1.71 -0.68	32.11 1.87 -1.70	33.06 2.09 0.00	35.19 2.35 0.00	38.10 2.64 -0.05	36.70 2.58 0.00	35.25 2.41 0.00	38.10 2.70 0.00	42.50 2.75 0.00	44.14 2.30 0.00	50.36 2.54 0.00	50.58 2.30 0.00	53.39 1.90 0.00	43.26 1.84 0.00	42.94 2.18 0.00	37.84 2.00 0.00
NYPA_VERNON____GT2 24162	37.75 1.63 0.00	32.31 1.29 0.00	27.09 0.94 0.00	25.06 0.86 0.00	24.64 0.88 0.00	26.93 1.03 0.00	41.76 1.73 0.00	41.29 2.02 0.00	32.49 1.75 -0.68	32.17 1.93 -1.70	33.12 2.16 0.00	35.26 2.42 0.00	38.18 2.73 -0.05	36.77 2.65 0.00	35.27 2.43 0.00	38.12 2.72 0.00	42.54 2.79 0.00	44.33 2.49 0.00	50.53 2.71 0.00	50.78 2.50 0.00	53.59 2.10 0.00	43.37 1.95 0.00	42.87 2.12 0.00	37.70 1.86 0.00
NYPA_VERNON____GT3 24163	37.75 1.63 0.00	32.31 1.29 0.00	27.09 0.94 0.00	25.06 0.86 0.00	24.64 0.88 0.00	26.93 1.03 0.00	41.76 1.73 0.00	41.29 2.02 0.00	32.49 1.75 -0.68	32.17 1.93 -1.70	33.12 2.16 0.00	35.26 2.42 0.00	38.18 2.73 -0.05	36.77 2.65 0.00	35.27 2.43 0.00	38.12 2.72 0.00	42.54 2.79 0.00	44.33 2.49 0.00	50.53 2.71 0.00	50.78 2.50 0.00	53.59 2.10 0.00	43.37 1.95 0.00	42.87 2.12 0.00	37.70 1.86 0.00
NYPA____ASTORIA_CC1 323568	37.69 1.57 0.00	32.26 1.24 0.00	27.06 0.91 0.00	25.04 0.83 0.00	24.62 0.85 0.00	26.89 1.00 0.00	41.70 1.68 0.00	41.25 1.98 0.00	32.45 1.71 -0.68	32.13 1.89 -1.70	33.08 2.12 0.00	35.20 2.36 0.00	38.13 2.68 -0.05	36.71 2.59 0.00	35.23 2.38 0.00	38.06 2.65 0.00	42.48 2.73 0.00	44.25 2.41 0.00	50.46 2.63 0.00	50.72 2.44 0.00	53.53 2.04 0.00	43.33 1.91 0.00	42.80 2.05 0.00	37.63 1.79 0.00
NYPA____ASTORIA_CC2 323569	37.69 1.57 0.00	32.26 1.24 0.00	27.06 0.91 0.00	25.04 0.83 0.00	24.62 0.85 0.00	26.89 1.00 0.00	41.70 1.68 0.00	41.25 1.98 0.00	32.45 1.71 -0.68	32.13 1.89 -1.70	33.08 2.12 0.00	35.20 2.36 0.00	38.13 2.68 -0.05	36.71 2.59 0.00	35.23 2.38 0.00	38.06 2.65 0.00	42.48 2.73 0.00	44.25 2.41 0.00	50.46 2.63 0.00	50.72 2.44 0.00	53.53 2.04 0.00	43.33 1.91 0.00	42.80 2.05 0.00	37.63 1.79 0.00
NYPA____HOLTSVILL 23794	37.95 1.84 0.00	32.39 1.37 0.00	31.37 0.97 -4.25	26.12 0.93 -0.98	27.78 1.04 -2.98	30.31 1.15 -3.26	42.66 1.97 -0.67	41.69 2.42 0.00	32.65 1.92 -0.68	33.37 2.00 -2.83	42.23 2.29 -8.98	35.82 2.35 -0.63	37.81 2.35 -0.05	41.04 2.22 -4.70	39.74 2.01 -4.88	42.35 2.34 -4.60	59.90 2.47 -17.67	57.75 2.40 -13.51	62.48 2.74 -11.91	61.38 2.59 -10.51	56.24 2.26 -2.49	48.03 2.06 -4.54	47.21 2.20 -4.26	41.87 1.94 -4.09
NYPA____HELLGATE_GT1 24158	37.61 1.50 0.00	32.21 1.19 0.00	26.98 0.84 0.00	24.97 0.76 0.00	24.55 0.78 0.00	26.83 0.94 0.00	41.57 1.55 0.01	41.17 1.90 0.00	32.39 1.65 -0.68	32.05 1.81 -1.70	32.97 2.01 0.00	35.07 2.23 0.00	37.92 2.46 -0.05	36.55 2.43 0.00	35.13 2.28 0.00	37.90 2.50 0.00	42.30 2.55 0.00	44.00 2.17 0.00	50.16 2.33 0.00	50.46 2.17 0.00	53.28 1.79 0.00	43.15 1.73 0.00	42.65 1.90 0.00	37.50 1.67 0.00
NYPA____HELLGATE_GT2 24159	37.61 1.50 0.00	32.21 1.19 0.00	26.98 0.84 0.00	24.97 0.76 0.00	24.55 0.78 0.00	26.83 0.94 0.00	41.57 1.55 0.01	41.17 1.90 0.00	32.39 1.65 -0.68	32.05 1.81 -1.70	32.97 2.01 0.00	35.07 2.23 0.00	37.92 2.46 -0.05	36.55 2.43 0.00	35.13 2.28 0.00	37.90 2.50 0.00	42.30 2.55 0.00	44.00 2.17 0.00	50.16 2.33 0.00	50.46 2.17 0.00	53.28 1.79 0.00	43.15 1.73 0.00	42.65 1.90 0.00	37.50 1.67 0.00
NYS_BARGE____HYD 23848	35.03 -1.08 0.00	30.20 -0.82 0.00	25.42 -0.72 0.00	23.43 -0.78 0.00	22.95 -0.82 0.00	25.16 -0.73 0.00	38.75 -1.27 0.00	37.72 -1.55 0.00	28.71 -1.35 0.00	27.44 -1.10 0.00	29.99 -0.97 0.00	31.79 -1.05 0.00	33.89 -1.52 0.00	32.56 -1.56 0.00	31.32 -1.53 0.00	33.01 -2.39 0.00	37.13 -2.62 0.00	39.62 -2.22 0.00	45.05 -2.77 0.00	46.03 -2.25 0.00	49.48 -2.01 0.00	39.33 -2.09 0.00	39.14 -1.62 0.00	34.20 -1.64 0.00
OAK ORCHARD____HYD 24046	35.84 -0.28 0.00	30.79 -0.23 0.00	25.93 -0.21 0.00	23.97 -0.24 0.00	23.52 -0.25 0.00	25.74 -0.16 0.00	39.78 -0.25 0.00	38.93 -0.34 0.00	29.74 -0.32 0.00	28.35 -0.19 0.00	30.94 -0.02 0.00	32.86 0.03 0.00	35.24 -0.16 0.00	33.94 -0.18 0.00	32.64 -0.21 0.00	34.71 -0.69 0.00	39.02 -0.74 0.00	41.37 -0.47 0.00	47.14 -0.68 0.00	47.89 -0.39 0.00	51.17 -0.32 0.00	40.83 -0.59 0.00	40.27 -0.48 0.00	35.22 -0.62 0.00

OAKDALE___35_KV_LOAD 356122	35.83 -0.29 0.00	30.75 -0.26 0.00	25.91 -0.23 0.00	24.04 -0.17 0.00	23.62 -0.15 0.00	25.77 -0.12 0.00	39.84 -0.19 0.00	39.09 -0.18 0.00	29.97 -0.09 0.00	28.54 -0.01 0.00	30.97 0.00 0.00	32.80 -0.04 0.00	35.44 0.04 0.00	34.15 0.03 0.00	32.82 -0.02 0.00	35.24 -0.16 0.00	39.64 -0.11 0.00	41.78 -0.06 0.00	47.66 -0.16 0.00	48.37 0.07 -0.02	51.50 -0.03 -0.04	41.22 -0.20 0.00	40.73 -0.02 0.00	35.68 -0.16 0.00
OCC_CHEM___DRP 24175	34.51 -1.61 0.00	29.78 -1.24 0.00	25.08 -1.07 0.00	23.11 -1.10 0.00	22.61 -1.16 0.00	24.79 -1.11 0.00	38.13 -1.89 0.00	37.20 -2.07 0.00	28.36 -1.70 0.00	27.07 -1.48 0.00	29.55 -1.42 0.00	31.30 -1.53 0.00	33.39 -2.02 0.00	32.09 -2.03 0.00	30.90 -1.95 0.00	32.53 -2.88 0.00	36.62 -3.13 0.00	38.80 -3.04 0.00	44.10 -3.72 0.00	45.03 -3.26 0.00	48.41 -3.09 0.00	38.50 -2.92 0.00	38.52 -2.23 0.00	33.63 -2.21 0.00
OH_GEN_PROXY 24063	34.67 -1.45 0.00	28.66 -1.12 1.25	22.19 -0.96 2.99	23.22 -0.99 0.00	22.74 -1.03 0.00	24.93 -0.97 0.00	36.43 -1.63 1.97	37.47 -1.80 0.00	27.92 -1.48 0.66	27.28 -1.26 0.00	29.76 -1.20 0.00	31.54 -1.30 0.00	33.65 -1.76 0.00	32.32 -1.80 0.00	31.11 -1.74 0.00	32.83 -2.57 0.00	36.84 -2.78 0.13	39.34 -2.50 0.00	44.78 -3.04 0.00	45.72 -2.56 0.00	49.10 -2.39 0.00	39.04 -2.38 0.00	38.84 -1.91 0.00	33.90 -1.94 0.00
OLIN_CORP_DRP 24177	34.64 -1.48 0.00	29.89 -1.13 0.00	25.16 -0.98 0.00	23.19 -1.02 0.00	22.70 -1.07 0.00	24.88 -1.02 0.00	38.28 -1.75 0.00	37.19 -2.08 0.00	28.32 -1.74 0.00	27.05 -1.50 0.00	29.55 -1.42 0.00	31.30 -1.54 0.00	33.39 -2.02 0.00	32.09 -2.03 0.00	30.90 -1.95 0.00	32.52 -2.88 0.00	36.59 -3.16 0.00	39.01 -2.83 0.00	44.36 -3.46 0.00	45.31 -2.97 0.00	48.72 -2.78 0.00	38.75 -2.67 0.00	38.58 -2.17 0.00	33.76 -2.08 0.00
OLIN_CORP_DSASP 323712	34.52 -1.60 0.00	29.78 -1.24 0.00	25.08 -1.07 0.00	23.11 -1.11 0.00	22.61 -1.16 0.00	24.79 -1.11 0.00	38.13 -1.89 0.00	37.19 -2.08 0.00	28.36 -1.70 0.00	27.07 -1.48 0.00	29.54 -1.43 0.00	31.29 -1.55 0.00	33.33 -2.07 0.00	32.04 -2.08 0.00	30.85 -2.00 0.00	32.52 -2.88 0.00	36.60 -3.15 0.00	38.82 -3.02 0.00	44.10 -3.73 0.00	45.04 -3.25 0.00	48.40 -3.09 0.00	38.48 -2.94 0.00	38.51 -2.25 0.00	33.63 -2.21 0.00
ONEIDA_HERK_LFGE 323681	36.44 0.32 0.00	31.23 0.22 0.00	26.33 0.19 0.00	24.40 0.19 0.00	23.94 0.17 0.00	26.20 0.31 0.00	40.64 0.61 0.00	39.82 0.56 0.00	30.39 0.33 0.00	28.74 0.19 0.00	30.96 -0.01 0.00	32.72 -0.12 0.00	35.25 -0.16 0.00	34.07 -0.05 0.00	33.61 0.42 -0.36	37.02 0.66 -0.96	41.61 1.26 -0.60	43.04 1.20 0.00	49.44 1.61 0.00	50.14 1.85 -0.01	53.61 2.10 -0.02	42.93 1.51 0.00	42.02 1.27 0.00	36.74 0.90 0.00
ONEIDA___115KV_TB4 55905	36.72 0.60 0.00	31.49 0.46 0.00	26.53 0.39 0.00	24.59 0.38 0.00	24.15 0.38 0.00	26.38 0.48 0.00	40.87 0.85 0.00	40.02 0.75 0.00	30.54 0.48 0.00	28.88 0.33 0.00	31.24 0.27 0.00	33.09 0.25 0.00	35.69 0.29 0.00	34.57 0.45 0.00	33.61 0.77 0.00	36.38 0.98 0.00	40.94 1.19 0.00	43.04 1.20 0.00	49.37 1.55 0.00	49.98 1.68 -0.01	53.20 1.69 -0.03	42.61 1.19 0.00	41.85 1.10 0.00	36.67 0.83 0.00
ONONDAGA_REF_OCCRA 23987	35.89 -0.23 0.00	30.79 -0.23 0.00	25.96 -0.18 0.00	24.06 -0.15 0.00	23.63 -0.14 0.00	25.78 -0.12 0.00	39.83 -0.19 0.00	39.00 -0.27 0.00	29.86 -0.20 0.00	28.34 -0.20 0.00	30.75 -0.22 0.00	32.63 -0.21 0.00	35.26 -0.15 0.00	34.09 -0.02 0.00	32.86 0.02 0.00	35.29 -0.10 0.00	39.60 -0.15 0.00	41.74 -0.10 0.00	47.65 -0.17 0.00	48.23 -0.09 -0.03	51.35 -0.20 -0.06	41.13 -0.30 0.00	40.50 -0.25 0.00	35.56 -0.28 0.00
ONONDAGA___COGEN 23986	35.85 -0.27 0.00	30.77 -0.26 0.00	25.94 -0.20 0.00	24.06 -0.15 0.00	23.63 -0.14 0.00	25.77 -0.12 0.00	39.81 -0.21 0.00	38.97 -0.30 0.00	29.83 -0.22 0.00	28.31 -0.24 0.00	30.72 -0.24 0.00	32.60 -0.24 0.00	35.23 -0.18 0.00	34.08 -0.04 0.00	32.80 -0.05 0.00	35.22 -0.18 0.00	39.53 -0.23 0.00	41.68 -0.16 0.00	47.57 -0.26 0.00	48.15 -0.19 -0.05	51.25 -0.33 -0.09	41.08 -0.35 0.00	40.44 -0.32 0.00	35.50 -0.34 0.00
ONTARIO___LFGE 23819	35.86 -0.25 0.00	30.77 -0.25 0.00	25.89 -0.25 0.00	24.03 -0.18 0.00	23.61 -0.16 0.00	25.84 -0.05 0.00	39.99 -0.04 0.00	39.17 -0.10 0.00	29.88 -0.18 0.00	28.34 -0.21 0.00	30.82 -0.14 0.00	32.67 -0.17 0.00	35.48 0.07 0.00	34.32 0.21 0.00	32.92 0.08 0.00	35.12 -0.28 0.00	39.57 -0.19 0.00	41.83 0.00 0.00	47.73 -0.09 0.00	48.57 0.27 -0.02	51.76 0.23 -0.03	41.38 -0.04 0.00	40.78 0.03 0.00	35.69 -0.15 0.00
ORANGEVILLE_WT_PWR 323706	34.56 -1.55 0.00	29.73 -1.29 0.00	24.97 -1.17 0.00	23.11 -1.10 0.00	22.68 -1.09 0.00	24.92 -0.97 0.00	38.40 -1.63 0.00	37.46 -1.81 0.00	28.41 -1.65 0.00	27.12 -1.43 0.00	29.80 -1.16 0.00	31.60 -1.24 0.00	34.02 -1.38 0.00	32.64 -1.48 0.00	31.35 -1.50 0.00	33.32 -2.08 0.00	37.74 -2.01 0.00	40.34 -1.50 0.00	45.93 -1.89 0.00	47.04 -1.24 0.00	50.43 -1.06 0.00	40.10 -1.32 0.00	39.82 -0.92 0.00	34.65 -1.19 0.00
ORANGEVILLE___ESR 323794	34.56 -1.55 0.00	29.73 -1.29 0.00	24.97 -1.17 0.00	23.11 -1.10 0.00	22.68 -1.09 0.00	24.92 -0.97 0.00	38.40 -1.63 0.00	37.46 -1.81 0.00	28.41 -1.65 0.00	27.12 -1.43 0.00	29.80 -1.16 0.00	31.60 -1.24 0.00	34.02 -1.38 0.00	32.64 -1.48 0.00	31.35 -1.50 0.00	33.32 -2.08 0.00	37.74 -2.01 0.00	40.34 -1.50 0.00	45.93 -1.89 0.00	47.04 -1.24 0.00	50.43 -1.06 0.00	40.10 -1.32 0.00	39.82 -0.92 0.00	34.65 -1.19 0.00
OSWEGATCHIE___HYD 24044	36.32 0.20 0.00	31.10 0.08 0.00	26.25 0.10 0.00	24.27 0.06 0.00	23.79 0.02 0.00	26.10 0.20 0.00	40.58 0.56 0.00	39.77 0.51 0.00	30.25 0.19 0.00	28.57 0.02 0.00	30.67 -0.30 0.00	32.34 -0.50 0.00	34.79 -0.62 0.00	33.45 -0.67 0.00	34.58 -0.04 -1.78	40.34 0.16 -4.78	43.71 1.00 -2.96	42.94 1.10 0.00	49.34 1.52 0.00	50.22 1.92 -0.01	54.08 2.57 -0.02	43.26 1.83 0.00	42.16 1.41 0.00	36.75 0.91 0.00
OSWEGO___5 23606	35.32 -0.80 0.00	30.33 -0.69 0.00	25.57 -0.58 0.00	23.70 -0.51 0.00	23.26 -0.51 0.00	25.36 -0.54 0.00	39.14 -0.89 0.00	38.31 -0.96 0.00	29.35 -0.71 0.00	27.88 -0.67 0.00	30.25 -0.71 0.00	32.09 -0.75 0.00	34.62 -0.78 0.00	33.39 -0.73 0.00	32.13 -0.71 0.00	34.53 -0.87 0.00	38.78 -0.97 0.00	40.86 -0.98 0.00	46.66 -1.17 0.00	47.38 -1.13 -0.23	50.62 -1.27 -0.39	40.35 -1.07 0.00	39.72 -1.03 0.00	34.93 -0.91 0.00
OSWEGO___6 23613	35.32 -0.80 0.00	30.33 -0.69 0.00	25.57 -0.58 0.00	23.70 -0.51 0.00	23.26 -0.51 0.00	25.36 -0.54 0.00	39.14 -0.89 0.00	38.31 -0.96 0.00	29.35 -0.71 0.00	27.88 -0.67 0.00	30.25 -0.71 0.00	32.09 -0.75 0.00	34.62 -0.78 0.00	33.39 -0.73 0.00	32.13 -0.71 0.00	34.53 -0.87 0.00	38.78 -0.97 0.00	40.86 -0.98 0.00	46.66 -1.17 0.00	47.38 -1.13 -0.23	50.62 -1.27 -0.39	40.35 -1.07 0.00	39.72 -1.03 0.00	34.93 -0.91 0.00

OUTOKUMPU-AB___DRP 24206	35.23 -0.89 0.00	30.35 -0.67 0.00	25.53 -0.62 0.00	23.53 -0.68 0.00	23.04 -0.72 0.00	25.28 -0.62 0.00	38.94 -1.08 0.00	38.00 -1.27 0.00	28.97 -1.08 0.00	27.70 -0.85 0.00	30.29 -0.67 0.00	32.13 -0.71 0.00	34.28 -1.13 0.00	32.95 -1.17 0.00	31.67 -1.18 0.00	33.38 -2.02 0.00	37.58 -2.18 0.00	39.96 -1.88 0.00	45.47 -2.36 0.00	46.42 -1.86 0.00	49.88 -1.61 0.00	39.63 -1.79 0.00	39.49 -1.27 0.00	34.44 -1.40 0.00
OXBOW___BTM 323836	34.86 -1.25 0.00	30.05 -0.97 0.00	25.29 -0.85 0.00	23.31 -0.90 0.00	22.81 -0.96 0.00	25.03 -0.87 0.00	38.53 -1.50 0.00	37.59 -1.68 0.00	28.67 -1.39 0.00	27.38 -1.16 0.00	29.91 -1.06 0.00	31.71 -1.13 0.00	33.78 -1.63 0.00	32.47 -1.65 0.00	31.24 -1.61 0.00	32.94 -2.46 0.00	37.09 -2.67 0.00	39.39 -2.45 0.00	44.77 -3.05 0.00	45.72 -2.56 0.00	49.13 -2.36 0.00	39.04 -2.38 0.00	38.98 -1.77 0.00	34.02 -1.83 0.00
OXBOW___ 24026	34.86 -1.25 0.00	30.05 -0.97 0.00	25.29 -0.85 0.00	23.31 -0.91 0.00	22.82 -0.95 0.00	25.02 -0.87 0.00	38.53 -1.50 0.00	37.59 -1.68 0.00	28.66 -1.40 0.00	27.38 -1.16 0.00	29.92 -1.05 0.00	31.72 -1.12 0.00	33.83 -1.58 0.00	32.51 -1.61 0.00	31.28 -1.56 0.00	32.95 -2.45 0.00	37.10 -2.66 0.00	39.38 -2.46 0.00	44.78 -3.05 0.00	45.72 -2.57 0.00	49.14 -2.35 0.00	39.05 -2.37 0.00	38.99 -1.77 0.00	34.02 -1.83 0.00
OXY_CHEM_DSASP 323612	34.51 -1.61 0.00	29.78 -1.24 0.00	25.08 -1.07 0.00	23.11 -1.10 0.00	22.61 -1.16 0.00	24.79 -1.11 0.00	38.13 -1.89 0.00	37.20 -2.07 0.00	28.36 -1.70 0.00	27.07 -1.48 0.00	29.55 -1.42 0.00	31.30 -1.53 0.00	33.39 -2.02 0.00	32.09 -2.03 0.00	30.90 -1.95 0.00	32.53 -2.88 0.00	36.62 -3.13 0.00	38.80 -3.04 0.00	44.10 -3.72 0.00	45.03 -3.26 0.00	48.41 -3.09 0.00	38.50 -2.92 0.00	38.52 -2.23 0.00	33.63 -2.21 0.00
OZONE_PARK_ESR 323760	38.09 1.97 0.00	32.60 1.58 0.00	27.30 1.16 0.00	25.26 1.05 0.00	24.83 1.06 0.00	27.13 1.23 0.00	42.13 2.11 0.00	41.60 2.33 0.00	32.72 1.98 -0.68	32.41 2.17 -1.70	33.39 2.43 0.00	35.49 2.65 0.00	38.39 2.94 -0.05	36.99 2.88 0.00	35.50 2.66 0.00	38.43 3.03 0.00	42.96 3.21 0.00	44.85 3.01 0.00	51.11 3.29 0.00	51.31 3.03 0.00	54.18 2.69 0.00	43.77 2.35 0.00	43.31 2.56 0.00	38.09 2.25 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.51 -1.61 0.00	29.78 -1.24 0.00	25.08 -1.07 0.00	23.11 -1.10 0.00	22.61 -1.16 0.00	24.79 -1.11 0.00	38.13 -1.89 0.00	37.20 -2.07 0.00	28.36 -1.70 0.00	27.07 -1.48 0.00	29.55 -1.42 0.00	31.30 -1.53 0.00	33.39 -2.02 0.00	32.09 -2.03 0.00	30.90 -1.95 0.00	32.53 -2.88 0.00	36.62 -3.13 0.00	38.80 -3.04 0.00	44.10 -3.72 0.00	45.03 -3.26 0.00	48.41 -3.09 0.00	38.50 -2.92 0.00	38.52 -2.23 0.00	33.63 -2.21 0.00
PACKARD___115KV_DUPONT_184 80571	34.51 -1.61 0.00	29.78 -1.24 0.00	25.08 -1.07 0.00	23.11 -1.10 0.00	22.61 -1.16 0.00	24.79 -1.11 0.00	38.13 -1.89 0.00	37.20 -2.07 0.00	28.36 -1.70 0.00	27.07 -1.48 0.00	29.55 -1.42 0.00	31.30 -1.53 0.00	33.39 -2.02 0.00	32.09 -2.03 0.00	30.90 -1.95 0.00	32.53 -2.88 0.00	36.62 -3.13 0.00	38.80 -3.04 0.00	44.10 -3.72 0.00	45.03 -3.26 0.00	48.41 -3.09 0.00	38.50 -2.92 0.00	38.52 -2.23 0.00	33.63 -2.21 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.71 1.59 0.00	32.29 1.27 0.00	27.05 0.91 0.00	25.03 0.81 0.00	24.60 0.83 0.00	26.90 1.01 0.00	41.69 1.66 0.00	41.25 1.98 0.00	32.45 1.71 -0.68	32.10 1.85 -1.70	33.03 2.06 0.00	35.13 2.29 0.00	37.99 2.54 -0.05	36.58 2.46 0.00	35.11 2.27 0.00	37.94 2.54 0.00	42.35 2.60 0.00	44.13 2.29 0.00	50.29 2.46 0.00	50.59 2.30 0.00	53.41 1.92 0.00	43.23 1.80 0.00	42.71 1.95 0.00	37.53 1.69 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.80 2.68 0.00	33.24 2.22 0.00	27.87 1.72 0.00	25.77 1.56 0.00	25.40 1.63 0.00	27.81 1.91 0.00	43.11 3.08 0.00	42.56 3.29 0.00	33.43 2.69 -0.68	33.01 2.77 -1.70	34.01 3.05 0.00	36.15 3.31 0.00	39.11 3.65 -0.05	37.65 3.53 0.00	36.07 3.23 0.00	38.97 3.57 0.00	43.52 3.76 0.00	45.22 3.38 0.00	51.42 3.59 0.00	51.79 3.51 0.00	54.72 3.23 0.00	44.37 2.94 0.00	43.92 3.17 0.00	38.70 2.86 0.00
PATROON___115KV_TB1 80586	36.42 0.30 0.00	31.36 0.33 0.00	26.48 0.34 0.00	24.62 0.41 0.00	24.25 0.48 0.00	26.39 0.49 0.00	40.61 0.58 0.00	39.90 0.63 0.00	30.77 0.58 -0.13	29.41 0.53 -0.33	31.47 0.50 0.00	33.33 0.49 0.00	35.97 0.61 0.04	34.70 0.58 0.00	33.46 0.61 0.00	36.24 0.84 0.00	40.55 0.80 0.00	42.60 0.76 0.00	48.83 1.01 0.00	49.12 0.84 0.00	52.05 0.56 0.00	41.94 0.52 0.00	41.22 0.47 0.00	36.33 0.49 0.00
PATTRSNVILLE___SOLAR 323815	37.14 1.02 0.00	31.89 0.87 0.00	26.88 0.74 0.00	24.90 0.69 0.00	24.47 0.71 0.00	26.67 0.77 0.00	41.30 1.27 0.00	40.58 1.31 0.00	30.81 0.63 -0.12	29.28 0.44 -0.30	31.30 0.34 0.00	33.25 0.41 0.00	35.81 0.44 0.03	34.56 0.44 0.00	33.36 0.51 0.00	36.07 0.67 0.00	40.63 0.88 0.00	43.17 1.33 0.00	49.56 1.73 0.00	49.96 1.68 0.00	53.12 1.62 0.00	42.71 1.29 0.00	42.02 1.27 0.00	36.96 1.12 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.02 -1.10 0.00	30.13 -0.89 0.00	25.34 -0.80 0.00	23.41 -0.80 0.00	22.96 -0.80 0.00	25.20 -0.70 0.00	38.90 -1.13 0.00	38.01 -1.26 0.00	29.02 -1.04 0.00	27.76 -0.78 0.00	30.36 -0.60 0.00	32.19 -0.64 0.00	34.47 -0.94 0.00	33.06 -1.06 0.00	31.75 -1.09 0.00	33.54 -1.86 0.00	37.81 -1.94 0.00	40.22 -1.62 0.00	45.77 -2.06 0.00	46.75 -1.54 0.00	50.17 -1.32 0.00	39.83 -1.59 0.00	39.59 -1.16 0.00	34.45 -1.39 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.77 1.65 0.00	32.37 1.35 0.00	27.16 1.01 0.00	25.14 0.93 0.00	24.71 0.94 0.00	26.98 1.08 0.00	41.87 1.85 0.00	41.34 2.07 0.00	32.11 1.72 -0.34	31.42 1.82 -1.06	32.95 1.99 0.00	34.96 2.12 0.00	37.85 2.41 -0.04	36.48 2.36 0.00	35.06 2.21 0.00	37.99 2.59 0.00	42.53 2.78 0.00	44.53 2.69 0.00	50.84 3.02 0.00	51.07 2.78 0.00	53.95 2.46 0.00	43.49 2.07 0.00	42.91 2.16 0.00	37.73 1.89 0.00
PEEKSKILL___ 23653	37.37 1.25 0.00	32.01 0.99 0.00	26.86 0.72 0.00	24.89 0.68 0.00	24.46 0.69 0.00	26.70 0.80 0.00	41.39 1.37 0.00	40.81 1.54 0.00	32.12 1.31 -0.75	31.87 1.45 -1.87	32.61 1.65 0.00	34.65 1.81 0.00	37.49 2.04 -0.05	36.11 1.99 0.00	34.67 1.83 0.00	37.55 2.15 0.00	42.00 2.25 0.00	43.92 2.08 0.00	50.11 2.29 0.00	50.31 2.03 0.00	53.16 1.67 0.00	42.92 1.50 0.00	42.44 1.69 0.00	37.36 1.51 0.00
PGE MADISON___WINDPWR 24146	36.87 0.75 0.00	31.48 0.46 0.00	26.56 0.41 0.00	24.67 0.46 0.00	24.19 0.42 0.00	26.43 0.54 0.00	41.01 0.98 0.00	40.26 0.99 0.00	30.82 0.76 0.00	29.30 0.76 0.00	31.49 0.53 0.00	32.98 0.14 0.00	35.43 0.03 0.00	34.53 0.41 0.00	33.30 0.46 0.00	36.57 1.17 0.00	41.24 1.49 0.00	43.57 1.72 0.00	50.29 2.47 0.00	51.85 3.54 -0.02	55.19 3.66 -0.04	44.14 2.72 0.00	43.53 2.78 0.00	38.00 2.16 0.00

PIERCEFIELD___HYD 23852	36.65 0.53 0.00	31.43 0.41 0.00	26.54 0.40 0.00	24.50 0.29 0.00	24.00 0.23 0.00	26.27 0.38 0.00	40.82 0.80 0.00	40.03 0.76 0.00	30.42 0.36 0.00	28.75 0.20 0.00	31.06 0.10 0.00	32.84 0.00 0.00	35.23 -0.17 0.00	33.89 -0.23 0.00	35.48 0.02 -2.61	42.56 0.12 -7.03	44.69 0.58 -4.35	42.63 0.79 0.00	48.93 1.10 0.00	49.68 1.40 0.00	53.51 2.02 0.00	42.89 1.47 0.00	41.91 1.16 0.00	36.64 0.80 0.00
PINELAWN_CC_1 323563	38.21 2.09 0.00	32.59 1.57 0.00	33.98 1.14 -6.70	27.43 1.06 -2.16	31.50 1.17 -6.56	34.37 1.30 -7.18	43.68 2.19 -1.46	41.88 2.61 0.00	32.80 2.07 -0.68	33.72 2.16 -3.01	43.53 2.41 -10.16	36.78 2.56 -1.39	38.13 2.67 -0.05	44.50 2.53 -7.84	45.28 2.29 -10.14	47.57 2.62 -9.55	74.10 2.83 -31.52	70.76 2.72 -26.20	75.66 3.13 -24.71	73.03 2.95 -21.79	60.64 2.67 -6.48	53.42 2.38 -9.61	50.46 2.55 -7.16	45.39 2.24 -7.32
PJM_GEN_HTTP_PROXY 323702	39.40 1.60 -1.68	32.30 1.28 0.00	27.05 0.91 0.00	25.10 0.83 -0.06	24.61 0.84 0.00	26.88 0.98 0.00	41.73 1.71 0.00	41.18 1.91 0.00	32.39 1.65 -0.68	32.10 1.85 -1.70	33.03 2.06 0.00	35.10 2.26 0.00	37.97 2.52 -0.05	36.59 2.48 0.00	35.13 2.28 0.00	38.01 2.61 0.00	43.60 2.74 -1.10	44.34 2.51 0.00	50.54 2.72 0.00	50.74 2.45 0.00	53.54 2.05 0.00	43.25 1.83 0.00	42.81 2.06 0.00	37.67 1.83 0.00
PJM_GEN_KEystone 24065	23.89 -0.17 12.05	30.84 -0.18 0.00	25.90 -0.24 0.00	24.09 -0.18 -0.06	23.61 -0.16 0.00	25.82 -0.08 0.00	39.94 -0.08 0.00	39.18 -0.09 0.00	29.20 0.01 0.86	26.67 0.23 2.11	31.37 0.41 0.00	33.30 0.46 0.00	35.92 0.49 -0.02	34.51 0.39 0.00	33.10 0.25 0.00	35.52 0.12 0.00	40.96 0.11 -1.10	41.94 0.10 0.00	47.79 -0.04 0.00	48.31 0.02 0.00	51.07 -0.18 0.24	41.17 -0.25 0.00	40.83 0.08 0.00	35.77 -0.07 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.58 1.79 -1.67	32.35 1.34 0.00	29.74 0.95 -2.65	25.37 0.90 -0.26	25.39 1.00 -0.62	27.68 1.10 -0.69	42.03 1.86 -0.14	41.47 2.20 0.00	32.52 1.79 -0.68	33.15 1.90 -2.71	41.34 2.18 -8.20	35.28 2.31 -0.13	37.89 2.44 -0.05	38.88 2.38 -2.38	35.93 2.18 -0.91	38.71 2.45 -0.85	50.68 2.61 -8.32	48.20 2.44 -3.92	52.78 2.74 -2.22	52.71 2.47 -1.96	53.11 2.18 0.55	44.44 1.98 -1.03	45.26 2.15 -2.36	39.74 1.88 -2.02
PJM_GEN_VFT_PROXY 323633	39.24 1.44 -1.68	32.15 1.13 0.00	26.94 0.80 0.00	25.00 0.73 -0.06	24.52 0.75 0.00	26.78 0.88 0.00	41.54 1.52 0.00	40.99 1.72 0.00	32.25 1.51 -0.68	31.97 1.73 -1.70	32.92 1.95 0.00	34.98 2.14 0.00	37.86 2.40 -0.05	36.49 2.37 0.00	35.01 2.17 0.00	37.90 2.50 0.00	43.43 2.58 -1.10	44.15 2.31 0.00	50.31 2.49 0.00	50.48 2.20 0.00	53.26 1.77 0.00	43.05 1.63 0.00	42.63 1.87 0.00	37.53 1.69 0.00
PLATSBURG_115KV_PMLD1 355749	36.83 0.72 0.00	31.18 0.16 0.00	26.15 0.01 0.00	23.91 -0.30 0.00	23.23 -0.54 0.00	25.25 -0.65 0.00	39.11 -0.91 0.00	38.92 -0.35 0.00	29.95 -0.10 0.00	28.41 -0.13 0.00	30.97 0.00 0.00	32.64 -0.20 0.00	34.95 -0.46 0.00	32.92 -1.20 0.00	13.62 -1.21 18.02	-14.36 -1.24 48.52	8.52 -1.19 30.04	41.36 -0.48 0.00	48.73 0.91 0.00	49.35 1.07 0.00	52.89 1.40 0.00	42.51 1.08 0.00	41.63 0.87 0.00	36.29 0.45 0.00
PLEASANTVLY___LBMP 24000	37.34 1.22 0.00	32.03 1.01 0.00	26.90 0.76 0.00	24.91 0.70 0.00	24.48 0.71 0.00	26.69 0.79 0.00	41.36 1.33 0.00	40.79 1.52 0.00	31.75 1.28 -0.41	30.95 1.35 -1.05	32.44 1.48 0.00	34.44 1.60 0.00	37.28 1.82 -0.06	35.88 1.76 0.00	34.47 1.63 0.00	37.35 1.95 0.00	41.78 2.03 0.00	43.70 1.86 0.00	49.95 2.13 0.00	50.18 1.89 0.00	53.04 1.55 0.00	42.81 1.39 0.00	42.27 1.51 0.00	37.20 1.36 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.60 1.48 0.00	32.22 1.20 0.00	27.02 0.88 0.00	25.02 0.81 0.00	24.60 0.83 0.00	26.85 0.95 0.00	41.64 1.61 0.00	41.08 1.82 0.00	32.20 1.54 -0.60	31.73 1.67 -1.51	32.81 1.84 0.00	34.84 2.01 0.00	37.71 2.26 -0.05	36.33 2.21 0.00	34.89 2.05 0.00	37.80 2.40 0.00	42.27 2.52 0.00	44.18 2.34 0.00	50.43 2.61 0.00	50.65 2.36 0.00	53.49 1.99 0.00	43.18 1.76 0.00	42.67 1.92 0.00	37.56 1.72 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.60 1.48 0.00	32.22 1.20 0.00	27.02 0.88 0.00	25.02 0.81 0.00	24.60 0.83 0.00	26.85 0.95 0.00	41.64 1.61 0.00	41.08 1.82 0.00	32.20 1.54 -0.60	31.73 1.67 -1.51	32.81 1.84 0.00	34.84 2.01 0.00	37.71 2.26 -0.05	36.33 2.21 0.00	34.89 2.05 0.00	37.80 2.40 0.00	42.27 2.52 0.00	44.18 2.34 0.00	50.43 2.61 0.00	50.65 2.36 0.00	53.49 1.99 0.00	43.18 1.76 0.00	42.67 1.92 0.00	37.56 1.72 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.56 1.44 0.00	32.20 1.18 0.00	27.04 0.89 0.00	25.03 0.82 0.00	24.60 0.83 0.00	26.84 0.95 0.00	41.62 1.60 0.00	41.06 1.79 0.00	31.73 1.48 -0.19	30.70 1.52 -0.64	32.61 1.64 0.00	34.59 1.76 0.00	37.40 2.01 0.02	36.11 1.99 0.00	34.71 1.87 0.00	37.61 2.21 0.00	42.16 2.41 0.00	44.18 2.34 0.00	50.47 2.64 0.00	50.73 2.45 0.00	53.62 2.12 0.00	43.21 1.79 0.00	42.60 1.85 0.00	37.46 1.62 0.00
POLETTI_____ 23519	37.58 1.47 0.00	32.18 1.16 0.00	26.94 0.80 0.00	24.91 0.69 0.00	24.40 0.63 0.00	26.62 0.72 0.00	39.95 1.19 1.27	25.30 1.44 15.40	25.29 1.30 6.06	25.40 1.47 4.61	26.64 1.64 5.96	26.64 1.83 8.03	26.63 2.02 10.80	26.62 2.02 9.52	26.61 1.88 8.10	26.64 2.09 10.86	28.33 2.10 13.52	27.93 1.71 15.62	35.29 1.81 14.34	34.91 1.63 15.00	30.84 1.19 21.85	26.65 1.26 16.04	26.64 1.43 15.54	26.65 1.27 10.46
POMONA___ESR 323819	37.38 1.26 0.00	32.01 0.99 0.00	26.86 0.72 0.00	24.90 0.69 0.00	24.47 0.70 0.00	26.71 0.81 0.00	41.40 1.38 0.00	40.79 1.52 0.00	30.35 1.30 1.01	27.49 1.45 2.51	32.63 1.67 0.00	34.68 1.84 0.00	37.53 2.08 -0.04	36.17 2.05 0.00	34.73 1.89 0.00	37.61 2.21 0.00	42.07 2.32 0.00	44.01 2.17 0.00	50.16 2.34 0.00	50.33 2.05 0.00	53.20 1.71 0.00	42.94 1.52 0.00	42.46 1.71 0.00	37.38 1.53 0.00
PORT_JEFF_3 23555	38.03 1.91 0.00	32.45 1.43 0.00	31.45 1.02 -4.28	26.18 0.98 -0.99	27.86 1.08 -3.02	30.40 1.20 -3.31	42.75 2.05 -0.67	41.77 2.50 0.00	32.72 1.98 -0.68	33.44 2.07 -2.83	42.33 2.38 -8.99	35.90 2.43 -0.64	37.91 2.45 -0.05	41.18 2.32 -4.74	39.91 2.11 -4.96	42.54 2.47 -4.67	60.21 2.60 -17.86	58.04 2.51 -13.69	62.79 2.88 -12.09	61.72 2.78 -10.66	56.48 2.45 -2.54	48.23 2.20 -4.60	47.37 2.33 -4.30	42.01 2.04 -4.13
PORT_JEFF_4 23616	38.03 1.91 0.00	32.45 1.43 0.00	31.45 1.02 -4.28	26.18 0.98 -0.99	27.86 1.08 -3.02	30.40 1.20 -3.31	42.75 2.05 -0.67	41.77 2.50 0.00	32.72 1.98 -0.68	33.44 2.07 -2.83	42.33 2.38 -8.99	35.90 2.43 -0.64	37.91 2.45 -0.05	41.18 2.32 -4.74	39.91 2.11 -4.96	42.54 2.47 -4.67	60.21 2.60 -17.86	58.04 2.51 -13.69	62.79 2.88 -12.09	61.72 2.78 -10.66	56.48 2.45 -2.54	48.23 2.20 -4.60	47.37 2.33 -4.30	42.01 2.04 -4.13

PORT_JEFF_IC 23713	38.06 1.95 0.00	32.46 1.45 0.00	31.54 1.04 -4.36	26.23 1.00 -1.03	27.98 1.08 -3.13	30.54 1.21 -3.43	42.82 2.09 -0.70	41.80 2.53 0.00	32.75 2.01 -0.68	33.47 2.09 -2.84	42.40 2.41 -9.03	35.97 2.47 -0.66	37.96 2.50 -0.05	41.32 2.35 -4.86	40.16 2.17 -5.15	42.80 2.55 -4.85	60.80 2.67 -18.38	58.55 2.55 -14.16	63.31 2.92 -12.56	62.25 2.89 -11.08	56.77 2.59 -2.69	48.50 2.30 -4.78	47.52 2.39 -4.39	42.15 2.09 -4.22
PPL PILGRIM_ST_GT1 24216	38.29 2.17 0.00	32.68 1.66 0.00	32.03 1.21 -4.68	26.53 1.14 -1.19	28.61 1.23 -3.61	31.22 1.37 -3.95	43.16 2.33 -0.81	42.04 2.77 0.00	32.93 2.20 -0.68	33.66 2.26 -2.86	42.71 2.57 -9.18	36.28 2.67 -0.76	38.19 2.74 -0.05	42.00 2.56 -5.32	41.10 2.31 -5.95	43.61 2.61 -5.60	62.92 2.72 -20.45	60.53 2.62 -16.07	65.29 2.97 -14.49	63.88 2.81 -12.78	57.31 2.52 -3.29	49.19 2.29 -5.48	48.10 2.58 -4.77	42.81 2.32 -4.65
PPL PILGRIM_ST_GT2 24217	38.29 2.17 0.00	32.68 1.66 0.00	32.03 1.21 -4.68	26.53 1.14 -1.19	28.61 1.23 -3.61	31.22 1.37 -3.95	43.16 2.33 -0.81	42.04 2.77 0.00	32.93 2.20 -0.68	33.66 2.26 -2.86	42.71 2.57 -9.18	36.28 2.67 -0.76	38.19 2.74 -0.05	42.00 2.56 -5.32	41.10 2.31 -5.95	43.61 2.61 -5.60	62.92 2.72 -20.45	60.53 2.62 -16.07	65.29 2.97 -14.49	63.88 2.81 -12.78	57.31 2.52 -3.29	49.19 2.29 -5.48	48.10 2.58 -4.77	42.81 2.32 -4.65
PPL_SHRM_GT3 24213	37.62 1.50 0.00	32.08 1.06 0.00	31.18 0.72 -4.32	25.93 0.71 -1.01	27.65 0.81 -3.07	30.18 0.92 -3.37	42.33 1.62 -0.69	41.36 2.09 0.00	32.40 1.66 -0.68	33.12 1.74 -2.83	42.00 2.04 -9.01	35.49 2.00 -0.65	37.29 1.83 -0.05	40.64 1.73 -4.80	39.48 1.59 -5.05	42.24 2.08 -4.76	60.07 2.21 -18.10	57.93 2.18 -13.91	62.67 2.53 -12.31	61.53 2.39 -10.86	56.09 1.99 -2.61	47.91 1.80 -4.69	46.99 1.91 -4.34	41.64 1.62 -4.18
PPL_SHRM_GT4 24214	37.62 1.50 0.00	32.08 1.06 0.00	31.18 0.72 -4.32	25.93 0.71 -1.01	27.65 0.81 -3.07	30.18 0.92 -3.37	42.33 1.62 -0.69	41.36 2.09 0.00	32.40 1.66 -0.68	33.12 1.74 -2.83	42.00 2.04 -9.01	35.49 2.00 -0.65	37.29 1.83 -0.05	40.64 1.73 -4.80	39.48 1.59 -5.05	42.24 2.08 -4.76	60.07 2.21 -18.10	57.93 2.18 -13.91	62.67 2.53 -12.31	61.53 2.39 -10.86	56.09 1.99 -2.61	47.91 1.80 -4.69	46.99 1.91 -4.34	41.64 1.62 -4.18
PROJECT___ORANGE 1 24174	35.70 -0.42 0.00	30.64 -0.39 0.00	25.83 -0.31 0.00	23.94 -0.27 0.00	23.51 -0.26 0.00	25.65 -0.25 0.00	39.60 -0.42 0.00	38.77 -0.50 0.00	29.70 -0.35 0.00	28.22 -0.33 0.00	30.62 -0.34 0.00	32.52 -0.32 0.00	35.12 -0.29 0.00	33.94 -0.18 0.00	32.69 -0.15 0.00	35.08 -0.32 0.00	39.36 -0.39 0.00	41.45 -0.39 0.00	47.31 -0.51 0.00	47.85 -0.46 -0.03	50.95 -0.60 -0.05	40.84 -0.58 0.00	40.23 -0.52 0.00	35.34 -0.50 0.00
PROJECT___ORANGE 2 24166	35.70 -0.42 0.00	30.64 -0.39 0.00	25.83 -0.31 0.00	23.94 -0.27 0.00	23.51 -0.26 0.00	25.65 -0.25 0.00	39.60 -0.42 0.00	38.77 -0.50 0.00	29.70 -0.35 0.00	28.22 -0.33 0.00	30.62 -0.34 0.00	32.52 -0.32 0.00	35.12 -0.29 0.00	33.94 -0.18 0.00	32.69 -0.15 0.00	35.08 -0.32 0.00	39.36 -0.39 0.00	41.45 -0.39 0.00	47.31 -0.51 0.00	47.85 -0.46 -0.03	50.95 -0.60 -0.05	40.84 -0.58 0.00	40.23 -0.52 0.00	35.34 -0.50 0.00
PUCKETT___SOLAR 323809	36.09 -0.03 0.00	30.94 -0.08 0.00	26.09 -0.05 0.00	24.20 -0.01 0.00	23.76 -0.01 0.00	25.93 0.04 0.00	40.12 0.09 0.00	39.36 0.09 0.00	30.09 0.04 0.00	28.55 0.01 0.00	30.82 -0.15 0.00	32.44 -0.40 0.00	35.05 -0.36 0.00	33.89 -0.23 0.00	32.76 -0.08 0.00	35.37 -0.03 0.00	39.81 0.05 0.00	42.11 0.27 0.00	48.09 0.27 0.00	49.15 0.84 -0.02	52.37 0.84 -0.04	41.85 0.43 0.00	41.38 0.63 0.00	36.24 0.40 0.00
PYRITES___HYD 24023	37.33 1.21 0.00	32.04 1.02 0.00	27.03 0.89 0.00	24.96 0.74 0.00	24.47 0.70 0.00	26.82 0.92 0.00	41.72 1.70 0.00	40.81 1.55 0.00	30.87 0.81 0.00	29.04 0.49 0.00	31.26 0.29 0.00	33.05 0.22 0.00	35.45 0.05 0.00	34.25 0.13 0.00	35.63 0.45 -2.33	42.56 0.88 -6.28	44.95 1.31 -3.89	43.37 1.53 0.00	49.74 1.92 0.00	50.51 2.22 0.00	54.42 2.93 0.00	43.60 2.18 0.00	42.60 1.84 0.00	37.19 1.35 0.00
QUAKERRD_115KV_BK1 80622	35.08 -1.03 0.00	30.15 -0.87 0.00	25.39 -0.75 0.00	23.49 -0.72 0.00	23.05 -0.72 0.00	25.20 -0.70 0.00	38.96 -1.06 0.00	38.14 -1.13 0.00	29.15 -0.91 0.00	27.76 -0.79 0.00	30.26 -0.70 0.00	32.11 -0.73 0.00	34.53 -0.87 0.00	33.27 -0.85 0.00	32.01 -0.84 0.00	34.10 -1.31 0.00	38.33 -1.42 0.00	40.57 -1.27 0.00	46.26 -1.56 0.00	46.92 -1.36 0.00	50.08 -1.41 0.00	40.03 -1.39 0.00	39.45 -1.30 0.00	34.54 -1.31 0.00
QUENSBRY_115KV_TB8 356137	38.61 2.49 0.00	33.13 2.11 0.00	27.88 1.73 0.00	25.83 1.62 0.00	25.44 1.67 0.00	27.79 1.89 0.00	43.07 3.05 0.00	42.42 3.15 0.00	32.33 2.15 -0.12	30.57 1.71 -0.31	32.42 1.46 0.00	34.38 1.55 0.00	37.16 1.80 0.04	35.77 1.65 0.00	34.62 1.78 0.00	37.71 2.31 0.00	42.41 2.65 0.00	44.81 2.97 0.00	52.12 4.29 0.00	52.53 4.24 0.00	55.66 4.17 0.00	44.64 3.21 0.00	43.79 3.04 0.00	38.42 2.58 0.00
RAMAPO___LBMP 323565	37.18 1.06 0.00	31.84 0.82 0.00	26.73 0.59 0.00	24.78 0.57 0.00	24.35 0.58 0.00	26.59 0.69 0.00	41.20 1.17 0.00	40.57 1.30 0.00	30.22 1.12 0.96	27.43 1.27 2.39	32.43 1.46 0.00	34.46 1.62 0.00	37.29 1.84 -0.04	35.92 1.81 0.00	34.48 1.64 0.00	37.34 1.94 0.00	41.76 2.01 0.00	43.71 1.87 0.00	49.84 2.02 0.00	50.02 1.74 0.00	52.89 1.39 0.00	42.70 1.27 0.00	42.23 1.47 0.00	37.17 1.33 0.00
RANKINE____ 23646	35.06 -1.05 0.00	30.19 -0.83 0.00	25.39 -0.75 0.00	23.44 -0.77 0.00	22.97 -0.80 0.00	25.21 -0.69 0.00	38.87 -1.15 0.00	37.95 -1.32 0.00	28.95 -1.10 0.00	27.69 -0.86 0.00	30.28 -0.68 0.00	32.14 -0.70 0.00	34.40 -1.01 0.00	33.01 -1.11 0.00	31.74 -1.10 0.00	33.54 -1.86 0.00	37.81 -1.94 0.00	40.24 -1.60 0.00	45.79 -2.03 0.00	46.78 -1.50 0.00	50.23 -1.26 0.00	39.88 -1.54 0.00	39.65 -1.10 0.00	34.52 -1.32 0.00
RAVENSWOOD_GT2_1 24244	37.75 1.63 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.00 0.00	41.74 1.72 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.09 1.85 -1.70	33.04 2.07 0.00	35.11 2.27 0.00	37.99 2.54 -0.05	36.61 2.49 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.51 2.75 0.00	44.35 2.51 0.00	50.56 2.74 0.00	50.75 2.47 0.00	53.57 2.08 0.00	43.28 1.86 0.00	42.83 2.08 0.00	37.69 1.85 0.00
RAVENSWOOD_GT2_2 24245	37.75 1.63 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.00 0.00	41.74 1.72 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.09 1.85 -1.70	33.04 2.07 0.00	35.11 2.27 0.00	37.99 2.54 -0.05	36.61 2.49 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.51 2.75 0.00	44.35 2.51 0.00	50.56 2.74 0.00	50.75 2.47 0.00	53.57 2.08 0.00	43.28 1.86 0.00	42.83 2.08 0.00	37.69 1.85 0.00

RAVENSWOOD_GT2_3 24246	37.76 1.64 0.00	32.34 1.32 0.00	27.09 0.95 0.00	25.07 0.86 0.00	24.64 0.87 0.00	26.91 1.02 0.00	41.78 1.75 0.00	41.22 1.95 0.00	32.42 1.68 -0.68	32.11 1.87 -1.70	33.05 2.09 0.00	35.13 2.29 0.00	38.02 2.57 -0.05	36.63 2.52 0.00	35.15 2.31 0.00	38.06 2.65 0.00	42.52 2.77 0.00	44.38 2.54 0.00	50.59 2.77 0.00	50.78 2.50 0.00	53.61 2.12 0.00	43.31 1.89 0.00	42.86 2.11 0.00	37.71 1.87 0.00
RAVENSWOOD_GT2_4 24247	37.76 1.64 0.00	32.34 1.32 0.00	27.09 0.95 0.00	25.07 0.86 0.00	24.64 0.87 0.00	26.91 1.02 0.00	41.78 1.75 0.00	41.22 1.95 0.00	32.42 1.68 -0.68	32.11 1.87 -1.70	33.05 2.09 0.00	35.13 2.29 0.00	38.02 2.57 -0.05	36.63 2.52 0.00	35.15 2.31 0.00	38.06 2.65 0.00	42.52 2.77 0.00	44.38 2.54 0.00	50.59 2.77 0.00	50.78 2.50 0.00	53.61 2.12 0.00	43.31 1.89 0.00	42.86 2.11 0.00	37.71 1.87 0.00
RAVENSWOOD_GT3_1 24248	37.75 1.63 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.00 0.00	41.75 1.73 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.10 1.86 -1.70	33.04 2.08 0.00	35.11 2.27 0.00	37.99 2.54 -0.05	36.61 2.49 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.51 2.75 0.00	44.36 2.52 0.00	50.56 2.74 0.00	50.75 2.47 0.00	53.57 2.08 0.00	43.28 1.86 0.00	42.84 2.08 0.00	37.69 1.85 0.00
RAVENSWOOD_GT3_2 24249	37.75 1.63 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.00 0.00	41.75 1.73 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.10 1.86 -1.70	33.04 2.08 0.00	35.11 2.27 0.00	37.99 2.54 -0.05	36.61 2.49 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.51 2.75 0.00	44.36 2.52 0.00	50.56 2.74 0.00	50.75 2.47 0.00	53.57 2.08 0.00	43.28 1.86 0.00	42.84 2.08 0.00	37.69 1.85 0.00
RAVENSWOOD_GT3_3 24250	37.80 1.68 0.00	32.37 1.35 0.00	27.12 0.98 0.00	25.10 0.88 0.00	24.67 0.90 0.00	26.94 1.05 0.00	41.82 1.80 0.00	41.28 2.01 0.00	32.47 1.73 -0.68	32.15 1.91 -1.70	33.10 2.14 0.00	35.18 2.34 0.00	38.06 2.61 -0.05	36.68 2.56 0.00	35.20 2.36 0.00	38.10 2.70 0.00	42.58 2.83 0.00	44.45 2.61 0.00	50.66 2.84 0.00	50.85 2.57 0.00	53.67 2.18 0.00	43.36 1.94 0.00	42.91 2.16 0.00	37.76 1.92 0.00
RAVENSWOOD_GT3_4 24251	37.80 1.68 0.00	32.37 1.35 0.00	27.12 0.98 0.00	25.10 0.88 0.00	24.67 0.90 0.00	26.94 1.05 0.00	41.82 1.80 0.00	41.28 2.01 0.00	32.47 1.73 -0.68	32.15 1.91 -1.70	33.10 2.14 0.00	35.18 2.34 0.00	38.06 2.61 -0.05	36.68 2.56 0.00	35.20 2.36 0.00	38.10 2.70 0.00	42.58 2.83 0.00	44.45 2.61 0.00	50.66 2.84 0.00	50.85 2.57 0.00	53.67 2.18 0.00	43.36 1.94 0.00	42.91 2.16 0.00	37.76 1.92 0.00
RAVENSWOOD_GT_1 23729	37.74 1.63 0.00	32.31 1.29 0.00	27.09 0.94 0.00	25.06 0.85 0.00	24.64 0.88 0.00	26.93 1.03 0.00	41.75 1.73 0.00	41.29 2.02 0.00	32.49 1.75 -0.68	32.18 1.93 -1.70	33.12 2.16 0.00	35.25 2.42 0.00	38.18 2.73 -0.05	36.76 2.64 0.00	35.26 2.41 0.00	38.12 2.72 0.00	42.54 2.79 0.00	44.34 2.50 0.00	50.54 2.71 0.00	50.78 2.50 0.00	53.59 2.10 0.00	43.36 1.94 0.00	42.87 2.12 0.00	37.70 1.86 0.00
RAVENSWOOD_GT_10 24258	37.75 1.64 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.00 0.00	41.75 1.73 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.09 1.85 -1.70	33.04 2.07 0.00	35.10 2.27 0.00	37.99 2.54 -0.05	36.61 2.49 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.50 2.75 0.00	44.36 2.52 0.00	50.57 2.75 0.00	50.76 2.48 0.00	53.58 2.09 0.00	43.28 1.86 0.00	42.84 2.09 0.00	37.69 1.85 0.00
RAVENSWOOD_GT_11 24259	37.75 1.64 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.00 0.00	41.75 1.73 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.09 1.85 -1.70	33.04 2.07 0.00	35.10 2.27 0.00	37.99 2.54 -0.05	36.61 2.49 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.50 2.75 0.00	44.36 2.52 0.00	50.57 2.75 0.00	50.76 2.48 0.00	53.58 2.09 0.00	43.28 1.86 0.00	42.84 2.09 0.00	37.69 1.85 0.00
RAVENSWOOD_GT_4 24252	37.75 1.64 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.01 0.00	41.75 1.73 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.10 1.86 -1.70	33.04 2.08 0.00	35.11 2.27 0.00	37.99 2.54 -0.05	36.61 2.50 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.51 2.75 0.00	44.36 2.52 0.00	50.57 2.75 0.00	50.76 2.48 0.00	53.58 2.09 0.00	43.28 1.86 0.00	42.84 2.09 0.00	37.69 1.85 0.00
RAVENSWOOD_GT_5 24254	37.75 1.64 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.01 0.00	41.75 1.73 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.10 1.86 -1.70	33.04 2.08 0.00	35.11 2.27 0.00	37.99 2.54 -0.05	36.61 2.50 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.51 2.75 0.00	44.36 2.52 0.00	50.57 2.75 0.00	50.76 2.48 0.00	53.58 2.09 0.00	43.28 1.86 0.00	42.84 2.09 0.00	37.69 1.85 0.00
RAVENSWOOD_GT_6 24253	37.75 1.64 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.01 0.00	41.75 1.73 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.10 1.86 -1.70	33.04 2.08 0.00	35.11 2.27 0.00	37.99 2.54 -0.05	36.61 2.50 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.51 2.75 0.00	44.36 2.52 0.00	50.57 2.75 0.00	50.76 2.48 0.00	53.58 2.09 0.00	43.28 1.86 0.00	42.84 2.09 0.00	37.69 1.85 0.00
RAVENSWOOD_GT_7 24255	37.75 1.64 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.01 0.00	41.75 1.73 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.10 1.86 -1.70	33.04 2.08 0.00	35.11 2.27 0.00	37.99 2.54 -0.05	36.61 2.50 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.51 2.75 0.00	44.36 2.52 0.00	50.57 2.75 0.00	50.76 2.48 0.00	53.58 2.09 0.00	43.28 1.86 0.00	42.84 2.09 0.00	37.69 1.85 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.75 1.64 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.00 0.00	41.75 1.73 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.09 1.85 -1.70	33.04 2.07 0.00	35.10 2.27 0.00	37.99 2.54 -0.05	36.61 2.49 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.50 2.75 0.00	44.36 2.52 0.00	50.57 2.75 0.00	50.76 2.48 0.00	53.58 2.09 0.00	43.28 1.86 0.00	42.84 2.09 0.00	37.69 1.85 0.00
RAVENSWOOD_GT_9 24257	37.75 1.64 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.00 0.00	41.75 1.73 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.09 1.85 -1.70	33.04 2.07 0.00	35.10 2.27 0.00	37.99 2.54 -0.05	36.61 2.49 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.50 2.75 0.00	44.36 2.52 0.00	50.57 2.75 0.00	50.76 2.48 0.00	53.58 2.09 0.00	43.28 1.86 0.00	42.84 2.09 0.00	37.69 1.85 0.00

RAVENSWOOD___1 23533	37.75 1.63 0.00	32.31 1.29 0.00	27.09 0.94 0.00	25.06 0.86 0.00	24.64 0.88 0.00	26.93 1.03 0.00	41.76 1.73 0.00	41.29 2.02 0.00	32.49 1.75 -0.68	32.17 1.93 -1.70	33.12 2.16 0.00	35.26 2.42 0.00	38.18 2.73 -0.05	36.77 2.65 0.00	35.27 2.43 0.00	38.12 2.72 0.00	42.54 2.79 0.00	44.33 2.49 0.00	50.53 2.71 0.00	50.78 2.50 0.00	53.59 2.10 0.00	43.37 1.95 0.00	42.87 2.12 0.00	37.70 1.86 0.00
RAVENSWOOD___2 23534	37.75 1.63 0.00	32.31 1.29 0.00	27.09 0.94 0.00	25.06 0.86 0.00	24.64 0.88 0.00	26.93 1.03 0.00	41.76 1.73 0.00	41.29 2.02 0.00	32.49 1.75 -0.68	32.17 1.93 -1.70	33.12 2.16 0.00	35.26 2.42 0.00	38.18 2.73 -0.05	36.77 2.65 0.00	35.27 2.43 0.00	38.12 2.72 0.00	42.54 2.79 0.00	44.33 2.49 0.00	50.53 2.71 0.00	50.78 2.50 0.00	53.59 2.10 0.00	43.37 1.95 0.00	42.87 2.12 0.00	37.70 1.86 0.00
RAVENSWOOD___3 23535	37.75 1.64 0.00	32.32 1.30 0.00	27.08 0.94 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.90 1.01 0.00	41.75 1.73 0.00	41.21 1.94 0.00	32.41 1.67 -0.68	32.10 1.86 -1.70	33.04 2.08 0.00	35.12 2.28 0.00	38.00 2.55 -0.05	36.62 2.50 0.00	35.13 2.29 0.00	38.03 2.63 0.00	42.51 2.75 0.00	44.35 2.51 0.00	50.57 2.74 0.00	50.76 2.48 0.00	53.58 2.09 0.00	43.29 1.87 0.00	42.84 2.09 0.00	37.69 1.85 0.00
RAVENSWOOD___4 23820	37.75 1.63 0.00	32.31 1.29 0.00	27.09 0.94 0.00	25.06 0.86 0.00	24.64 0.88 0.00	26.93 1.03 0.00	41.76 1.73 0.00	41.29 2.02 0.00	32.49 1.75 -0.68	32.17 1.93 -1.70	33.12 2.16 0.00	35.26 2.42 0.00	38.18 2.73 -0.05	36.77 2.65 0.00	35.27 2.43 0.00	38.12 2.72 0.00	42.54 2.79 0.00	44.33 2.49 0.00	50.53 2.71 0.00	50.78 2.50 0.00	53.59 2.10 0.00	43.37 1.95 0.00	42.87 2.12 0.00	37.70 1.86 0.00
RCPL_TRUST___DRP 24196	37.78 1.66 0.00	32.34 1.33 0.00	27.09 0.94 0.00	25.07 0.86 0.00	24.64 0.87 0.00	26.92 1.02 0.00	41.79 1.77 0.00	41.26 1.99 0.00	32.45 1.71 -0.68	32.17 1.92 -1.70	33.11 2.15 0.00	35.19 2.36 0.00	38.06 2.61 -0.05	36.69 2.57 0.00	35.20 2.36 0.00	38.09 2.68 0.00	42.57 2.81 0.00	44.42 2.58 0.00	50.62 2.80 0.00	50.79 2.51 0.00	53.61 2.12 0.00	43.30 1.88 0.00	42.85 2.10 0.00	37.71 1.87 0.00
RED___ROCHESTER 323720	36.08 -0.04 0.00	31.00 -0.02 0.00	26.09 -0.05 0.00	24.12 -0.09 0.00	23.67 -0.10 0.00	25.90 0.01 0.00	40.05 0.03 0.00	39.21 -0.06 0.00	29.95 -0.11 0.00	28.58 0.03 0.00	31.21 0.25 0.00	33.14 0.30 0.00	35.55 0.14 0.00	34.22 0.10 0.00	32.92 0.07 0.00	34.98 -0.42 0.00	39.33 -0.43 0.00	41.71 -0.13 0.00	47.53 -0.29 0.00	48.27 -0.02 0.00	51.57 0.07 0.00	41.13 -0.30 0.00	40.55 -0.20 0.00	35.44 -0.40 0.00
REGAN___SOLAR 323812	37.71 1.60 0.00	32.36 1.34 0.00	27.25 1.11 0.00	25.22 1.01 0.00	24.81 1.04 0.00	27.07 1.17 0.00	42.09 2.06 0.00	41.41 2.14 0.00	30.82 0.65 -0.12	29.00 0.15 -0.30	30.83 -0.14 0.00	32.80 -0.04 0.00	35.50 0.12 0.03	34.25 0.14 0.00	33.39 0.54 0.00	35.90 0.50 0.00	41.14 1.38 0.00	44.10 2.26 0.00	50.61 2.78 0.00	51.12 2.84 0.00	54.40 2.91 0.00	43.65 2.22 0.00	42.87 2.12 0.00	37.62 1.77 0.00
RENSSELAER___COGEN 23796	36.18 0.06 0.00	31.17 0.15 0.00	26.33 0.19 0.00	24.49 0.28 0.00	24.12 0.36 0.00	26.24 0.35 0.00	40.37 0.35 0.00	39.66 0.39 0.00	30.59 0.41 -0.13	29.24 0.37 -0.33	31.29 0.33 0.00	33.13 0.29 0.00	35.74 0.37 0.04	34.47 0.35 0.00	33.22 0.38 0.00	35.98 0.58 0.00	40.23 0.48 0.00	42.22 0.38 0.00	48.46 0.64 0.00	48.75 0.46 0.00	51.67 0.18 0.00	41.67 0.24 0.00	40.96 0.21 0.00	36.11 0.27 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.46 4.34 0.00	34.62 3.60 0.00	29.04 2.90 0.00	26.92 2.71 0.00	26.65 2.88 0.00	29.21 3.31 0.00	45.39 5.37 0.00	44.82 5.55 0.00	33.91 3.73 -0.12	31.79 2.93 -0.32	33.72 2.76 0.00	35.65 2.81 0.00	38.57 3.21 0.05	37.07 2.96 0.00	36.25 3.40 0.00	39.60 4.20 0.00	44.63 4.88 0.00	46.98 5.14 0.00	55.03 7.21 0.00	55.62 7.33 0.00	58.73 7.23 0.00	46.83 5.41 0.00	45.91 5.16 0.00	40.17 4.33 0.00
REVERE_CPPR_DRP 24186	36.98 0.86 0.00	31.70 0.68 0.00	26.71 0.57 0.00	24.78 0.57 0.00	24.30 0.53 0.00	26.58 0.68 0.00	41.24 1.22 0.00	40.37 1.10 0.00	30.77 0.71 0.00	29.08 0.53 0.00	31.38 0.42 0.00	33.22 0.38 0.00	35.78 0.37 0.00	34.69 0.57 0.00	33.89 1.05 0.00	36.72 1.32 0.00	41.48 1.73 0.00	43.55 1.71 0.00	50.00 2.18 0.00	50.67 2.37 -0.01	54.00 2.48 -0.02	43.21 1.78 0.00	42.36 1.61 0.00	37.06 1.21 0.00
REYNLDPA_13_KV_LD 356490	36.54 0.42 0.00	31.39 0.37 0.00	26.44 0.30 0.00	24.43 0.22 0.00	23.94 0.17 0.00	26.12 0.22 0.00	40.48 0.45 0.00	39.75 0.48 0.00	30.29 0.24 0.00	28.72 0.17 0.00	31.17 0.21 0.00	33.05 0.21 0.00	35.49 0.08 0.00	34.11 -0.01 0.00	32.89 0.05 0.00	35.38 -0.03 0.00	39.87 0.11 0.00	42.09 0.26 0.00	48.15 0.33 0.00	48.80 0.51 0.00	52.44 0.94 0.00	42.11 0.69 0.00	41.29 0.54 0.00	36.20 0.36 0.00
REYNOLDS_115KV_TB3 80639	36.46 0.34 0.00	31.39 0.37 0.00	26.51 0.37 0.00	24.66 0.45 0.00	24.31 0.54 0.00	26.46 0.56 0.00	40.72 0.70 0.00	40.03 0.76 0.00	30.85 0.66 -0.14	29.49 0.59 -0.35	31.53 0.57 0.00	33.41 0.57 0.00	36.04 0.68 0.05	34.75 0.63 0.00	33.47 0.63 0.00	36.26 0.86 0.00	40.53 0.78 0.00	42.53 0.69 0.00	48.84 1.02 0.00	49.10 0.82 0.00	52.05 0.56 0.00	42.00 0.58 0.00	41.29 0.53 0.00	36.40 0.56 0.00
RIVERBAY____ 323610	38.80 2.68 0.00	33.24 2.22 0.00	27.87 1.72 0.00	25.77 1.56 0.00	25.40 1.63 0.00	27.81 1.91 0.00	43.11 3.08 0.00	42.56 3.29 0.00	33.43 2.69 -0.68	33.01 2.77 -1.70	34.01 3.05 0.00	36.15 3.31 0.00	39.11 3.65 -0.05	37.65 3.53 0.00	36.07 3.23 0.00	38.97 3.57 0.00	43.52 3.76 0.00	45.22 3.38 0.00	51.42 3.59 0.00	51.79 3.51 0.00	54.72 3.23 0.00	44.37 2.94 0.00	43.92 3.17 0.00	38.70 2.86 0.00
RIVERSDE_115KV_TB3 55908	36.32 0.20 0.00	31.29 0.28 0.00	26.44 0.29 0.00	24.60 0.39 0.00	24.24 0.47 0.00	26.38 0.48 0.00	40.58 0.56 0.00	39.89 0.62 0.00	30.76 0.57 -0.13	29.40 0.51 -0.34	31.45 0.49 0.00	33.31 0.47 0.00	35.94 0.58 0.04	34.66 0.54 0.00	33.39 0.55 0.00	36.18 0.78 0.00	40.46 0.71 0.00	42.47 0.63 0.00	48.73 0.91 0.00	49.00 0.72 0.00	51.94 0.45 0.00	41.88 0.45 0.00	41.17 0.42 0.00	36.29 0.45 0.00
ROARING___BROOK_WT_PWR 323790	35.51 -0.61 0.00	30.47 -0.55 0.00	25.65 -0.50 0.00	23.72 -0.49 0.00	23.28 -0.49 0.00	25.35 -0.55 0.00	39.20 -0.82 0.00	38.49 -0.78 0.00	29.54 -0.52 0.00	28.10 -0.45 0.00	30.46 -0.50 0.00	32.26 -0.57 0.00	34.71 -0.69 0.00	33.38 -0.73 0.00	32.21 -0.64 0.00	34.93 -0.47 0.00	39.51 -0.24 0.00	41.40 -0.44 0.00	47.63 -0.19 0.00	48.22 -0.06 0.00	51.58 0.09 0.00	41.48 0.06 0.00	40.73 -0.03 0.00	35.79 -0.05 0.00

ROCHESRG_115KV_T4 355643	35.69 -0.43 0.00	30.67 -0.35 0.00	25.83 -0.31 0.00	23.88 -0.33 0.00	23.43 -0.33 0.00	25.63 -0.26 0.00	39.60 -0.42 0.00	38.76 -0.51 0.00	29.61 -0.45 0.00	28.22 -0.33 0.00	30.79 -0.17 0.00	32.69 -0.15 0.00	35.09 -0.32 0.00	33.78 -0.34 0.00	32.50 -0.34 0.00	34.56 -0.84 0.00	38.85 -0.91 0.00	41.15 -0.68 0.00	46.93 -0.90 0.00	47.65 -0.63 0.00	50.92 -0.57 0.00	40.66 -0.76 0.00	40.11 -0.64 0.00	35.09 -0.76 0.00
ROCHESTER_9_IC 23652	35.90 -0.21 0.00	30.85 -0.17 0.00	25.97 -0.17 0.00	24.02 -0.19 0.00	23.56 -0.21 0.00	25.78 -0.12 0.00	39.85 -0.17 0.00	39.01 -0.26 0.00	29.80 -0.26 0.00	28.41 -0.13 0.00	31.02 0.06 0.00	32.94 0.11 0.00	35.35 -0.06 0.00	34.04 -0.08 0.00	32.74 -0.10 0.00	34.79 -0.61 0.00	39.10 -0.66 0.00	41.45 -0.40 0.00	47.24 -0.58 0.00	47.98 -0.30 0.00	51.27 -0.22 0.00	40.92 -0.51 0.00	40.36 -0.39 0.00	35.28 -0.57 0.00
ROCKVIEW_13_KV_LD 356306	37.73 1.61 0.00	32.31 1.29 0.00	27.09 0.95 0.00	25.08 0.87 0.00	24.64 0.87 0.00	26.90 1.00 0.00	41.74 1.72 0.00	41.21 1.95 0.00	32.38 1.65 -0.68	32.04 1.80 -1.70	32.98 2.02 0.00	35.03 2.20 0.00	37.92 2.46 -0.05	36.53 2.41 0.00	35.07 2.23 0.00	37.98 2.58 0.00	42.48 2.73 0.00	44.39 2.55 0.00	50.62 2.80 0.00	50.83 2.55 0.00	53.69 2.20 0.00	43.36 1.94 0.00	42.87 2.12 0.00	37.72 1.88 0.00
ROME____115KV_TB2 80656	36.98 0.86 0.00	31.70 0.68 0.00	26.71 0.57 0.00	24.78 0.57 0.00	24.30 0.53 0.00	26.58 0.68 0.00	41.24 1.22 0.00	40.37 1.10 0.00	30.77 0.71 0.00	29.08 0.53 0.00	31.38 0.42 0.00	33.22 0.38 0.00	35.78 0.37 0.00	34.69 0.57 0.00	33.89 1.05 0.00	36.72 1.32 0.00	41.48 1.73 0.00	43.55 1.71 0.00	50.00 2.18 0.00	50.67 2.37 -0.01	54.00 2.48 -0.02	43.21 1.78 0.00	42.36 1.61 0.00	37.06 1.21 0.00
ROSETON____1 23587	37.00 0.88 0.00	31.73 0.71 0.00	26.68 0.54 0.00	24.72 0.51 0.00	24.29 0.52 0.00	26.49 0.59 0.00	40.99 0.97 0.00	40.35 1.08 0.00	30.51 0.93 0.48	28.34 1.02 1.22	32.12 1.15 0.00	34.11 1.27 0.00	36.88 1.44 -0.03	35.53 1.41 0.00	34.12 1.28 0.00	36.91 1.51 0.00	41.32 1.57 0.00	43.30 1.46 0.00	49.44 1.62 0.00	49.68 1.39 0.00	52.58 1.09 0.00	42.43 1.00 0.00	41.90 1.14 0.00	36.91 1.07 0.00
ROSETON____2 23588	37.00 0.88 0.00	31.73 0.71 0.00	26.68 0.54 0.00	24.72 0.51 0.00	24.29 0.52 0.00	26.49 0.59 0.00	40.99 0.97 0.00	40.35 1.08 0.00	30.51 0.93 0.48	28.34 1.02 1.22	32.12 1.15 0.00	34.11 1.27 0.00	36.88 1.44 -0.03	35.53 1.41 0.00	34.12 1.28 0.00	36.91 1.51 0.00	41.32 1.57 0.00	43.30 1.46 0.00	49.44 1.62 0.00	49.68 1.39 0.00	52.58 1.09 0.00	42.43 1.00 0.00	41.90 1.14 0.00	36.91 1.07 0.00
ROTTRDAM_115KV_TB3 80664	36.99 0.87 0.00	31.78 0.76 0.00	26.80 0.65 0.00	24.82 0.61 0.00	24.40 0.63 0.00	26.57 0.67 0.00	41.09 1.06 0.00	40.36 1.09 0.00	30.91 0.74 -0.12	29.49 0.65 -0.30	31.59 0.62 0.00	33.53 0.69 0.00	36.17 0.79 0.03	34.86 0.74 0.00	33.57 0.72 0.00	36.31 0.91 0.00	40.77 1.02 0.00	42.98 1.14 0.00	49.30 1.48 0.00	49.65 1.37 0.00	52.74 1.24 0.00	42.46 1.04 0.00	41.77 1.02 0.00	36.78 0.94 0.00
RUSSELL____1 23602	36.09 -0.03 0.00	31.00 -0.02 0.00	26.09 -0.05 0.00	24.12 -0.09 0.00	23.67 -0.10 0.00	25.90 0.01 0.00	40.05 0.03 0.00	39.20 -0.07 0.00	29.95 -0.11 0.00	28.58 0.03 0.00	31.22 0.26 0.00	33.15 0.31 0.00	35.56 0.16 0.00	34.25 0.13 0.00	32.94 0.10 0.00	34.98 -0.42 0.00	39.33 -0.43 0.00	41.70 -0.14 0.00	47.53 -0.30 0.00	48.26 -0.02 0.00	51.57 0.08 0.00	41.14 -0.28 0.00	40.55 -0.20 0.00	35.43 -0.41 0.00
RUSSELL____2 23532	36.09 -0.03 0.00	31.00 -0.02 0.00	26.09 -0.05 0.00	24.12 -0.09 0.00	23.67 -0.10 0.00	25.90 0.01 0.00	40.05 0.03 0.00	39.20 -0.07 0.00	29.95 -0.11 0.00	28.58 0.03 0.00	31.22 0.26 0.00	33.15 0.31 0.00	35.56 0.16 0.00	34.25 0.13 0.00	32.94 0.10 0.00	34.98 -0.42 0.00	39.33 -0.43 0.00	41.70 -0.14 0.00	47.53 -0.30 0.00	48.26 -0.02 0.00	51.57 0.08 0.00	41.14 -0.28 0.00	40.55 -0.20 0.00	35.43 -0.41 0.00
RUSSELL____3 23549	36.09 -0.03 0.00	31.00 -0.02 0.00	26.09 -0.05 0.00	24.12 -0.09 0.00	23.67 -0.10 0.00	25.90 0.01 0.00	40.05 0.03 0.00	39.20 -0.07 0.00	29.95 -0.11 0.00	28.58 0.03 0.00	31.22 0.26 0.00	33.15 0.31 0.00	35.56 0.16 0.00	34.25 0.13 0.00	32.94 0.10 0.00	34.98 -0.42 0.00	39.33 -0.43 0.00	41.70 -0.14 0.00	47.53 -0.30 0.00	48.26 -0.02 0.00	51.57 0.08 0.00	41.14 -0.28 0.00	40.55 -0.20 0.00	35.43 -0.41 0.00
RUSSELL____4 23556	36.09 -0.03 0.00	31.00 -0.02 0.00	26.09 -0.05 0.00	24.12 -0.09 0.00	23.67 -0.10 0.00	25.90 0.01 0.00	40.05 0.03 0.00	39.20 -0.07 0.00	29.95 -0.11 0.00	28.58 0.03 0.00	31.22 0.26 0.00	33.15 0.31 0.00	35.56 0.16 0.00	34.25 0.13 0.00	32.94 0.10 0.00	34.98 -0.42 0.00	39.33 -0.43 0.00	41.70 -0.14 0.00	47.53 -0.30 0.00	48.26 -0.02 0.00	51.57 0.08 0.00	41.14 -0.28 0.00	40.55 -0.20 0.00	35.43 -0.41 0.00
RUSSELL____STATION 23914	36.09 -0.03 0.00	31.00 -0.02 0.00	26.09 -0.05 0.00	24.12 -0.09 0.00	23.67 -0.10 0.00	25.90 0.01 0.00	40.05 0.03 0.00	39.20 -0.07 0.00	29.95 -0.11 0.00	28.58 0.03 0.00	31.22 0.26 0.00	33.15 0.31 0.00	35.56 0.16 0.00	34.25 0.13 0.00	32.94 0.10 0.00	34.98 -0.42 0.00	39.33 -0.43 0.00	41.70 -0.14 0.00	47.53 -0.30 0.00	48.26 -0.02 0.00	51.57 0.08 0.00	41.14 -0.28 0.00	40.55 -0.20 0.00	35.43 -0.41 0.00
S SALMON____HYD 24043	35.68 -0.43 0.00	30.58 -0.43 0.00	25.77 -0.37 0.00	23.87 -0.34 0.00	23.45 -0.32 0.00	25.70 -0.20 0.00	39.85 -0.18 0.00	39.00 -0.27 0.00	29.82 -0.23 0.00	28.28 -0.27 0.00	30.38 -0.58 0.00	32.09 -0.75 0.00	34.65 -0.76 0.00	33.38 -0.74 0.00	32.66 -0.19 0.00	35.12 -0.28 0.00	39.90 0.15 0.00	42.12 0.28 0.00	48.10 0.28 0.00	48.91 0.58 -0.05	52.43 0.86 -0.09	41.80 0.37 0.00	40.74 -0.01 0.00	35.70 -0.14 0.00
S.PERRY__115KV_TB1 80734	36.30 0.18 0.00	31.15 0.13 0.00	26.18 0.04 0.00	24.26 0.05 0.00	23.84 0.07 0.00	26.19 0.29 0.00	40.54 0.52 0.00	39.63 0.36 0.00	29.97 -0.09 0.00	28.29 -0.25 0.00	31.16 0.20 0.00	33.29 0.45 0.00	35.81 0.40 0.00	34.27 0.15 0.00	32.96 0.12 0.00	34.91 -0.49 0.00	39.57 -0.18 0.00	42.61 0.77 0.00	48.53 0.71 0.00	49.70 1.42 0.00	53.24 1.75 0.00	42.33 0.91 0.00	41.77 1.02 0.00	36.33 0.48 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.95 -1.17 0.00	30.12 -0.89 0.00	25.35 -0.80 0.00	23.38 -0.83 0.00	22.91 -0.86 0.00	25.12 -0.78 0.00	38.70 -1.32 0.00	37.78 -1.49 0.00	28.82 -1.24 0.00	27.53 -1.01 0.00	30.08 -0.88 0.00	31.90 -0.93 0.00	34.11 -1.30 0.00	32.75 -1.37 0.00	31.50 -1.34 0.00	33.23 -2.17 0.00	37.44 -2.32 0.00	39.84 -2.00 0.00	45.35 -2.47 0.00	46.31 -1.97 0.00	49.75 -1.74 0.00	39.53 -1.90 0.00	39.33 -1.42 0.00	34.27 -1.57 0.00

SAWYER___23_KV_LOAD 55526	34.95 -1.17 0.00	30.12 -0.89 0.00	25.35 -0.80 0.00	23.38 -0.83 0.00	22.91 -0.86 0.00	25.12 -0.78 0.00	38.70 -1.32 0.00	37.78 -1.49 0.00	28.82 -1.24 0.00	27.53 -1.01 0.00	30.08 -0.88 0.00	31.90 -0.93 0.00	34.11 -1.30 0.00	32.75 -1.37 0.00	31.50 -1.34 0.00	33.23 -2.17 0.00	37.44 -2.32 0.00	39.84 -2.00 0.00	45.35 -2.47 0.00	46.31 -1.97 0.00	49.75 -1.74 0.00	39.53 -1.90 0.00	39.33 -1.42 0.00	34.27 -1.57 0.00
SELKIRK___I 23801	36.71 0.59 0.00	31.59 0.57 0.00	26.67 0.52 0.00	24.76 0.54 0.00	24.34 0.57 0.00	26.49 0.59 0.00	40.84 0.81 0.00	40.08 0.82 0.00	30.78 0.60 -0.12	29.39 0.54 -0.31	31.50 0.54 0.00	33.42 0.58 0.00	35.99 0.60 0.03	34.63 0.52 0.00	33.30 0.46 0.00	36.18 0.77 0.00	40.43 0.67 0.00	42.59 0.74 0.00	48.87 1.04 0.00	49.21 0.93 0.00	52.22 0.73 0.00	42.09 0.67 0.00	41.42 0.66 0.00	36.53 0.70 0.00
SELKIRK___II 23799	36.47 0.35 0.00	31.39 0.37 0.00	26.50 0.36 0.00	24.60 0.39 0.00	24.21 0.44 0.00	26.33 0.43 0.00	40.58 0.55 0.00	39.88 0.61 0.00	30.70 0.53 -0.12	29.33 0.49 -0.30	31.44 0.47 0.00	33.32 0.48 0.00	35.95 0.57 0.03	34.65 0.54 0.00	33.36 0.51 0.00	36.12 0.72 0.00	40.40 0.65 0.00	42.42 0.58 0.00	48.63 0.81 0.00	48.94 0.66 0.00	51.91 0.42 0.00	41.86 0.44 0.00	41.18 0.43 0.00	36.31 0.47 0.00
SENECA OSWGO___HYD 24041	35.46 -0.66 0.00	30.44 -0.58 0.00	25.66 -0.48 0.00	23.78 -0.42 0.00	23.36 -0.41 0.00	25.47 -0.43 0.00	39.31 -0.72 0.00	38.47 -0.80 0.00	29.48 -0.58 0.00	27.98 -0.57 0.00	30.33 -0.63 0.00	32.18 -0.66 0.00	34.72 -0.69 0.00	33.58 -0.54 0.00	32.35 -0.50 0.00	34.76 -0.64 0.00	39.02 -0.73 0.00	41.09 -0.75 0.00	46.89 -0.93 0.00	47.50 -0.88 -0.10	50.65 -1.02 -0.17	40.54 -0.88 0.00	39.89 -0.87 0.00	35.07 -0.77 0.00
SENECA___115KV_TB3 355854	35.12 -1.00 0.00	30.23 -0.79 0.00	25.44 -0.71 0.00	23.47 -0.74 0.00	23.00 -0.77 0.00	25.25 -0.64 0.00	38.94 -1.09 0.00	38.03 -1.24 0.00	29.01 -1.05 0.00	27.74 -0.81 0.00	30.34 -0.63 0.00	32.19 -0.64 0.00	34.46 -0.95 0.00	33.07 -1.04 0.00	31.80 -1.05 0.00	33.59 -1.81 0.00	37.87 -1.88 0.00	40.32 -1.52 0.00	45.87 -1.95 0.00	46.86 -1.42 0.00	50.31 -1.18 0.00	39.95 -1.48 0.00	39.71 -1.05 0.00	34.57 -1.27 0.00
SENECA___ENERGY 23797	35.76 -0.36 0.00	30.68 -0.34 0.00	25.83 -0.31 0.00	23.97 -0.24 0.00	23.55 -0.22 0.00	25.75 -0.15 0.00	39.82 -0.20 0.00	39.02 -0.25 0.00	29.78 -0.28 0.00	28.22 -0.33 0.00	30.67 -0.29 0.00	32.56 -0.28 0.00	35.26 -0.14 0.00	34.16 0.04 0.00	32.80 -0.04 0.00	35.04 -0.36 0.00	39.42 -0.33 0.00	41.62 -0.22 0.00	47.52 -0.30 0.00	48.25 -0.07 -0.04	51.39 -0.16 -0.07	41.12 -0.30 0.00	40.51 -0.25 0.00	35.49 -0.35 0.00
SHOEMAKER___GT 23640	36.97 0.85 0.00	31.70 0.68 0.00	26.65 0.51 0.00	24.70 0.49 0.00	24.27 0.50 0.00	26.46 0.57 0.00	40.97 0.94 0.00	40.30 1.03 0.00	30.21 0.87 0.72	27.63 0.91 1.83	31.97 1.01 0.00	33.95 1.12 0.00	36.72 1.28 -0.04	35.41 1.29 0.00	34.05 1.21 0.00	36.83 1.43 0.00	41.25 1.49 0.00	43.32 1.48 0.00	49.49 1.67 0.00	49.75 1.47 0.00	52.69 1.20 0.00	42.48 1.05 0.00	41.93 1.18 0.00	36.90 1.06 0.00
SHOEMAKR_138KV_BK 111 55601	36.95 0.84 0.00	31.69 0.67 0.00	26.64 0.49 0.00	24.69 0.48 0.00	24.26 0.49 0.00	26.46 0.56 0.00	40.95 0.93 0.00	40.28 1.01 0.00	30.22 0.86 0.70	27.69 0.93 1.78	32.01 1.04 0.00	33.99 1.15 0.00	36.76 1.32 -0.03	35.44 1.32 0.00	34.06 1.22 0.00	36.85 1.45 0.00	41.27 1.52 0.00	43.32 1.48 0.00	49.45 1.63 0.00	49.72 1.44 0.00	52.65 1.16 0.00	42.45 1.03 0.00	41.91 1.16 0.00	36.89 1.04 0.00
SHOREHAM_IC_1 23715	37.62 1.50 0.00	32.08 1.06 0.00	31.18 0.72 -4.32	25.93 0.71 -1.01	27.65 0.81 -3.07	30.18 0.92 -3.37	42.33 1.62 -0.69	41.36 2.09 0.00	32.40 1.66 -0.68	33.12 1.74 -2.83	42.00 2.04 -9.01	35.49 2.00 -0.65	37.29 1.83 -0.05	40.64 1.73 -4.80	39.48 1.59 -5.05	42.24 2.08 -4.76	60.07 2.21 -18.10	57.93 2.18 -13.91	62.67 2.53 -12.31	61.53 2.39 -10.86	56.09 1.99 -2.61	47.91 1.80 -4.69	46.99 1.91 -4.34	41.64 1.62 -4.18
SHOREHAM_IC_2 23716	37.63 1.51 0.00	32.09 1.07 0.00	31.18 0.72 -4.32	25.94 0.72 -1.01	27.65 0.81 -3.07	30.18 0.92 -3.37	42.33 1.62 -0.69	41.36 2.09 0.00	32.40 1.66 -0.68	33.12 1.74 -2.83	42.00 2.03 -9.01	35.49 2.00 -0.65	37.30 1.84 -0.05	40.64 1.72 -4.80	39.49 1.60 -5.05	42.24 2.08 -4.76	60.07 2.21 -18.10	57.94 2.19 -13.91	62.67 2.53 -12.31	61.53 2.39 -10.86	56.09 1.99 -2.61	47.92 1.82 -4.69	46.99 1.90 -4.34	41.64 1.62 -4.18
SISSONVILLE___ 23735	36.65 0.53 0.00	31.43 0.41 0.00	26.54 0.40 0.00	24.50 0.29 0.00	24.00 0.23 0.00	26.27 0.38 0.00	40.82 0.80 0.00	40.03 0.76 0.00	30.42 0.36 0.00	28.75 0.20 0.00	31.06 0.10 0.00	32.84 0.00 0.00	35.23 -0.17 0.00	33.89 -0.23 0.00	35.48 0.02 -2.61	42.56 0.12 -7.03	44.69 0.58 -4.35	42.63 0.79 0.00	48.93 1.10 0.00	49.68 1.40 0.00	53.51 2.02 0.00	42.89 1.47 0.00	41.91 1.16 0.00	36.64 0.80 0.00
SITHE_IND_GS1 24169	35.02 -1.10 0.00	30.08 -0.94 0.00	25.37 -0.78 0.00	23.51 -0.71 0.00	23.09 -0.68 0.00	25.15 -0.75 0.00	38.77 -1.26 0.00	37.92 -1.35 0.00	29.07 -0.99 0.00	27.61 -0.93 0.00	29.97 -0.99 0.00	31.79 -1.05 0.00	34.29 -1.12 0.00	33.10 -1.02 0.00	31.88 -0.97 0.00	34.25 -1.15 0.00	38.47 -1.29 0.00	40.52 -1.32 0.00	46.25 -1.57 0.00	46.46 -1.54 0.28	49.28 -1.72 0.49	40.01 -1.41 0.00	39.38 -1.37 0.00	34.65 -1.19 0.00
SITHE_IND_GS2 24170	35.02 -1.10 0.00	30.08 -0.94 0.00	25.37 -0.78 0.00	23.51 -0.71 0.00	23.09 -0.68 0.00	25.15 -0.75 0.00	38.77 -1.26 0.00	37.92 -1.35 0.00	29.07 -0.99 0.00	27.61 -0.93 0.00	29.97 -0.99 0.00	31.79 -1.05 0.00	34.29 -1.12 0.00	33.10 -1.02 0.00	31.88 -0.97 0.00	34.25 -1.15 0.00	38.47 -1.29 0.00	40.52 -1.32 0.00	46.25 -1.57 0.00	46.46 -1.54 0.28	49.28 -1.72 0.49	40.01 -1.41 0.00	39.38 -1.37 0.00	34.65 -1.19 0.00
SITHE_IND_GS3 24171	35.02 -1.10 0.00	30.08 -0.94 0.00	25.37 -0.78 0.00	23.51 -0.71 0.00	23.09 -0.68 0.00	25.15 -0.75 0.00	38.77 -1.26 0.00	37.92 -1.35 0.00	29.07 -0.99 0.00	27.61 -0.93 0.00	29.97 -0.99 0.00	31.79 -1.05 0.00	34.29 -1.12 0.00	33.10 -1.02 0.00	31.88 -0.97 0.00	34.25 -1.15 0.00	38.47 -1.29 0.00	40.52 -1.32 0.00	46.25 -1.57 0.00	46.46 -1.54 0.28	49.28 -1.72 0.49	40.01 -1.41 0.00	39.38 -1.37 0.00	34.65 -1.19 0.00
SITHE_IND_GS4 24172	35.02 -1.10 0.00	30.08 -0.94 0.00	25.37 -0.78 0.00	23.51 -0.71 0.00	23.09 -0.68 0.00	25.15 -0.75 0.00	38.77 -1.26 0.00	37.92 -1.35 0.00	29.07 -0.99 0.00	27.61 -0.93 0.00	29.97 -0.99 0.00	31.79 -1.05 0.00	34.29 -1.12 0.00	33.10 -1.02 0.00	31.88 -0.97 0.00	34.25 -1.15 0.00	38.47 -1.29 0.00	40.52 -1.32 0.00	46.25 -1.57 0.00	46.46 -1.54 0.28	49.28 -1.72 0.49	40.01 -1.41 0.00	39.38 -1.37 0.00	34.65 -1.19 0.00

SITHE___BATAVIA 24024	36.27 0.15 0.00	31.19 0.17 0.00	26.26 0.11 0.00	24.21 0.00 0.00	23.75 -0.02 0.00	26.04 0.15 0.00	40.26 0.24 0.00	39.34 0.07 0.00	29.87 -0.19 0.00	28.47 -0.07 0.00	31.25 0.28 0.00	33.24 0.40 0.00	35.49 0.09 0.00	34.11 -0.01 0.00	32.72 -0.12 0.00	34.45 -0.95 0.00	38.75 -1.00 0.00	41.42 -0.42 0.00	47.10 -0.72 0.00	48.12 -0.17 0.00	51.66 0.16 0.00	41.05 -0.37 0.00	40.64 -0.11 0.00	35.47 -0.37 0.00
SITHE___INDEPEND 23800	35.02 -1.10 0.00	30.08 -0.94 0.00	25.37 -0.77 0.00	23.51 -0.70 0.00	23.09 -0.68 0.00	25.15 -0.75 0.00	38.77 -1.26 0.00	37.92 -1.35 0.00	29.07 -0.99 0.00	27.61 -0.93 0.00	29.97 -0.99 0.00	31.79 -1.05 0.00	34.29 -1.12 0.00	33.10 -1.02 0.00	31.88 -0.97 0.00	34.25 -1.15 0.00	38.47 -1.29 0.00	40.52 -1.32 0.00	46.25 -1.57 0.00	46.46 -1.54 0.28	49.28 -1.72 0.49	40.01 -1.41 0.00	39.38 -1.38 0.00	34.64 -1.20 0.00
SITHE___MASSENA 23902	36.58 0.47 0.00	31.42 0.40 0.00	26.47 0.33 0.00	24.46 0.25 0.00	23.96 0.19 0.00	26.17 0.27 0.00	40.57 0.54 0.00	39.81 0.55 0.00	30.33 0.27 0.00	28.72 0.18 0.00	31.16 0.19 0.00	33.01 0.17 0.00	35.45 0.05 0.00	34.09 -0.02 0.00	33.41 0.06 -0.51	36.80 0.04 -1.36	40.80 0.20 -0.84	42.21 0.37 0.00	48.30 0.48 0.00	48.95 0.67 0.00	52.63 1.14 0.00	42.26 0.84 0.00	41.42 0.66 0.00	36.30 0.46 0.00
SITHE___OGDNSBRG 24021	37.28 1.16 0.00	32.00 0.98 0.00	26.99 0.84 0.00	24.91 0.70 0.00	24.43 0.66 0.00	26.74 0.84 0.00	41.57 1.55 0.00	40.67 1.40 0.00	30.79 0.74 0.00	28.96 0.41 0.00	31.25 0.28 0.00	33.09 0.24 0.00	35.49 0.08 0.00	34.27 0.15 0.00	35.05 0.41 -1.79	41.01 0.77 -4.83	43.85 1.11 -2.99	43.17 1.33 0.00	49.49 1.67 0.00	50.23 1.95 0.00	54.10 2.61 0.00	43.37 1.95 0.00	42.40 1.65 0.00	37.05 1.21 0.00
SITHE___STERLING 23777	36.72 0.60 0.00	31.48 0.46 0.00	26.53 0.39 0.00	24.59 0.38 0.00	24.14 0.37 0.00	26.38 0.48 0.00	40.87 0.85 0.00	40.02 0.75 0.00	30.54 0.48 0.00	28.88 0.33 0.00	31.24 0.27 0.00	33.09 0.25 0.00	35.69 0.29 0.00	34.57 0.45 0.00	33.60 0.76 0.00	36.38 0.98 0.00	40.94 1.19 0.00	43.04 1.20 0.00	49.37 1.55 0.00	49.98 1.68 -0.01	53.20 1.69 -0.03	42.61 1.19 0.00	41.85 1.10 0.00	36.67 0.83 0.00
SLEIGHT__34_KV_TB1 80719	35.65 -0.47 0.00	30.61 -0.41 0.00	25.79 -0.36 0.00	23.88 -0.33 0.00	23.45 -0.32 0.00	25.65 -0.25 0.00	39.69 -0.33 0.00	38.85 -0.42 0.00	29.66 -0.39 0.00	28.16 -0.38 0.00	30.67 -0.29 0.00	32.54 -0.30 0.00	35.19 -0.22 0.00	33.93 -0.19 0.00	32.62 -0.23 0.00	34.77 -0.63 0.00	39.13 -0.62 0.00	41.40 -0.44 0.00	47.25 -0.57 0.00	47.86 -0.43 -0.01	51.04 -0.47 -0.02	40.82 -0.60 0.00	40.20 -0.55 0.00	35.19 -0.65 0.00
SMITHTWN_69_KV_BK 1 55830	38.22 2.10 0.00	32.59 1.57 0.00	31.70 1.14 -4.42	26.34 1.08 -1.05	28.13 1.16 -3.20	30.71 1.30 -3.50	42.99 2.25 -0.72	41.96 2.69 0.00	32.88 2.14 -0.68	33.61 2.22 -2.84	42.57 2.55 -9.06	36.15 2.63 -0.68	38.17 2.72 -0.05	41.63 2.58 -4.94	40.54 2.40 -5.30	43.19 2.79 -4.99	61.52 3.00 -18.77	59.29 2.93 -14.52	64.11 3.35 -12.93	62.92 3.23 -11.40	57.23 2.94 -2.80	48.90 2.57 -4.91	47.84 2.64 -4.45	42.42 2.29 -4.29
SOUTH CAIRO___GT 23612	37.61 1.50 0.00	32.32 1.30 0.00	27.29 1.15 0.00	25.33 1.12 0.00	24.90 1.13 0.00	27.16 1.27 0.00	41.86 1.83 0.00	41.40 2.13 0.00	31.50 1.44 0.00	29.51 0.96 0.00	31.80 0.84 0.00	33.64 0.81 0.00	36.28 0.87 0.00	34.90 0.78 0.00	33.68 0.84 0.00	36.90 1.51 0.00	41.19 1.44 0.00	43.50 1.66 0.00	50.42 2.59 0.00	50.88 2.59 0.00	53.91 2.42 0.00	43.30 1.87 0.00	42.40 1.65 0.00	37.29 1.45 0.00
SOUTH HAMPTN___IC 23720	38.19 2.08 0.00	32.58 1.56 0.00	31.57 1.13 -4.29	26.30 1.09 -1.00	28.00 1.20 -3.03	30.57 1.35 -3.32	43.02 2.32 -0.68	42.05 2.78 0.00	32.92 2.19 -0.68	33.66 2.29 -2.83	42.59 2.63 -8.99	36.13 2.65 -0.64	38.00 2.55 -0.05	41.31 2.44 -4.75	40.06 2.24 -4.97	42.87 2.78 -4.69	60.65 3.00 -17.90	58.56 2.99 -13.73	63.37 3.42 -12.13	62.24 3.26 -10.70	56.83 2.78 -2.55	48.42 2.38 -4.62	47.54 2.48 -4.30	42.01 2.03 -4.14
SOUTHDOW_115KV_TB1 355954	35.07 -1.05 0.00	30.06 -0.96 0.00	25.23 -0.92 0.00	23.40 -0.81 0.00	23.05 -0.72 0.00	25.24 -0.66 0.00	39.28 -0.74 0.00	38.65 -0.62 0.00	29.71 -0.35 0.00	28.57 0.03 0.00	31.51 0.55 0.00	33.68 0.84 0.00	36.19 0.79 0.00	34.60 0.49 0.00	33.28 0.43 0.00	35.19 -0.21 0.00	39.72 -0.03 0.00	42.22 0.38 0.00	47.59 -0.24 0.00	48.48 0.20 0.00	51.86 0.37 0.00	41.06 -0.36 0.00	40.83 0.07 0.00	35.35 -0.49 0.00
SOUTHOLD_69_KV_BK 2 55809	38.84 2.72 0.00	33.11 2.09 0.00	32.03 1.59 -4.29	26.73 1.52 -1.00	28.42 1.62 -3.03	31.07 1.85 -3.32	43.81 3.11 -0.68	42.83 3.56 0.00	33.52 2.78 -0.68	34.25 2.87 -2.83	43.25 3.29 -8.99	36.77 3.29 -0.64	38.70 3.24 -0.05	41.97 3.10 -4.75	40.68 2.86 -4.98	43.54 3.45 -4.69	61.43 3.76 -17.92	59.36 3.78 -13.74	64.24 4.28 -12.14	63.09 4.10 -10.70	57.53 3.49 -2.55	48.91 2.87 -4.62	48.03 2.97 -4.30	42.28 2.30 -4.14
SOUTHOLD___IC 23719	38.82 2.70 0.00	33.11 2.09 0.00	32.03 1.59 -4.29	26.72 1.52 -1.00	28.43 1.63 -3.03	31.07 1.85 -3.32	43.81 3.11 -0.68	42.83 3.56 0.00	33.52 2.78 -0.68	34.25 2.87 -2.83	43.25 3.29 -8.99	36.78 3.30 -0.64	38.68 3.22 -0.05	41.98 3.10 -4.75	40.67 2.85 -4.98	43.54 3.45 -4.69	61.43 3.76 -17.92	59.35 3.78 -13.74	64.24 4.28 -12.14	63.09 4.10 -10.70	57.54 3.49 -2.55	48.91 2.86 -4.62	48.04 2.98 -4.30	42.28 2.30 -4.14
SOUTH_FORK_WT_PWR 323839	38.94 2.83 0.00	33.22 2.20 0.00	32.12 1.69 -4.29	26.82 1.61 -1.00	28.52 1.72 -3.03	31.18 1.97 -3.32	43.98 3.27 -0.68	42.99 3.72 0.00	33.63 2.90 -0.68	34.36 2.98 -2.83	43.36 3.40 -8.99	36.88 3.40 -0.64	38.78 3.32 -0.05	42.07 3.20 -4.75	40.70 2.88 -4.98	43.58 3.49 -4.69	61.43 3.77 -17.91	59.32 3.75 -13.73	64.16 4.21 -12.13	63.02 4.03 -10.70	57.35 3.30 -2.55	48.73 2.68 -4.62	47.90 2.85 -4.30	42.07 2.10 -4.14
SPIERFLS_115KV_TB 1 80737	38.41 2.29 0.00	32.98 1.96 0.00	27.76 1.61 0.00	25.71 1.50 0.00	25.32 1.55 0.00	27.64 1.74 0.00	42.83 2.81 0.00	42.17 2.90 0.00	32.15 1.97 -0.12	30.46 1.60 -0.31	32.29 1.32 0.00	34.25 1.41 0.00	37.01 1.65 0.04	35.63 1.51 0.00	34.44 1.60 0.00	37.48 2.08 0.00	42.15 2.39 0.00	44.54 2.70 0.00	51.78 3.95 0.00	52.16 3.88 0.00	55.31 3.82 0.00	44.39 2.97 0.00	43.56 2.81 0.00	38.22 2.38 0.00
ST LAWRENCE____ 23600	36.16 0.04 0.00	31.05 0.03 0.00	26.15 0.01 0.00	24.16 -0.05 0.00	23.68 -0.09 0.00	25.83 -0.06 0.00	40.01 -0.01 0.00	39.29 0.02 0.00	29.99 -0.07 0.00	28.43 -0.11 0.00	30.86 -0.10 0.00	32.71 -0.13 0.00	35.15 -0.25 0.00	33.80 -0.31 0.00	32.57 -0.27 0.00	35.03 -0.37 0.00	39.44 -0.32 0.00	41.64 -0.20 0.00	47.64 -0.18 0.00	48.23 -0.06 0.00	51.81 0.31 0.00	41.63 0.20 0.00	40.83 0.08 0.00	35.82 -0.02 0.00

STATE_CA_115KV_115_LB 55624	36.42 0.30 0.00	31.36 0.34 0.00	26.49 0.34 0.00	24.62 0.41 0.00	24.25 0.48 0.00	26.39 0.49 0.00	40.62 0.59 0.00	39.91 0.64 0.00	30.77 0.58 -0.13	29.41 0.53 -0.33	31.47 0.51 0.00	33.33 0.49 0.00	35.98 0.62 0.04	34.70 0.58 0.00	33.46 0.61 0.00	36.25 0.85 0.00	40.55 0.80 0.00	42.60 0.76 0.00	48.85 1.02 0.00	49.13 0.85 0.00	52.06 0.56 0.00	41.96 0.54 0.00	41.22 0.47 0.00	36.33 0.49 0.00
STATE_ST_34_KV_LOAD 55959	36.04 -0.08 0.00	30.92 -0.10 0.00	26.06 -0.08 0.00	24.24 0.03 0.00	23.82 0.05 0.00	26.00 0.10 0.00	40.20 0.18 0.00	39.35 0.08 0.00	30.05 -0.01 0.00	28.48 -0.07 0.00	30.93 -0.03 0.00	32.76 -0.08 0.00	35.44 0.03 0.00	34.38 0.27 0.00	33.07 0.22 0.00	35.34 -0.06 0.00	39.65 -0.10 0.00	42.05 0.21 0.00	48.04 0.22 0.00	48.65 0.32 -0.04	51.67 0.10 -0.08	41.47 0.04 0.00	40.85 0.10 0.00	35.79 -0.06 0.00
STATION_5_MISC_HYD 23604	35.90 -0.22 0.00	30.85 -0.17 0.00	25.97 -0.17 0.00	24.02 -0.19 0.00	23.56 -0.21 0.00	25.78 -0.11 0.00	39.86 -0.17 0.00	39.01 -0.26 0.00	29.80 -0.26 0.00	28.42 -0.13 0.00	31.02 0.06 0.00	32.94 0.10 0.00	35.32 -0.08 0.00	34.01 -0.10 0.00	32.72 -0.12 0.00	34.78 -0.62 0.00	39.10 -0.65 0.00	41.46 -0.39 0.00	47.24 -0.58 0.00	47.99 -0.29 0.00	51.27 -0.22 0.00	40.91 -0.51 0.00	40.34 -0.41 0.00	35.28 -0.57 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.78 -0.34 0.00	30.72 -0.30 0.00	25.87 -0.28 0.00	23.95 -0.26 0.00	23.51 -0.26 0.00	25.71 -0.18 0.00	39.78 -0.25 0.00	38.95 -0.32 0.00	29.76 -0.30 0.00	28.31 -0.23 0.00	30.85 -0.11 0.00	32.73 -0.11 0.00	35.30 -0.11 0.00	34.04 -0.08 0.00	32.71 -0.13 0.00	34.89 -0.52 0.00	39.23 -0.52 0.00	41.49 -0.34 0.00	47.33 -0.49 0.00	48.05 -0.25 -0.01	51.27 -0.25 -0.02	40.97 -0.45 0.00	40.36 -0.39 0.00	35.32 -0.52 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.70 -0.42 0.00	30.66 -0.36 0.00	25.82 -0.32 0.00	23.88 -0.33 0.00	23.43 -0.33 0.00	25.63 -0.26 0.00	39.62 -0.40 0.00	38.80 -0.47 0.00	29.65 -0.41 0.00	28.27 -0.28 0.00	30.87 -0.10 0.00	32.76 -0.08 0.00	35.17 -0.23 0.00	33.87 -0.25 0.00	32.58 -0.26 0.00	34.64 -0.76 0.00	38.95 -0.80 0.00	41.26 -0.58 0.00	47.03 -0.79 0.00	47.75 -0.54 0.00	51.01 -0.49 0.00	40.72 -0.70 0.00	40.13 -0.63 0.00	35.09 -0.75 0.00
STA_56___34_KV_BUS2 355983	35.70 -0.42 0.00	30.66 -0.36 0.00	25.82 -0.32 0.00	23.88 -0.33 0.00	23.43 -0.33 0.00	25.63 -0.26 0.00	39.62 -0.40 0.00	38.80 -0.47 0.00	29.65 -0.41 0.00	28.27 -0.28 0.00	30.87 -0.10 0.00	32.76 -0.08 0.00	35.17 -0.23 0.00	33.87 -0.25 0.00	32.58 -0.26 0.00	34.64 -0.76 0.00	38.95 -0.80 0.00	41.26 -0.58 0.00	47.03 -0.79 0.00	47.75 -0.54 0.00	51.01 -0.49 0.00	40.72 -0.70 0.00	40.13 -0.63 0.00	35.09 -0.75 0.00
STA_67___115KV_BK2 355882	35.82 -0.30 0.00	30.78 -0.24 0.00	25.92 -0.22 0.00	23.97 -0.24 0.00	23.51 -0.25 0.00	25.72 -0.18 0.00	39.75 -0.27 0.00	38.91 -0.36 0.00	29.73 -0.33 0.00	28.33 -0.21 0.00	30.93 -0.03 0.00	32.85 0.01 0.00	35.25 -0.16 0.00	33.94 -0.18 0.00	32.65 -0.20 0.00	34.70 -0.71 0.00	39.00 -0.75 0.00	41.33 -0.51 0.00	47.12 -0.70 0.00	47.85 -0.44 0.00	51.13 -0.36 0.00	40.82 -0.60 0.00	40.25 -0.50 0.00	35.19 -0.64 0.00
STA_7___115KV_9TRANS 80674	36.09 -0.03 0.00	31.00 -0.02 0.00	26.09 -0.05 0.00	24.12 -0.09 0.00	23.67 -0.10 0.00	25.90 0.01 0.00	40.05 0.03 0.00	39.20 -0.07 0.00	29.95 -0.11 0.00	28.58 0.03 0.00	31.22 0.26 0.00	33.15 0.31 0.00	35.56 0.16 0.00	34.25 0.13 0.00	32.94 0.10 0.00	34.98 -0.42 0.00	39.33 -0.43 0.00	41.70 -0.14 0.00	47.53 -0.30 0.00	48.26 -0.02 0.00	51.57 0.08 0.00	41.14 -0.28 0.00	40.55 -0.20 0.00	35.43 -0.41 0.00
STA_82___115KV_TB1 80780	35.83 -0.29 0.00	30.79 -0.23 0.00	25.92 -0.22 0.00	23.97 -0.24 0.00	23.52 -0.25 0.00	25.73 -0.17 0.00	39.77 -0.26 0.00	38.93 -0.34 0.00	29.73 -0.33 0.00	28.34 -0.20 0.00	30.94 -0.03 0.00	32.85 0.02 0.00	35.25 -0.15 0.00	33.95 -0.17 0.00	32.65 -0.19 0.00	34.70 -0.70 0.00	39.01 -0.74 0.00	41.35 -0.49 0.00	47.14 -0.69 0.00	47.86 -0.42 0.00	51.16 -0.33 0.00	40.83 -0.59 0.00	40.27 -0.48 0.00	35.21 -0.63 0.00
STEEL___WIND 323596	35.05 -1.07 0.00	30.17 -0.85 0.00	25.39 -0.75 0.00	23.43 -0.78 0.00	22.95 -0.82 0.00	25.22 -0.68 0.00	38.87 -1.16 0.00	37.95 -1.32 0.00	28.95 -1.11 0.00	27.66 -0.88 0.00	30.26 -0.70 0.00	32.11 -0.73 0.00	34.36 -1.05 0.00	32.99 -1.13 0.00	31.72 -1.12 0.00	33.57 -1.83 0.00	37.82 -1.93 0.00	40.28 -1.56 0.00	45.80 -2.02 0.00	46.81 -1.47 0.00	50.25 -1.24 0.00	39.87 -1.55 0.00	39.64 -1.11 0.00	34.53 -1.31 0.00
STEPHTWN_115KV_BK_2 55603	36.56 0.44 0.00	31.43 0.41 0.00	26.54 0.39 0.00	24.67 0.46 0.00	24.32 0.55 0.00	26.51 0.61 0.00	40.88 0.85 0.00	40.06 0.80 0.00	30.92 0.73 -0.13	29.47 0.59 -0.33	31.61 0.65 0.00	33.48 0.64 0.00	36.14 0.78 0.04	34.88 0.76 0.00	33.56 0.72 0.00	36.45 1.05 0.00	40.78 1.03 0.00	42.79 0.95 0.00	49.19 1.37 0.00	49.46 1.17 0.00	52.30 0.81 0.00	42.13 0.71 0.00	41.47 0.72 0.00	36.51 0.67 0.00
STEUBEN_REC_LFGE 323667	34.25 -1.87 0.00	29.32 -1.70 0.00	24.66 -1.48 0.00	22.97 -1.24 0.00	22.61 -1.16 0.00	24.88 -1.02 0.00	38.46 -1.56 0.00	37.51 -1.75 0.00	28.48 -1.58 0.00	27.11 -1.44 0.00	29.59 -1.38 0.00	31.05 -1.79 0.00	33.97 -1.43 0.00	32.61 -1.51 0.00	31.19 -1.65 0.00	33.27 -2.13 0.00	38.15 -1.61 0.00	40.98 -0.86 0.00	47.01 -0.81 0.00	48.48 0.18 -0.02	51.87 0.35 -0.03	41.31 -0.12 0.00	40.89 0.14 0.00	35.52 -0.32 0.00
STILLWATER___SOLAR 323814	37.91 1.79 0.00	32.57 1.55 0.00	27.44 1.30 0.00	25.41 1.20 0.00	24.99 1.22 0.00	27.24 1.35 0.00	42.15 2.12 0.00	41.41 2.14 0.00	31.66 1.47 -0.13	30.08 1.22 -0.32	32.07 1.11 0.00	34.01 1.17 0.00	36.74 1.38 0.05	35.40 1.28 0.00	34.16 1.32 0.00	37.08 1.68 0.00	41.64 1.89 0.00	43.99 2.15 0.00	50.76 2.94 0.00	51.10 2.82 0.00	54.18 2.69 0.00	43.58 2.15 0.00	42.83 2.07 0.00	37.65 1.80 0.00
STONY___BROOK 24151	38.11 2.00 0.00	32.50 1.49 0.00	31.60 1.07 -4.38	26.27 1.02 -1.04	28.04 1.11 -3.16	30.60 1.25 -3.46	42.89 2.16 -0.71	41.88 2.61 0.00	32.81 2.07 -0.68	33.53 2.15 -2.84	42.48 2.47 -9.04	36.05 2.54 -0.67	38.03 2.58 -0.05	41.46 2.46 -4.89	40.31 2.26 -5.21	42.96 2.65 -4.91	61.09 2.82 -18.52	58.85 2.72 -14.29	63.64 3.12 -12.70	62.53 3.04 -11.20	56.96 2.74 -2.73	48.65 2.40 -4.82	47.65 2.50 -4.41	42.26 2.17 -4.25
STURGEON_POOL_HYD 23609	37.26 1.14 0.00	31.95 0.93 0.00	26.86 0.71 0.00	24.88 0.67 0.00	24.45 0.68 0.00	26.65 0.75 0.00	41.29 1.27 0.00	40.66 1.39 0.00	31.12 1.16 0.10	29.44 1.22 0.32	32.30 1.34 0.00	34.30 1.47 0.00	37.16 1.73 -0.02	35.85 1.74 0.00	34.43 1.58 0.00	37.19 1.79 0.00	41.72 1.97 0.00	43.70 1.86 0.00	49.86 2.03 0.00	50.07 1.79 0.00	52.97 1.48 0.00	42.74 1.32 0.00	42.20 1.45 0.00	37.18 1.34 0.00

ST_LAW_115_BK7_LBMP 345037	36.18 0.06 0.00	31.08 0.05 0.00	26.18 0.03 0.00	24.18 -0.03 0.00	23.70 -0.07 0.00	25.85 -0.05 0.00	40.06 0.04 0.00	39.33 0.06 0.00	30.00 -0.06 0.00	28.43 -0.11 0.00	30.86 -0.10 0.00	32.71 -0.13 0.00	35.14 -0.27 0.00	33.78 -0.34 0.00	32.57 -0.28 0.00	35.03 -0.37 0.00	39.44 -0.32 0.00	41.65 -0.19 0.00	47.65 -0.17 0.00	48.27 -0.02 0.00	51.87 0.37 0.00	41.68 0.25 0.00	40.87 0.12 0.00	35.84 0.00 0.00
ST_LAW_115_BK8_LBMP 345038	36.18 0.06 0.00	31.08 0.05 0.00	26.18 0.03 0.00	24.18 -0.03 0.00	23.70 -0.07 0.00	25.85 -0.05 0.00	40.06 0.04 0.00	39.33 0.06 0.00	30.00 -0.06 0.00	28.43 -0.11 0.00	30.86 -0.10 0.00	32.71 -0.13 0.00	35.14 -0.27 0.00	33.78 -0.34 0.00	32.57 -0.28 0.00	35.03 -0.37 0.00	39.44 -0.32 0.00	41.65 -0.19 0.00	47.65 -0.17 0.00	48.27 -0.02 0.00	51.87 0.37 0.00	41.68 0.25 0.00	40.87 0.12 0.00	35.84 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	36.16 0.04 0.00	31.05 0.03 0.00	26.15 0.01 0.00	24.16 -0.05 0.00	23.68 -0.09 0.00	25.83 -0.06 0.00	40.01 -0.01 0.00	39.29 0.02 0.00	29.99 -0.07 0.00	28.43 -0.11 0.00	30.86 -0.10 0.00	32.71 -0.13 0.00	35.15 -0.25 0.00	33.80 -0.31 0.00	32.57 -0.27 0.00	35.03 -0.37 0.00	39.44 -0.32 0.00	41.64 -0.20 0.00	47.64 -0.18 0.00	48.23 -0.06 0.00	51.81 0.31 0.00	41.63 0.20 0.00	40.83 0.08 0.00	35.82 -0.02 0.00
ST_LAW_230_BK6_LBMP 345036	36.16 0.04 0.00	31.05 0.03 0.00	26.15 0.01 0.00	24.16 -0.05 0.00	23.68 -0.09 0.00	25.83 -0.06 0.00	40.01 -0.01 0.00	39.29 0.02 0.00	29.99 -0.07 0.00	28.43 -0.11 0.00	30.86 -0.10 0.00	32.71 -0.13 0.00	35.15 -0.25 0.00	33.80 -0.31 0.00	32.57 -0.27 0.00	35.03 -0.37 0.00	39.44 -0.32 0.00	41.64 -0.20 0.00	47.64 -0.18 0.00	48.23 -0.06 0.00	51.81 0.31 0.00	41.63 0.20 0.00	40.83 0.08 0.00	35.82 -0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.10 0.99 0.00	31.80 0.78 0.00	26.71 0.57 0.00	24.76 0.55 0.00	24.34 0.57 0.00	26.55 0.65 0.00	41.11 1.09 0.00	40.46 1.19 0.00	30.30 1.02 0.78	27.69 1.14 1.99	32.26 1.30 0.00	34.28 1.44 0.00	37.08 1.64 -0.04	35.73 1.61 0.00	34.31 1.47 0.00	37.15 1.75 0.00	41.59 1.83 0.00	43.57 1.74 0.00	49.72 1.90 0.00	49.93 1.64 0.00	52.83 1.33 0.00	42.62 1.20 0.00	42.10 1.35 0.00	37.06 1.22 0.00
SWANROAD_115KV_TB1 355699	34.69 -1.43 0.00	29.92 -1.10 0.00	25.19 -0.95 0.00	23.21 -1.00 0.00	22.73 -1.04 0.00	24.91 -0.99 0.00	38.34 -1.69 0.00	37.23 -2.03 0.00	28.33 -1.72 0.00	27.08 -1.47 0.00	29.59 -1.38 0.00	31.35 -1.49 0.00	33.44 -1.97 0.00	32.13 -1.99 0.00	30.94 -1.91 0.00	32.54 -2.86 0.00	36.61 -3.14 0.00	39.06 -2.79 0.00	44.41 -3.42 0.00	45.37 -2.91 0.00	48.78 -2.71 0.00	38.80 -2.62 0.00	38.63 -2.12 0.00	33.81 -2.03 0.00
SYNERGY___BIOGAS 323694	36.27 0.15 0.00	31.19 0.17 0.00	26.26 0.11 0.00	24.22 0.01 0.00	23.75 -0.02 0.00	26.04 0.14 0.00	40.26 0.24 0.00	39.34 0.07 0.00	29.87 -0.19 0.00	28.47 -0.07 0.00	31.26 0.29 0.00	33.26 0.42 0.00	35.53 0.12 0.00	34.15 0.03 0.00	32.75 -0.09 0.00	34.46 -0.95 0.00	38.76 -1.00 0.00	41.40 -0.44 0.00	47.10 -0.72 0.00	48.11 -0.17 0.00	51.66 0.17 0.00	41.07 -0.36 0.00	40.65 -0.10 0.00	35.47 -0.37 0.00
SYRACUSE___ENERGY_ST1 323597	35.85 -0.27 0.00	30.77 -0.26 0.00	25.94 -0.20 0.00	24.06 -0.15 0.00	23.63 -0.14 0.00	25.77 -0.12 0.00	39.81 -0.21 0.00	38.97 -0.30 0.00	29.83 -0.22 0.00	28.31 -0.24 0.00	30.72 -0.24 0.00	32.60 -0.24 0.00	35.23 -0.18 0.00	34.08 -0.04 0.00	32.80 -0.05 0.00	35.22 -0.18 0.00	39.53 -0.23 0.00	41.68 -0.16 0.00	47.57 -0.26 0.00	48.15 -0.19 -0.05	51.25 -0.33 -0.09	41.08 -0.35 0.00	40.44 -0.32 0.00	35.50 -0.34 0.00
SYRACUSE___ENERGY_ST2 323598	35.85 -0.27 0.00	30.77 -0.26 0.00	25.94 -0.20 0.00	24.06 -0.15 0.00	23.63 -0.14 0.00	25.77 -0.12 0.00	39.81 -0.21 0.00	38.97 -0.30 0.00	29.83 -0.22 0.00	28.31 -0.24 0.00	30.72 -0.24 0.00	32.60 -0.24 0.00	35.23 -0.18 0.00	34.08 -0.04 0.00	32.80 -0.05 0.00	35.22 -0.18 0.00	39.53 -0.23 0.00	41.68 -0.16 0.00	47.57 -0.26 0.00	48.15 -0.19 -0.05	51.25 -0.33 -0.09	41.08 -0.35 0.00	40.44 -0.32 0.00	35.50 -0.34 0.00
SYRACUSE___POWER 24017	35.85 -0.27 0.00	30.77 -0.26 0.00	25.94 -0.21 0.00	24.04 -0.17 0.00	23.61 -0.16 0.00	25.76 -0.14 0.00	39.79 -0.23 0.00	38.97 -0.30 0.00	29.83 -0.23 0.00	28.32 -0.22 0.00	30.72 -0.24 0.00	32.60 -0.23 0.00	35.23 -0.18 0.00	34.06 -0.06 0.00	32.83 -0.02 0.00	35.26 -0.14 0.00	39.56 -0.19 0.00	41.68 -0.16 0.00	47.59 -0.23 0.00	48.16 -0.16 -0.03	51.26 -0.29 -0.06	41.08 -0.34 0.00	40.46 -0.30 0.00	35.52 -0.32 0.00
TALLMAN__138KV_BK151 55660	37.30 1.18 0.00	31.94 0.92 0.00	26.80 0.66 0.00	24.85 0.63 0.00	24.42 0.65 0.00	26.66 0.77 0.00	41.32 1.30 0.00	40.70 1.43 0.00	30.34 1.24 0.95	27.56 1.40 2.39	32.58 1.61 0.00	34.63 1.79 0.00	37.47 2.03 -0.04	36.11 1.99 0.00	34.66 1.82 0.00	37.54 2.14 0.00	41.99 2.24 0.00	43.93 2.09 0.00	50.06 2.24 0.00	50.22 1.94 0.00	53.09 1.59 0.00	42.85 1.43 0.00	42.39 1.63 0.00	37.31 1.47 0.00
TEALLAVE_115KV_TB7 355573	35.68 -0.44 0.00	30.63 -0.39 0.00	25.81 -0.33 0.00	23.93 -0.28 0.00	23.50 -0.27 0.00	25.63 -0.27 0.00	39.59 -0.43 0.00	38.76 -0.51 0.00	29.69 -0.37 0.00	28.20 -0.35 0.00	30.60 -0.36 0.00	32.48 -0.36 0.00	35.08 -0.32 0.00	33.91 -0.21 0.00	32.66 -0.18 0.00	35.07 -0.33 0.00	39.33 -0.42 0.00	41.43 -0.41 0.00	47.29 -0.54 0.00	47.84 -0.47 -0.03	50.93 -0.61 -0.05	40.83 -0.59 0.00	40.22 -0.53 0.00	35.32 -0.52 0.00
TELGRAPH_34_KV_EAST 80808	35.48 -0.64 0.00	30.55 -0.47 0.00	25.72 -0.43 0.00	23.71 -0.50 0.00	23.23 -0.53 0.00	25.48 -0.42 0.00	39.30 -0.73 0.00	38.31 -0.96 0.00	29.14 -0.92 0.00	27.85 -0.69 0.00	30.49 -0.48 0.00	32.33 -0.51 0.00	34.52 -0.89 0.00	33.18 -0.94 0.00	31.87 -0.97 0.00	33.57 -1.83 0.00	37.74 -2.01 0.00	40.26 -1.58 0.00	45.81 -2.01 0.00	46.80 -1.48 0.00	50.29 -1.21 0.00	39.98 -1.44 0.00	39.69 -1.06 0.00	34.66 -1.18 0.00
TEMPLE___115KV_TB 2 55572	35.70 -0.42 0.00	30.64 -0.39 0.00	25.83 -0.31 0.00	23.94 -0.27 0.00	23.51 -0.26 0.00	25.65 -0.25 0.00	39.60 -0.42 0.00	38.77 -0.50 0.00	29.70 -0.35 0.00	28.22 -0.33 0.00	30.62 -0.34 0.00	32.52 -0.32 0.00	35.12 -0.29 0.00	33.94 -0.18 0.00	32.69 -0.15 0.00	35.08 -0.32 0.00	39.36 -0.39 0.00	41.45 -0.39 0.00	47.31 -0.51 0.00	47.85 -0.46 -0.03	50.95 -0.60 -0.05	40.84 -0.58 0.00	40.23 -0.52 0.00	35.34 -0.50 0.00
TIANA____69_KV_BK 1 55817	38.07 1.96 0.00	32.46 1.44 0.00	31.47 1.03 -4.29	26.22 1.01 -1.00	27.90 1.10 -3.03	30.47 1.25 -3.32	42.85 2.15 -0.68	41.88 2.61 0.00	32.80 2.06 -0.68	33.53 2.16 -2.83	42.45 2.49 -8.99	35.98 2.50 -0.64	37.86 2.41 -0.05	41.15 2.28 -4.75	39.95 2.12 -4.98	42.72 2.63 -4.69	60.50 2.83 -17.91	58.42 2.84 -13.73	63.22 3.26 -12.14	62.09 3.10 -10.70	56.72 2.67 -2.55	48.36 2.31 -4.62	47.45 2.39 -4.30	41.97 2.00 -4.14

TILDEN___115KV_TB1 80814	35.85 -0.27 0.00	30.77 -0.26 0.00	25.94 -0.21 0.00	24.04 -0.17 0.00	23.61 -0.16 0.00	25.76 -0.14 0.00	39.79 -0.23 0.00	38.97 -0.30 0.00	29.83 -0.23 0.00	28.32 -0.22 0.00	30.72 -0.24 0.00	32.60 -0.23 0.00	35.23 -0.18 0.00	34.06 -0.06 0.00	32.83 -0.02 0.00	35.26 -0.14 0.00	39.56 -0.19 0.00	41.68 -0.16 0.00	47.59 -0.23 0.00	48.16 -0.16 -0.03	51.26 -0.29 -0.06	41.08 -0.34 0.00	40.46 -0.30 0.00	35.52 -0.32 0.00
TRIGEN___CC 323695	38.09 1.96 -0.02	32.51 1.49 0.00	51.38 1.09 -24.15	33.21 1.03 -7.97	49.11 1.10 -24.24	53.60 1.21 -26.49	47.48 2.06 -5.40	41.64 2.36 0.00	32.66 1.93 -0.68	34.68 2.03 -4.10	50.58 2.29 -17.32	40.43 2.45 -5.14	38.13 2.66 -0.07	71.76 2.58 -35.06	97.72 2.38 -62.49	97.12 2.68 -59.05	210.83 2.87 -168.22	197.00 2.70 -152.46	203.60 3.03 -152.75	185.75 2.75 -134.72	100.91 2.47 -46.95	98.25 2.21 -54.63	64.84 2.35 -21.74	61.48 2.06 -23.58
TRINITY__115KV__4 BK 55933	36.23 0.11 0.00	31.21 0.19 0.00	26.38 0.24 0.00	24.53 0.32 0.00	24.17 0.40 0.00	26.30 0.40 0.00	40.45 0.43 0.00	39.74 0.48 0.00	30.66 0.47 -0.13	29.31 0.43 -0.33	31.35 0.39 0.00	33.19 0.36 0.00	35.82 0.46 0.04	34.53 0.42 0.00	33.29 0.44 0.00	36.06 0.66 0.00	40.31 0.56 0.00	42.33 0.49 0.00	48.57 0.74 0.00	48.85 0.56 0.00	51.78 0.29 0.00	41.75 0.32 0.00	41.04 0.29 0.00	36.17 0.33 0.00
UNION___PROCESSING_DRP 323587	35.83 -0.28 0.00	30.79 -0.23 0.00	25.93 -0.21 0.00	23.97 -0.23 0.00	23.52 -0.24 0.00	25.74 -0.16 0.00	39.78 -0.25 0.00	38.94 -0.33 0.00	29.74 -0.32 0.00	28.35 -0.19 0.00	30.95 -0.01 0.00	32.87 0.03 0.00	35.26 -0.14 0.00	33.95 -0.17 0.00	32.66 -0.18 0.00	34.71 -0.69 0.00	39.02 -0.74 0.00	41.36 -0.48 0.00	47.14 -0.68 0.00	47.88 -0.40 0.00	51.17 -0.32 0.00	40.84 -0.58 0.00	40.28 -0.48 0.00	35.22 -0.62 0.00
UPPER HUDSON___HYD 24058	38.41 2.29 0.00	32.98 1.96 0.00	27.76 1.61 0.00	25.71 1.51 0.00	25.32 1.55 0.00	27.64 1.74 0.00	42.83 2.81 0.00	42.17 2.90 0.00	32.15 1.97 -0.12	30.46 1.60 -0.31	32.28 1.32 0.00	34.25 1.41 0.00	37.00 1.64 0.04	35.63 1.51 0.00	34.44 1.60 0.00	37.48 2.08 0.00	42.15 2.40 0.00	44.54 2.70 0.00	51.78 3.95 0.00	52.16 3.88 0.00	55.31 3.82 0.00	44.39 2.97 0.00	43.56 2.81 0.00	38.22 2.38 0.00
UPPER RAQUET___HYD 24056	36.65 0.53 0.00	31.43 0.41 0.00	26.54 0.40 0.00	24.50 0.29 0.00	24.00 0.23 0.00	26.27 0.38 0.00	40.82 0.80 0.00	40.03 0.76 0.00	30.42 0.36 0.00	28.75 0.21 0.00	31.06 0.10 0.00	32.84 0.00 0.00	35.23 -0.17 0.00	33.89 -0.23 0.00	35.48 0.02 -2.61	42.56 0.12 -7.03	44.69 0.58 -4.35	42.63 0.78 0.00	48.93 1.10 0.00	49.68 1.40 0.00	53.51 2.02 0.00	42.89 1.47 0.00	41.91 1.16 0.00	36.64 0.80 0.00
VALLEY44_115KV_TB2 355964	34.92 -1.20 0.00	30.04 -0.98 0.00	25.25 -0.89 0.00	23.45 -0.76 0.00	23.06 -0.71 0.00	25.28 -0.62 0.00	39.12 -0.91 0.00	38.21 -1.06 0.00	29.24 -0.82 0.00	28.02 -0.53 0.00	30.74 -0.22 0.00	32.57 -0.26 0.00	34.99 -0.42 0.00	33.40 -0.72 0.00	31.95 -0.90 0.00	33.78 -1.62 0.00	38.14 -1.61 0.00	40.46 -1.38 0.00	46.12 -1.70 0.00	47.03 -1.25 0.00	50.36 -1.13 0.00	40.03 -1.39 0.00	39.79 -0.96 0.00	34.59 -1.25 0.00
VALLEY___115KV_TB 1-4 80826	36.87 0.75 0.00	31.64 0.62 0.00	26.70 0.56 0.00	24.76 0.55 0.00	24.34 0.57 0.00	26.53 0.63 0.00	40.90 0.88 0.00	40.05 0.78 0.00	30.37 0.32 0.00	28.71 0.17 0.00	30.99 0.03 0.00	32.95 0.11 0.00	35.55 0.14 0.00	34.24 0.12 0.00	33.06 0.22 0.00	35.89 0.49 0.00	40.46 0.71 0.00	42.88 1.04 0.00	49.24 1.42 0.00	49.67 1.39 0.00	52.76 1.26 0.00	42.37 0.95 0.00	41.79 1.04 0.00	36.73 0.88 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.00 0.88 0.00	31.77 0.75 0.00	26.80 0.66 0.00	24.84 0.63 0.00	24.40 0.63 0.00	26.59 0.70 0.00	41.17 1.15 0.00	40.71 1.44 0.00	31.29 1.23 0.00	29.83 1.28 0.00	32.08 1.12 0.00	33.89 1.05 0.00	36.57 1.16 0.00	35.31 1.19 0.00	33.93 1.09 0.00	36.67 1.27 0.00	41.15 1.40 0.00	43.30 1.46 0.00	49.50 1.67 0.00	49.99 1.70 -0.01	53.10 1.59 -0.02	42.67 1.25 0.00	42.03 1.28 0.00	36.94 1.10 0.00
VISCHER___FERRY HYD 24020	37.41 1.30 0.00	32.15 1.13 0.00	27.10 0.96 0.00	25.09 0.88 0.00	24.65 0.88 0.00	26.85 0.95 0.00	41.42 1.40 0.00	40.74 1.47 0.00	31.28 1.09 -0.14	29.83 0.93 -0.35	31.84 0.88 0.00	33.77 0.93 0.00	36.42 1.08 0.06	35.11 0.99 0.00	33.84 0.99 0.00	36.69 1.29 0.00	41.05 1.30 0.00	43.19 1.35 0.00	49.72 1.89 0.00	50.00 1.72 0.00	53.01 1.52 0.00	42.74 1.32 0.00	42.01 1.26 0.00	37.00 1.16 0.00
V_A_10_SYNC_DSASP 323832	35.03 -1.08 0.00	30.20 -0.82 0.00	25.42 -0.72 0.00	23.48 -0.73 0.00	23.00 -0.76 0.00	25.20 -0.70 0.00	38.83 -1.20 0.00	37.91 -1.35 0.00	28.94 -1.12 0.00	27.63 -0.92 0.00	30.15 -0.81 0.00	31.97 -0.87 0.00	34.18 -1.23 0.00	32.84 -1.27 0.00	31.59 -1.25 0.00	33.37 -2.03 0.00	37.56 -2.19 0.00	39.91 -1.93 0.00	45.45 -2.37 0.00	46.36 -1.92 0.00	49.72 -1.78 0.00	39.58 -1.84 0.00	39.30 -1.45 0.00	34.32 -1.53 0.00
V_CMM_10_SYNC_DSASP 323787	36.36 0.25 0.00	31.23 0.21 0.00	26.31 0.16 0.00	24.30 0.09 0.00	23.81 0.04 0.00	25.98 0.09 0.00	40.27 0.24 0.00	39.54 0.27 0.00	30.15 0.09 0.00	28.57 0.03 0.00	31.01 0.04 0.00	32.88 0.04 0.00	35.31 -0.10 0.00	33.95 -0.17 0.00	32.73 -0.11 0.00	35.21 -0.19 0.00	39.65 -0.10 0.00	41.87 0.03 0.00	47.90 0.07 0.00	48.53 0.24 0.00	52.14 0.65 0.00	41.89 0.46 0.00	41.08 0.32 0.00	36.02 0.18 0.00
V_CMP_10_SYNC_DSASP 323788	36.83 0.71 0.00	31.18 0.16 0.00	26.15 0.01 0.00	23.91 -0.30 0.00	23.23 -0.54 0.00	25.25 -0.65 0.00	39.12 -0.91 0.00	38.92 -0.35 0.00	29.95 -0.10 0.00	28.41 -0.13 0.00	30.97 0.00 0.00	32.64 -0.20 0.00	34.95 -0.46 0.00	32.92 -1.20 0.00	13.62 -1.21 18.02	-14.37 -1.25 48.52	8.52 -1.19 30.04	41.36 -0.48 0.00	48.73 0.91 0.00	49.35 1.07 0.00	52.89 1.40 0.00	42.51 1.08 0.00	41.62 0.87 0.00	36.29 0.44 0.00
V_D_10_SYNC_DSASP 323841	36.58 0.46 0.00	31.42 0.40 0.00	26.47 0.32 0.00	24.45 0.24 0.00	23.96 0.19 0.00	26.16 0.26 0.00	40.55 0.52 0.00	39.81 0.54 0.00	30.32 0.26 0.00	28.72 0.17 0.00	31.15 0.19 0.00	33.01 0.17 0.00	35.45 0.05 0.00	34.09 -0.02 0.00	33.38 0.06 -0.48	36.70 0.03 -1.28	40.74 0.19 -0.79	42.19 0.35 0.00	48.28 0.46 0.00	48.94 0.66 0.00	52.61 1.12 0.00	42.24 0.82 0.00	41.40 0.65 0.00	36.29 0.45 0.00
V_E_10_SYNC_DSASP 323830	36.87 0.75 0.00	31.48 0.46 0.00	26.56 0.41 0.00	24.67 0.46 0.00	24.19 0.42 0.00	26.43 0.54 0.00	41.01 0.98 0.00	40.26 0.99 0.00	30.82 0.76 0.00	29.30 0.76 0.00	31.49 0.53 0.00	32.98 0.14 0.00	35.43 0.03 0.00	34.53 0.41 0.00	33.30 0.46 0.00	36.57 1.17 0.00	41.24 1.49 0.00	43.57 1.72 0.00	50.29 2.47 0.00	51.85 3.54 -0.02	55.19 3.66 -0.04	44.14 2.72 0.00	43.53 2.78 0.00	38.00 2.16 0.00

V_F_30_NSYNC___DSASP 323816	37.94 1.82 0.00	32.58 1.56 0.00	27.46 1.31 0.00	25.43 1.22 0.00	25.00 1.23 0.00	27.26 1.37 0.00	42.17 2.15 0.00	41.44 2.17 0.00	31.68 1.50 -0.12	30.14 1.27 -0.32	32.14 1.17 0.00	34.10 1.26 0.00	36.82 1.46 0.05	35.48 1.36 0.00	34.23 1.39 0.00	37.14 1.74 0.00	41.72 1.96 0.00	44.05 2.21 0.00	50.81 2.98 0.00	51.16 2.87 0.00	54.24 2.75 0.00	43.62 2.20 0.00	42.86 2.11 0.00	37.68 1.83 0.00
V_F_30_SYNC_DSASP 323786	36.42 0.30 0.00	31.36 0.33 0.00	26.48 0.34 0.00	24.62 0.41 0.00	24.25 0.48 0.00	26.39 0.49 0.00	40.61 0.58 0.00	39.90 0.63 0.00	30.77 0.58 -0.13	29.41 0.53 -0.33	31.47 0.50 0.00	33.33 0.49 0.00	35.97 0.61 0.04	34.70 0.58 0.00	33.46 0.61 0.00	36.24 0.84 0.00	40.55 0.80 0.00	42.60 0.76 0.00	48.83 1.01 0.00	49.12 0.84 0.00	52.05 0.56 0.00	41.94 0.52 0.00	41.22 0.47 0.00	36.33 0.49 0.00
V_XM_10_SYNC_DSASP 323789	36.83 0.71 0.00	31.18 0.16 0.00	26.15 0.01 0.00	23.91 -0.30 0.00	23.23 -0.54 0.00	25.25 -0.65 0.00	39.12 -0.91 0.00	38.92 -0.35 0.00	29.95 -0.10 0.00	28.41 -0.13 0.00	30.97 0.00 0.00	32.64 -0.20 0.00	34.95 -0.46 0.00	32.92 -1.20 0.00	13.62 -1.21 18.02	-14.37 -1.25 48.52	8.52 -1.19 30.04	41.36 -0.48 0.00	48.73 0.91 0.00	49.35 1.07 0.00	52.89 1.40 0.00	42.51 1.08 0.00	41.62 0.87 0.00	36.29 0.44 0.00
W.BABYLN_69_KV_BK1 56697	38.49 2.37 0.00	32.81 1.79 0.00	34.21 1.32 -6.75	27.60 1.23 -2.16	31.66 1.32 -6.57	34.57 1.48 -7.19	43.98 2.49 -1.47	42.18 2.91 0.00	33.05 2.31 -0.68	33.96 2.40 -3.02	43.83 2.70 -10.17	37.04 2.81 -1.39	38.42 2.96 -0.05	44.82 2.80 -7.90	45.69 2.58 -10.27	47.99 2.92 -9.67	74.76 3.16 -31.85	71.46 3.12 -26.50	76.40 3.56 -25.02	73.74 3.39 -22.07	61.20 3.13 -6.58	53.94 2.76 -9.76	50.84 2.92 -7.16	45.72 2.55 -7.33
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.57 1.45 0.00	32.17 1.15 0.00	26.99 0.85 0.00	25.02 0.81 0.00	24.59 0.82 0.00	26.85 0.95 0.00	41.64 1.62 0.00	41.04 1.77 0.00	30.55 1.49 0.99	27.70 1.63 2.48	32.83 1.87 0.00	34.91 2.07 0.00	37.77 2.32 -0.04	36.40 2.29 0.00	34.96 2.12 0.00	37.86 2.45 0.00	42.37 2.62 0.00	44.33 2.49 0.00	50.41 2.59 0.00	50.59 2.31 0.00	53.46 1.96 0.00	43.14 1.72 0.00	42.65 1.90 0.00	37.52 1.68 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.78 1.67 0.00	32.34 1.33 0.00	27.07 0.93 0.00	25.06 0.85 0.00	24.63 0.87 0.00	26.91 1.01 0.00	41.78 1.75 0.00	41.25 1.98 0.00	32.45 1.71 -0.68	32.16 1.91 -1.70	33.11 2.14 0.00	35.19 2.36 0.00	38.06 2.61 -0.05	36.68 2.56 0.00	35.20 2.35 0.00	38.10 2.70 0.00	42.58 2.83 0.00	44.43 2.59 0.00	50.63 2.81 0.00	50.81 2.53 0.00	53.62 2.13 0.00	43.31 1.89 0.00	42.86 2.11 0.00	37.72 1.88 0.00
W50THST__13_KV_LOAD 356117	37.97 1.85 0.00	32.48 1.47 0.00	27.19 1.05 0.00	25.17 0.96 0.00	24.74 0.98 0.00	27.03 1.14 0.00	42.01 1.99 0.00	41.52 2.25 0.00	32.68 1.94 -0.68	32.40 2.15 -1.70	33.38 2.42 0.00	35.47 2.64 0.00	38.32 2.87 -0.05	36.97 2.85 0.00	35.50 2.66 0.00	38.42 3.02 0.00	42.93 3.18 0.00	44.76 2.92 0.00	50.98 3.15 0.00	51.12 2.84 0.00	53.93 2.44 0.00	43.54 2.12 0.00	43.10 2.34 0.00	37.92 2.07 0.00
WADING RIVER_IC_1 23522	37.58 1.46 0.00	32.04 1.03 0.00	31.12 0.69 -4.28	25.88 0.68 -0.99	27.57 0.79 -3.02	30.09 0.89 -3.31	42.28 1.58 -0.67	41.31 2.04 0.00	32.36 1.62 -0.68	33.09 1.72 -2.83	41.96 2.00 -8.99	35.46 1.98 -0.64	37.25 1.79 -0.05	40.55 1.69 -4.74	39.35 1.55 -4.95	42.13 2.06 -4.67	59.79 2.19 -17.85	57.66 2.15 -13.68	62.39 2.49 -12.08	61.28 2.34 -10.66	55.96 1.93 -2.54	47.78 1.76 -4.60	46.91 1.87 -4.30	41.55 1.58 -4.13
WADING RIVER_IC_2 23547	37.58 1.46 0.00	32.04 1.03 0.00	31.12 0.69 -4.28	25.88 0.68 -0.99	27.57 0.79 -3.02	30.09 0.89 -3.31	42.28 1.58 -0.67	41.31 2.04 0.00	32.36 1.62 -0.68	33.09 1.72 -2.83	41.96 2.00 -8.99	35.46 1.98 -0.64	37.25 1.79 -0.05	40.55 1.69 -4.74	39.35 1.55 -4.95	42.13 2.06 -4.67	59.79 2.19 -17.85	57.66 2.15 -13.68	62.39 2.49 -12.08	61.28 2.34 -10.66	55.96 1.93 -2.54	47.78 1.76 -4.60	46.91 1.87 -4.30	41.55 1.58 -4.13
WADING RIVER_IC_3 23601	37.58 1.46 0.00	32.04 1.03 0.00	31.12 0.69 -4.28	25.88 0.68 -0.99	27.57 0.79 -3.02	30.09 0.89 -3.31	42.28 1.58 -0.67	41.31 2.04 0.00	32.36 1.62 -0.68	33.09 1.72 -2.83	41.96 2.00 -8.99	35.46 1.98 -0.64	37.25 1.79 -0.05	40.55 1.69 -4.74	39.35 1.55 -4.95	42.13 2.06 -4.67	59.79 2.19 -17.85	57.66 2.15 -13.68	62.39 2.49 -12.08	61.28 2.34 -10.66	55.96 1.93 -2.54	47.78 1.76 -4.60	46.91 1.87 -4.30	41.55 1.58 -4.13
WALDENNY_12_KV_BK2 80841	35.17 -0.95 0.00	30.28 -0.74 0.00	25.47 -0.67 0.00	23.51 -0.70 0.00	23.04 -0.73 0.00	25.28 -0.62 0.00	38.98 -1.04 0.00	38.05 -1.22 0.00	29.02 -1.03 0.00	27.76 -0.79 0.00	30.36 -0.60 0.00	32.21 -0.63 0.00	34.46 -0.94 0.00	33.09 -1.03 0.00	31.81 -1.03 0.00	33.60 -1.80 0.00	37.86 -1.89 0.00	40.31 -1.53 0.00	45.86 -1.97 0.00	46.84 -1.44 0.00	50.28 -1.21 0.00	39.93 -1.50 0.00	39.70 -1.05 0.00	34.57 -1.27 0.00
WALDEN___HYDRO 24148	37.30 1.18 0.00	31.97 0.95 0.00	26.85 0.71 0.00	24.87 0.66 0.00	24.44 0.67 0.00	26.67 0.77 0.00	41.33 1.30 0.00	40.66 1.39 0.00	30.89 1.16 0.32	28.54 1.20 1.20	32.31 1.34 0.00	34.37 1.53 0.00	37.17 1.73 -0.03	35.84 1.72 0.00	34.44 1.59 0.00	37.30 1.90 0.00	41.75 2.00 0.00	43.80 1.96 0.00	49.99 2.16 0.00	50.22 1.94 0.00	53.12 1.63 0.00	42.85 1.43 0.00	42.31 1.56 0.00	37.23 1.39 0.00
WARRENSBURG____ 23737	38.41 2.29 0.00	32.98 1.96 0.00	27.76 1.61 0.00	25.71 1.50 0.00	25.32 1.55 0.00	27.64 1.74 0.00	42.83 2.81 0.00	42.17 2.90 0.00	32.15 1.97 -0.12	30.46 1.60 -0.31	32.29 1.32 0.00	34.25 1.41 0.00	37.01 1.65 0.04	35.63 1.51 0.00	34.44 1.60 0.00	37.48 2.08 0.00	42.15 2.39 0.00	44.54 2.70 0.00	51.78 3.95 0.00	52.16 3.88 0.00	55.31 3.82 0.00	44.39 2.97 0.00	43.56 2.81 0.00	38.22 2.38 0.00
WATERSIDE___6 8 9 23538	37.74 1.63 0.00	32.31 1.29 0.00	27.09 0.94 0.00	25.06 0.85 0.00	24.64 0.88 0.00	26.93 1.03 0.00	41.75 1.73 0.00	41.29 2.02 0.00	32.49 1.75 -0.68	32.18 1.93 -1.70	33.12 2.16 0.00	35.25 2.42 0.00	38.18 2.73 -0.05	36.76 2.64 0.00	35.26 2.41 0.00	38.12 2.72 0.00	42.54 2.79 0.00	44.34 2.50 0.00	50.54 2.71 0.00	50.78 2.50 0.00	53.59 2.10 0.00	43.36 1.94 0.00	42.87 2.12 0.00	37.70 1.86 0.00
WATKINRD_115KV_LN8_ILLION 55919	36.61 0.49 0.00	31.43 0.41 0.00	26.51 0.37 0.00	24.57 0.36 0.00	24.15 0.38 0.00	26.32 0.42 0.00	40.60 0.57 0.00	39.80 0.53 0.00	30.28 0.22 0.00	28.66 0.11 0.00	30.96 0.00 0.00	32.90 0.06 0.00	35.50 0.09 0.00	34.21 0.09 0.00	33.00 0.15 0.00	35.76 0.35 0.00	40.27 0.52 0.00	42.58 0.74 0.00	48.84 1.01 0.00	49.27 0.98 0.00	52.33 0.84 0.00	42.07 0.65 0.00	41.45 0.69 0.00	36.44 0.60 0.00

WDELAWARE___HYD 323627	36.68 0.56 0.00	31.43 0.41 0.00	26.41 0.27 0.00	24.47 0.26 0.00	24.05 0.28 0.00	26.24 0.34 0.00	40.68 0.66 0.00	40.03 0.76 0.00	30.44 0.64 0.26	28.42 0.66 0.79	31.66 0.70 0.00	33.63 0.79 0.00	36.27 0.83 -0.03	34.30 0.18 0.00	32.96 0.12 0.00	35.60 0.20 0.00	39.94 0.18 0.00	42.07 0.23 0.00	48.01 0.19 0.00	48.25 -0.03 0.00	51.21 -0.28 0.00	42.28 0.85 0.00	41.67 0.92 0.00	36.65 0.81 0.00
WEST BABYLON___IC 23714	38.49 2.37 0.00	32.81 1.79 0.00	34.21 1.32 -6.75	27.60 1.23 -2.16	31.66 1.32 -6.57	34.57 1.48 -7.19	43.98 2.49 -1.47	42.18 2.91 0.00	33.05 2.31 -0.68	33.96 2.40 -3.02	43.83 2.70 -10.17	37.04 2.81 -1.39	38.42 2.96 -0.05	44.82 2.80 -7.90	45.69 2.58 -10.27	47.99 2.92 -9.67	74.76 3.16 -31.85	71.46 3.12 -26.50	76.40 3.56 -25.02	73.74 3.39 -22.07	61.20 3.13 -6.58	53.94 2.76 -9.76	50.84 2.92 -7.16	45.72 2.55 -7.33
WEST CANADA___HYD 24049	36.15 0.04 0.00	31.05 0.03 0.00	26.17 0.02 0.00	24.25 0.04 0.00	23.82 0.05 0.00	25.94 0.05 0.00	40.07 0.04 0.00	39.32 0.05 0.00	30.11 0.05 0.00	28.58 0.04 0.00	30.98 0.02 0.00	32.86 0.02 0.00	35.44 0.04 0.00	34.17 0.05 0.00	32.91 0.07 0.00	35.55 0.15 0.00	39.93 0.18 0.00	41.98 0.13 0.00	48.04 0.22 0.00	48.47 0.19 0.00	51.60 0.11 0.00	41.52 0.09 0.00	40.85 0.10 0.00	35.95 0.10 0.00
WESTERN_NY_WIND 24143	36.22 0.10 0.00	31.15 0.14 0.00	26.22 0.08 0.00	24.18 -0.02 0.00	23.71 -0.05 0.00	26.00 0.11 0.00	40.20 0.17 0.00	39.27 0.00 0.00	29.82 -0.24 0.00	28.43 -0.11 0.00	31.21 0.25 0.00	33.19 0.35 0.00	35.46 0.05 0.00	34.08 -0.04 0.00	32.69 -0.15 0.00	34.38 -1.02 0.00	38.68 -1.08 0.00	41.32 -0.52 0.00	47.01 -0.82 0.00	48.04 -0.25 0.00	51.57 0.08 0.00	41.00 -0.42 0.00	40.59 -0.16 0.00	35.42 -0.43 0.00
WESTOVER___LESR 323668	35.89 -0.23 0.00	30.79 -0.23 0.00	25.93 -0.21 0.00	24.08 -0.13 0.00	23.65 -0.12 0.00	25.81 -0.08 0.00	39.91 -0.11 0.00	39.14 -0.13 0.00	30.00 -0.06 0.00	28.56 0.02 0.00	31.01 0.05 0.00	32.85 0.01 0.00	35.49 0.09 0.00	34.20 0.08 0.00	32.88 0.03 0.00	35.28 -0.12 0.00	39.70 -0.05 0.00	41.86 0.02 0.00	47.74 -0.08 0.00	48.47 0.17 -0.02	51.60 0.07 -0.04	41.30 -0.12 0.00	40.81 0.06 0.00	35.74 -0.10 0.00
WETHRSFD_WT_PWR 323626	34.55 -1.57 0.00	29.72 -1.30 0.00	24.96 -1.19 0.00	23.10 -1.11 0.00	22.67 -1.10 0.00	24.92 -0.98 0.00	38.40 -1.63 0.00	37.45 -1.82 0.00	28.40 -1.66 0.00	27.10 -1.45 0.00	29.80 -1.17 0.00	31.59 -1.25 0.00	34.02 -1.39 0.00	32.63 -1.48 0.00	31.32 -1.52 0.00	33.32 -2.08 0.00	37.76 -1.99 0.00	40.35 -1.49 0.00	45.96 -1.87 0.00	47.09 -1.20 -0.01	50.49 -1.02 -0.01	40.14 -1.28 0.00	39.85 -0.89 0.00	34.69 -1.16 0.00
WHAVSTOR_138KV_BK127 55557	37.30 1.18 0.00	31.95 0.93 0.00	26.81 0.67 0.00	24.85 0.64 0.00	24.42 0.65 0.00	26.66 0.76 0.00	41.32 1.30 0.00	40.71 1.44 0.00	30.28 1.24 1.02	27.40 1.39 2.54	32.55 1.59 0.00	34.59 1.76 0.00	37.43 1.98 -0.04	36.06 1.95 0.00	34.62 1.78 0.00	37.49 2.09 0.00	41.94 2.19 0.00	43.86 2.02 0.00	50.02 2.20 0.00	50.21 1.93 0.00	53.07 1.58 0.00	42.84 1.41 0.00	42.37 1.62 0.00	37.29 1.45 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.30 1.18 0.00	31.95 0.93 0.00	26.81 0.67 0.00	24.85 0.64 0.00	24.42 0.65 0.00	26.66 0.76 0.00	41.32 1.30 0.00	40.71 1.44 0.00	30.28 1.24 1.02	27.40 1.39 2.54	32.55 1.59 0.00	34.59 1.76 0.00	37.43 1.98 -0.04	36.06 1.95 0.00	34.62 1.78 0.00	37.49 2.09 0.00	41.94 2.19 0.00	43.86 2.02 0.00	50.02 2.20 0.00	50.21 1.93 0.00	53.07 1.58 0.00	42.84 1.41 0.00	42.37 1.62 0.00	37.29 1.45 0.00
WHITEHAL_115KV_TB1 80871	39.13 3.01 0.00	33.55 2.53 0.00	28.18 2.03 0.00	26.13 1.92 0.00	25.82 2.05 0.00	28.24 2.35 0.00	43.83 3.81 0.00	43.34 4.08 0.00	32.91 2.73 -0.12	30.85 1.99 -0.32	32.70 1.74 0.00	34.56 1.72 0.00	37.41 2.05 0.05	35.91 1.79 0.00	35.03 2.19 0.00	38.27 2.87 0.00	43.04 3.29 0.00	45.29 3.45 0.00	52.97 5.15 0.00	53.42 5.14 0.00	56.46 4.97 0.00	45.18 3.76 0.00	44.34 3.59 0.00	38.88 3.03 0.00
WHITEPLN_13_KV_LOAD 356215	37.87 1.75 0.00	32.42 1.41 0.00	27.19 1.05 0.00	25.18 0.97 0.00	24.74 0.97 0.00	27.01 1.12 0.00	41.93 1.90 0.00	41.40 2.13 0.00	32.56 1.80 -0.70	32.23 1.93 -1.76	33.13 2.17 0.00	35.20 2.36 0.00	38.09 2.64 -0.05	36.70 2.58 0.00	35.25 2.41 0.00	38.18 2.78 0.00	42.71 2.96 0.00	44.67 2.82 0.00	50.95 3.13 0.00	51.14 2.85 0.00	54.02 2.53 0.00	43.58 2.15 0.00	43.06 2.31 0.00	37.87 2.03 0.00
WM_FLOYD_69_KV_BK2 356380	37.93 1.82 0.00	32.34 1.32 0.00	31.41 0.93 -4.33	26.14 0.91 -1.02	27.86 1.00 -3.09	30.41 1.13 -3.38	42.68 1.97 -0.69	41.69 2.42 0.00	32.63 1.90 -0.68	33.35 1.97 -2.83	42.26 2.28 -9.01	35.76 2.27 -0.65	37.65 2.19 -0.05	41.00 2.07 -4.81	39.84 1.93 -5.07	42.52 2.34 -4.78	60.43 2.51 -18.17	58.34 2.53 -13.97	63.12 2.92 -12.37	61.99 2.79 -10.91	56.56 2.44 -2.63	48.32 2.19 -4.71	47.37 2.27 -4.35	41.99 1.96 -4.19
WOODARD___115KV_TB2 355635	35.63 -0.49 0.00	30.58 -0.44 0.00	25.79 -0.36 0.00	23.89 -0.32 0.00	23.47 -0.30 0.00	25.60 -0.30 0.00	39.53 -0.50 0.00	38.69 -0.58 0.00	29.64 -0.42 0.00	28.16 -0.39 0.00	30.55 -0.42 0.00	32.42 -0.42 0.00	35.01 -0.40 0.00	33.84 -0.28 0.00	32.59 -0.25 0.00	35.00 -0.40 0.00	39.28 -0.47 0.00	41.38 -0.46 0.00	47.23 -0.60 0.00	47.77 -0.56 -0.04	50.87 -0.69 -0.07	40.78 -0.64 0.00	40.15 -0.60 0.00	35.28 -0.56 0.00
WOODMERE_69_KV_BK1 55827	38.60 2.43 -0.05	32.93 1.91 0.00	74.09 1.42 -46.52	41.03 1.32 -15.50	72.30 1.38 -47.16	78.95 1.54 -51.52	53.12 2.60 -10.50	42.17 2.90 0.00	33.06 2.33 -0.68	35.40 2.43 -4.42	51.45 2.72 -17.76	45.78 2.94 -10.00	38.69 3.20 -0.09	110.09 3.10 -72.87	176.80 2.93 -141.02	171.91 3.16 -133.34	410.55 3.45 -367.34	384.87 3.23 -339.80	396.51 3.76 -344.92	355.96 3.46 -304.21	163.99 3.22 -109.27	165.46 2.76 -121.27	82.33 2.99 -38.59	82.07 2.61 -43.62
YORK___WARBASSE 23770	37.79 1.67 0.00	32.35 1.33 0.00	27.11 0.97 0.00	25.09 0.88 0.00	24.66 0.89 0.00	26.96 1.06 0.00	41.76 1.74 0.00	41.29 2.02 0.00	32.48 1.74 -0.68	32.16 1.92 -1.70	33.12 2.16 0.00	35.24 2.40 0.00	38.13 2.68 -0.05	36.73 2.62 0.00	35.27 2.42 0.00	38.14 2.74 0.00	42.56 2.80 0.00	44.28 2.44 0.00	50.44 2.62 0.00	50.69 2.40 0.00	53.50 2.01 0.00	43.32 1.90 0.00	42.93 2.18 0.00	37.79 1.94 0.00