



ALBANY__2 23572	36.87 0.55 0.00	33.99 0.47 0.00	31.32 0.53 0.00	27.53 0.50 0.00	25.85 0.52 0.00	28.93 0.53 0.00	32.14 0.53 0.00	32.22 0.42 0.00	29.54 0.39 0.00	27.24 0.33 0.00	30.11 0.37 0.00	30.02 0.37 0.00	31.93 0.36 0.00	34.13 0.39 0.00	34.08 0.44 0.00	33.45 0.50 0.00	38.50 0.63 0.00	37.89 0.56 0.00	42.14 0.51 0.00	40.41 0.45 0.00	44.01 0.48 0.00
ALBANY__3 23573	36.87 0.55 0.00	33.99 0.47 0.00	31.32 0.53 0.00	27.53 0.50 0.00	25.85 0.52 0.00	28.93 0.53 0.00	32.14 0.53 0.00	32.22 0.42 0.00	29.54 0.39 0.00	27.24 0.33 0.00	30.11 0.37 0.00	30.02 0.37 0.00	31.93 0.36 0.00	34.13 0.39 0.00	34.08 0.44 0.00	33.45 0.50 0.00	38.50 0.63 0.00	37.89 0.56 0.00	42.14 0.51 0.00	40.41 0.45 0.00	44.01 0.48 0.00
ALBANY__4 23574	36.87 0.55 0.00	33.99 0.47 0.00	31.32 0.53 0.00	27.53 0.50 0.00	25.85 0.52 0.00	28.93 0.53 0.00	32.14 0.53 0.00	32.22 0.42 0.00	29.54 0.39 0.00	27.24 0.33 0.00	30.11 0.37 0.00	30.02 0.37 0.00	31.93 0.36 0.00	34.13 0.39 0.00	34.08 0.44 0.00	33.45 0.50 0.00	38.50 0.63 0.00	37.89 0.56 0.00	42.14 0.51 0.00	40.41 0.45 0.00	44.01 0.48 0.00
ALBANY__LFGE 323615	37.20 0.88 0.00	34.28 0.76 0.00	31.58 0.80 0.00	27.76 0.73 0.00	26.07 0.74 0.00	29.17 0.77 0.00	32.42 0.82 0.00	32.50 0.70 0.00	29.79 0.64 0.00	27.48 0.57 0.00	30.37 0.63 0.00	30.28 0.63 0.00	32.18 0.62 0.00	34.42 0.68 0.00	34.35 0.71 0.00	33.72 0.77 0.00	38.82 0.95 0.00	38.24 0.91 0.00	42.56 0.93 0.00	40.82 0.86 0.00	44.45 0.92 0.00
ALCOA_PA_115KV_PL-6C 55860	36.12 -0.20 0.00	33.38 -0.15 0.00	30.65 -0.14 0.00	26.84 -0.19 0.00	25.13 -0.20 0.00	28.32 -0.08 0.00	31.60 0.00 0.00	31.83 0.03 0.00	29.24 0.09 0.00	27.01 0.10 0.00	29.85 0.10 0.00	29.71 0.06 0.00	31.52 -0.05 0.00	33.65 -0.09 0.00	33.49 -0.15 0.00	32.78 -0.17 0.00	37.80 -0.08 0.00	37.31 -0.02 0.00	41.65 0.02 0.00	39.96 -0.01 0.00	43.57 0.04 0.00
ALCOA_RYNLDS__DRP 24188	36.12 -0.20 0.00	33.38 -0.14 0.00	30.65 -0.14 0.00	26.84 -0.19 0.00	25.13 -0.20 0.00	28.32 -0.08 0.00	31.60 0.00 0.00	31.83 0.03 0.00	29.24 0.09 0.00	27.01 0.10 0.00	29.85 0.10 0.00	29.71 0.06 0.00	31.52 -0.05 0.00	33.65 -0.09 0.00	33.49 -0.15 0.00	32.78 -0.17 0.00	37.80 -0.08 0.00	37.31 -0.02 0.00	41.65 0.02 0.00	39.96 -0.01 0.00	43.57 0.04 0.00
ALCOA__DSASP 323711	36.12 -0.20 0.00	33.38 -0.14 0.00	30.65 -0.14 0.00	26.84 -0.19 0.00	25.13 -0.20 0.00	28.32 -0.08 0.00	31.60 0.00 0.00	31.83 0.03 0.00	29.24 0.09 0.00	27.01 0.10 0.00	29.85 0.10 0.00	29.71 0.06 0.00	31.52 -0.05 0.00	33.65 -0.09 0.00	33.49 -0.15 0.00	32.78 -0.17 0.00	37.80 -0.08 0.00	37.31 -0.02 0.00	41.65 0.02 0.00	39.96 -0.01 0.00	43.57 0.04 0.00
ALLEGHENY__COGEN 23514	69.80 -1.29 -34.77	63.71 -1.11 -31.30	43.43 -1.24 -13.88	35.40 -1.08 -9.44	24.26 -1.09 -0.02	27.98 -1.32 -0.89	35.21 -1.37 -4.98	58.76 -1.10 -28.06	27.84 -1.32 -0.01	53.53 -1.32 -27.94	60.63 -1.61 -32.49	64.56 -1.47 -36.38	68.51 -1.47 -38.42	68.78 -1.52 -36.56	71.33 -1.69 -39.38	71.07 -1.64 -39.75	74.67 -1.91 -38.72	76.71 -1.68 -41.05	86.33 -1.57 -46.26	57.88 -0.79 -18.71	42.73 -0.80 0.00
ALTMONT_115KV_TB 2 55880	37.16 0.84 0.00	34.28 0.76 0.00	31.54 0.75 0.00	27.73 0.70 0.00	26.01 0.68 0.00	29.12 0.72 0.00	32.35 0.75 0.00	32.46 0.66 0.00	29.73 0.58 0.00	27.42 0.51 0.00	30.31 0.57 0.00	30.23 0.58 0.00	32.16 0.60 0.00	34.39 0.65 0.00	34.33 0.69 0.00	33.71 0.75 0.00	38.79 0.91 0.00	38.20 0.87 0.00	42.55 0.91 0.00	40.81 0.85 0.00	44.49 0.96 0.00
ALTONA_WT_PWR 323606	35.89 -0.43 0.00	32.98 -0.54 0.00	30.38 -0.41 0.00	26.58 -0.45 0.00	24.90 -0.43 0.00	28.01 -0.39 0.00	31.20 -0.41 0.00	31.45 -0.36 0.00	29.01 -0.14 0.00	26.83 -0.08 0.00	29.70 -0.04 0.00	29.54 -0.11 0.00	31.37 -0.19 0.00	33.48 -0.26 0.00	33.35 -0.28 0.00	32.70 -0.26 0.00	37.77 -0.10 0.00	37.30 -0.03 0.00	41.56 -0.07 0.00	39.75 -0.21 0.00	43.36 -0.17 0.00
AMERICAN_REF_FUEL 24010	24.42 -3.17 8.73	23.07 -2.59 7.86	24.51 -2.79 3.49	22.09 -2.57 2.37	22.67 -2.66 0.00	24.99 -3.18 0.22	26.98 -3.37 1.25	22.07 -2.69 7.04	26.43 -2.71 0.00	17.82 -2.07 7.02	19.29 -2.29 8.16	18.22 -2.29 9.14	19.57 -2.34 9.65	22.15 -2.40 9.18	20.86 -2.89 9.89	20.07 -2.90 9.99	24.70 -3.44 9.73	23.56 -3.46 10.31	26.04 -3.95 11.64	31.08 -4.19 4.69	38.20 -5.33 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	22.92 -2.63 10.77	21.74 -2.09 9.69	24.27 -2.22 4.30	22.16 -1.94 2.92	23.40 -1.93 0.00	25.93 -2.19 0.28	27.78 -2.28 1.54	21.34 -1.77 8.69	27.42 -1.73 0.00	16.79 -1.46 8.66	17.82 -1.89 10.04	16.32 -2.14 11.20	17.53 -2.20 11.83	20.16 -2.32 11.26	19.19 -2.33 12.13	18.15 -2.56 12.24	23.53 -2.41 11.92	22.43 -2.26 12.64	24.69 -2.60 14.34	31.88 -2.30 5.78	40.63 -2.90 0.00
ARTHUR_KILL_GT_1 23520	38.78 2.46 0.00	35.64 2.12 0.00	32.70 1.91 0.00	28.69 1.66 0.00	26.83 1.49 0.00	29.94 1.54 0.00	33.29 1.69 0.00	33.51 1.70 0.00	30.90 1.75 0.00	28.62 1.71 0.00	31.70 1.96 0.00	31.66 2.01 0.00	33.79 2.22 0.00	36.23 2.49 0.00	36.43 2.79 0.00	36.02 3.06 0.00	41.48 3.61 0.00	40.87 3.54 0.00	45.43 3.80 0.00	43.44 3.48 0.00	47.10 3.58 0.00
ARTHUR_KILL_2 23512	38.65 2.33 0.00	35.51 1.99 0.00	32.59 1.80 0.00	28.61 1.58 0.00	26.75 1.42 0.00	29.85 1.45 0.00	33.20 1.60 0.00	33.40 1.60 0.00	30.82 1.67 0.00	28.54 1.64 0.00	31.63 1.89 0.00	31.58 1.93 0.00	33.70 2.14 0.00	36.12 2.39 0.00	36.34 2.70 0.00	35.91 2.96 0.00	41.35 3.47 0.00	40.74 3.40 0.00	45.27 3.64 0.00	43.28 3.33 0.00	46.93 3.41 0.00
ARTHUR_KILL_3 23513	38.58 2.26 0.00	35.45 1.93 0.00	32.57 1.78 0.00	28.60 1.57 0.00	26.71 1.38 0.00	29.84 1.44 0.00	33.20 1.60 0.00	33.41 1.61 0.00	30.82 1.67 0.00	28.55 1.65 0.00	31.66 1.92 0.00	31.62 1.97 0.00	33.76 2.20 0.00	36.17 2.43 0.00	36.36 2.73 0.00	35.91 2.96 0.00	41.33 3.46 0.00	40.73 3.40 0.00	45.27 3.64 0.00	43.21 3.25 0.00	46.84 3.31 0.00

ARTHUR_KILL_COGEN 323718	38.77 2.45 0.00	35.63 2.11 0.00	32.69 1.90 0.00	28.69 1.66 0.00	26.83 1.49 0.00	29.93 1.53 0.00	33.29 1.69 0.00	33.49 1.69 0.00	30.90 1.75 0.00	28.62 1.71 0.00	31.70 1.96 0.00	31.65 2.00 0.00	33.78 2.22 0.00	36.21 2.48 0.00	36.42 2.78 0.00	36.00 3.05 0.00	41.47 3.60 0.00	40.86 3.53 0.00	45.43 3.80 0.00	43.44 3.48 0.00	47.10 3.58 0.00
ASHOKAN____ 23654	38.33 2.02 0.00	35.23 1.71 0.00	32.34 1.55 0.00	28.36 1.34 0.00	26.56 1.23 0.00	29.67 1.27 0.00	33.00 1.40 0.00	33.19 1.39 0.00	30.51 1.36 0.00	28.10 1.19 0.00	31.13 1.38 0.00	31.13 1.48 0.00	33.17 1.60 0.00	35.65 1.92 0.00	35.86 2.22 0.00	35.41 2.46 0.00	40.80 2.93 0.00	40.10 2.77 0.00	44.71 3.07 0.00	42.93 2.97 0.00	46.66 3.13 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.64 2.33 0.00	35.51 1.98 0.00	32.66 1.87 0.00	28.67 1.64 0.00	26.78 1.45 0.00	29.90 1.50 0.00	33.23 1.64 0.00	33.44 1.63 0.00	30.93 1.79 0.00	28.65 1.74 0.00	31.75 2.01 0.00	31.72 2.07 0.00	33.79 2.23 0.00	36.25 2.51 0.00	36.44 2.80 0.00	35.99 3.03 0.00	41.38 3.51 0.00	40.81 3.48 0.00	45.30 3.67 0.00	43.25 3.29 0.00	46.97 3.45 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.64 2.33 0.00	35.51 1.98 0.00	32.66 1.87 0.00	28.67 1.64 0.00	26.78 1.45 0.00	29.90 1.50 0.00	33.23 1.64 0.00	33.44 1.63 0.00	30.93 1.79 0.00	28.65 1.74 0.00	31.75 2.01 0.00	31.72 2.07 0.00	33.79 2.23 0.00	36.25 2.51 0.00	36.44 2.80 0.00	35.99 3.03 0.00	41.38 3.51 0.00	40.81 3.48 0.00	45.30 3.67 0.00	43.25 3.29 0.00	46.97 3.45 0.00
ASTORIA_GT2_1 24094	38.67 2.35 0.00	35.55 2.02 0.00	32.69 1.90 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.74 2.09 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.41 3.54 0.00	40.84 3.51 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00
ASTORIA_GT2_2 24095	38.67 2.35 0.00	35.55 2.02 0.00	32.69 1.90 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.74 2.09 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.41 3.54 0.00	40.84 3.51 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00
ASTORIA_GT2_3 24096	38.67 2.35 0.00	35.55 2.02 0.00	32.69 1.90 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.74 2.09 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.41 3.54 0.00	40.84 3.51 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00
ASTORIA_GT2_4 24097	38.67 2.35 0.00	35.55 2.02 0.00	32.69 1.90 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.74 2.09 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.41 3.54 0.00	40.84 3.51 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00
ASTORIA_GT3_1 24098	38.67 2.35 0.00	35.55 2.02 0.00	32.69 1.90 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.74 2.09 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.41 3.54 0.00	40.84 3.51 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00
ASTORIA_GT3_2 24099	38.67 2.35 0.00	35.55 2.02 0.00	32.69 1.90 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.74 2.09 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.41 3.54 0.00	40.84 3.51 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00
ASTORIA_GT3_3 24100	38.67 2.35 0.00	35.55 2.02 0.00	32.69 1.90 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.74 2.09 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.41 3.54 0.00	40.84 3.51 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00
ASTORIA_GT3_4 24101	38.67 2.35 0.00	35.55 2.02 0.00	32.69 1.90 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.74 2.09 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.41 3.54 0.00	40.84 3.51 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00
ASTORIA_GT4_1 24102	38.67 2.35 0.00	35.55 2.02 0.00	32.69 1.90 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.74 2.09 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.41 3.54 0.00	40.84 3.51 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00
ASTORIA_GT4_2 24103	38.67 2.35 0.00	35.55 2.02 0.00	32.69 1.90 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.74 2.09 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.41 3.54 0.00	40.84 3.51 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00
ASTORIA_GT4_3 24104	38.67 2.35 0.00	35.55 2.02 0.00	32.69 1.90 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.74 2.09 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.41 3.54 0.00	40.84 3.51 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00

ASTORIA_GT4_4 24105	38.67 2.35 0.00	35.55 2.02 0.00	32.69 1.90 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.74 2.09 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.41 3.54 0.00	40.84 3.51 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00
ASTORIA_GT_1 23523	38.74 2.42 0.00	35.61 2.08 0.00	32.74 1.95 0.00	28.72 1.69 0.00	26.83 1.49 0.00	29.96 1.56 0.00	33.30 1.70 0.00	33.51 1.71 0.00	30.99 1.84 0.00	28.71 1.80 0.00	31.82 2.08 0.00	31.80 2.15 0.00	33.87 2.31 0.00	36.35 2.61 0.00	36.54 2.90 0.00	36.09 3.14 0.00	41.49 3.62 0.00	40.91 3.58 0.00	45.41 3.78 0.00	43.36 3.40 0.00	47.07 3.54 0.00
ASTORIA_GT_10 24110	38.64 2.32 0.00	35.53 2.01 0.00	32.65 1.86 0.00	28.67 1.65 0.00	26.79 1.45 0.00	29.92 1.52 0.00	33.26 1.66 0.00	33.49 1.68 0.00	30.91 1.76 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.73 2.08 0.00	33.83 2.27 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.99 3.04 0.00	41.41 3.54 0.00	40.80 3.47 0.00	45.33 3.69 0.00	43.29 3.33 0.00	46.93 3.41 0.00
ASTORIA_GT_11 24225	38.64 2.32 0.00	35.53 2.01 0.00	32.65 1.86 0.00	28.67 1.65 0.00	26.79 1.45 0.00	29.92 1.52 0.00	33.26 1.66 0.00	33.49 1.68 0.00	30.91 1.76 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.73 2.08 0.00	33.83 2.27 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.99 3.04 0.00	41.41 3.54 0.00	40.80 3.47 0.00	45.33 3.69 0.00	43.29 3.33 0.00	46.93 3.41 0.00
ASTORIA_GT_12 24226	38.64 2.32 0.00	35.53 2.01 0.00	32.65 1.86 0.00	28.67 1.65 0.00	26.79 1.45 0.00	29.92 1.52 0.00	33.26 1.66 0.00	33.49 1.68 0.00	30.91 1.76 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.73 2.08 0.00	33.83 2.27 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.99 3.04 0.00	41.41 3.54 0.00	40.80 3.47 0.00	45.33 3.69 0.00	43.29 3.33 0.00	46.93 3.41 0.00
ASTORIA_GT_13 24227	38.64 2.32 0.00	35.53 2.01 0.00	32.65 1.86 0.00	28.67 1.65 0.00	26.79 1.45 0.00	29.92 1.52 0.00	33.26 1.66 0.00	33.49 1.68 0.00	30.91 1.76 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.73 2.08 0.00	33.83 2.27 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.99 3.04 0.00	41.41 3.54 0.00	40.80 3.47 0.00	45.33 3.69 0.00	43.29 3.33 0.00	46.93 3.41 0.00
ASTORIA_GT_5 24106	38.74 2.42 0.00	35.61 2.08 0.00	32.74 1.95 0.00	28.72 1.69 0.00	26.83 1.49 0.00	29.96 1.56 0.00	33.30 1.70 0.00	33.51 1.71 0.00	30.99 1.84 0.00	28.71 1.80 0.00	31.82 2.08 0.00	31.80 2.15 0.00	33.87 2.31 0.00	36.35 2.61 0.00	36.54 2.90 0.00	36.09 3.14 0.00	41.49 3.62 0.00	40.91 3.58 0.00	45.41 3.78 0.00	43.36 3.40 0.00	47.07 3.54 0.00
ASTORIA_GT_7 24107	38.74 2.42 0.00	35.61 2.08 0.00	32.74 1.95 0.00	28.72 1.69 0.00	26.83 1.49 0.00	29.96 1.56 0.00	33.30 1.70 0.00	33.51 1.71 0.00	30.99 1.84 0.00	28.71 1.80 0.00	31.82 2.08 0.00	31.80 2.15 0.00	33.87 2.31 0.00	36.35 2.61 0.00	36.54 2.90 0.00	36.09 3.14 0.00	41.49 3.62 0.00	40.91 3.58 0.00	45.41 3.78 0.00	43.36 3.40 0.00	47.07 3.54 0.00
ASTORIA_GT_8 24108	38.74 2.42 0.00	35.61 2.08 0.00	32.74 1.95 0.00	28.72 1.69 0.00	26.83 1.49 0.00	29.96 1.56 0.00	33.30 1.70 0.00	33.51 1.71 0.00	30.99 1.84 0.00	28.71 1.80 0.00	31.82 2.08 0.00	31.80 2.15 0.00	33.87 2.31 0.00	36.35 2.61 0.00	36.54 2.90 0.00	36.09 3.14 0.00	41.49 3.62 0.00	40.91 3.58 0.00	45.41 3.78 0.00	43.36 3.40 0.00	47.07 3.54 0.00
ASTORIA___2 24149	38.66 2.34 0.00	35.53 2.01 0.00	32.67 1.89 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.91 1.51 0.00	33.24 1.65 0.00	33.45 1.65 0.00	30.94 1.79 0.00	28.66 1.75 0.00	31.76 2.01 0.00	31.73 2.08 0.00	33.80 2.24 0.00	36.27 2.53 0.00	36.46 2.82 0.00	36.00 3.05 0.00	41.40 3.53 0.00	40.83 3.50 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.98 3.45 0.00
ASTORIA___3 23516	38.64 2.32 0.00	35.51 1.99 0.00	32.64 1.85 0.00	28.67 1.64 0.00	26.78 1.45 0.00	29.91 1.51 0.00	33.26 1.66 0.00	33.47 1.67 0.00	30.92 1.77 0.00	28.66 1.75 0.00	31.76 2.01 0.00	31.72 2.07 0.00	33.83 2.27 0.00	36.25 2.51 0.00	36.44 2.80 0.00	35.98 3.02 0.00	41.40 3.53 0.00	40.80 3.47 0.00	45.33 3.69 0.00	43.28 3.33 0.00	46.93 3.41 0.00
ASTORIA___4 23517	38.64 2.32 0.00	35.53 2.01 0.00	32.65 1.86 0.00	28.67 1.65 0.00	26.79 1.45 0.00	29.92 1.52 0.00	33.26 1.66 0.00	33.49 1.68 0.00	30.91 1.76 0.00	28.66 1.75 0.00	31.77 2.02 0.00	31.73 2.08 0.00	33.83 2.27 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.99 3.04 0.00	41.41 3.54 0.00	40.80 3.47 0.00	45.32 3.69 0.00	43.29 3.33 0.00	46.93 3.41 0.00
ASTORIA___5 23518	38.64 2.32 0.00	35.51 1.99 0.00	32.64 1.85 0.00	28.67 1.64 0.00	26.78 1.45 0.00	29.91 1.51 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.92 1.77 0.00	28.66 1.75 0.00	31.76 2.01 0.00	31.72 2.07 0.00	33.83 2.27 0.00	36.25 2.51 0.00	36.45 2.81 0.00	35.98 3.02 0.00	41.40 3.53 0.00	40.80 3.47 0.00	45.33 3.69 0.00	43.28 3.33 0.00	46.93 3.41 0.00
AST_ENERGY_2_CC3 323677	38.64 2.32 0.00	35.50 1.98 0.00	32.62 1.83 0.00	28.64 1.61 0.00	26.76 1.43 0.00	29.89 1.49 0.00	33.24 1.64 0.00	33.45 1.65 0.00	30.88 1.73 0.00	28.62 1.71 0.00	31.74 2.00 0.00	31.69 2.04 0.00	33.82 2.26 0.00	36.23 2.50 0.00	36.43 2.79 0.00	35.95 2.99 0.00	41.37 3.50 0.00	40.77 3.44 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00
AST_ENERGY_2_CC4 323678	38.64 2.32 0.00	35.50 1.98 0.00	32.62 1.83 0.00	28.64 1.61 0.00	26.76 1.43 0.00	29.89 1.49 0.00	33.24 1.64 0.00	33.45 1.65 0.00	30.88 1.73 0.00	28.62 1.71 0.00	31.74 2.00 0.00	31.69 2.04 0.00	33.82 2.26 0.00	36.23 2.50 0.00	36.43 2.79 0.00	35.95 2.99 0.00	41.37 3.50 0.00	40.77 3.44 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00

ATHENS_STG_1 23668	37.43 1.11 0.00	34.56 1.04 0.00	31.78 0.99 0.00	27.94 0.92 0.00	26.19 0.85 0.00	29.28 0.88 0.00	32.52 0.92 0.00	32.68 0.87 0.00	29.96 0.81 0.00	27.69 0.78 0.00	30.64 0.90 0.00	30.58 0.92 0.00	32.59 1.02 0.00	34.86 1.12 0.00	34.87 1.23 0.00	34.30 1.34 0.00	39.46 1.58 0.00	38.88 1.55 0.00	43.27 1.63 0.00	41.42 1.46 0.00	45.05 1.52 0.00
ATHENS_STG_2 23670	37.43 1.11 0.00	34.56 1.04 0.00	31.78 0.99 0.00	27.94 0.92 0.00	26.19 0.85 0.00	29.28 0.88 0.00	32.52 0.92 0.00	32.68 0.87 0.00	29.96 0.81 0.00	27.69 0.78 0.00	30.64 0.90 0.00	30.58 0.92 0.00	32.59 1.02 0.00	34.86 1.12 0.00	34.87 1.23 0.00	34.30 1.34 0.00	39.46 1.58 0.00	38.88 1.55 0.00	43.27 1.63 0.00	41.42 1.46 0.00	45.05 1.52 0.00
ATHENS_STG_3 23677	37.43 1.11 0.00	34.56 1.04 0.00	31.78 0.99 0.00	27.94 0.92 0.00	26.19 0.85 0.00	29.28 0.88 0.00	32.52 0.92 0.00	32.68 0.87 0.00	29.96 0.81 0.00	27.69 0.78 0.00	30.64 0.90 0.00	30.58 0.92 0.00	32.59 1.02 0.00	34.86 1.12 0.00	34.87 1.23 0.00	34.30 1.34 0.00	39.46 1.58 0.00	38.88 1.55 0.00	43.27 1.63 0.00	41.42 1.46 0.00	45.05 1.52 0.00
AUBURN___LFGE 323710	37.35 -0.31 -1.34	34.50 -0.23 -1.21	31.03 -0.30 -0.53	27.15 -0.24 -0.36	25.09 -0.25 0.00	28.03 -0.41 -0.03	31.36 -0.43 -0.19	32.55 -0.34 -1.08	28.67 -0.48 0.00	27.41 -0.58 -1.08	30.27 -0.73 -1.25	30.36 -0.69 -1.40	32.49 -0.55 -1.48	34.48 -0.67 -1.41	34.51 -0.64 -1.52	33.69 -0.79 -1.53	38.39 -0.98 -1.49	38.03 -0.89 -1.58	42.60 -0.81 -1.78	40.31 -0.38 -0.73	43.13 -0.40 0.00
BABYLON_RES_REC 323704	39.31 2.99 0.00	35.94 2.42 0.00	32.92 2.13 0.00	28.86 1.83 0.00	26.94 1.61 0.00	30.12 1.72 0.00	33.53 1.93 0.00	33.58 1.77 0.00	31.05 1.90 0.00	28.69 1.79 0.00	31.86 2.12 0.00	31.74 2.09 0.00	33.96 2.40 0.00	36.52 2.78 0.00	38.08 3.21 -1.23	36.28 3.33 0.00	41.68 3.81 0.00	41.09 3.76 0.00	45.67 4.04 0.00	43.64 3.68 0.00	47.15 3.62 0.00
BALL_HILL_WT_PWR 323825	21.97 -2.72 11.63	20.85 -2.21 10.46	23.82 -2.33 4.64	21.79 -2.08 3.16	23.27 -2.05 0.00	25.68 -2.42 0.30	27.36 -2.58 1.67	20.35 -2.07 9.38	27.12 -2.02 0.00	15.91 -1.66 9.34	16.86 -2.00 10.88	15.34 -2.11 12.20	16.58 -2.10 12.88	19.31 -2.17 12.26	18.02 -2.42 13.20	17.16 -2.47 13.33	22.16 -2.73 12.98	20.90 -2.66 13.76	23.19 -2.94 15.50	30.91 -2.80 6.24	39.99 -3.54 0.00
BARON_WINDS___WT_PWR 323822	-17.74 -2.82 51.24	-15.17 -2.57 46.12	7.85 -2.49 20.45	11.04 -2.08 13.91	23.35 -1.96 0.02	24.86 -2.23 1.32	21.90 -2.36 7.34	-11.64 -2.11 41.34	27.03 -2.11 0.01	-16.45 -2.18 41.18	-20.74 -2.60 47.89	-26.59 -2.62 53.62	-27.56 -2.50 56.63	-22.65 -2.50 53.89	-26.94 -2.54 58.04	-28.02 -2.38 58.59	-21.95 -2.75 57.07	-25.74 -2.56 60.51	-29.05 -2.47 68.22	10.78 -1.68 27.50	41.69 -1.84 0.00
BARRETT_IC_1 23704	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BARRETT_IC_10 23701	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BARRETT_IC_11 23702	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BARRETT_IC_12 23703	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BARRETT_IC_2 23705	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BARRETT_IC_3 23706	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BARRETT_IC_4 23707	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BARRETT_IC_5 23708	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01

BARRETT_IC_6 23709	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BARRETT_IC_7 23710	38.96 2.64 0.00	35.69 2.17 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.34 1.74 0.00	33.45 1.65 0.00	30.86 1.71 0.00	28.55 1.65 0.00	31.74 1.99 0.00	31.70 2.05 0.00	33.91 2.34 -0.01	36.43 2.68 -0.02	65.73 3.09 -29.00	36.07 3.09 -0.03	41.41 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BARRETT_IC_8 23711	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BARRETT_IC_9 23700	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BARRETT__1 23545	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BARRETT__2 23546	38.95 2.64 0.00	35.68 2.16 0.00	32.72 1.93 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.45 1.64 0.00	30.86 1.71 0.00	28.55 1.64 0.00	31.74 1.99 0.00	31.69 2.04 0.00	33.90 2.33 -0.01	36.41 2.65 -0.02	65.68 3.04 -29.00	36.06 3.08 -0.03	41.42 3.54 -0.01	40.78 3.45 0.00	45.33 3.70 0.00	43.27 3.31 0.00	46.85 3.31 -0.01
BATAVIA__115KV_TB1 55881	28.54 -1.76 6.02	26.72 -1.39 5.42	26.79 -1.59 2.40	23.93 -1.46 1.64	23.79 -1.54 0.00	26.35 -1.89 0.15	28.73 -2.02 0.86	25.28 -1.68 4.85	27.32 -1.83 0.00	20.55 -1.52 4.84	22.38 -1.75 5.62	21.62 -1.73 6.30	23.14 -1.77 6.65	26.05 -1.36 6.33	24.66 -2.17 6.82	23.86 -2.21 6.88	28.67 -2.50 6.70	27.66 -2.57 7.11	30.90 -2.70 8.03	34.24 -2.50 3.23	40.67 -2.86 0.00
BAYONEEC__CTG1 323682	38.67 2.35 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.77 1.44 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.89 1.74 0.00	28.63 1.72 0.00	31.76 2.02 0.00	31.71 2.06 0.00	33.84 2.28 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.41 3.54 0.00	40.82 3.49 0.00	45.37 3.74 0.00	43.31 3.36 0.00	46.93 3.40 0.00
BAYONEEC__CTG10 323750	38.67 2.35 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.77 1.44 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.89 1.74 0.00	28.63 1.72 0.00	31.76 2.02 0.00	31.71 2.06 0.00	33.84 2.28 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.41 3.54 0.00	40.82 3.49 0.00	45.37 3.74 0.00	43.31 3.36 0.00	46.93 3.40 0.00
BAYONEEC__CTG2 323683	38.67 2.35 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.77 1.44 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.89 1.74 0.00	28.63 1.72 0.00	31.76 2.02 0.00	31.71 2.06 0.00	33.84 2.28 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.41 3.54 0.00	40.82 3.49 0.00	45.37 3.74 0.00	43.31 3.36 0.00	46.93 3.40 0.00
BAYONEEC__CTG3 323684	38.67 2.35 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.77 1.44 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.89 1.74 0.00	28.63 1.72 0.00	31.76 2.02 0.00	31.71 2.06 0.00	33.84 2.28 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.41 3.54 0.00	40.82 3.49 0.00	45.37 3.74 0.00	43.31 3.36 0.00	46.93 3.40 0.00
BAYONEEC__CTG4 323685	38.67 2.35 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.77 1.44 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.89 1.74 0.00	28.63 1.72 0.00	31.76 2.02 0.00	31.71 2.06 0.00	33.84 2.28 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.41 3.54 0.00	40.82 3.49 0.00	45.37 3.74 0.00	43.31 3.36 0.00	46.93 3.40 0.00
BAYONEEC__CTG5 323686	38.67 2.35 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.77 1.44 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.89 1.74 0.00	28.63 1.72 0.00	31.76 2.02 0.00	31.71 2.06 0.00	33.84 2.28 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.41 3.54 0.00	40.82 3.49 0.00	45.37 3.74 0.00	43.31 3.36 0.00	46.93 3.40 0.00
BAYONEEC__CTG6 323687	38.67 2.35 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.77 1.44 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.89 1.74 0.00	28.63 1.72 0.00	31.76 2.02 0.00	31.71 2.06 0.00	33.84 2.28 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.41 3.54 0.00	40.82 3.49 0.00	45.37 3.74 0.00	43.31 3.36 0.00	46.93 3.40 0.00
BAYONEEC__CTG7 323688	38.67 2.35 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.77 1.44 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.89 1.74 0.00	28.63 1.72 0.00	31.76 2.02 0.00	31.71 2.06 0.00	33.84 2.28 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.41 3.54 0.00	40.82 3.49 0.00	45.37 3.74 0.00	43.31 3.36 0.00	46.93 3.40 0.00

BAYONEEC___CTG8 323689	38.67 2.35 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.77 1.44 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.89 1.74 0.00	28.63 1.72 0.00	31.76 2.02 0.00	31.71 2.06 0.00	33.84 2.28 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.41 3.54 0.00	40.82 3.49 0.00	45.37 3.74 0.00	43.31 3.36 0.00	46.93 3.40 0.00
BAYONEEC___CTG9 323749	38.67 2.35 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.77 1.44 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.89 1.74 0.00	28.63 1.72 0.00	31.76 2.02 0.00	31.71 2.06 0.00	33.84 2.28 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.41 3.54 0.00	40.82 3.49 0.00	45.37 3.74 0.00	43.31 3.36 0.00	46.93 3.40 0.00
BAYPORT_69_KV_BK 2 356364	39.60 3.28 0.00	36.19 2.67 0.00	33.12 2.33 0.00	29.04 2.01 0.00	27.10 1.76 0.00	30.30 1.89 0.00	33.69 2.09 0.00	33.67 1.87 0.00	31.26 2.11 0.00	28.87 1.96 0.00	32.03 2.28 0.00	31.87 2.22 0.00	34.14 2.57 0.00	36.78 3.04 0.40	36.74 3.50 0.00	36.62 3.66 0.00	42.10 4.23 0.00	41.41 4.08 0.00	45.99 4.35 0.00	43.90 3.94 0.00	47.41 3.88 0.00
BEACON___LESR 323632	37.29 0.97 0.00	34.39 0.87 0.00	31.65 0.86 0.00	27.81 0.78 0.00	26.13 0.80 0.00	29.32 0.92 0.00	32.51 0.90 0.00	32.61 0.80 0.00	29.91 0.76 0.00	27.57 0.66 0.00	30.51 0.76 0.00	30.36 0.71 0.00	32.31 0.75 0.00	34.47 0.73 0.00	34.42 0.78 0.00	33.80 0.84 0.00	38.94 1.07 0.00	38.33 1.00 0.00	42.69 1.06 0.00	40.94 0.98 0.00	44.70 1.17 0.00
BEAVER RIVER___HYD 24048	34.59 -1.73 0.00	31.87 -1.65 0.00	29.33 -1.46 0.00	25.78 -1.25 0.00	24.24 -1.10 0.00	27.46 -0.94 0.00	30.54 -1.06 0.00	30.37 -1.44 0.00	27.61 -1.54 0.00	25.60 -1.31 0.00	28.37 -1.38 0.00	28.26 -1.39 0.00	29.74 -1.83 0.00	31.70 -2.04 0.00	31.70 -1.94 0.00	30.74 -2.22 0.00	35.32 -2.55 0.00	34.78 -2.55 0.00	39.57 -2.07 0.00	38.58 -1.38 0.00	42.39 -1.14 0.00
BEEBEE_GT_13 23619	34.76 -1.56 0.00	32.25 -1.27 0.00	29.43 -1.36 0.00	25.81 -1.22 0.00	24.11 -1.22 0.00	26.86 -1.54 0.00	29.96 -1.65 0.00	30.42 -1.39 0.00	27.88 -1.27 0.00	25.83 -1.07 0.00	28.55 -1.20 0.00	28.46 -1.19 0.00	30.37 -1.19 0.00	32.41 -1.33 0.00	32.14 -1.50 0.00	31.43 -1.52 0.00	36.10 -1.77 0.00	35.62 -1.71 0.00	39.74 -1.87 0.02	38.19 -1.77 0.00	41.39 -2.14 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.95 2.63 0.00	35.78 2.26 0.00	32.83 2.05 0.00	28.80 1.78 0.00	26.92 1.59 0.00	30.05 1.65 0.00	33.42 1.82 0.00	33.65 1.84 0.00	31.06 1.91 0.00	28.79 1.89 0.00	31.93 2.19 0.00	31.90 2.25 0.00	34.05 2.48 0.00	36.49 2.76 0.00	36.70 3.06 0.00	36.26 3.31 0.00	41.73 3.86 0.00	41.11 3.78 0.00	45.68 4.05 0.00	43.66 3.70 0.00	47.32 3.80 0.00
BETHLEHEM___GRP 23843	36.87 0.55 0.00	33.99 0.47 0.00	31.32 0.53 0.00	27.53 0.50 0.00	25.85 0.52 0.00	28.93 0.53 0.00	32.14 0.53 0.00	32.22 0.42 0.00	29.54 0.39 0.00	27.24 0.33 0.00	30.11 0.37 0.00	30.02 0.37 0.00	31.93 0.36 0.00	34.13 0.39 0.00	34.08 0.44 0.00	33.45 0.50 0.00	38.50 0.63 0.00	37.89 0.56 0.00	42.14 0.51 0.00	40.41 0.45 0.00	44.01 0.48 0.00
BETHLEHEM___GS1 323560	36.86 0.54 0.00	33.99 0.46 0.00	31.32 0.53 0.00	27.53 0.50 0.00	25.85 0.52 0.00	28.93 0.53 0.00	32.14 0.53 0.00	32.22 0.42 0.00	29.54 0.39 0.00	27.24 0.33 0.00	30.11 0.36 0.00	30.02 0.37 0.00	31.93 0.37 0.00	34.13 0.39 0.00	34.07 0.43 0.00	33.44 0.48 0.00	38.50 0.63 0.00	37.89 0.56 0.00	42.13 0.50 0.00	40.40 0.44 0.00	44.01 0.48 0.00
BETHLEHEM___GS2 323561	36.86 0.54 0.00	33.99 0.46 0.00	31.32 0.53 0.00	27.53 0.50 0.00	25.85 0.52 0.00	28.93 0.53 0.00	32.14 0.53 0.00	32.22 0.42 0.00	29.54 0.39 0.00	27.24 0.33 0.00	30.11 0.36 0.00	30.02 0.37 0.00	31.93 0.37 0.00	34.13 0.39 0.00	34.07 0.43 0.00	33.44 0.48 0.00	38.50 0.63 0.00	37.89 0.56 0.00	42.13 0.50 0.00	40.40 0.44 0.00	44.01 0.48 0.00
BETHLEHEM___GS3 323562	36.86 0.54 0.00	33.99 0.46 0.00	31.32 0.53 0.00	27.53 0.50 0.00	25.85 0.52 0.00	28.93 0.53 0.00	32.14 0.53 0.00	32.22 0.42 0.00	29.54 0.39 0.00	27.24 0.33 0.00	30.11 0.36 0.00	30.02 0.37 0.00	31.93 0.37 0.00	34.13 0.39 0.00	34.07 0.43 0.00	33.44 0.48 0.00	38.50 0.63 0.00	37.89 0.56 0.00	42.13 0.50 0.00	40.40 0.44 0.00	44.01 0.48 0.00
BETHLEHEM___STEEL 23779	22.28 -2.73 11.31	21.11 -2.24 10.18	23.93 -2.34 4.51	21.87 -2.09 3.07	23.24 -2.09 0.00	25.59 -2.52 0.29	27.29 -2.69 1.62	20.52 -2.17 9.12	27.09 -2.05 0.00	16.12 -1.70 9.09	17.20 -1.98 10.57	15.80 -2.01 11.84	17.07 -2.00 12.50	19.79 -2.05 11.90	18.39 -2.44 12.81	17.57 -2.45 12.93	22.47 -2.81 12.60	21.20 -2.77 13.36	23.51 -3.05 15.07	30.88 -3.01 6.07	39.81 -3.72 0.00
BETHLEHEM_115KV_TB1 79974	36.94 0.62 0.00	34.05 0.53 0.00	31.37 0.58 0.00	27.58 0.55 0.00	25.89 0.56 0.00	28.97 0.56 0.00	32.19 0.58 0.00	32.28 0.47 0.00	29.59 0.44 0.00	27.29 0.38 0.00	30.16 0.41 0.00	30.07 0.42 0.00	31.99 0.43 0.00	34.20 0.46 0.00	34.15 0.51 0.00	33.51 0.56 0.00	38.57 0.70 0.00	37.97 0.64 0.00	42.24 0.61 0.00	40.50 0.54 0.00	44.10 0.57 0.00
BETHPAGE_CC_5 323564	39.23 2.91 0.00	35.90 2.37 0.00	32.90 2.11 0.00	28.85 1.83 0.00	26.94 1.61 0.00	30.11 1.71 0.00	33.51 1.91 0.00	33.60 1.79 0.00	31.07 1.91 0.00	28.73 1.83 0.00	31.91 2.17 0.00	31.82 2.17 0.00	34.02 2.45 0.00	36.54 2.80 0.00	38.10 3.23 -1.23	36.25 3.30 0.00	41.59 3.72 0.00	40.98 3.65 0.00	45.55 3.91 0.00	43.48 3.52 0.00	47.02 3.49 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.62 -2.65 11.05	21.39 -2.19 9.94	24.09 -2.29 4.41	21.99 -2.04 3.00	23.28 -2.05 0.00	25.65 -2.47 0.28	27.39 -2.62 1.58	20.79 -2.10 8.91	27.14 -2.01 0.00	16.38 -1.65 8.88	17.49 -1.93 10.32	16.13 -1.97 11.56	17.42 -1.94 12.21	20.14 -1.98 11.62	18.77 -2.36 12.51	17.95 -2.37 12.63	22.85 -2.72 12.30	21.62 -2.67 13.04	23.99 -2.92 14.72	31.13 -2.90 5.93	39.90 -3.62 0.00

BINGHAMTON__COGEN 23790	35.71 -0.61 0.00	33.04 -0.48 0.00	30.23 -0.56 0.00	26.59 -0.44 0.00	24.91 -0.42 0.00	27.91 -0.50 0.00	31.03 -0.57 0.00	31.33 -0.48 0.00	28.61 -0.54 0.00	26.40 -0.50 0.00	29.11 -0.63 0.00	28.99 -0.66 0.00	31.01 -0.55 0.00	33.22 -0.52 0.00	33.12 -0.52 0.00	32.45 -0.51 0.00	37.23 -0.63 0.00	36.76 -0.58 0.00	41.08 -0.54 0.01	39.63 -0.33 0.00	43.00 -0.52 0.00
BIXINCNT_115KV_LOAD 355685	23.49 -2.79 10.04	22.06 -2.43 9.03	24.40 -2.38 4.01	22.21 -2.10 2.73	23.25 -2.08 0.00	25.66 -2.49 0.26	27.63 -2.53 1.44	21.62 -2.09 8.10	27.09 -2.05 0.00	17.04 -1.80 8.07	18.02 -2.36 9.37	16.77 -2.42 10.46	18.08 -2.43 11.05	20.81 -2.41 10.52	19.63 -2.68 11.33	18.84 -2.68 11.43	23.63 -3.10 11.14	22.77 -2.76 11.81	25.50 -2.76 13.37	31.93 -2.63 5.39	40.16 -3.37 0.00
BLACK RIVER__HYD 24047	34.44 -1.88 0.00	31.69 -1.83 0.00	29.15 -1.64 0.00	25.65 -1.38 0.00	24.09 -1.24 0.00	27.30 -1.10 0.00	30.34 -1.26 0.00	30.09 -1.71 0.00	27.27 -1.88 0.00	25.33 -1.58 0.00	28.03 -1.72 0.00	28.02 -1.63 0.00	29.49 -2.08 0.00	31.54 -2.20 0.00	31.49 -2.15 0.00	30.45 -2.51 0.00	34.76 -3.11 0.00	34.26 -3.07 0.00	39.18 -2.45 0.00	38.46 -1.50 0.00	42.33 -1.18 0.00
BLACKRVR_115KV_TB2 79977	34.44 -1.88 0.00	31.69 -1.83 0.00	29.15 -1.64 0.00	25.65 -1.39 0.00	24.09 -1.24 0.00	27.30 -1.11 0.00	30.34 -1.26 0.00	30.09 -1.71 0.00	27.27 -1.88 0.00	25.33 -1.58 0.00	28.03 -1.72 0.00	28.02 -1.63 0.00	29.49 -2.08 0.00	31.54 -2.20 0.00	31.49 -2.15 0.00	30.45 -2.51 0.00	34.76 -3.11 0.00	34.26 -3.07 0.00	39.18 -2.45 0.00	38.46 -1.50 0.00	42.33 -1.19 0.00
BLISS_WT_PWR 323608	23.39 -2.88 10.04	21.94 -2.55 9.03	24.33 -2.45 4.01	22.12 -2.18 2.73	23.16 -2.16 0.00	25.56 -2.58 0.26	27.56 -2.60 1.44	21.56 -2.15 8.10	27.00 -2.14 0.00	16.94 -1.90 8.07	17.86 -2.52 9.37	16.60 -2.58 10.46	17.90 -2.62 11.05	20.63 -2.59 10.52	19.49 -2.82 11.33	18.73 -2.79 11.43	23.45 -3.29 11.14	22.66 -2.86 11.81	25.47 -2.79 13.37	31.92 -2.65 5.39	40.16 -3.37 0.00
BLUESTONE__WT_PWR 323821	36.05 -0.27 0.00	32.96 -0.56 0.00	29.99 -0.80 0.00	26.35 -0.68 0.00	24.78 -0.56 0.00	27.90 -0.51 0.00	31.03 -0.57 0.00	31.36 -0.44 0.00	28.74 -0.41 0.00	26.69 -0.22 0.00	29.14 -0.60 0.00	28.91 -0.74 0.00	30.95 -0.61 0.00	33.22 -0.52 0.00	33.29 -0.35 0.00	32.73 -0.23 0.00	37.64 -0.23 0.00	37.38 0.05 0.00	42.19 0.56 0.00	41.17 1.21 0.00	44.91 1.38 0.00
BLUE_CIRC_CHEM_DRP 24182	37.25 0.93 0.00	34.38 0.86 0.00	31.66 0.87 0.00	27.84 0.81 0.00	26.14 0.80 0.00	29.24 0.84 0.00	32.48 0.88 0.00	32.56 0.76 0.00	29.82 0.67 0.00	27.48 0.57 0.00	30.35 0.60 0.00	30.19 0.54 0.00	32.09 0.53 0.00	34.30 0.56 0.00	34.24 0.60 0.00	33.56 0.61 0.00	38.72 0.85 0.00	38.14 0.81 0.00	42.48 0.84 0.00	40.84 0.88 0.00	44.53 1.00 0.00
BOC_GAS_DRP 24189	37.05 0.73 0.00	34.19 0.67 0.00	31.46 0.67 0.00	27.66 0.63 0.00	25.95 0.62 0.00	29.04 0.64 0.00	32.26 0.66 0.00	32.39 0.58 0.00	29.69 0.54 0.00	27.39 0.48 0.00	30.28 0.53 0.00	30.20 0.55 0.00	32.14 0.58 0.00	34.38 0.64 0.00	34.32 0.68 0.00	33.70 0.75 0.00	38.77 0.90 0.00	38.18 0.85 0.00	42.48 0.85 0.00	40.70 0.75 0.00	44.31 0.78 0.00
BOONVILLE_115KV_TB1 79983	36.02 -0.30 0.00	33.20 -0.32 0.00	30.51 -0.28 0.00	26.82 -0.21 0.00	25.17 -0.16 0.00	28.34 -0.07 0.00	31.52 -0.08 0.00	31.59 -0.21 0.00	28.79 -0.36 0.00	26.65 -0.26 0.00	29.47 -0.28 0.00	29.32 -0.33 0.00	31.07 -0.49 0.00	33.17 -0.57 0.00	33.10 -0.54 0.00	32.29 -0.67 0.00	37.18 -0.69 0.00	36.64 -0.69 0.00	41.31 -0.32 0.00	39.96 0.01 0.00	43.74 0.21 0.00
BORALEX_4TH_BRANCH 23824	37.81 1.49 0.00	34.74 1.22 0.00	32.13 1.34 0.00	28.21 1.18 0.00	26.68 1.35 0.00	29.86 1.46 0.00	33.19 1.59 0.00	33.09 1.29 0.00	30.27 1.12 0.00	27.82 0.91 0.00	30.71 0.97 0.00	30.62 0.97 0.00	32.55 0.99 0.00	34.76 1.03 0.00	34.66 1.02 0.00	34.11 1.15 0.00	39.36 1.49 0.00	38.63 1.30 0.00	42.78 1.15 0.00	40.91 0.95 0.00	44.62 1.09 0.00
BOWLINE__1 23526	38.26 1.94 0.00	35.18 1.66 0.00	32.29 1.50 0.00	28.36 1.33 0.00	26.51 1.17 0.00	29.62 1.22 0.00	32.96 1.36 0.00	33.15 1.35 0.00	30.54 1.38 0.00	28.27 1.36 0.00	31.33 1.59 0.00	31.28 1.63 0.00	33.41 1.85 0.00	35.81 2.08 0.00	35.98 2.34 0.00	35.51 2.56 0.00	40.85 2.98 0.00	40.28 2.95 0.00	44.78 3.15 0.00	42.78 2.82 0.00	46.36 2.83 0.00
BOWLINE__2 23595	38.26 1.94 0.00	35.18 1.66 0.00	32.29 1.50 0.00	28.36 1.33 0.00	26.51 1.17 0.00	29.62 1.22 0.00	32.96 1.36 0.00	33.15 1.35 0.00	30.54 1.38 0.00	28.27 1.36 0.00	31.33 1.59 0.00	31.28 1.63 0.00	33.41 1.85 0.00	35.81 2.08 0.00	35.98 2.34 0.00	35.51 2.56 0.00	40.85 2.98 0.00	40.28 2.95 0.00	44.78 3.15 0.00	42.79 2.83 0.00	46.36 2.83 0.00
BRADY__115KV_TB2 356060	36.32 0.00 0.00	33.56 0.04 0.00	30.82 0.03 0.00	26.98 -0.04 0.00	25.26 -0.07 0.00	28.49 0.09 0.00	31.78 0.18 0.00	31.92 0.12 0.00	29.31 0.16 0.00	27.12 0.22 0.00	29.93 0.18 0.00	29.69 0.04 0.00	31.39 -0.18 0.00	33.50 -0.24 0.00	33.38 -0.26 0.00	32.63 -0.32 0.00	37.69 -0.17 0.00	37.42 0.09 0.00	42.00 0.37 0.00	40.29 0.33 0.00	43.89 0.36 0.00
BRANSCOMB__SOLAR 323811	38.16 1.84 0.00	35.09 1.57 0.00	32.28 1.49 0.00	28.35 1.32 0.00	26.66 1.32 0.00	29.85 1.45 0.00	33.17 1.57 0.00	33.15 1.34 0.00	30.31 1.17 0.00	28.05 1.14 0.00	30.96 1.22 0.00	30.89 1.24 0.00	32.59 1.03 0.00	34.69 0.95 0.00	34.59 0.95 0.00	33.96 1.00 0.00	39.26 1.39 0.00	38.78 1.45 0.00	43.41 1.78 0.00	41.80 1.84 0.00	45.57 2.05 0.00
BRDGHMPT_69_KV_BK1 55812	39.33 3.01 0.00	35.95 2.43 0.00	32.89 2.10 0.00	28.86 1.83 0.00	26.93 1.60 0.00	30.09 1.69 0.00	33.45 1.84 0.00	33.35 1.55 0.00	31.14 1.99 0.00	28.72 1.81 0.00	31.85 2.11 0.00	31.76 2.11 0.00	33.96 2.40 0.00	36.48 2.75 0.00	36.28 3.23 0.58	36.47 3.52 0.00	42.02 4.15 0.00	41.32 3.99 0.00	45.93 4.30 0.00	44.03 4.07 0.00	47.84 4.32 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	39.46 3.14 0.00	36.09 2.57 0.00	33.04 2.25 0.00	28.97 1.94 0.00	27.03 1.70 0.00	30.24 1.84 0.00	33.64 2.04 0.00	33.68 1.87 0.00	31.18 2.03 0.00	28.80 1.90 0.00	31.97 2.23 0.00	31.83 2.18 0.00	34.06 2.50 0.00	36.68 2.94 0.00	36.67 3.40 0.37	36.41 3.46 0.00	41.81 3.94 0.00	41.19 3.86 0.00	45.80 4.16 0.00	43.72 3.76 0.00	47.19 3.66 0.00
BRISTLHL_115KV_TB1 79998	35.31 -1.01 0.00	32.61 -0.91 0.00	29.90 -0.89 0.00	26.26 -0.77 0.00	24.61 -0.73 0.00	27.57 -0.83 0.00	30.68 -0.93 0.00	30.87 -0.93 0.00	28.25 -0.90 0.00	26.03 -0.88 0.00	28.76 -0.99 0.00	28.69 -0.96 0.00	30.58 -0.98 0.00	32.68 -1.06 0.00	32.51 -1.13 0.00	31.75 -1.20 0.00	36.36 -1.51 0.00	35.87 -1.46 0.00	40.11 -1.54 -0.02	38.60 -1.36 0.00	42.05 -1.48 0.00
BROOKHAVEN__DRP 24191	39.14 2.82 0.00	35.83 2.31 0.00	32.80 2.01 0.00	28.78 1.75 0.00	26.87 1.53 0.00	30.04 1.64 0.00	33.37 1.77 0.00	33.29 1.49 0.00	30.97 1.82 0.00	28.56 1.65 0.00	31.65 1.90 0.00	31.47 1.82 0.00	33.68 2.12 0.00	36.19 2.46 0.00	35.94 2.89 0.58	36.04 3.09 0.00	41.44 3.58 0.00	40.71 3.38 0.00	45.25 3.62 0.00	43.22 3.26 0.00	46.71 3.18 0.00
BROOKLYN_NAVY_YARD 23515	38.56 2.25 0.00	35.43 1.91 0.00	32.54 1.75 0.00	28.58 1.55 0.00	26.69 1.36 0.00	29.82 1.42 0.00	33.17 1.57 0.00	33.37 1.57 0.00	30.82 1.67 0.00	28.56 1.65 0.00	31.67 1.93 0.00	31.62 1.97 0.00	33.74 2.18 0.00	36.15 2.41 0.00	36.33 2.69 0.00	35.87 2.91 0.00	41.30 3.43 0.00	40.74 3.40 0.00	45.28 3.64 0.00	43.21 3.25 0.00	46.84 3.31 0.00
BROOKLYN__ARMY_DRP 323595	38.73 2.41 0.00	35.59 2.06 0.00	32.66 1.87 0.00	28.66 1.64 0.00	26.79 1.46 0.00	29.91 1.51 0.00	33.27 1.67 0.00	33.48 1.68 0.00	30.91 1.76 0.00	28.65 1.74 0.00	31.76 2.01 0.00	31.72 2.07 0.00	33.84 2.28 0.00	36.28 2.54 0.00	36.49 2.85 0.00	36.03 3.08 0.00	41.47 3.60 0.00	40.85 3.52 0.00	45.39 3.76 0.00	43.37 3.41 0.00	47.02 3.50 0.00
BROOME_2_LFGE 323671	35.71 -0.61 0.00	33.04 -0.49 0.00	30.23 -0.56 0.00	26.59 -0.44 0.00	24.91 -0.42 0.00	27.91 -0.49 0.00	31.03 -0.57 0.00	31.33 -0.48 0.00	28.61 -0.54 0.00	26.40 -0.51 0.00	29.11 -0.64 0.00	28.98 -0.67 0.00	31.00 -0.57 0.00	33.21 -0.53 0.00	33.10 -0.53 0.00	32.44 -0.52 0.00	37.22 -0.65 0.00	36.75 -0.58 0.00	41.08 -0.54 0.01	39.63 -0.33 0.00	43.00 -0.52 0.00
BROOME__LFGE 323600	35.71 -0.61 0.00	33.04 -0.49 0.00	30.23 -0.56 0.00	26.59 -0.44 0.00	24.91 -0.42 0.00	27.91 -0.49 0.00	31.03 -0.57 0.00	31.33 -0.48 0.00	28.61 -0.54 0.00	26.40 -0.51 0.00	29.11 -0.64 0.00	28.98 -0.67 0.00	31.00 -0.57 0.00	33.21 -0.53 0.00	33.10 -0.53 0.00	32.44 -0.52 0.00	37.22 -0.65 0.00	36.75 -0.58 0.00	41.08 -0.54 0.01	39.63 -0.33 0.00	43.00 -0.52 0.00
BROWNFLS_115KV_TB 3_5 80003	34.78 -1.54 0.00	32.07 -1.45 0.00	29.49 -1.30 0.00	25.88 -1.15 0.00	24.29 -1.04 0.00	27.47 -0.93 0.00	30.60 -1.00 0.00	30.58 -1.23 0.00	27.93 -1.22 0.00	25.86 -1.05 0.00	28.62 -1.13 0.00	28.44 -1.21 0.00	30.01 -1.56 0.00	32.00 -1.73 0.00	31.94 -1.70 0.00	31.09 -1.87 0.00	35.84 -2.03 0.00	35.36 -1.97 0.00	39.97 -1.66 0.00	38.72 -1.24 0.00	42.40 -1.13 0.00
BROWNSV1_27_KV_LOAD 356125	38.94 2.63 0.00	35.77 2.25 0.00	32.84 2.06 0.00	28.83 1.80 0.00	26.93 1.59 0.00	30.09 1.69 0.00	33.46 1.85 0.00	33.69 1.88 0.00	31.08 1.93 0.00	28.82 1.91 0.00	31.97 2.22 0.00	31.93 2.28 0.00	34.09 2.52 0.00	36.53 2.79 0.00	36.72 3.08 0.00	36.25 3.30 0.00	41.71 3.84 0.00	41.11 3.78 0.00	45.69 4.06 0.00	43.63 3.67 0.00	47.28 3.75 0.00
BURROWS__LYONSDAL 23803	35.60 -0.72 0.00	32.81 -0.71 0.00	30.17 -0.61 0.00	26.52 -0.51 0.00	24.92 -0.42 0.00	28.11 -0.29 0.00	31.26 -0.34 0.00	31.26 -0.54 0.00	28.47 -0.68 0.00	26.37 -0.54 0.00	29.18 -0.57 0.00	29.04 -0.62 0.00	30.71 -0.86 0.00	32.74 -1.00 0.00	32.72 -0.92 0.00	31.85 -1.10 0.00	36.68 -1.19 0.00	36.13 -1.21 0.00	40.83 -0.80 0.00	39.60 -0.36 0.00	43.39 -0.14 0.00
CAITHNESS_CC_1 323624	39.11 2.79 0.00	35.78 2.26 0.00	32.77 1.98 0.00	28.76 1.73 0.00	26.84 1.51 0.00	30.00 1.60 0.00	33.35 1.75 0.00	33.29 1.48 0.00	30.94 1.80 0.00	28.54 1.64 0.00	31.64 1.90 0.00	31.47 1.82 0.00	33.67 2.11 0.00	36.19 2.45 0.00	35.91 2.86 0.59	36.01 3.06 0.00	41.40 3.53 0.00	40.68 3.36 0.00	45.21 3.57 0.00	43.18 3.22 0.00	46.67 3.14 0.00
CALPINE BETH_PAGE_GT4 24209	39.24 2.92 0.00	35.93 2.40 0.00	32.91 2.13 0.00	28.86 1.83 0.00	26.95 1.61 0.00	30.13 1.73 0.00	33.52 1.91 0.00	33.62 1.81 0.00	31.07 1.92 0.00	28.75 1.84 0.00	31.93 2.19 0.00	31.84 2.19 0.00	34.00 2.43 0.00	36.52 2.79 0.00	39.32 3.24 -2.44	36.22 3.26 0.00	41.48 3.61 0.00	40.89 3.55 0.00	45.42 3.79 0.00	43.37 3.41 0.00	46.93 3.40 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.23 2.91 0.00	35.91 2.39 0.00	32.91 2.12 0.00	28.86 1.83 0.00	26.95 1.61 0.00	30.12 1.72 0.00	33.52 1.92 0.00	33.61 1.80 0.00	31.08 1.93 0.00	28.75 1.84 0.00	31.93 2.19 0.00	31.84 2.19 0.00	34.00 2.43 0.00	36.51 2.77 0.00	39.27 3.18 -2.44	36.19 3.24 0.00	41.48 3.61 0.00	40.88 3.55 0.00	45.43 3.79 0.00	43.37 3.41 0.00	46.93 3.40 0.00
CALPINE_BP_GT1 23823	39.23 2.91 0.00	35.91 2.39 0.00	32.91 2.12 0.00	28.86 1.83 0.00	26.95 1.61 0.00	30.12 1.72 0.00	33.52 1.92 0.00	33.61 1.80 0.00	31.08 1.93 0.00	28.75 1.84 0.00	31.93 2.19 0.00	31.84 2.19 0.00	34.00 2.43 0.00	36.51 2.77 0.00	39.27 3.18 -2.44	36.19 3.24 0.00	41.48 3.61 0.00	40.88 3.55 0.00	45.43 3.79 0.00	43.37 3.41 0.00	46.93 3.40 0.00
CALSPAN__DRP 24200	22.28 -2.73 11.31	21.11 -2.24 10.18	23.93 -2.34 4.51	21.87 -2.09 3.07	23.24 -2.09 0.00	25.59 -2.52 0.29	27.29 -2.69 1.62	20.52 -2.17 9.12	27.09 -2.05 0.00	16.12 -1.70 9.09	17.20 -1.98 10.57	15.80 -2.01 11.84	17.07 -2.00 12.50	19.79 -2.05 11.90	18.39 -2.44 12.81	17.57 -2.45 12.93	22.47 -2.81 12.60	21.20 -2.77 13.36	23.51 -3.05 15.07	30.88 -3.01 6.07	39.81 -3.72 0.00

CALVERTON__SOLAR 323806	39.17 2.86 0.00	35.85 2.33 0.00	32.82 2.03 0.00	28.81 1.78 0.00	26.89 1.56 0.00	30.06 1.66 0.00	33.40 1.80 0.00	33.29 1.49 0.00	31.01 1.86 0.00	28.58 1.67 0.00	31.65 1.91 0.00	31.48 1.83 0.00	33.68 2.12 0.00	36.19 2.45 0.00	35.91 2.85 0.58	36.06 3.11 0.00	41.50 3.63 0.00	40.77 3.44 0.00	45.33 3.70 0.00	43.32 3.36 0.00	46.84 3.31 0.00
CANDIGU_WT_PWR 323617	-17.74 -2.82 51.24	-15.17 -2.57 46.12	7.85 -2.49 20.45	11.04 -2.08 13.91	23.35 -1.96 0.02	24.86 -2.23 1.32	21.90 -2.36 7.34	-11.64 -2.11 41.34	27.03 -2.11 0.01	-16.45 -2.18 41.18	-20.74 -2.60 47.89	-26.59 -2.62 53.62	-27.56 -2.50 56.63	-22.65 -2.50 53.89	-26.94 -2.54 58.04	-28.02 -2.38 58.59	-21.95 -2.75 57.07	-25.74 -2.56 60.51	-29.05 -2.47 68.22	10.78 -1.68 27.50	41.69 -1.84 0.00
CARR STREET_E__SYR 24060	35.65 -0.67 0.00	32.94 -0.58 0.00	30.19 -0.60 0.00	26.51 -0.52 0.00	24.84 -0.50 0.00	27.81 -0.59 0.00	30.94 -0.66 0.00	31.19 -0.62 0.00	28.52 -0.63 0.00	26.31 -0.60 0.00	29.07 -0.68 0.00	29.00 -0.65 0.00	30.93 -0.64 0.00	33.06 -0.68 0.00	32.89 -0.75 0.00	32.13 -0.82 0.00	36.81 -1.06 0.00	36.34 -0.99 0.00	40.60 -1.02 0.01	39.08 -0.88 0.00	42.52 -1.00 0.00
CARTHAGE__PAPER 23857	34.55 -1.77 0.00	31.82 -1.71 0.00	29.27 -1.52 0.00	25.74 -1.29 0.00	24.19 -1.14 0.00	27.42 -0.99 0.00	30.48 -1.12 0.00	30.28 -1.52 0.00	27.49 -1.66 0.00	25.51 -1.40 0.00	28.25 -1.49 0.00	28.18 -1.47 0.00	29.65 -1.91 0.00	31.66 -2.08 0.00	31.64 -2.00 0.00	30.65 -2.31 0.00	35.12 -2.75 0.00	34.60 -2.74 0.00	39.45 -2.18 0.00	38.58 -1.38 0.00	42.43 -1.10 0.00
CASSADAGA_WT_PWR 323784	23.20 -2.48 10.63	21.97 -1.98 9.57	24.42 -2.13 4.24	22.29 -1.85 2.89	23.47 -1.85 0.00	26.05 -2.08 0.27	27.96 -2.12 1.52	21.63 -1.60 8.58	27.57 -1.58 0.00	17.05 -1.32 8.54	18.12 -1.74 9.89	16.61 -2.04 11.00	17.81 -2.14 11.62	20.48 -2.20 11.05	19.58 -2.15 11.90	18.44 -2.49 12.02	24.01 -2.16 11.71	22.96 -1.96 12.41	25.09 -2.40 14.14	32.16 -2.09 5.71	40.85 -2.67 0.00
CE_DUNWOOD__DRP 24194	38.48 2.16 0.00	35.37 1.85 0.00	32.48 1.69 0.00	28.52 1.49 0.00	26.65 1.31 0.00	29.78 1.38 0.00	33.12 1.52 0.00	33.32 1.52 0.00	30.70 1.55 0.00	28.44 1.54 0.00	31.54 1.80 0.00	31.49 1.84 0.00	33.62 2.06 0.00	36.04 2.30 0.00	36.20 2.56 0.00	35.72 2.77 0.00	41.10 3.23 0.00	40.52 3.19 0.00	45.04 3.40 0.00	43.01 3.05 0.00	46.62 3.09 0.00
CE_MILLWOOD__DRP 24193	38.40 2.08 0.00	35.32 1.79 0.00	32.42 1.63 0.00	28.46 1.44 0.00	26.60 1.27 0.00	29.73 1.33 0.00	33.06 1.45 0.00	33.26 1.46 0.00	30.63 1.48 0.00	28.38 1.47 0.00	31.46 1.71 0.00	31.41 1.76 0.00	33.55 1.99 0.00	35.94 2.21 0.00	36.11 2.47 0.00	35.63 2.68 0.00	41.00 3.12 0.00	40.41 3.08 0.00	44.92 3.29 0.00	42.91 2.95 0.00	46.54 3.01 0.00
CE_NYC2_DRP 24202	38.68 2.36 0.00	35.56 2.04 0.00	32.67 1.88 0.00	28.69 1.66 0.00	26.80 1.46 0.00	29.93 1.53 0.00	33.27 1.67 0.00	33.50 1.70 0.00	30.92 1.78 0.00	28.68 1.77 0.00	31.79 2.04 0.00	31.75 2.10 0.00	33.86 2.30 0.00	36.29 2.55 0.00	36.48 2.84 0.00	36.02 3.06 0.00	41.44 3.57 0.00	40.84 3.51 0.00	45.36 3.73 0.00	43.32 3.36 0.00	46.97 3.44 0.00
CE_NYC_DRP 24195	38.71 2.39 0.00	35.57 2.05 0.00	32.67 1.88 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.93 1.53 0.00	33.29 1.69 0.00	33.51 1.70 0.00	30.91 1.77 0.00	28.66 1.75 0.00	31.79 2.05 0.00	31.75 2.10 0.00	33.89 2.33 0.00	36.31 2.57 0.00	36.51 2.87 0.00	36.04 3.08 0.00	41.47 3.60 0.00	40.87 3.54 0.00	45.41 3.78 0.00	43.36 3.40 0.00	46.97 3.44 0.00
CHAFFEE__LFGE 323603	23.08 -2.56 10.68	21.82 -2.08 9.61	24.29 -2.24 4.26	22.11 -2.01 2.90	23.31 -2.02 0.00	25.70 -2.43 0.27	27.48 -2.60 1.53	21.12 -2.07 8.62	27.15 -2.00 0.00	16.71 -1.61 8.59	17.90 -1.87 9.98	16.60 -1.89 11.16	17.93 -1.85 11.79	20.62 -1.90 11.21	19.29 -2.27 12.08	18.51 -2.25 12.19	23.37 -2.62 11.88	22.16 -2.57 12.59	24.56 -2.83 14.24	31.41 -2.81 5.73	39.99 -3.54 0.00
CHATEAUG_35_KV_LOAD 355732	35.68 -0.64 0.00	32.84 -0.68 0.00	30.24 -0.55 0.00	26.47 -0.56 0.00	24.81 -0.53 0.00	27.88 -0.52 0.00	31.08 -0.52 0.00	31.35 -0.45 0.00	28.90 -0.25 0.00	26.71 -0.20 0.00	29.58 -0.16 0.00	29.43 -0.22 0.00	31.23 -0.33 0.00	33.33 -0.41 0.00	33.19 -0.45 0.00	32.52 -0.43 0.00	37.57 -0.30 0.00	37.10 -0.23 0.00	41.33 -0.30 0.00	39.47 -0.49 0.00	43.13 -0.39 0.00
CHATEAUG_WT_PWR 323614	35.71 -0.61 0.00	32.87 -0.65 0.00	30.27 -0.52 0.00	26.51 -0.52 0.00	24.84 -0.50 0.00	27.93 -0.47 0.00	31.12 -0.49 0.00	31.38 -0.42 0.00	28.92 -0.23 0.00	26.72 -0.18 0.00	29.59 -0.15 0.00	29.46 -0.19 0.00	31.27 -0.29 0.00	33.38 -0.36 0.00	33.25 -0.39 0.00	32.58 -0.38 0.00	37.61 -0.26 0.00	37.14 -0.19 0.00	41.38 -0.26 0.00	39.53 -0.43 0.00	43.17 -0.35 0.00
CHAT_HIGH_FALL_HYD 323578	35.68 -0.64 0.00	32.84 -0.68 0.00	30.24 -0.55 0.00	26.47 -0.56 0.00	24.81 -0.53 0.00	27.88 -0.52 0.00	31.08 -0.52 0.00	31.35 -0.45 0.00	28.90 -0.25 0.00	26.71 -0.20 0.00	29.58 -0.16 0.00	29.43 -0.22 0.00	31.23 -0.33 0.00	33.33 -0.41 0.00	33.19 -0.45 0.00	32.52 -0.43 0.00	37.57 -0.30 0.00	37.10 -0.23 0.00	41.33 -0.30 0.00	39.47 -0.49 0.00	43.13 -0.39 0.00
CHAUTAUQUA__LFGE 323629	22.63 -2.60 11.09	21.47 -2.08 9.98	24.15 -2.21 4.43	22.07 -1.95 3.01	23.41 -1.92 0.00	25.90 -2.21 0.28	27.67 -2.34 1.59	21.00 -1.86 8.95	27.32 -1.83 0.00	16.47 -1.52 8.91	17.45 -1.92 10.38	15.87 -2.12 11.66	17.14 -2.11 12.31	19.82 -2.20 11.72	18.70 -2.32 12.62	17.77 -2.44 12.74	22.94 -2.52 12.41	21.75 -2.42 13.16	24.17 -2.67 14.79	31.58 -2.42 5.95	40.46 -3.07 0.00
CHERRYST_13_KV_LD 356241	38.80 2.49 0.00	35.64 2.12 0.00	32.74 1.95 0.00	28.74 1.71 0.00	26.85 1.52 0.00	30.00 1.60 0.00	33.36 1.76 0.00	33.59 1.78 0.00	30.99 1.84 0.00	28.74 1.83 0.00	31.89 2.14 0.00	31.84 2.19 0.00	33.99 2.43 0.00	36.42 2.68 0.00	36.62 2.98 0.00	36.15 3.19 0.00	41.59 3.72 0.00	40.98 3.65 0.00	45.54 3.91 0.00	43.47 3.51 0.00	47.10 3.57 0.00

CHESTROR_138KV_BK263 355645	38.03 1.71 0.00	35.00 1.48 0.00	32.12 1.33 0.00	28.21 1.18 0.00	26.37 1.03 0.00	29.49 1.08 0.00	32.79 1.19 0.00	32.99 1.18 0.00	30.33 1.18 0.00	28.06 1.15 0.00	31.07 1.33 0.00	31.02 1.37 0.00	33.13 1.57 0.00	35.50 1.77 0.00	35.64 2.00 0.00	35.15 2.19 0.00	40.42 2.55 0.00	39.89 2.56 0.00	44.39 2.76 0.00	42.46 2.50 0.00	46.06 2.53 0.00
CH_MIDHUDSON__DRP 24192	38.39 2.08 0.00	35.31 1.79 0.00	32.45 1.66 0.00	28.49 1.46 0.00	26.62 1.29 0.00	29.77 1.36 0.00	33.09 1.49 0.00	33.29 1.48 0.00	30.61 1.46 0.00	28.35 1.44 0.00	31.42 1.68 0.00	31.38 1.73 0.00	33.50 1.93 0.00	35.88 2.14 0.00	36.03 2.39 0.00	35.54 2.58 0.00	40.89 3.02 0.00	40.35 3.02 0.00	44.86 3.23 0.00	42.88 2.92 0.00	46.49 2.96 0.00
CH_MISC_IPPS 23765	38.58 2.26 0.00	35.48 1.96 0.00	32.57 1.78 0.00	28.59 1.57 0.00	26.73 1.40 0.00	29.87 1.47 0.00	33.21 1.61 0.00	33.42 1.62 0.00	30.74 1.59 0.00	28.47 1.56 0.00	31.54 1.79 0.00	31.50 1.85 0.00	33.65 2.08 0.00	36.07 2.33 0.00	36.24 2.60 0.00	35.74 2.79 0.00	41.14 3.27 0.00	40.61 3.28 0.00	45.18 3.55 0.00	43.19 3.23 0.00	46.84 3.31 0.00
CH_RES_BVR_FALLS 23983	36.04 -0.28 0.00	33.26 -0.27 0.00	30.57 -0.21 0.00	26.83 -0.20 0.00	25.14 -0.19 0.00	28.23 -0.17 0.00	31.44 -0.16 0.00	31.64 -0.17 0.00	29.00 -0.15 0.00	26.77 -0.13 0.00	29.62 -0.12 0.00	29.52 -0.13 0.00	31.38 -0.18 0.00	33.50 -0.23 0.00	33.42 -0.22 0.00	32.73 -0.22 0.00	37.64 -0.23 0.00	37.10 -0.23 0.00	41.39 -0.24 0.00	39.74 -0.22 0.00	43.31 -0.22 0.00
CH_RES_NIAGARA 23895	24.40 -3.37 8.54	23.04 -2.79 7.69	24.55 -2.83 3.41	22.18 -2.53 2.32	22.82 -2.51 0.00	25.10 -3.08 0.22	27.07 -3.31 1.23	22.14 -2.77 6.89	26.67 -2.48 0.00	17.94 -2.11 6.86	19.41 -2.35 7.98	18.35 -2.36 8.94	19.69 -2.43 9.44	22.21 -2.54 8.99	20.86 -3.10 9.68	20.07 -3.12 9.77	24.45 -3.91 9.52	23.31 -3.93 10.09	25.68 -4.56 11.39	30.94 -4.44 4.58	38.38 -5.14 0.00
CH_RES_SYRACUSE 23985	35.85 -0.47 0.00	33.12 -0.40 0.00	30.36 -0.43 0.00	26.66 -0.37 0.00	24.97 -0.36 0.00	27.96 -0.45 0.00	31.11 -0.49 0.00	31.35 -0.45 0.00	28.64 -0.51 0.00	26.39 -0.52 0.00	29.13 -0.62 0.00	29.06 -0.59 0.00	31.02 -0.54 0.00	33.15 -0.59 0.00	32.99 -0.65 0.00	32.22 -0.74 0.00	36.92 -0.95 0.00	36.46 -0.87 0.00	40.77 -0.86 0.00	39.31 -0.65 0.00	42.78 -0.74 0.00
CLINTON_WT_PWR 323605	35.71 -0.61 0.00	32.87 -0.65 0.00	30.27 -0.52 0.00	26.51 -0.52 0.00	24.84 -0.50 0.00	27.93 -0.47 0.00	31.12 -0.49 0.00	31.38 -0.42 0.00	28.92 -0.23 0.00	26.72 -0.18 0.00	29.59 -0.15 0.00	29.46 -0.19 0.00	31.27 -0.29 0.00	33.38 -0.36 0.00	33.25 -0.39 0.00	32.58 -0.38 0.00	37.61 -0.26 0.00	37.14 -0.19 0.00	41.38 -0.26 0.00	39.53 -0.43 0.00	43.17 -0.35 0.00
CLINTON__LFGE 323618	36.12 -0.19 0.00	33.18 -0.34 0.00	30.57 -0.22 0.00	26.75 -0.27 0.00	25.07 -0.26 0.00	28.20 -0.20 0.00	31.41 -0.19 0.00	31.65 -0.15 0.00	29.20 0.05 0.00	27.02 0.11 0.00	29.89 0.14 0.00	29.70 0.05 0.00	31.52 -0.04 0.00	33.64 -0.10 0.00	33.52 -0.12 0.00	32.86 -0.09 0.00	37.97 0.11 0.00	37.49 0.16 0.00	41.78 0.15 0.00	40.03 0.06 0.00	43.69 0.18 0.00
COBBLENY_34_KV_TB1 80064	23.02 -2.62 10.68	21.76 -2.15 9.61	24.25 -2.27 4.26	22.10 -2.03 2.90	23.31 -2.02 0.00	25.68 -2.44 0.27	27.48 -2.60 1.53	21.10 -2.08 8.62	27.16 -1.99 0.00	16.70 -1.62 8.59	17.88 -1.89 9.98	16.57 -1.92 11.16	17.89 -1.88 11.79	20.59 -1.94 11.21	19.25 -2.31 12.08	18.44 -2.32 12.19	23.34 -2.66 11.88	22.12 -2.62 12.59	24.53 -2.87 14.24	31.39 -2.83 5.73	39.99 -3.54 0.00
COFFEEN__115KV_TB3 355620	34.59 -1.73 0.00	31.83 -1.69 0.00	29.27 -1.52 0.00	25.76 -1.27 0.00	24.18 -1.15 0.00	27.38 -1.02 0.00	30.45 -1.16 0.00	30.21 -1.59 0.00	27.38 -1.77 0.00	25.37 -1.53 0.00	28.06 -1.69 0.00	28.08 -1.57 0.00	29.57 -1.99 0.00	31.65 -2.09 0.00	31.58 -2.06 0.00	30.52 -2.44 0.00	34.80 -3.08 0.00	34.37 -2.96 0.00	39.31 -2.32 0.00	38.58 -1.39 0.00	42.46 -1.06 0.00
COLDSPRG_115KV_BK1 355956	24.32 -2.10 9.90	22.94 -1.67 8.91	24.99 -1.85 3.95	22.73 -1.61 2.69	23.71 -1.62 0.00	26.29 -1.86 0.25	28.26 -1.92 1.42	22.38 -1.44 7.99	27.69 -1.46 0.00	17.82 -1.13 7.96	19.20 -1.37 9.17	17.94 -1.58 10.13	19.31 -1.55 10.70	22.03 -1.53 10.18	21.04 -1.63 10.97	20.04 -1.84 11.07	25.36 -1.73 10.78	24.29 -1.61 11.43	26.44 -2.03 13.16	32.78 -1.86 5.32	40.99 -2.54 0.00
COLONIE_LFGE__ 323577	37.59 1.27 0.00	34.60 1.08 0.00	31.88 1.09 0.00	28.00 0.97 0.00	26.35 1.02 0.00	29.49 1.09 0.00	32.77 1.17 0.00	32.81 1.00 0.00	30.04 0.89 0.00	27.70 0.79 0.00	30.61 0.86 0.00	30.52 0.87 0.00	32.40 0.84 0.00	34.60 0.86 0.00	34.51 0.87 0.00	33.89 0.94 0.00	39.05 1.18 0.00	38.46 1.13 0.00	42.83 1.20 0.00	41.06 1.10 0.00	44.75 1.22 0.00
COOPERNY_115KV_TB1 80082	37.59 1.27 0.00	34.62 1.10 0.00	31.78 0.99 0.00	27.92 0.89 0.00	26.11 0.78 0.00	29.22 0.81 0.00	32.49 0.88 0.00	32.68 0.87 0.00	30.02 0.87 0.00	27.77 0.86 0.00	30.72 0.98 0.00	30.67 1.01 0.00	32.72 1.16 0.00	35.05 1.32 0.00	35.12 1.49 0.00	34.60 1.65 0.00	39.77 1.90 0.00	39.25 1.92 0.00	43.72 2.09 0.00	41.84 1.88 0.00	45.45 1.92 0.00
COPENHAGEN_WT_PWR 323753	34.09 -2.23 0.00	31.36 -2.16 0.00	28.84 -1.95 0.00	25.39 -1.64 0.00	23.89 -1.44 0.00	27.10 -1.30 0.00	30.10 -1.50 0.00	29.85 -1.96 0.00	27.05 -2.10 0.00	25.13 -1.78 0.00	27.87 -1.87 0.00	27.88 -1.77 0.00	29.27 -2.29 0.00	31.27 -2.47 0.00	31.26 -2.38 0.00	30.21 -2.74 0.00	34.48 -3.39 0.00	33.95 -3.38 0.00	38.84 -2.80 0.00	38.20 -1.76 0.00	42.08 -1.45 0.00
CORNELL____ 23752	40.18 -0.18 -4.04	37.02 -0.14 -3.64	32.16 -0.24 -1.61	27.94 -0.19 -1.10	25.16 -0.18 0.00	28.27 -0.23 -0.10	31.93 -0.26 -0.58	34.87 -0.20 -3.26	28.81 -0.34 0.00	29.66 -0.50 -3.25	32.82 -0.71 -3.78	33.18 -0.70 -4.23	35.41 -0.62 -4.47	37.40 -0.59 -4.25	37.64 -0.58 -4.58	36.91 -0.67 -4.62	41.53 -0.84 -4.50	41.40 -0.70 -4.78	46.52 -0.48 -5.38	42.16 -0.01 -2.21	43.60 0.07 0.00

CORONA_69_KV_TB1 355595	39.11 2.79 0.00	35.84 2.31 0.00	32.86 2.08 0.00	28.83 1.80 0.00	26.92 1.58 0.00	30.09 1.69 0.00	33.48 1.88 0.00	33.61 1.81 0.00	31.02 1.87 0.00	28.72 1.81 0.00	31.90 2.16 0.00	31.85 2.20 0.00	34.06 2.50 0.00	36.59 2.85 -0.01	52.34 3.27 -15.43	36.29 3.32 -0.01	41.70 3.82 0.00	41.10 3.77 0.00	45.66 4.03 0.00	43.60 3.64 0.00	47.19 3.66 0.00
CORTLAND_115KV_TB3 80093	37.43 -0.24 -1.36	34.55 -0.19 -1.22	31.08 -0.26 -0.54	27.20 -0.20 -0.37	25.15 -0.19 0.00	28.20 -0.23 -0.03	31.54 -0.26 -0.19	32.68 -0.22 -1.09	28.83 -0.31 0.00	27.63 -0.37 -1.09	30.49 -0.52 -1.27	30.54 -0.53 -1.42	32.60 -0.47 -1.50	34.71 -0.45 -1.43	34.69 -0.49 -1.54	33.96 -0.54 -1.55	38.72 -0.66 -1.51	38.37 -0.56 -1.60	42.98 -0.45 -1.80	40.53 -0.17 -0.74	43.35 -0.18 0.00
COXSACKIE__GT 23611	38.44 2.12 0.00	35.39 1.87 0.00	32.54 1.75 0.00	28.58 1.55 0.00	26.85 1.52 0.00	30.04 1.63 0.00	33.38 1.78 0.00	33.55 1.74 0.00	30.77 1.62 0.00	28.04 1.14 0.00	31.00 1.26 0.00	30.85 1.19 0.00	32.73 1.17 0.00	35.06 1.32 0.00	34.98 1.34 0.00	34.36 1.40 0.00	39.99 2.12 0.00	39.31 1.98 0.00	43.69 2.06 0.00	42.32 2.36 0.00	46.30 2.77 0.00
CPV_VALLEY__CC1 323721	37.72 1.40 0.00	34.72 1.20 0.00	31.87 1.08 0.00	28.00 0.98 0.00	26.19 0.86 0.00	29.27 0.87 0.00	32.56 0.96 0.00	32.75 0.94 0.00	30.12 0.97 0.00	27.87 0.96 0.00	30.86 1.12 0.00	30.80 1.15 0.00	32.89 1.33 0.00	35.23 1.50 0.00	35.34 1.70 0.00	34.84 1.89 0.00	40.07 2.20 0.00	39.51 2.18 0.00	43.98 2.35 0.00	42.05 2.09 0.00	45.62 2.09 0.00
CPV_VALLEY__CC2 323722	37.72 1.40 0.00	34.72 1.20 0.00	31.87 1.08 0.00	28.00 0.98 0.00	26.19 0.86 0.00	29.27 0.87 0.00	32.56 0.96 0.00	32.75 0.94 0.00	30.12 0.97 0.00	27.87 0.96 0.00	30.86 1.12 0.00	30.80 1.15 0.00	32.89 1.33 0.00	35.23 1.50 0.00	35.34 1.70 0.00	34.84 1.89 0.00	40.07 2.20 0.00	39.51 2.18 0.00	43.98 2.35 0.00	42.05 2.09 0.00	45.62 2.09 0.00
CRESCENT__HYD 24018	37.59 1.27 0.00	34.60 1.08 0.00	31.88 1.09 0.00	28.00 0.97 0.00	26.35 1.02 0.00	29.49 1.09 0.00	32.77 1.17 0.00	32.81 1.00 0.00	30.04 0.89 0.00	27.70 0.79 0.00	30.61 0.86 0.00	30.52 0.87 0.00	32.40 0.84 0.00	34.60 0.86 0.00	34.51 0.87 0.00	33.89 0.94 0.00	39.05 1.18 0.00	38.46 1.13 0.00	42.83 1.20 0.00	41.06 1.10 0.00	44.75 1.22 0.00
CRICKET__VALLEY_CC1 323756	37.99 1.68 0.00	34.93 1.41 0.00	32.17 1.39 0.00	28.23 1.21 0.00	26.37 1.03 0.00	29.48 1.08 0.00	32.77 1.17 0.00	32.95 1.15 0.00	30.30 1.15 0.00	28.11 1.20 0.00	31.17 1.42 0.00	31.15 1.49 0.00	33.27 1.70 0.00	35.51 1.77 0.00	35.63 1.99 0.00	35.13 2.18 0.00	40.44 2.57 0.00	39.93 2.60 0.00	44.33 2.69 0.00	42.35 2.39 0.00	45.97 2.44 0.00
CRICKET__VALLEY_CC2 323757	37.99 1.68 0.00	34.93 1.41 0.00	32.17 1.39 0.00	28.23 1.21 0.00	26.37 1.03 0.00	29.48 1.08 0.00	32.77 1.17 0.00	32.95 1.15 0.00	30.30 1.15 0.00	28.11 1.20 0.00	31.17 1.42 0.00	31.15 1.49 0.00	33.27 1.70 0.00	35.51 1.77 0.00	35.63 1.99 0.00	35.13 2.18 0.00	40.44 2.57 0.00	39.93 2.60 0.00	44.33 2.69 0.00	42.35 2.39 0.00	45.97 2.44 0.00
CRICKET__VALLEY_CC3 323758	37.99 1.68 0.00	34.93 1.41 0.00	32.17 1.39 0.00	28.23 1.21 0.00	26.37 1.03 0.00	29.48 1.08 0.00	32.77 1.17 0.00	32.95 1.15 0.00	30.30 1.15 0.00	28.11 1.20 0.00	31.17 1.42 0.00	31.15 1.49 0.00	33.27 1.70 0.00	35.51 1.77 0.00	35.63 1.99 0.00	35.13 2.18 0.00	40.44 2.57 0.00	39.93 2.60 0.00	44.33 2.69 0.00	42.35 2.39 0.00	45.97 2.44 0.00
CRUCIBLE_METL_DRP 24180	35.85 -0.47 0.00	33.12 -0.41 0.00	30.35 -0.43 0.00	26.66 -0.37 0.00	24.97 -0.36 0.00	27.96 -0.45 0.00	31.11 -0.49 0.00	31.35 -0.46 0.00	28.65 -0.51 0.00	26.38 -0.52 0.00	29.13 -0.62 0.00	29.06 -0.59 0.00	31.02 -0.55 0.00	33.15 -0.59 0.00	32.99 -0.65 0.00	32.21 -0.74 0.00	36.92 -0.95 0.00	36.45 -0.88 0.00	40.78 -0.85 0.00	39.31 -0.65 0.00	42.78 -0.74 0.00
DAHOWA__HYDRO 323763	38.37 2.05 0.00	35.26 1.74 0.00	32.41 1.62 0.00	28.47 1.44 0.00	26.77 1.44 0.00	29.98 1.58 0.00	33.32 1.72 0.00	33.31 1.51 0.00	30.45 1.30 0.00	28.21 1.30 0.00	31.13 1.38 0.00	31.06 1.41 0.00	32.70 1.14 0.00	34.75 1.02 0.00	34.63 0.99 0.00	34.04 1.09 0.00	39.42 1.55 0.00	38.97 1.64 0.00	43.68 2.04 0.00	42.06 2.10 0.00	45.87 2.34 0.00
DANC__LFGE 323619	34.61 -1.71 0.00	31.91 -1.62 0.00	29.31 -1.48 0.00	25.77 -1.26 0.00	24.19 -1.14 0.00	27.31 -1.09 0.00	30.33 -1.27 0.00	30.27 -1.54 0.00	27.53 -1.61 0.00	25.50 -1.41 0.00	28.23 -1.52 0.00	28.19 -1.46 0.00	29.79 -1.77 0.00	31.83 -1.91 0.00	31.74 -1.89 0.00	30.80 -2.15 0.00	35.21 -2.67 0.00	34.68 -2.65 0.00	39.30 -2.33 0.00	38.36 -1.60 0.00	42.04 -1.49 0.00
DANSKAMMER__1 23586	38.58 2.26 0.00	35.48 1.96 0.00	32.57 1.78 0.00	28.59 1.57 0.00	26.73 1.40 0.00	29.87 1.47 0.00	33.21 1.61 0.00	33.42 1.62 0.00	30.74 1.59 0.00	28.47 1.56 0.00	31.54 1.79 0.00	31.50 1.85 0.00	33.65 2.08 0.00	36.07 2.33 0.00	36.24 2.60 0.00	35.74 2.79 0.00	41.14 3.27 0.00	40.61 3.28 0.00	45.18 3.55 0.00	43.19 3.23 0.00	46.84 3.31 0.00
DANSKAMMER__2 23589	38.58 2.26 0.00	35.48 1.96 0.00	32.57 1.78 0.00	28.59 1.57 0.00	26.73 1.40 0.00	29.87 1.47 0.00	33.21 1.61 0.00	33.42 1.62 0.00	30.74 1.59 0.00	28.47 1.56 0.00	31.54 1.79 0.00	31.50 1.85 0.00	33.65 2.08 0.00	36.07 2.33 0.00	36.24 2.60 0.00	35.74 2.79 0.00	41.14 3.27 0.00	40.61 3.28 0.00	45.18 3.55 0.00	43.19 3.23 0.00	46.84 3.31 0.00
DANSKAMMER__3 23590	38.58 2.26 0.00	35.48 1.96 0.00	32.57 1.78 0.00	28.59 1.57 0.00	26.73 1.40 0.00	29.87 1.47 0.00	33.21 1.61 0.00	33.42 1.62 0.00	30.74 1.59 0.00	28.47 1.56 0.00	31.54 1.79 0.00	31.50 1.85 0.00	33.65 2.08 0.00	36.07 2.33 0.00	36.24 2.60 0.00	35.74 2.79 0.00	41.14 3.27 0.00	40.61 3.28 0.00	45.18 3.55 0.00	43.19 3.23 0.00	46.84 3.31 0.00

DANSKAMMER___4 23591	38.58 2.26 0.00	35.48 1.96 0.00	32.57 1.78 0.00	28.59 1.57 0.00	26.73 1.40 0.00	29.87 1.47 0.00	33.21 1.61 0.00	33.42 1.62 0.00	30.74 1.59 0.00	28.47 1.56 0.00	31.54 1.79 0.00	31.50 1.85 0.00	33.65 2.08 0.00	36.07 2.33 0.00	36.24 2.60 0.00	35.74 2.79 0.00	41.14 3.27 0.00	40.61 3.28 0.00	45.18 3.55 0.00	43.19 3.23 0.00	46.84 3.31 0.00
DANSKAMMER___DIESEL 23592	38.59 2.27 0.00	35.49 1.97 0.00	32.58 1.79 0.00	28.59 1.57 0.00	26.73 1.40 0.00	29.88 1.48 0.00	33.22 1.61 0.00	33.43 1.62 0.00	30.74 1.59 0.00	28.47 1.57 0.00	31.54 1.80 0.00	31.50 1.85 0.00	33.65 2.08 0.00	36.07 2.34 0.00	36.24 2.61 0.00	35.76 2.81 0.00	41.15 3.28 0.00	40.61 3.28 0.00	45.18 3.55 0.00	43.19 3.24 0.00	46.84 3.31 0.00
DARBY___SOLAR 323810	38.19 1.87 0.00	35.12 1.60 0.00	32.29 1.50 0.00	28.36 1.33 0.00	26.68 1.34 0.00	29.87 1.47 0.00	33.19 1.59 0.00	33.19 1.38 0.00	30.35 1.21 0.00	28.07 1.17 0.00	30.98 1.24 0.00	30.90 1.26 0.00	32.60 1.04 0.00	34.68 0.95 0.00	34.59 0.95 0.00	33.96 1.01 0.00	39.29 1.42 0.00	38.84 1.51 0.00	43.48 1.85 0.00	41.85 1.89 0.00	45.61 2.09 0.00
DASHVILLE___HYD 23610	38.46 2.14 0.00	35.36 1.84 0.00	32.47 1.68 0.00	28.50 1.47 0.00	26.63 1.30 0.00	29.76 1.35 0.00	33.09 1.49 0.00	33.30 1.49 0.00	30.65 1.50 0.00	28.37 1.47 0.00	31.46 1.72 0.00	31.44 1.79 0.00	33.58 2.01 0.00	36.02 2.28 0.00	36.19 2.55 0.00	35.74 2.79 0.00	41.12 3.25 0.00	40.53 3.20 0.00	45.09 3.46 0.00	43.07 3.12 0.00	46.71 3.18 0.00
DELAWARE___LFGE 323621	36.92 0.60 0.00	34.11 0.59 0.00	31.29 0.49 0.00	27.52 0.49 0.00	25.77 0.44 0.00	28.86 0.46 0.00	32.06 0.46 0.00	32.31 0.51 0.00	29.68 0.53 0.00	27.35 0.44 0.00	30.19 0.44 0.00	30.10 0.45 0.00	32.10 0.54 0.00	34.35 0.61 0.00	34.31 0.67 0.00	33.67 0.72 0.00	38.70 0.83 0.00	38.19 0.86 0.00	42.64 1.00 0.00	40.97 1.01 0.00	44.58 1.05 0.00
DERFIELD_115KV_TB7 355931	36.42 0.10 0.00	33.60 0.08 0.00	30.87 0.09 0.00	27.11 0.08 0.00	25.42 0.09 0.00	28.49 0.09 0.00	31.69 0.08 0.00	31.86 0.05 0.00	29.18 0.03 0.00	26.93 0.03 0.00	29.77 0.03 0.00	29.67 0.02 0.00	31.58 0.02 0.00	33.76 0.03 0.00	33.67 0.03 0.00	33.00 0.04 0.00	37.94 0.07 0.00	37.37 0.04 0.00	41.69 0.05 0.00	40.03 0.07 0.00	43.62 0.09 0.00
DOGLEVILLE___HYD 23807	36.48 0.16 0.00	33.55 0.03 0.00	30.88 0.09 0.00	27.16 0.13 0.00	25.60 0.27 0.00	28.68 0.27 0.00	31.80 0.20 0.00	31.65 -0.16 0.00	28.74 -0.41 0.00	26.57 -0.34 0.00	29.10 -0.64 0.00	28.94 -0.71 0.00	30.59 -0.97 0.00	32.74 -0.99 0.00	32.80 -0.84 0.00	32.19 -0.76 0.00	37.30 -0.58 0.00	36.83 -0.50 0.00	41.26 -0.37 0.00	40.12 0.16 0.00	44.09 0.56 0.00
DUNKIRK___115KV_TB_200 55889	22.53 -2.65 11.13	21.36 -2.14 10.02	24.08 -2.26 4.44	22.03 -1.98 3.02	23.39 -1.94 0.00	25.86 -2.26 0.29	27.62 -2.39 1.60	20.91 -1.91 8.98	27.28 -1.87 0.00	16.40 -1.56 8.95	17.37 -1.95 10.43	15.79 -2.14 11.72	17.07 -2.11 12.38	19.76 -2.19 11.78	18.61 -2.34 12.69	17.67 -2.47 12.81	22.82 -2.57 12.48	21.60 -2.49 13.23	24.06 -2.72 14.85	31.49 -2.49 5.98	40.37 -3.15 0.00
DUNKIRK___1 23563	22.53 -2.65 11.13	21.36 -2.14 10.02	24.08 -2.26 4.44	22.03 -1.98 3.02	23.39 -1.94 0.00	25.86 -2.26 0.29	27.62 -2.39 1.60	20.91 -1.91 8.98	27.28 -1.87 0.00	16.40 -1.56 8.95	17.37 -1.95 10.43	15.79 -2.14 11.72	17.07 -2.11 12.38	19.76 -2.19 11.78	18.61 -2.34 12.69	17.67 -2.47 12.81	22.82 -2.57 12.48	21.60 -2.49 13.23	24.06 -2.72 14.85	31.49 -2.49 5.98	40.37 -3.15 0.00
DUNKIRK___2 23564	22.53 -2.65 11.13	21.36 -2.14 10.02	24.08 -2.26 4.44	22.03 -1.98 3.02	23.39 -1.94 0.00	25.86 -2.26 0.29	27.62 -2.39 1.60	20.91 -1.91 8.98	27.28 -1.87 0.00	16.40 -1.56 8.95	17.37 -1.95 10.43	15.79 -2.14 11.72	17.07 -2.11 12.38	19.76 -2.19 11.78	18.61 -2.34 12.69	17.67 -2.47 12.81	22.82 -2.57 12.48	21.60 -2.49 13.23	24.06 -2.72 14.85	31.49 -2.49 5.98	40.37 -3.15 0.00
DUNKIRK___3 23565	22.24 -2.72 11.36	21.10 -2.20 10.22	23.92 -2.33 4.53	21.90 -2.05 3.08	23.31 -2.02 0.00	25.74 -2.37 0.29	27.46 -2.51 1.63	20.62 -2.03 9.16	27.18 -1.97 0.00	16.15 -1.62 9.13	17.14 -1.98 10.63	15.61 -2.12 11.92	16.88 -2.09 12.59	19.59 -2.16 11.98	18.36 -2.38 12.90	17.47 -2.46 13.03	22.52 -2.66 12.69	21.26 -2.61 13.46	23.62 -2.87 15.14	31.16 -2.70 6.10	40.11 -3.41 0.00
DUNKIRK___4 23566	22.24 -2.72 11.36	21.10 -2.20 10.22	23.92 -2.33 4.53	21.90 -2.05 3.08	23.31 -2.02 0.00	25.74 -2.37 0.29	27.46 -2.51 1.63	20.62 -2.03 9.16	27.18 -1.97 0.00	16.15 -1.62 9.13	17.14 -1.98 10.63	15.61 -2.12 11.92	16.88 -2.09 12.59	19.59 -2.16 11.98	18.36 -2.38 12.90	17.47 -2.46 13.03	22.52 -2.66 12.69	21.26 -2.61 13.46	23.62 -2.87 15.14	31.16 -2.70 6.10	40.11 -3.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.56 2.24 0.00	35.45 1.92 0.00	32.55 1.76 0.00	28.57 1.54 0.00	26.70 1.36 0.00	29.84 1.44 0.00	33.18 1.58 0.00	33.38 1.57 0.00	30.77 1.62 0.00	28.51 1.61 0.00	31.63 1.88 0.00	31.58 1.93 0.00	33.71 2.15 0.00	36.12 2.38 0.00	36.30 2.66 0.00	35.82 2.86 0.00	41.21 3.34 0.00	40.63 3.29 0.00	45.14 3.51 0.00	43.11 3.15 0.00	46.71 3.18 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.28 1.96 0.00	35.22 1.70 0.00	32.32 1.53 0.00	28.38 1.35 0.00	26.52 1.19 0.00	29.65 1.24 0.00	32.97 1.36 0.00	33.17 1.36 0.00	30.50 1.35 0.00	28.23 1.33 0.00	31.26 1.52 0.00	31.21 1.56 0.00	33.34 1.78 0.00	35.75 2.01 0.00	35.89 2.26 0.00	35.42 2.46 0.00	40.73 2.87 0.00	40.21 2.88 0.00	44.76 3.13 0.00	42.81 2.85 0.00	46.45 2.92 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	38.64 2.32 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.64 1.62 0.00	26.75 1.42 0.00	29.89 1.49 0.00	33.22 1.62 0.00	33.45 1.64 0.00	30.88 1.73 0.00	28.60 1.70 0.00	31.69 1.95 0.00	31.66 2.02 0.00	33.75 2.18 0.00	36.20 2.47 0.00	36.39 2.75 0.00	35.94 2.98 0.00	41.31 3.44 0.00	40.72 3.39 0.00	45.26 3.62 0.00	43.22 3.26 0.00	46.89 3.37 0.00

E179THST_13_KV_LOAD 356214	38.83 2.51 0.00	35.69 2.17 0.00	32.79 2.00 0.00	28.77 1.74 0.00	26.87 1.54 0.00	30.01 1.61 0.00	33.37 1.77 0.00	33.59 1.79 0.00	31.01 1.86 0.00	28.73 1.83 0.00	31.84 2.10 0.00	31.82 2.16 0.00	33.91 2.34 0.00	36.39 2.65 0.00	36.58 2.94 0.00	36.11 3.16 0.00	41.52 3.65 0.00	40.94 3.61 0.00	45.47 3.84 0.00	43.42 3.46 0.00	47.15 3.62 0.00
EAST HAMPTON___GT 23717	39.05 2.73 0.00	35.68 2.15 0.00	32.64 1.85 0.00	28.63 1.60 0.00	26.72 1.39 0.00	29.84 1.43 0.00	33.19 1.59 0.00	33.11 1.30 0.00	30.93 1.78 0.00	28.52 1.61 0.00	31.65 1.91 0.00	31.61 1.96 0.00	33.76 2.20 0.00	36.22 2.49 0.00	36.02 2.96 0.58	36.25 3.30 0.00	41.83 3.96 0.00	41.13 3.79 0.00	45.72 4.09 0.00	43.94 3.98 0.00	48.02 4.49 0.00
EAST RIVER___6 23660	38.80 2.48 0.00	35.63 2.11 0.00	32.72 1.93 0.00	28.74 1.71 0.00	26.82 1.49 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.56 1.75 0.00	30.97 1.82 0.00	28.72 1.81 0.00	31.87 2.13 0.00	31.83 2.18 0.00	33.97 2.40 0.00	36.39 2.65 0.00	36.62 2.98 0.00	36.12 3.17 0.00	41.60 3.73 0.00	40.99 3.66 0.00	45.55 3.92 0.00	43.47 3.51 0.00	47.10 3.58 0.00
EAST RIVER___7 23524	38.80 2.48 0.00	35.63 2.11 0.00	32.72 1.93 0.00	28.74 1.71 0.00	26.82 1.49 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.56 1.75 0.00	30.97 1.82 0.00	28.72 1.81 0.00	31.87 2.13 0.00	31.83 2.18 0.00	33.97 2.40 0.00	36.39 2.65 0.00	36.62 2.98 0.00	36.12 3.17 0.00	41.60 3.73 0.00	40.99 3.66 0.00	45.55 3.92 0.00	43.47 3.51 0.00	47.10 3.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.48 2.16 0.00	35.37 1.85 0.00	32.48 1.69 0.00	28.52 1.49 0.00	26.65 1.31 0.00	29.78 1.38 0.00	33.12 1.52 0.00	33.32 1.52 0.00	30.70 1.55 0.00	28.44 1.54 0.00	31.54 1.80 0.00	31.49 1.84 0.00	33.62 2.06 0.00	36.04 2.30 0.00	36.20 2.56 0.00	35.72 2.77 0.00	41.10 3.23 0.00	40.52 3.19 0.00	45.04 3.40 0.00	43.01 3.05 0.00	46.62 3.09 0.00
EAST_HAMPTON___DIESEL 23722	39.00 2.68 0.00	35.62 2.10 0.00	32.59 1.80 0.00	28.60 1.57 0.00	26.69 1.35 0.00	29.79 1.39 0.00	33.14 1.54 0.00	33.05 1.24 0.00	30.89 1.74 0.00	28.47 1.56 0.00	31.61 1.87 0.00	31.58 1.93 0.00	33.72 2.15 0.00	36.17 2.43 0.00	35.97 2.91 0.58	36.19 3.24 0.00	41.77 3.90 0.00	41.06 3.73 0.00	45.65 4.02 0.00	43.89 3.93 0.00	47.98 4.45 0.00
EAST_POINT___SOLAR 323840	37.96 1.65 0.00	35.04 1.52 0.00	32.10 1.31 0.00	28.16 1.14 0.00	26.39 1.06 0.00	29.59 1.19 0.00	32.96 1.36 0.00	33.01 1.21 0.00	29.84 0.70 0.00	27.61 0.70 0.00	29.95 0.21 0.00	29.49 -0.16 0.00	31.35 -0.21 0.00	33.55 -0.18 0.00	33.55 -0.09 0.00	32.93 -0.02 0.00	37.60 -0.27 0.00	37.18 -0.15 0.00	41.38 -0.25 0.00	41.00 1.04 0.00	45.60 2.08 0.00
EAST_PULASKI___ESR 323781	35.18 -1.14 0.00	32.47 -1.05 0.00	29.78 -1.01 0.00	26.17 -0.86 0.00	24.53 -0.80 0.00	27.56 -0.84 0.00	30.63 -0.97 0.00	30.73 -1.07 0.00	28.06 -1.09 0.00	25.91 -1.00 0.00	28.63 -1.11 0.00	28.57 -1.08 0.00	30.36 -1.20 0.00	32.43 -1.31 0.00	32.28 -1.36 0.00	31.45 -1.50 0.00	35.97 -1.90 0.00	35.49 -1.84 0.00	39.87 -1.78 -0.01	38.59 -1.37 0.00	42.13 -1.40 0.00
EAST_RIVER___1 323558	38.70 2.39 0.00	35.56 2.04 0.00	32.66 1.87 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.28 1.67 0.00	33.50 1.69 0.00	30.92 1.77 0.00	28.66 1.75 0.00	31.79 2.04 0.00	31.74 2.09 0.00	33.88 2.32 0.00	36.30 2.57 0.00	36.50 2.86 0.00	36.02 3.07 0.00	41.47 3.60 0.00	40.86 3.53 0.00	45.41 3.78 0.00	43.35 3.40 0.00	46.97 3.44 0.00
EAST_RIVER___2 323559	38.80 2.48 0.00	35.63 2.11 0.00	32.72 1.93 0.00	28.74 1.71 0.00	26.82 1.49 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.56 1.75 0.00	30.97 1.82 0.00	28.72 1.81 0.00	31.87 2.13 0.00	31.83 2.18 0.00	33.97 2.40 0.00	36.39 2.65 0.00	36.62 2.98 0.00	36.12 3.17 0.00	41.60 3.73 0.00	40.99 3.66 0.00	45.55 3.92 0.00	43.47 3.51 0.00	47.10 3.58 0.00
EAST___DELAWARE_HYD 23607	37.37 1.05 0.00	34.35 0.83 0.00	31.51 0.72 0.00	27.68 0.65 0.00	25.87 0.54 0.00	28.92 0.52 0.00	32.17 0.56 0.00	32.37 0.56 0.00	29.73 0.58 0.00	27.50 0.59 0.00	30.38 0.63 0.00	30.32 0.66 0.00	32.39 0.83 0.00	34.66 0.93 0.00	34.12 0.48 0.00	33.70 0.75 0.00	38.78 0.91 0.00	38.39 1.06 0.00	42.87 1.24 0.00	41.15 1.18 0.00	45.50 1.97 0.00
EIGHT_POINT___WT_PWR 323820	74.48 -3.60 -41.76	67.73 -3.38 -37.59	44.29 -3.17 -16.67	35.75 -2.62 -11.34	22.87 -2.48 -0.02	26.59 -2.89 -1.07	34.65 -2.94 -5.98	63.09 -2.41 -33.69	26.70 -2.46 -0.01	57.75 -2.72 -33.56	65.37 -3.40 -39.03	69.88 -3.46 -43.69	74.45 -3.26 -46.14	74.51 -3.13 -43.91	77.57 -3.36 -47.29	77.70 -3.00 -47.74	80.94 -3.43 -46.50	83.60 -3.04 -49.31	94.51 -2.69 -55.57	61.01 -1.45 -22.51	41.94 -1.59 0.00
ELBRIDGE_115KV_TB2 80188	35.67 -0.65 0.00	32.97 -0.56 0.00	30.22 -0.57 0.00	26.54 -0.49 0.00	24.86 -0.47 0.00	27.80 -0.60 0.00	30.94 -0.66 0.00	31.20 -0.61 0.00	28.50 -0.64 0.00	26.25 -0.66 0.00	28.96 -0.78 0.00	28.89 -0.76 0.00	30.87 -0.69 0.00	32.96 -0.78 0.00	32.84 -0.80 0.00	32.04 -0.92 0.00	36.73 -1.14 0.00	36.26 -1.07 0.00	40.52 -1.11 0.00	39.10 -0.86 0.00	42.57 -0.96 0.00
ELEC_TRO_TEK 24086	38.93 2.61 0.00	35.66 2.14 0.00	32.71 1.92 0.00	28.69 1.66 0.00	26.80 1.47 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.46 1.65 0.00	30.89 1.74 0.00	28.60 1.69 0.00	31.76 2.01 0.00	31.69 2.04 0.00	33.88 2.32 0.00	36.39 2.65 0.00	43.81 3.07 -7.10	36.06 3.10 0.00	41.44 3.57 0.00	40.83 3.50 0.00	45.36 3.73 0.00	43.31 3.35 0.00	46.89 3.36 0.00
ELLENBURG_WT_PWR 323604	35.71 -0.61 0.00	32.87 -0.65 0.00	30.27 -0.52 0.00	26.51 -0.52 0.00	24.84 -0.50 0.00	27.93 -0.47 0.00	31.12 -0.49 0.00	31.38 -0.42 0.00	28.92 -0.23 0.00	26.72 -0.18 0.00	29.59 -0.15 0.00	29.46 -0.19 0.00	31.27 -0.29 0.00	33.38 -0.36 0.00	33.25 -0.39 0.00	32.58 -0.38 0.00	37.61 -0.26 0.00	37.14 -0.19 0.00	41.38 -0.26 0.00	39.53 -0.43 0.00	43.17 -0.35 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.08 -2.83 11.41	20.93 -2.32 10.27	23.82 -2.41 4.55	21.77 -2.16 3.10	23.17 -2.16 0.00	25.50 -2.61 0.29	27.18 -2.79 1.64	20.35 -2.25 9.20	27.03 -2.12 0.00	15.99 -1.75 9.17	17.05 -2.03 10.66	15.64 -2.06 11.94	16.88 -2.07 12.62	19.60 -2.13 12.01	18.18 -2.53 12.93	17.34 -2.56 13.05	22.21 -2.95 12.71	20.92 -2.93 13.48	23.16 -3.27 15.20	30.59 -3.25 6.12	39.55 -3.97 0.00
EMPIRE_CC_1 323656	37.40 1.08 0.00	34.44 0.92 0.00	31.76 0.97 0.00	27.91 0.88 0.00	26.26 0.93 0.00	29.37 0.97 0.00	32.65 1.05 0.00	32.70 0.89 0.00	29.96 0.81 0.00	27.59 0.68 0.00	30.48 0.73 0.00	30.40 0.75 0.00	32.33 0.76 0.00	34.56 0.83 0.00	34.46 0.82 0.00	33.75 0.79 0.00	38.68 0.81 0.00	37.94 0.62 0.00	42.18 0.54 0.00	40.38 0.42 0.00	44.01 0.49 0.00
EMPIRE_CC_2 323658	37.40 1.08 0.00	34.44 0.92 0.00	31.76 0.97 0.00	27.91 0.88 0.00	26.26 0.93 0.00	29.37 0.97 0.00	32.65 1.05 0.00	32.70 0.89 0.00	29.96 0.81 0.00	27.59 0.68 0.00	30.48 0.73 0.00	30.40 0.75 0.00	32.33 0.76 0.00	34.56 0.83 0.00	34.46 0.82 0.00	33.75 0.79 0.00	38.68 0.81 0.00	37.94 0.62 0.00	42.18 0.54 0.00	40.38 0.42 0.00	44.01 0.49 0.00
ENORWICH_115KV_TB1 80156	38.49 0.30 -1.88	35.41 0.19 -1.69	31.44 -0.10 -0.75	27.47 -0.07 -0.51	25.38 0.04 0.00	28.61 0.16 -0.05	32.06 0.19 -0.27	33.67 0.35 -1.52	29.26 0.11 0.00	28.28 -0.14 -1.51	30.82 -0.69 -1.76	30.86 -0.75 -1.97	33.03 -0.61 -2.08	35.19 -0.52 -1.98	35.46 -0.32 -2.13	34.56 -0.54 -2.15	39.27 -0.70 -2.09	39.33 -0.23 -2.22	44.50 0.37 -2.50	42.53 1.55 -1.02	45.55 2.02 0.00
ERIE_ST__34_KV_TB1-2 80199	23.36 -2.54 10.42	22.08 -2.07 9.38	24.40 -2.24 4.16	22.20 -2.00 2.83	23.29 -2.04 0.00	25.71 -2.43 0.27	27.53 -2.58 1.49	21.35 -2.05 8.41	27.15 -2.00 0.00	16.96 -1.57 8.37	18.20 -1.81 9.73	16.93 -1.82 10.90	18.28 -1.77 11.51	20.95 -1.84 10.95	19.63 -2.21 11.80	18.81 -2.23 11.91	23.74 -2.53 11.60	22.55 -2.48 12.30	25.00 -2.75 13.88	31.61 -2.76 5.59	39.91 -3.62 0.00
ERIE_WT_PWR 323693	22.34 -2.67 11.31	21.17 -2.18 10.18	23.97 -2.30 4.51	21.88 -2.07 3.07	23.25 -2.08 0.00	25.61 -2.51 0.29	27.29 -2.69 1.62	20.55 -2.13 9.12	27.09 -2.06 0.00	16.14 -1.68 9.09	17.21 -1.97 10.57	15.83 -1.98 11.84	17.10 -1.96 12.50	19.82 -2.02 11.90	18.42 -2.40 12.81	17.65 -2.37 12.93	22.50 -2.78 12.60	21.25 -2.72 13.36	23.56 -3.00 15.07	30.92 -2.97 6.07	39.81 -3.71 0.00
ESPRGFLD_115KV_TB1 80157	37.13 0.81 0.00	34.33 0.81 0.00	31.42 0.63 0.00	27.58 0.55 0.00	25.82 0.48 0.00	28.94 0.53 0.00	32.22 0.62 0.00	32.53 0.72 0.00	29.82 0.67 0.00	27.46 0.56 0.00	30.24 0.50 0.00	30.09 0.44 0.00	32.05 0.49 0.00	34.33 0.60 0.00	34.25 0.61 0.00	33.49 0.54 0.00	38.40 0.53 0.00	37.82 0.49 0.00	42.46 0.83 0.00	41.12 1.16 0.00	45.04 1.52 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.45 -0.22 -3.35	36.38 -0.16 -3.02	31.88 -0.25 -1.34	27.74 -0.20 -0.91	25.14 -0.19 0.00	28.24 -0.24 -0.09	31.82 -0.27 -0.48	34.31 -0.20 -2.70	28.80 -0.35 0.00	29.11 -0.49 -2.69	32.19 -0.69 -3.13	32.46 -0.70 -3.51	34.66 -0.61 -3.71	36.67 -0.59 -3.53	36.85 -0.58 -3.80	36.12 -0.67 -3.83	40.76 -0.84 -3.74	40.59 -0.71 -3.96	45.59 -0.51 -4.46	41.74 -0.05 -1.83	43.52 -0.01 0.00
ETNA_____115KV_TB2 80207	39.45 -0.22 -3.35	36.38 -0.16 -3.02	31.88 -0.25 -1.34	27.74 -0.20 -0.91	25.14 -0.19 0.00	28.24 -0.24 -0.09	31.82 -0.27 -0.48	34.31 -0.20 -2.70	28.80 -0.35 0.00	29.11 -0.49 -2.69	32.19 -0.69 -3.13	32.46 -0.70 -3.51	34.66 -0.61 -3.71	36.67 -0.59 -3.53	36.85 -0.58 -3.80	36.12 -0.67 -3.83	40.76 -0.84 -3.74	40.59 -0.71 -3.96	45.59 -0.51 -4.46	41.74 -0.05 -1.83	43.52 -0.01 0.00
EUCLID___115KV_TB2 356179	35.51 -0.81 0.00	32.80 -0.72 0.00	30.08 -0.71 0.00	26.42 -0.61 0.00	24.74 -0.59 0.00	27.71 -0.69 0.00	30.83 -0.78 0.00	31.07 -0.74 0.00	28.43 -0.72 0.00	26.22 -0.69 0.00	28.97 -0.77 0.00	28.89 -0.76 0.00	30.81 -0.76 0.00	32.94 -0.80 0.00	32.76 -0.88 0.00	31.99 -0.96 0.00	36.66 -1.21 0.00	36.17 -1.16 0.00	40.39 -1.23 0.01	38.88 -1.08 0.00	42.31 -1.22 0.00
E_CANADA_CAP_HY 24051	37.55 1.23 0.00	34.71 1.19 0.00	31.77 0.99 0.00	27.88 0.85 0.00	26.10 0.77 0.00	29.26 0.86 0.00	32.61 1.01 0.00	32.81 1.00 0.00	29.97 0.82 0.00	27.64 0.74 0.00	30.35 0.60 0.00	30.14 0.49 0.00	31.99 0.43 0.00	34.25 0.51 0.00	34.13 0.48 0.00	33.37 0.41 0.00	38.26 0.39 0.00	37.59 0.27 0.00	42.24 0.60 0.00	41.10 1.14 0.00	45.30 1.77 0.00
E_CANADA_MHWK_HY 24050	36.48 0.16 0.00	33.55 0.03 0.00	30.88 0.09 0.00	27.16 0.13 0.00	25.60 0.27 0.00	28.68 0.27 0.00	31.80 0.20 0.00	31.65 -0.16 0.00	28.74 -0.41 0.00	26.57 -0.34 0.00	29.10 -0.64 0.00	28.94 -0.72 0.00	30.59 -0.97 0.00	32.74 -0.99 0.00	32.79 -0.85 0.00	32.19 -0.76 0.00	37.30 -0.57 0.00	36.84 -0.49 0.00	41.26 -0.37 0.00	40.12 0.16 0.00	44.08 0.56 0.00
E_FISHKILL___LBMP 23776	38.20 1.88 0.00	35.15 1.63 0.00	32.29 1.50 0.00	28.36 1.32 0.00	26.50 1.17 0.00	29.63 1.23 0.00	32.94 1.34 0.00	33.13 1.32 0.00	30.48 1.34 0.00	28.23 1.33 0.00	31.31 1.56 0.00	31.26 1.61 0.00	33.37 1.81 0.00	35.72 1.98 0.00	35.86 2.22 0.00	35.36 2.41 0.00	40.70 2.83 0.00	40.13 2.80 0.00	44.60 2.97 0.00	42.61 2.66 0.00	46.23 2.70 0.00
FALCON___SEABRD_CC1 323796	36.14 -0.18 0.00	33.19 -0.34 0.00	30.57 -0.22 0.00	26.76 -0.27 0.00	25.08 -0.25 0.00	28.22 -0.18 0.00	31.41 -0.19 0.00	31.66 -0.14 0.00	29.21 0.06 0.00	27.01 0.11 0.00	29.89 0.14 0.00	29.72 0.07 0.00	31.57 0.01 0.00	33.70 -0.04 0.00	33.58 -0.06 0.00	32.92 -0.03 0.00	38.04 0.17 0.00	37.55 0.22 0.00	41.80 0.17 0.00	40.03 0.07 0.00	43.66 0.13 0.00
FALCON___SEABRD_CC2 323797	36.14 -0.18 0.00	33.19 -0.34 0.00	30.57 -0.22 0.00	26.76 -0.27 0.00	25.08 -0.25 0.00	28.22 -0.18 0.00	31.41 -0.19 0.00	31.66 -0.14 0.00	29.21 0.06 0.00	27.01 0.11 0.00	29.89 0.14 0.00	29.72 0.07 0.00	31.57 0.01 0.00	33.70 -0.04 0.00	33.58 -0.06 0.00	32.92 -0.03 0.00	38.04 0.17 0.00	37.55 0.22 0.00	41.80 0.17 0.00	40.03 0.07 0.00	43.66 0.13 0.00

FAR ROCKAWAY___4 23548	39.48 3.16 0.00	36.16 2.64 0.00	33.15 2.36 0.00	29.07 2.04 0.00	27.14 1.81 0.00	30.33 1.93 0.00	33.74 2.14 0.00	33.90 2.10 0.00	31.30 2.15 0.00	28.96 2.05 0.00	32.20 2.45 0.00	32.15 2.50 0.00	34.40 2.83 0.00	36.98 3.24 -0.01	54.66 3.67 -17.35	36.67 3.71 -0.01	42.15 4.28 0.00	41.56 4.23 0.00	46.19 4.56 0.00	44.09 4.13 0.00	47.71 4.18 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.73 2.41 0.00	35.58 2.06 0.00	32.68 1.89 0.00	28.69 1.66 0.00	26.81 1.48 0.00	29.95 1.55 0.00	33.30 1.70 0.00	33.52 1.72 0.00	30.93 1.79 0.00	28.68 1.77 0.00	31.81 2.07 0.00	31.76 2.11 0.00	33.90 2.34 0.00	36.33 2.59 0.00	36.52 2.88 0.00	36.05 3.10 0.00	41.48 3.61 0.00	40.89 3.56 0.00	45.44 3.80 0.00	43.37 3.41 0.00	47.02 3.49 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.73 2.41 0.00	35.59 2.07 0.00	32.69 1.90 0.00	28.69 1.66 0.00	26.81 1.48 0.00	29.95 1.55 0.00	33.30 1.70 0.00	33.52 1.71 0.00	30.93 1.78 0.00	28.67 1.77 0.00	31.80 2.06 0.00	31.76 2.11 0.00	33.90 2.34 0.00	36.32 2.58 0.00	36.52 2.88 0.00	36.05 3.10 0.00	41.48 3.61 0.00	40.88 3.55 0.00	45.43 3.80 0.00	43.37 3.41 0.00	47.02 3.49 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.70 2.38 0.00	35.56 2.04 0.00	32.66 1.87 0.00	28.67 1.65 0.00	26.79 1.45 0.00	29.93 1.53 0.00	33.28 1.68 0.00	33.50 1.69 0.00	30.91 1.76 0.00	28.66 1.75 0.00	31.79 2.04 0.00	31.74 2.09 0.00	33.87 2.31 0.00	36.30 2.56 0.00	36.49 2.85 0.00	36.02 3.06 0.00	41.44 3.58 0.00	40.85 3.52 0.00	45.39 3.76 0.00	43.34 3.38 0.00	46.97 3.44 0.00
FARRAGUT___LBMP 323566	38.68 2.36 0.00	35.54 2.02 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.77 1.44 0.00	29.91 1.51 0.00	33.26 1.66 0.00	33.49 1.68 0.00	30.89 1.74 0.00	28.63 1.73 0.00	31.76 2.02 0.00	31.72 2.07 0.00	33.85 2.29 0.00	36.27 2.53 0.00	36.46 2.83 0.00	35.99 3.04 0.00	41.42 3.55 0.00	40.82 3.49 0.00	45.36 3.73 0.00	43.31 3.35 0.00	46.93 3.40 0.00
FARRCKWY_69_KV_BK2 55825	39.48 3.16 0.00	36.16 2.64 0.00	33.15 2.36 0.00	29.07 2.04 0.00	27.14 1.81 0.00	30.33 1.93 0.00	33.74 2.14 0.00	33.90 2.10 0.00	31.30 2.15 0.00	28.96 2.05 0.00	32.20 2.45 0.00	32.15 2.50 0.00	34.40 2.83 0.00	36.98 3.24 -0.01	54.66 3.67 -17.35	36.67 3.71 -0.01	42.15 4.28 0.00	41.56 4.23 0.00	46.19 4.56 0.00	44.09 4.13 0.00	47.71 4.18 0.00
FENNER___WINDPWR 24204	36.31 -0.01 0.00	33.50 -0.02 0.00	30.73 -0.06 0.00	27.00 -0.02 0.00	25.32 -0.01 0.00	28.40 0.00 0.00	31.60 0.00 0.00	31.81 0.01 0.00	29.02 -0.12 0.00	26.81 -0.10 0.00	29.51 -0.23 0.00	29.34 -0.32 0.00	31.26 -0.30 0.00	33.43 -0.31 0.00	33.31 -0.33 0.00	32.58 -0.38 0.00	37.46 -0.41 0.00	37.03 -0.31 0.00	41.53 -0.09 0.00	40.13 0.17 0.00	43.83 0.30 0.00
FIBERTEK___ENERGY 23856	35.85 -0.47 0.00	33.12 -0.41 0.00	30.35 -0.43 0.00	26.66 -0.37 0.00	24.97 -0.36 0.00	27.96 -0.45 0.00	31.11 -0.49 0.00	31.35 -0.46 0.00	28.65 -0.51 0.00	26.38 -0.52 0.00	29.13 -0.62 0.00	29.06 -0.59 0.00	31.02 -0.55 0.00	33.15 -0.59 0.00	32.99 -0.65 0.00	32.21 -0.74 0.00	36.92 -0.95 0.00	36.45 -0.88 0.00	40.78 -0.85 0.00	39.31 -0.65 0.00	42.78 -0.74 0.00
FITZPATRICK___ 23598	35.14 -1.18 0.00	32.47 -1.06 0.00	29.78 -1.01 0.00	26.15 -0.88 0.00	24.50 -0.83 0.00	27.43 -0.97 0.00	30.53 -1.07 0.00	30.75 -1.06 0.00	28.16 -0.99 0.00	25.98 -0.93 0.00	28.71 -1.04 0.00	28.62 -1.03 0.00	30.50 -1.07 0.00	32.59 -1.14 0.00	32.43 -1.21 0.00	31.65 -1.30 0.00	36.23 -1.64 0.00	35.74 -1.59 0.00	39.89 -1.75 0.00	38.35 -1.61 0.00	41.74 -1.79 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.66 2.34 0.00	35.55 2.03 0.00	32.64 1.85 0.00	28.65 1.62 0.00	26.77 1.44 0.00	29.93 1.53 0.00	33.28 1.68 0.00	33.49 1.68 0.00	30.79 1.65 0.00	28.53 1.62 0.00	31.61 1.87 0.00	31.56 1.91 0.00	33.72 2.15 0.00	36.15 2.42 0.00	36.32 2.68 0.00	35.83 2.88 0.00	41.24 3.37 0.00	40.71 3.38 0.00	45.30 3.66 0.00	43.29 3.33 0.00	46.93 3.40 0.00
FORT ORANGE___ 23900	37.22 0.91 0.00	34.31 0.79 0.00	31.60 0.81 0.00	27.77 0.74 0.00	26.09 0.75 0.00	29.19 0.78 0.00	32.42 0.82 0.00	32.51 0.70 0.00	29.80 0.65 0.00	27.45 0.54 0.00	30.33 0.59 0.00	30.22 0.57 0.00	32.12 0.56 0.00	34.35 0.61 0.00	34.29 0.65 0.00	33.67 0.71 0.00	38.78 0.91 0.00	38.18 0.85 0.00	42.47 0.83 0.00	40.79 0.83 0.00	44.49 0.96 0.00
FORT_DRUM_COGEN 23780	34.46 -1.86 0.00	31.72 -1.81 0.00	29.16 -1.62 0.00	25.65 -1.38 0.00	24.11 -1.23 0.00	27.31 -1.09 0.00	30.36 -1.24 0.00	30.12 -1.69 0.00	27.29 -1.86 0.00	25.35 -1.55 0.00	28.06 -1.69 0.00	28.05 -1.60 0.00	29.52 -2.05 0.00	31.57 -2.17 0.00	31.51 -2.13 0.00	30.48 -2.48 0.00	34.80 -3.07 0.00	34.31 -3.02 0.00	39.23 -2.40 0.00	38.48 -1.48 0.00	42.39 -1.14 0.00
FOX_HILLS___ESR 323835	38.66 2.34 0.00	35.53 2.01 0.00	32.61 1.82 0.00	28.62 1.59 0.00	26.75 1.42 0.00	29.86 1.46 0.00	33.21 1.61 0.00	33.42 1.61 0.00	30.84 1.69 0.00	28.58 1.67 0.00	31.67 1.93 0.00	31.62 1.97 0.00	33.75 2.18 0.00	36.18 2.44 0.00	36.39 2.75 0.00	35.94 2.99 0.00	41.38 3.51 0.00	40.77 3.44 0.00	45.31 3.68 0.00	43.31 3.35 0.00	46.97 3.44 0.00
FPL_FAR_ROCK_GT1 24212	39.48 3.16 0.00	36.15 2.63 0.00	33.13 2.34 0.00	29.07 2.04 0.00	27.15 1.81 0.00	30.33 1.92 0.00	33.74 2.14 0.00	33.90 2.09 0.00	31.30 2.15 0.00	28.96 2.05 0.00	32.19 2.45 0.00	32.14 2.49 0.00	34.40 2.83 0.00	36.96 3.22 -0.01	54.62 3.63 -17.35	36.66 3.69 -0.01	42.15 4.28 0.00	41.55 4.22 0.00	46.19 4.56 0.00	44.08 4.12 0.00	47.71 4.19 0.00
FPL_FAR_ROCK_GT2 23815	39.48 3.16 0.00	36.15 2.63 0.00	33.13 2.34 0.00	29.07 2.04 0.00	27.15 1.81 0.00	30.33 1.92 0.00	33.74 2.14 0.00	33.90 2.09 0.00	31.30 2.15 0.00	28.96 2.05 0.00	32.19 2.45 0.00	32.14 2.49 0.00	34.40 2.83 0.00	36.96 3.22 -0.01	54.62 3.63 -17.35	36.66 3.69 -0.01	42.15 4.28 0.00	41.55 4.22 0.00	46.19 4.56 0.00	44.08 4.12 0.00	47.71 4.19 0.00

FRANKLIN_FALL_HYD 24054	35.72 -0.60 0.00	32.89 -0.63 0.00	30.26 -0.53 0.00	26.48 -0.54 0.00	24.82 -0.51 0.00	27.94 -0.47 0.00	31.16 -0.44 0.00	31.43 -0.38 0.00	28.98 -0.17 0.00	26.81 -0.10 0.00	29.69 -0.06 0.00	29.50 -0.15 0.00	31.28 -0.28 0.00	33.39 -0.35 0.00	33.16 -0.48 0.00	32.45 -0.50 0.00	37.52 -0.35 0.00	37.06 -0.27 0.00	41.48 -0.15 0.00	39.67 -0.28 0.00	43.31 -0.22 0.00
FREEPORT_EQUS_GT1 23764	39.24 2.92 0.00	35.90 2.37 0.00	32.91 2.12 0.00	28.85 1.83 0.00	26.94 1.61 0.00	30.10 1.70 0.00	33.51 1.91 0.00	33.61 1.81 0.00	31.07 1.91 0.00	28.74 1.84 0.00	31.93 2.19 0.00	31.87 2.22 0.00	34.10 2.53 0.00	36.64 2.90 0.00	42.88 3.32 -5.92	36.34 3.38 0.00	41.77 3.90 0.00	41.17 3.84 0.00	45.77 4.14 0.00	43.69 3.73 0.00	47.28 3.75 0.00
FREEPORT___CT2 23818	39.24 2.92 0.00	35.90 2.37 0.00	32.91 2.12 0.00	28.85 1.83 0.00	26.94 1.61 0.00	30.10 1.70 0.00	33.51 1.91 0.00	33.61 1.81 0.00	31.07 1.91 0.00	28.74 1.84 0.00	31.93 2.19 0.00	31.87 2.22 0.00	34.10 2.53 0.00	36.64 2.90 0.00	42.88 3.32 -5.92	36.34 3.38 0.00	41.77 3.90 0.00	41.17 3.84 0.00	45.77 4.14 0.00	43.69 3.73 0.00	47.28 3.75 0.00
FRESHKLS_33_KV_LOAD 356253	38.77 2.45 0.00	35.63 2.11 0.00	32.69 1.90 0.00	28.69 1.66 0.00	26.83 1.49 0.00	29.93 1.53 0.00	33.29 1.69 0.00	33.49 1.69 0.00	30.90 1.75 0.00	28.62 1.71 0.00	31.70 1.96 0.00	31.65 2.00 0.00	33.78 2.22 0.00	36.21 2.48 0.00	36.42 2.78 0.00	36.00 3.05 0.00	41.47 3.60 0.00	40.86 3.53 0.00	45.43 3.80 0.00	43.44 3.48 0.00	47.10 3.58 0.00
FULTON COGEN____ 23766	35.31 -1.01 0.00	32.61 -0.91 0.00	29.90 -0.89 0.00	26.26 -0.77 0.00	24.61 -0.73 0.00	27.57 -0.83 0.00	30.68 -0.93 0.00	30.87 -0.93 0.00	28.25 -0.90 0.00	26.03 -0.88 0.00	28.76 -0.99 0.00	28.69 -0.96 0.00	30.58 -0.98 0.00	32.68 -1.06 0.00	32.51 -1.13 0.00	31.75 -1.20 0.00	36.36 -1.51 0.00	35.87 -1.46 0.00	40.11 -1.54 -0.02	38.60 -1.36 0.00	42.05 -1.48 0.00
FULTON___LFGE 323630	37.87 1.55 0.00	34.96 1.44 0.00	32.05 1.26 0.00	28.12 1.09 0.00	26.35 1.02 0.00	29.53 1.12 0.00	32.85 1.25 0.00	32.80 0.99 0.00	29.87 0.72 0.00	27.59 0.69 0.00	30.19 0.44 0.00	30.02 0.37 0.00	31.64 0.08 0.00	33.84 0.10 0.00	33.70 0.06 0.00	32.94 -0.01 0.00	37.97 0.09 0.00	37.34 0.01 0.00	42.25 0.61 0.00	41.30 1.34 0.00	45.56 2.03 0.00
G.F.CEMENT___DRP 24184	38.74 2.42 0.00	35.57 2.05 0.00	32.66 1.87 0.00	28.69 1.66 0.00	26.97 1.63 0.00	30.22 1.82 0.00	33.60 2.00 0.00	33.61 1.81 0.00	30.78 1.63 0.00	28.50 1.59 0.00	31.39 1.65 0.00	31.31 1.66 0.00	32.86 1.30 0.00	34.89 1.15 0.00	34.69 1.06 0.00	34.15 1.20 0.00	39.72 1.85 0.00	39.35 2.02 0.00	44.16 2.53 0.00	42.52 2.56 0.00	46.31 2.78 0.00
GARDENVILLE___LBMP 24039	21.00 -2.79 12.53	19.95 -2.30 11.28	23.39 -2.39 5.00	21.49 -2.13 3.40	23.20 -2.13 0.00	25.51 -2.57 0.32	27.08 -2.73 1.80	19.49 -2.21 10.11	27.04 -2.11 0.00	15.10 -1.74 10.07	15.99 -2.04 11.71	14.46 -2.08 13.12	15.63 -2.08 13.86	18.42 -2.13 13.18	16.94 -2.50 14.20	16.09 -2.53 14.33	21.02 -2.89 13.96	19.68 -2.85 14.80	21.78 -3.16 16.70	30.13 -3.10 6.73	39.68 -3.84 0.00
GARDNVLA_35_KV_LD 355827	22.80 -2.66 10.85	21.57 -2.18 9.77	24.16 -2.29 4.33	22.04 -2.04 2.95	23.28 -2.05 0.00	25.64 -2.48 0.28	27.40 -2.64 1.55	20.93 -2.12 8.75	27.14 -2.00 0.00	16.53 -1.65 8.72	17.68 -1.93 10.14	16.34 -1.96 11.36	17.63 -1.93 12.00	20.34 -1.98 11.42	18.98 -2.37 12.29	18.17 -2.38 12.41	23.06 -2.72 12.09	21.84 -2.68 12.82	24.23 -2.94 14.47	31.22 -2.92 5.82	39.90 -3.62 0.00
GELCKHM___115KV_LOAD 80723	35.63 -0.68 0.00	32.92 -0.60 0.00	30.18 -0.60 0.00	26.51 -0.52 0.00	24.83 -0.50 0.00	27.80 -0.61 0.00	30.93 -0.67 0.00	31.17 -0.63 0.00	28.50 -0.64 0.00	26.28 -0.63 0.00	29.03 -0.72 0.00	28.96 -0.69 0.00	30.88 -0.68 0.00	33.01 -0.73 0.00	32.84 -0.80 0.00	32.07 -0.88 0.00	36.74 -1.13 0.00	36.27 -1.06 0.00	40.51 -1.11 0.01	39.03 -0.93 0.00	42.48 -1.05 0.00
GENERAL___MILLS 23808	22.28 -2.73 11.31	21.11 -2.24 10.18	23.93 -2.34 4.51	21.87 -2.09 3.07	23.24 -2.09 0.00	25.59 -2.52 0.29	27.29 -2.69 1.62	20.52 -2.17 9.12	27.09 -2.05 0.00	16.12 -1.70 9.09	17.20 -1.98 10.57	15.80 -2.01 11.84	17.07 -2.00 12.50	19.79 -2.05 11.90	18.39 -2.44 12.81	17.57 -2.45 12.93	22.47 -2.81 12.60	21.20 -2.77 13.36	23.51 -3.05 15.07	30.88 -3.01 6.07	39.81 -3.72 0.00
GE_PLASTICS___DRP 24183	37.10 0.78 0.00	34.22 0.70 0.00	31.50 0.71 0.00	27.69 0.66 0.00	25.99 0.66 0.00	29.09 0.69 0.00	32.31 0.71 0.00	32.42 0.61 0.00	29.72 0.57 0.00	27.40 0.49 0.00	30.30 0.56 0.00	30.20 0.55 0.00	32.13 0.57 0.00	34.36 0.62 0.00	34.32 0.68 0.00	33.68 0.73 0.00	38.77 0.90 0.00	38.16 0.83 0.00	42.46 0.83 0.00	40.72 0.76 0.00	44.36 0.83 0.00
GILBOA___1 23756	37.14 0.82 0.00	34.37 0.85 0.00	31.60 0.81 0.00	27.85 0.82 0.00	26.09 0.76 0.00	29.20 0.79 0.00	32.36 0.76 0.00	32.52 0.71 0.00	29.74 0.59 0.00	27.46 0.55 0.00	30.36 0.62 0.00	30.28 0.63 0.00	32.27 0.71 0.00	34.52 0.78 0.00	34.50 0.86 0.00	33.89 0.94 0.00	38.99 1.12 0.00	38.42 1.09 0.00	42.79 1.16 0.00	40.95 0.99 0.00	44.62 1.09 0.00
GILBOA___2 23757	37.14 0.82 0.00	34.37 0.85 0.00	31.60 0.81 0.00	27.85 0.82 0.00	26.09 0.76 0.00	29.20 0.79 0.00	32.36 0.76 0.00	32.52 0.71 0.00	29.74 0.59 0.00	27.46 0.55 0.00	30.36 0.62 0.00	30.28 0.63 0.00	32.27 0.71 0.00	34.52 0.78 0.00	34.50 0.86 0.00	33.89 0.94 0.00	38.99 1.12 0.00	38.42 1.09 0.00	42.79 1.16 0.00	40.95 0.99 0.00	44.62 1.09 0.00
GILBOA___3 23758	37.14 0.82 0.00	34.37 0.85 0.00	31.60 0.81 0.00	27.85 0.82 0.00	26.09 0.76 0.00	29.20 0.79 0.00	32.36 0.76 0.00	32.52 0.71 0.00	29.74 0.59 0.00	27.46 0.55 0.00	30.36 0.62 0.00	30.28 0.63 0.00	32.27 0.71 0.00	34.52 0.78 0.00	34.50 0.86 0.00	33.89 0.94 0.00	38.99 1.12 0.00	38.42 1.09 0.00	42.79 1.16 0.00	40.95 0.99 0.00	44.62 1.09 0.00

GILBOA___4 23759	37.14 0.82 0.00	34.37 0.85 0.00	31.60 0.81 0.00	27.85 0.82 0.00	26.09 0.76 0.00	29.20 0.79 0.00	32.36 0.76 0.00	32.52 0.71 0.00	29.74 0.59 0.00	27.46 0.55 0.00	30.36 0.62 0.00	30.28 0.63 0.00	32.27 0.71 0.00	34.52 0.78 0.00	34.50 0.86 0.00	33.89 0.94 0.00	38.99 1.12 0.00	38.42 1.09 0.00	42.79 1.16 0.00	40.95 0.99 0.00	44.62 1.09 0.00
GILBOA___ 23599	37.15 0.83 0.00	34.37 0.85 0.00	31.60 0.81 0.00	27.85 0.82 0.00	26.10 0.76 0.00	29.20 0.80 0.00	32.36 0.76 0.00	32.52 0.72 0.00	29.74 0.59 0.00	27.46 0.55 0.00	30.36 0.62 0.00	30.28 0.63 0.00	32.28 0.71 0.00	34.52 0.78 0.00	34.51 0.86 0.00	33.91 0.95 0.00	38.99 1.12 0.00	38.42 1.09 0.00	42.79 1.16 0.00	40.95 0.99 0.00	44.62 1.09 0.00
GINNA___ 23603	33.39 -2.93 0.00	30.94 -2.58 0.00	28.27 -2.52 0.00	24.78 -2.25 0.00	23.16 -2.18 0.00	25.83 -2.57 0.00	28.78 -2.82 0.00	29.18 -2.62 0.00	26.72 -2.43 0.00	24.74 -2.17 0.00	27.35 -2.40 0.00	27.26 -2.39 0.00	29.09 -2.47 0.00	30.97 -2.76 0.00	30.83 -2.81 0.00	30.16 -2.79 0.00	34.61 -3.27 0.00	34.18 -3.15 0.00	38.16 -3.45 0.02	36.71 -3.25 0.00	39.82 -3.70 0.00
GLEN PARK___ 23778	34.54 -1.78 0.00	31.78 -1.74 0.00	29.24 -1.55 0.00	25.72 -1.31 0.00	24.14 -1.19 0.00	27.35 -1.05 0.00	30.41 -1.19 0.00	30.18 -1.63 0.00	27.33 -1.82 0.00	25.34 -1.57 0.00	28.03 -1.72 0.00	28.04 -1.61 0.00	29.53 -2.04 0.00	31.60 -2.13 0.00	31.54 -2.10 0.00	30.48 -2.48 0.00	34.75 -3.12 0.00	34.31 -3.02 0.00	39.24 -2.39 0.00	38.51 -1.45 0.00	42.42 -1.11 0.00
GLENDALE_27_KV_LOAD 356172	38.88 2.56 0.00	35.74 2.22 0.00	32.82 2.03 0.00	28.81 1.79 0.00	26.91 1.58 0.00	30.06 1.66 0.00	33.43 1.83 0.00	33.66 1.85 0.00	31.07 1.92 0.00	28.81 1.91 0.00	31.94 2.20 0.00	31.91 2.26 0.00	34.04 2.48 0.00	36.48 2.74 0.00	36.69 3.05 0.00	36.22 3.26 0.00	41.67 3.80 0.00	41.07 3.74 0.00	45.62 3.99 0.00	43.57 3.61 0.00	47.23 3.71 0.00
GLENWOOD_IC_1_G5 23712	38.94 2.62 0.00	35.72 2.20 0.00	32.77 1.98 0.00	28.75 1.72 0.00	26.85 1.52 0.00	30.01 1.61 0.00	33.38 1.78 0.00	33.54 1.73 0.00	30.95 1.80 0.00	28.68 1.77 0.00	31.84 2.10 0.00	31.79 2.14 0.00	33.99 2.43 0.00	36.50 2.76 0.00	40.80 3.12 -4.04	36.18 3.22 0.00	41.58 3.71 0.00	40.98 3.65 0.00	45.42 3.79 0.00	43.36 3.41 0.00	47.06 3.53 0.00
GLENWOOD_IC_2_G1 23688	38.70 2.38 0.00	35.52 2.00 0.00	32.61 1.82 0.00	28.63 1.60 0.00	26.74 1.41 0.00	29.88 1.48 0.00	33.24 1.64 0.00	33.41 1.60 0.00	30.82 1.67 0.00	28.54 1.64 0.00	31.67 1.93 0.00	31.61 1.97 0.00	33.79 2.22 0.00	36.24 2.50 0.00	37.69 2.81 -1.23	35.92 2.96 0.00	41.32 3.44 0.00	40.73 3.39 0.00	45.25 3.62 0.00	43.20 3.24 0.00	46.80 3.27 0.00
GLENWOOD_IC_3_G1 23689	38.70 2.38 0.00	35.52 2.00 0.00	32.61 1.82 0.00	28.63 1.60 0.00	26.74 1.41 0.00	29.88 1.48 0.00	33.24 1.64 0.00	33.41 1.60 0.00	30.82 1.67 0.00	28.54 1.64 0.00	31.67 1.93 0.00	31.61 1.97 0.00	33.79 2.22 0.00	36.24 2.50 0.00	37.69 2.81 -1.23	35.92 2.96 0.00	41.32 3.44 0.00	40.73 3.39 0.00	45.25 3.62 0.00	43.20 3.24 0.00	46.80 3.27 0.00
GLENWOOD___4 23550	38.94 2.62 0.00	35.72 2.20 0.00	32.77 1.98 0.00	28.75 1.72 0.00	26.85 1.52 0.00	30.01 1.61 0.00	33.38 1.78 0.00	33.54 1.73 0.00	30.95 1.80 0.00	28.68 1.77 0.00	31.84 2.10 0.00	31.79 2.14 0.00	33.99 2.43 0.00	36.50 2.76 0.00	40.80 3.12 -4.04	36.18 3.22 0.00	41.58 3.71 0.00	40.98 3.65 0.00	45.46 3.83 0.00	43.40 3.44 0.00	47.06 3.53 0.00
GLENWOOD___5 23614	38.94 2.62 0.00	35.72 2.20 0.00	32.77 1.98 0.00	28.75 1.72 0.00	26.85 1.52 0.00	30.01 1.61 0.00	33.38 1.78 0.00	33.54 1.73 0.00	30.95 1.80 0.00	28.68 1.77 0.00	31.84 2.10 0.00	31.79 2.14 0.00	33.99 2.43 0.00	36.50 2.76 0.00	40.80 3.12 -4.04	36.18 3.22 0.00	41.58 3.71 0.00	40.98 3.65 0.00	45.46 3.83 0.00	43.40 3.44 0.00	47.06 3.53 0.00
GLOBAL GREEN_PORT_GT1 23814	39.34 3.02 0.00	35.94 2.42 0.00	32.88 2.09 0.00	28.85 1.82 0.00	26.93 1.59 0.00	30.06 1.66 0.00	33.44 1.84 0.00	33.36 1.56 0.00	31.15 2.00 0.00	28.74 1.83 0.00	31.88 2.14 0.00	31.81 2.16 0.00	34.00 2.43 0.00	36.51 2.77 0.00	36.30 3.24 0.58	36.52 3.57 0.00	42.12 4.25 0.00	41.42 4.09 0.00	46.05 4.42 0.00	44.17 4.21 0.00	48.10 4.58 0.00
GLOBE___DSASP 323697	24.42 -3.41 8.49	23.06 -2.83 7.64	24.54 -2.86 3.39	22.17 -2.56 2.31	22.79 -2.54 0.00	25.07 -3.11 0.22	27.04 -3.34 1.22	22.16 -2.80 6.85	26.64 -2.51 0.00	17.95 -2.13 6.82	19.43 -2.39 7.93	18.38 -2.39 8.89	19.71 -2.46 9.38	22.23 -2.58 8.93	20.86 -3.16 9.62	20.09 -3.15 9.71	24.43 -3.98 9.46	23.30 -4.00 10.03	25.67 -4.64 11.32	30.89 -4.52 4.55	38.30 -5.23 0.00
GOETHSLN___LBMP 323567	38.59 2.27 0.00	35.46 1.94 0.00	32.57 1.78 0.00	28.59 1.56 0.00	26.71 1.38 0.00	29.85 1.45 0.00	33.19 1.59 0.00	33.41 1.61 0.00	30.81 1.66 0.00	28.55 1.65 0.00	31.67 1.92 0.00	31.62 1.97 0.00	33.76 2.19 0.00	36.17 2.44 0.00	36.37 2.73 0.00	35.92 2.97 0.00	41.32 3.45 0.00	40.72 3.39 0.00	45.26 3.63 0.00	43.21 3.25 0.00	46.80 3.28 0.00
GOLAH___69_KV_TB 1_2 80279	33.35 -1.55 1.42	30.99 -1.25 1.28	28.86 -1.36 0.57	25.40 -1.25 0.39	24.08 -1.25 0.00	26.78 -1.58 0.04	29.71 -1.69 0.20	29.21 -1.45 1.14	27.74 -1.41 0.00	24.56 -1.21 1.14	27.06 -1.35 1.33	26.82 -1.35 1.49	28.64 -1.36 1.57	30.82 -1.42 1.50	30.33 -1.70 1.61	29.60 -1.73 1.63	34.29 -2.00 1.58	33.69 -1.96 1.68	37.60 -2.12 1.91	37.25 -1.95 0.75	41.29 -2.24 0.00
GOODYEAR_LAKE_HYD 323669	37.04 0.72 0.00	34.21 0.69 0.00	31.35 0.56 0.00	27.57 0.54 0.00	25.81 0.47 0.00	28.90 0.50 0.00	32.13 0.53 0.00	32.42 0.61 0.00	29.76 0.61 0.00	27.41 0.50 0.00	30.24 0.50 0.00	30.14 0.49 0.00	32.14 0.58 0.00	34.42 0.68 0.00	34.36 0.72 0.00	33.69 0.74 0.00	38.68 0.81 0.00	38.17 0.84 0.00	42.72 1.09 0.00	41.18 1.22 0.00	44.88 1.35 0.00





GOWANUS_GT4_4 24133	38.73 2.41 0.00	35.59 2.06 0.00	32.66 1.87 0.00	28.66 1.64 0.00	26.79 1.46 0.00	29.91 1.51 0.00	33.27 1.67 0.00	33.48 1.68 0.00	30.91 1.76 0.00	28.65 1.74 0.00	31.76 2.01 0.00	31.72 2.07 0.00	33.84 2.28 0.00	36.28 2.54 0.00	36.49 2.85 0.00	36.03 3.08 0.00	41.47 3.60 0.00	40.85 3.52 0.00	45.39 3.76 0.00	43.37 3.41 0.00	47.02 3.50 0.00
GOWANUS_GT4_5 24134	38.73 2.41 0.00	35.59 2.06 0.00	32.66 1.87 0.00	28.66 1.64 0.00	26.79 1.46 0.00	29.91 1.51 0.00	33.27 1.67 0.00	33.48 1.68 0.00	30.91 1.76 0.00	28.65 1.74 0.00	31.76 2.01 0.00	31.72 2.07 0.00	33.84 2.28 0.00	36.28 2.54 0.00	36.49 2.85 0.00	36.03 3.08 0.00	41.47 3.60 0.00	40.85 3.52 0.00	45.39 3.76 0.00	43.37 3.41 0.00	47.02 3.50 0.00
GOWANUS_GT4_6 24135	38.73 2.41 0.00	35.59 2.06 0.00	32.66 1.87 0.00	28.66 1.64 0.00	26.79 1.46 0.00	29.91 1.51 0.00	33.27 1.67 0.00	33.48 1.68 0.00	30.91 1.76 0.00	28.65 1.74 0.00	31.76 2.01 0.00	31.72 2.07 0.00	33.84 2.28 0.00	36.28 2.54 0.00	36.49 2.85 0.00	36.03 3.08 0.00	41.47 3.60 0.00	40.85 3.52 0.00	45.39 3.76 0.00	43.37 3.41 0.00	47.02 3.50 0.00
GOWANUS_GT4_7 24136	38.73 2.41 0.00	35.59 2.06 0.00	32.66 1.87 0.00	28.66 1.64 0.00	26.79 1.46 0.00	29.91 1.51 0.00	33.27 1.67 0.00	33.48 1.68 0.00	30.91 1.76 0.00	28.65 1.74 0.00	31.76 2.01 0.00	31.72 2.07 0.00	33.84 2.28 0.00	36.28 2.54 0.00	36.49 2.85 0.00	36.03 3.08 0.00	41.47 3.60 0.00	40.85 3.52 0.00	45.39 3.76 0.00	43.37 3.41 0.00	47.02 3.50 0.00
GOWANUS_GT4_8 24137	38.73 2.41 0.00	35.59 2.06 0.00	32.66 1.87 0.00	28.66 1.64 0.00	26.79 1.46 0.00	29.91 1.51 0.00	33.27 1.67 0.00	33.48 1.68 0.00	30.91 1.76 0.00	28.65 1.74 0.00	31.76 2.01 0.00	31.72 2.07 0.00	33.84 2.28 0.00	36.28 2.54 0.00	36.49 2.85 0.00	36.03 3.08 0.00	41.47 3.60 0.00	40.85 3.52 0.00	45.39 3.76 0.00	43.37 3.41 0.00	47.02 3.50 0.00
GREENBSH_115KV_TB3 55895	37.04 0.72 0.00	34.14 0.62 0.00	31.45 0.66 0.00	27.64 0.61 0.00	25.96 0.63 0.00	29.05 0.65 0.00	32.28 0.67 0.00	32.36 0.55 0.00	29.67 0.52 0.00	27.35 0.44 0.00	30.24 0.49 0.00	30.14 0.49 0.00	32.05 0.49 0.00	34.27 0.53 0.00	34.21 0.57 0.00	33.58 0.62 0.00	38.65 0.78 0.00	38.03 0.70 0.00	42.31 0.68 0.00	40.56 0.60 0.00	44.18 0.65 0.00
GREENDGE_115KV_TB5 80291	50.24 -1.54 -15.47	46.22 -1.22 -13.92	35.70 -1.27 -6.18	30.16 -1.07 -4.20	24.30 -1.04 -0.01	27.58 -1.22 -0.40	32.53 -1.29 -2.22	43.16 -1.13 -12.48	27.86 -1.29 0.00	37.98 -1.36 -12.43	42.55 -1.65 -14.45	44.19 -1.65 -16.18	47.10 -1.55 -17.09	48.39 -1.62 -16.27	49.50 -1.66 -17.52	48.98 -1.66 -17.68	52.99 -2.11 -17.22	53.50 -2.09 -18.26	60.06 -2.15 -20.58	47.08 -1.27 -8.39	42.47 -1.06 0.00
GREENIDGE___3 23582	50.24 -1.54 -15.47	46.22 -1.22 -13.92	35.70 -1.27 -6.18	30.16 -1.07 -4.20	24.30 -1.04 -0.01	27.58 -1.22 -0.40	32.53 -1.29 -2.22	43.16 -1.13 -12.48	27.86 -1.29 0.00	37.98 -1.36 -12.43	42.55 -1.65 -14.45	44.19 -1.65 -16.18	47.10 -1.55 -17.09	48.39 -1.62 -16.27	49.50 -1.66 -17.52	48.98 -1.66 -17.68	52.99 -2.11 -17.22	53.50 -2.09 -18.26	60.06 -2.15 -20.58	47.08 -1.27 -8.39	42.47 -1.06 0.00
GREENIDGE___4 23583	50.25 -1.53 -15.47	46.22 -1.22 -13.92	35.71 -1.25 -6.18	30.16 -1.07 -4.20	24.30 -1.04 -0.01	27.59 -1.21 -0.40	32.53 -1.29 -2.22	43.16 -1.13 -12.48	27.86 -1.30 0.00	37.98 -1.36 -12.43	42.55 -1.65 -14.45	44.19 -1.65 -16.18	47.11 -1.55 -17.09	48.41 -1.59 -16.27	49.50 -1.66 -17.52	48.99 -1.64 -17.68	52.99 -2.10 -17.22	53.51 -2.09 -18.26	60.06 -2.15 -20.58	47.09 -1.27 -8.39	42.47 -1.06 0.00
GREENLWN_69_KV_BK 3 55738	39.07 2.75 0.00	35.74 2.22 0.00	32.74 1.96 0.00	28.72 1.69 0.00	26.81 1.48 0.00	29.99 1.59 0.00	33.36 1.76 0.00	33.43 1.62 0.00	30.92 1.77 0.00	28.60 1.69 0.00	31.77 2.03 0.00	31.66 2.01 0.00	33.87 2.31 0.00	36.44 2.70 0.00	36.40 3.12 0.36	36.05 3.10 0.00	41.38 3.51 0.00	40.77 3.44 0.00	45.30 3.66 0.00	43.21 3.26 0.00	46.67 3.14 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.73 2.41 0.00	35.59 2.06 0.00	32.66 1.87 0.00	28.66 1.64 0.00	26.79 1.46 0.00	29.91 1.51 0.00	33.27 1.67 0.00	33.48 1.68 0.00	30.91 1.76 0.00	28.65 1.74 0.00	31.76 2.01 0.00	31.72 2.07 0.00	33.84 2.28 0.00	36.28 2.54 0.00	36.49 2.85 0.00	36.03 3.08 0.00	41.47 3.60 0.00	40.85 3.52 0.00	45.39 3.76 0.00	43.37 3.41 0.00	47.02 3.50 0.00
GRISSOM___SOLAR 323813	37.86 1.54 0.00	34.93 1.41 0.00	32.03 1.24 0.00	28.11 1.09 0.00	26.35 1.02 0.00	29.53 1.12 0.00	32.84 1.24 0.00	32.71 0.90 0.00	29.76 0.61 0.00	27.50 0.59 0.00	30.13 0.38 0.00	29.98 0.33 0.00	31.56 -0.01 0.00	33.72 -0.01 0.00	33.60 -0.05 0.00	32.81 -0.14 0.00	37.88 0.01 0.00	37.24 -0.08 0.00	42.23 0.60 0.00	41.26 1.30 0.00	45.43 1.90 0.00
GROVEVILLE___HYD 323602	38.66 2.34 0.00	35.55 2.03 0.00	32.64 1.85 0.00	28.65 1.62 0.00	26.77 1.44 0.00	29.93 1.53 0.00	33.28 1.68 0.00	33.49 1.68 0.00	30.79 1.65 0.00	28.53 1.62 0.00	31.61 1.87 0.00	31.56 1.91 0.00	33.72 2.15 0.00	36.15 2.42 0.00	36.32 2.68 0.00	35.83 2.88 0.00	41.24 3.37 0.00	40.71 3.38 0.00	45.30 3.66 0.00	43.29 3.33 0.00	46.93 3.40 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.85 -0.47 0.00	33.12 -0.41 0.00	30.35 -0.43 0.00	26.66 -0.37 0.00	24.97 -0.36 0.00	27.96 -0.45 0.00	31.11 -0.49 0.00	31.35 -0.46 0.00	28.65 -0.51 0.00	26.38 -0.52 0.00	29.13 -0.62 0.00	29.06 -0.59 0.00	31.02 -0.55 0.00	33.15 -0.59 0.00	32.99 -0.65 0.00	32.21 -0.74 0.00	36.92 -0.95 0.00	36.45 -0.88 0.00	40.78 -0.85 0.00	39.31 -0.65 0.00	42.78 -0.74 0.00
HAMLTNNY_34_KV_TB 80303	35.87 -0.45 0.00	33.14 -0.38 0.00	30.36 -0.42 0.00	26.67 -0.36 0.00	24.97 -0.37 0.00	27.92 -0.48 0.00	31.08 -0.52 0.00	31.34 -0.47 0.00	28.60 -0.56 0.00	26.33 -0.58 0.00	29.02 -0.73 0.00	28.95 -0.70 0.00	30.99 -0.57 0.00	33.03 -0.70 0.00	32.93 -0.71 0.00	32.12 -0.83 0.00	36.84 -1.03 0.00	36.37 -0.96 0.00	40.68 -0.95 0.00	39.28 -0.68 0.00	42.82 -0.71 0.00

HAMPSHIRE___PAPER_HYD 323593	34.78 -1.54 0.00	32.07 -1.45 0.00	29.49 -1.30 0.00	25.88 -1.15 0.00	24.29 -1.04 0.00	27.47 -0.93 0.00	30.60 -1.00 0.00	30.58 -1.23 0.00	27.93 -1.22 0.00	25.86 -1.05 0.00	28.62 -1.13 0.00	28.44 -1.21 0.00	30.01 -1.56 0.00	32.00 -1.73 0.00	31.94 -1.70 0.00	31.08 -1.87 0.00	35.84 -2.03 0.00	35.36 -1.97 0.00	39.97 -1.67 0.00	38.72 -1.24 0.00	42.40 -1.13 0.00
HARDSCRABBLE_WT_PWR 323673	36.25 -0.07 0.00	33.38 -0.14 0.00	30.70 -0.08 0.00	26.99 -0.04 0.00	25.44 0.11 0.00	28.51 0.11 0.00	31.64 0.03 0.00	31.58 -0.23 0.00	28.72 -0.43 0.00	26.54 -0.37 0.00	29.12 -0.63 0.00	28.98 -0.68 0.00	30.66 -0.90 0.00	32.80 -0.93 0.00	32.85 -0.78 0.00	32.22 -0.73 0.00	37.31 -0.56 0.00	36.81 -0.53 0.00	41.24 -0.40 0.00	40.02 0.07 0.00	44.00 0.47 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.43 2.11 0.00	35.34 1.82 0.00	32.42 1.62 0.00	28.46 1.43 0.00	26.60 1.27 0.00	29.74 1.34 0.00	33.07 1.47 0.00	33.29 1.49 0.00	30.62 1.47 0.00	28.34 1.44 0.00	31.42 1.67 0.00	31.36 1.71 0.00	33.53 1.96 0.00	35.97 2.23 0.00	36.13 2.49 0.00	35.67 2.72 0.00	41.04 3.17 0.00	40.50 3.17 0.00	45.06 3.43 0.00	43.05 3.09 0.00	46.62 3.10 0.00
HARSNRAD_115KV_TB1 81005	24.98 -2.95 8.39	23.55 -2.42 7.55	24.89 -2.56 3.35	22.44 -2.31 2.28	22.96 -2.36 0.00	25.34 -2.85 0.22	27.36 -3.04 1.20	22.57 -2.47 6.77	26.73 -2.42 0.00	18.24 -1.93 6.74	19.73 -2.18 7.84	18.69 -2.18 8.78	20.05 -2.23 9.27	22.73 -2.18 8.83	21.37 -2.76 9.51	20.56 -2.80 9.60	25.29 -3.23 9.35	24.16 -3.26 9.91	26.78 -3.66 11.19	31.70 -3.76 4.50	38.90 -4.63 0.00
HARZA MOOSE___RIVER 24016	35.60 -0.72 0.00	32.81 -0.71 0.00	30.17 -0.61 0.00	26.52 -0.51 0.00	24.92 -0.42 0.00	28.11 -0.29 0.00	31.26 -0.34 0.00	31.26 -0.54 0.00	28.47 -0.68 0.00	26.37 -0.54 0.00	29.18 -0.57 0.00	29.04 -0.62 0.00	30.71 -0.86 0.00	32.74 -1.00 0.00	32.72 -0.92 0.00	31.85 -1.10 0.00	36.68 -1.19 0.00	36.13 -1.21 0.00	40.83 -0.80 0.00	39.60 -0.36 0.00	43.39 -0.14 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.63 -0.69 0.00	32.92 -0.60 0.00	30.18 -0.61 0.00	26.50 -0.53 0.00	24.82 -0.51 0.00	27.80 -0.61 0.00	30.92 -0.68 0.00	31.17 -0.63 0.00	28.52 -0.63 0.00	26.30 -0.61 0.00	29.05 -0.69 0.00	28.98 -0.67 0.00	30.91 -0.65 0.00	33.05 -0.69 0.00	32.88 -0.76 0.00	32.11 -0.84 0.00	36.79 -1.07 0.00	36.33 -1.01 0.00	40.59 -1.04 0.01	39.07 -0.89 0.00	42.48 -1.05 0.00
HELLGATE_13_KV_LD 55870	38.96 2.64 0.00	35.79 2.27 0.00	32.83 2.04 0.00	28.82 1.80 0.00	26.92 1.59 0.00	30.07 1.67 0.00	33.44 1.84 0.00	33.67 1.87 0.00	31.08 1.93 0.00	28.82 1.92 0.00	31.95 2.21 0.00	31.92 2.27 0.00	34.04 2.47 0.00	36.49 2.75 0.00	36.68 3.04 0.00	36.22 3.26 0.00	41.67 3.80 0.00	41.06 3.74 0.00	45.61 3.98 0.00	43.56 3.60 0.00	47.23 3.71 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.96 2.64 0.00	35.79 2.27 0.00	32.83 2.04 0.00	28.82 1.80 0.00	26.92 1.59 0.00	30.07 1.67 0.00	33.44 1.84 0.00	33.67 1.87 0.00	31.08 1.93 0.00	28.82 1.92 0.00	31.95 2.21 0.00	31.92 2.27 0.00	34.04 2.47 0.00	36.49 2.75 0.00	36.68 3.04 0.00	36.22 3.26 0.00	41.67 3.80 0.00	41.06 3.74 0.00	45.61 3.98 0.00	43.56 3.60 0.00	47.23 3.71 0.00
HEMPSTEAD___ 23647	38.92 2.60 0.00	35.65 2.13 0.00	32.69 1.90 0.00	28.68 1.66 0.00	26.79 1.46 0.00	29.93 1.53 0.00	33.31 1.71 0.00	33.43 1.62 0.00	30.88 1.73 0.00	28.59 1.68 0.00	31.75 2.00 0.00	31.68 2.03 0.00	33.87 2.31 0.00	36.38 2.64 0.00	40.94 3.04 -4.27	36.07 3.11 0.00	41.44 3.57 0.00	40.84 3.51 0.00	45.36 3.73 0.00	43.31 3.35 0.00	46.89 3.36 0.00
HICKLING___1 23621	40.49 -1.45 -5.61	37.34 -1.24 -5.05	31.72 -1.31 -2.24	27.49 -1.06 -1.53	24.33 -1.01 0.00	27.41 -1.14 -0.14	31.17 -1.24 -0.80	35.29 -1.05 -4.53	27.97 -1.18 0.00	30.25 -1.17 -4.51	33.57 -1.42 -5.25	34.08 -1.45 -5.88	36.48 -1.29 -6.21	38.41 -1.24 -5.91	38.73 -1.27 -6.36	38.19 -1.19 -6.42	42.72 -1.41 -6.25	42.67 -1.30 -6.63	47.95 -1.15 -7.46	42.91 -0.63 -3.57	42.65 -0.87 0.00
HICKLING___2 23622	40.49 -1.45 -5.61	37.34 -1.24 -5.05	31.72 -1.31 -2.24	27.49 -1.06 -1.53	24.33 -1.01 0.00	27.41 -1.14 -0.14	31.17 -1.24 -0.80	35.29 -1.05 -4.53	27.97 -1.18 0.00	30.25 -1.17 -4.51	33.57 -1.42 -5.25	34.08 -1.45 -5.88	36.48 -1.29 -6.21	38.41 -1.24 -5.91	38.73 -1.27 -6.36	38.19 -1.19 -6.42	42.72 -1.41 -6.25	42.67 -1.30 -6.63	47.95 -1.15 -7.46	42.91 -0.63 -3.57	42.65 -0.87 0.00
HIGH FALLS___HY 23754	38.56 2.24 0.00	35.43 1.91 0.00	32.48 1.69 0.00	28.52 1.49 0.00	26.64 1.31 0.00	29.78 1.38 0.00	33.12 1.52 0.00	33.36 1.55 0.00	30.64 1.49 0.00	28.40 1.49 0.00	31.34 1.59 0.00	31.29 1.64 0.00	33.47 1.91 0.00	35.96 2.23 0.00	35.99 2.35 0.00	35.54 2.59 0.00	40.85 2.97 0.00	40.43 3.10 0.00	45.14 3.51 0.00	43.21 3.25 0.00	46.97 3.45 0.00
HIGH_RIVER___SOLAR 323847	37.56 1.24 0.00	34.65 1.12 0.00	31.82 1.04 0.00	27.95 0.92 0.00	26.21 0.88 0.00	29.36 0.96 0.00	32.63 1.03 0.00	32.55 0.74 0.00	29.72 0.57 0.00	27.34 0.44 0.00	30.01 0.26 0.00	29.90 0.25 0.00	31.67 0.10 0.00	33.85 0.12 0.00	33.74 0.09 0.00	33.08 0.12 0.00	38.16 0.29 0.00	37.67 0.33 0.00	42.40 0.76 0.00	41.08 1.12 0.00	45.03 1.51 0.00
HILLBURN___GT 23639	38.37 2.05 0.00	35.29 1.77 0.00	32.37 1.58 0.00	28.44 1.40 0.00	26.58 1.25 0.00	29.70 1.30 0.00	33.05 1.44 0.00	33.26 1.45 0.00	30.63 1.48 0.00	28.36 1.45 0.00	31.44 1.69 0.00	31.38 1.73 0.00	33.54 1.98 0.00	35.97 2.23 0.00	36.15 2.51 0.00	35.68 2.73 0.00	41.06 3.19 0.00	40.47 3.14 0.00	45.01 3.38 0.00	42.97 3.01 0.00	46.53 3.02 0.00
HILLSIDE_115KV_TB1 80332	39.95 -1.49 -5.12	36.87 -1.26 -4.61	31.52 -1.32 -2.04	27.34 -1.08 -1.39	24.32 -1.01 0.00	27.39 -1.15 -0.13	31.07 -1.27 -0.73	34.82 -1.11 -4.13	27.96 -1.20 0.00	29.89 -1.13 -4.12	33.17 -1.36 -4.79	33.60 -1.41 -5.36	35.96 -1.26 -5.66	37.88 -1.25 -5.39	38.20 -1.24 -5.80	37.61 -1.20 -5.86	42.14 -1.44 -5.71	42.01 -1.37 -6.05	47.13 -1.31 -6.81	41.91 -0.90 -2.85	42.34 -1.19 0.00

HISHELDN_WT_PWR 323625	7.75 -3.08 25.49	7.96 -2.62 22.94	18.00 -2.61 10.18	17.83 -2.28 6.92	23.07 -2.25 0.01	25.09 -2.65 0.66	25.12 -2.83 3.65	8.85 -2.39 20.57	26.77 -2.37 0.01	4.25 -2.17 20.49	3.34 -2.59 23.83	0.33 -2.64 26.68	0.78 -2.61 28.18	4.27 -2.65 26.82	1.85 -2.91 28.88	0.97 -2.83 29.16	6.17 -3.31 28.40	4.10 -3.13 30.11	4.42 -3.27 33.95	23.40 -2.88 13.68	40.08 -3.45 0.00
HOLTSVILLE_IC_1 23690	39.17 2.85 0.00	35.83 2.31 0.00	32.81 2.02 0.00	28.78 1.76 0.00	26.87 1.53 0.00	30.04 1.64 0.00	33.41 1.81 0.00	33.38 1.58 0.00	30.98 1.84 0.00	28.60 1.69 0.00	31.73 1.99 0.00	31.56 1.90 0.00	33.76 2.20 0.00	36.31 2.57 0.00	36.02 2.98 0.60	36.08 3.13 0.00	41.47 3.61 0.00	40.78 3.45 0.00	45.30 3.67 0.00	43.25 3.29 0.00	46.71 3.18 0.00
HOLTSVILLE_IC_10 23699	39.34 3.02 0.00	35.98 2.46 0.00	32.93 2.14 0.00	28.89 1.86 0.00	26.97 1.63 0.00	30.14 1.74 0.00	33.51 1.91 0.00	33.48 1.68 0.00	31.10 1.94 0.00	28.70 1.80 0.00	31.85 2.10 0.00	31.67 2.02 0.00	33.91 2.34 0.00	36.48 2.75 0.00	36.30 3.17 0.51	36.30 3.35 0.00	41.74 3.87 0.00	41.03 3.70 0.00	45.58 3.95 0.00	43.52 3.56 0.00	47.02 3.49 0.00
HOLTSVILLE_IC_2 23691	39.17 2.85 0.00	35.83 2.31 0.00	32.81 2.02 0.00	28.78 1.76 0.00	26.87 1.53 0.00	30.04 1.64 0.00	33.41 1.81 0.00	33.38 1.58 0.00	30.98 1.84 0.00	28.60 1.69 0.00	31.73 1.99 0.00	31.56 1.90 0.00	33.76 2.20 0.00	36.31 2.57 0.00	36.02 2.98 0.60	36.08 3.13 0.00	41.47 3.61 0.00	40.78 3.45 0.00	45.30 3.67 0.00	43.25 3.29 0.00	46.71 3.18 0.00
HOLTSVILLE_IC_3 23692	39.17 2.85 0.00	35.83 2.31 0.00	32.81 2.02 0.00	28.78 1.76 0.00	26.87 1.53 0.00	30.04 1.64 0.00	33.41 1.81 0.00	33.38 1.58 0.00	30.98 1.84 0.00	28.60 1.69 0.00	31.73 1.99 0.00	31.56 1.90 0.00	33.76 2.20 0.00	36.31 2.57 0.00	36.02 2.98 0.60	36.08 3.13 0.00	41.47 3.61 0.00	40.78 3.45 0.00	45.30 3.67 0.00	43.25 3.29 0.00	46.71 3.18 0.00
HOLTSVILLE_IC_4 23693	39.17 2.85 0.00	35.83 2.31 0.00	32.81 2.02 0.00	28.78 1.76 0.00	26.87 1.53 0.00	30.04 1.64 0.00	33.41 1.81 0.00	33.38 1.58 0.00	30.98 1.84 0.00	28.60 1.69 0.00	31.73 1.99 0.00	31.56 1.90 0.00	33.76 2.20 0.00	36.31 2.57 0.00	36.02 2.98 0.60	36.08 3.13 0.00	41.47 3.61 0.00	40.78 3.45 0.00	45.30 3.67 0.00	43.25 3.29 0.00	46.71 3.18 0.00
HOLTSVILLE_IC_5 23694	39.17 2.85 0.00	35.83 2.31 0.00	32.81 2.02 0.00	28.78 1.76 0.00	26.87 1.53 0.00	30.04 1.64 0.00	33.41 1.81 0.00	33.38 1.58 0.00	30.98 1.84 0.00	28.60 1.69 0.00	31.73 1.99 0.00	31.56 1.90 0.00	33.76 2.20 0.00	36.31 2.57 0.00	36.02 2.98 0.60	36.08 3.13 0.00	41.47 3.61 0.00	40.78 3.45 0.00	45.30 3.67 0.00	43.25 3.29 0.00	46.71 3.18 0.00
HOLTSVILLE_IC_6 23695	39.34 3.02 0.00	35.98 2.46 0.00	32.93 2.14 0.00	28.89 1.86 0.00	26.97 1.63 0.00	30.14 1.74 0.00	33.51 1.91 0.00	33.48 1.68 0.00	31.10 1.94 0.00	28.70 1.80 0.00	31.85 2.10 0.00	31.67 2.02 0.00	33.91 2.34 0.00	36.48 2.75 0.00	36.30 3.17 0.51	36.30 3.35 0.00	41.74 3.87 0.00	41.03 3.70 0.00	45.58 3.95 0.00	43.52 3.56 0.00	47.02 3.49 0.00
HOLTSVILLE_IC_7 23696	39.34 3.02 0.00	35.98 2.46 0.00	32.93 2.14 0.00	28.89 1.86 0.00	26.97 1.63 0.00	30.14 1.74 0.00	33.51 1.91 0.00	33.48 1.68 0.00	31.10 1.94 0.00	28.70 1.80 0.00	31.85 2.10 0.00	31.67 2.02 0.00	33.91 2.34 0.00	36.48 2.75 0.00	36.30 3.17 0.51	36.30 3.35 0.00	41.74 3.87 0.00	41.03 3.70 0.00	45.58 3.95 0.00	43.52 3.56 0.00	47.02 3.49 0.00
HOLTSVILLE_IC_8 23697	39.34 3.02 0.00	35.98 2.46 0.00	32.93 2.14 0.00	28.89 1.86 0.00	26.97 1.63 0.00	30.14 1.74 0.00	33.51 1.91 0.00	33.48 1.68 0.00	31.10 1.94 0.00	28.70 1.80 0.00	31.85 2.10 0.00	31.67 2.02 0.00	33.91 2.34 0.00	36.48 2.75 0.00	36.30 3.17 0.51	36.30 3.35 0.00	41.74 3.87 0.00	41.03 3.70 0.00	45.58 3.95 0.00	43.52 3.56 0.00	47.02 3.49 0.00
HOLTSVILLE_IC_9 23698	39.34 3.02 0.00	35.98 2.46 0.00	32.93 2.14 0.00	28.89 1.86 0.00	26.97 1.63 0.00	30.14 1.74 0.00	33.51 1.91 0.00	33.48 1.68 0.00	31.10 1.94 0.00	28.70 1.80 0.00	31.85 2.10 0.00	31.67 2.02 0.00	33.91 2.34 0.00	36.48 2.75 0.00	36.30 3.17 0.51	36.30 3.35 0.00	41.74 3.87 0.00	41.03 3.70 0.00	45.58 3.95 0.00	43.52 3.56 0.00	47.02 3.49 0.00
HOMER_HL_115KV_TB2 355744	24.53 -2.52 9.27	23.12 -2.06 8.34	24.87 -2.22 3.70	22.57 -1.94 2.52	23.43 -1.90 0.00	25.96 -2.21 0.24	27.91 -2.36 1.33	22.37 -1.95 7.48	27.13 -2.02 0.00	17.89 -1.57 7.45	19.28 -1.84 8.62	18.07 -1.98 9.60	19.53 -1.90 10.13	22.22 -1.88 9.64	21.19 -2.07 10.39	20.33 -2.14 10.48	25.27 -2.39 10.21	24.14 -2.36 10.83	26.52 -2.78 12.34	32.29 -2.69 4.98	39.95 -3.57 0.00
HOWARD_WT_PWR 323690	70.99 -3.54 -38.20	64.57 -3.34 -34.38	42.92 -3.12 -15.25	34.83 -2.57 -10.37	22.90 -2.45 -0.02	26.53 -2.86 -0.98	34.17 -2.90 -5.48	60.25 -2.38 -30.82	26.73 -2.44 -0.01	54.93 -2.68 -30.70	62.06 -3.39 -35.70	66.17 -3.45 -39.97	70.54 -3.23 -42.21	70.80 -3.11 -40.17	73.56 -3.34 -43.26	73.65 -2.98 -43.68	77.00 -3.41 -42.54	79.45 -2.98 -45.11	89.83 -2.64 -50.84	59.17 -1.39 -20.60	41.99 -1.54 0.00
HQ_GEN_CEDARS 23644	36.04 -0.28 0.00	33.31 -0.21 0.00	30.59 -0.20 0.00	26.79 -0.24 0.00	25.08 -0.25 0.00	28.27 -0.14 0.00	31.54 -0.06 0.00	31.77 -0.04 0.00	29.18 0.04 0.00	26.95 0.05 0.00	29.79 0.05 0.00	29.63 -0.02 0.00	31.44 -0.13 0.00	33.56 -0.18 0.00	33.41 -0.23 0.00	32.68 -0.27 0.00	37.69 -0.17 0.00	37.23 -0.10 0.00	41.59 -0.05 0.00	39.88 -0.08 0.00	43.53 0.00 0.00
HQ_GEN_CEDARS_PROXY 323590	36.04 -0.28 0.00	33.30 -0.22 0.00	30.59 -0.20 0.00	26.78 -0.25 0.00	25.08 -0.25 0.00	28.27 -0.14 0.00	31.32 -0.06 0.23	31.77 -0.04 0.00	29.18 0.04 0.00	26.95 0.05 0.00	29.79 0.05 0.00	29.63 -0.02 0.00	31.44 -0.13 0.00	33.56 -0.18 0.00	33.40 -0.24 0.00	32.68 -0.27 0.00	37.69 -0.17 0.00	37.22 -0.11 0.00	41.59 -0.05 0.00	39.88 -0.08 0.00	43.53 0.00 0.00

HQ_GEN_CHPE_PROXY 323851	37.41 2.32 1.23	35.50 1.98 0.00	32.62 1.83 0.00	28.64 1.61 0.00	26.76 1.43 0.00	29.89 1.49 0.00	33.24 1.64 0.00	33.45 1.65 0.00	30.88 1.73 0.00	28.62 1.71 0.00	31.74 2.00 0.00	31.69 2.04 0.00	33.82 2.26 0.00	36.23 2.50 0.00	36.43 2.79 0.00	35.95 2.99 0.00	41.37 3.50 0.00	38.93 3.44 1.85	45.32 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00
HQ_GEN_IMPORT 323601	35.05 -0.04 1.23	33.49 -0.03 0.00	30.76 -0.03 0.00	26.96 -0.07 0.00	25.26 -0.07 0.00	28.39 -0.02 0.00	31.63 0.02 0.00	31.86 0.06 0.00	29.23 0.08 0.00	26.99 0.08 0.00	29.83 0.09 0.00	29.74 0.09 0.00	31.62 0.05 0.00	33.77 0.03 0.00	33.65 0.01 0.00	32.96 0.00 0.00	37.93 0.06 0.00	35.54 0.06 1.85	41.69 0.06 0.00	39.99 0.03 0.00	43.62 0.09 0.00
HQ_GEN_WHEEL 23651	35.05 -0.04 1.23	33.49 -0.03 0.00	30.76 -0.03 0.00	26.96 -0.07 0.00	25.26 -0.07 0.00	28.39 -0.02 0.00	31.63 0.02 0.00	31.86 0.06 0.00	29.23 0.08 0.00	26.99 0.08 0.00	29.83 0.09 0.00	29.74 0.09 0.00	31.62 0.05 0.00	33.77 0.03 0.00	33.65 0.01 0.00	32.96 0.00 0.00	37.93 0.06 0.00	35.54 0.06 1.85	41.69 0.06 0.00	39.99 0.03 0.00	43.62 0.09 0.00
HUDSON_AVE_GT_3 23810	38.75 2.43 0.00	35.60 2.08 0.00	32.70 1.91 0.00	28.70 1.68 0.00	26.82 1.49 0.00	29.96 1.56 0.00	33.32 1.72 0.00	33.54 1.73 0.00	30.94 1.80 0.00	28.69 1.78 0.00	31.83 2.09 0.00	31.78 2.13 0.00	33.93 2.36 0.00	36.35 2.61 0.00	36.54 2.90 0.00	36.07 3.12 0.00	41.51 3.64 0.00	40.91 3.58 0.00	45.46 3.82 0.00	43.40 3.44 0.00	47.02 3.50 0.00
HUDSON_AVE_GT_4 23540	38.75 2.43 0.00	35.60 2.08 0.00	32.70 1.91 0.00	28.70 1.68 0.00	26.82 1.49 0.00	29.96 1.56 0.00	33.32 1.72 0.00	33.54 1.73 0.00	30.94 1.80 0.00	28.69 1.78 0.00	31.83 2.09 0.00	31.78 2.13 0.00	33.93 2.36 0.00	36.35 2.61 0.00	36.54 2.90 0.00	36.07 3.12 0.00	41.51 3.64 0.00	40.91 3.58 0.00	45.46 3.82 0.00	43.40 3.44 0.00	47.02 3.50 0.00
HUDSON_AVE_GT_5 23657	38.75 2.43 0.00	35.60 2.08 0.00	32.70 1.91 0.00	28.70 1.68 0.00	26.82 1.49 0.00	29.96 1.56 0.00	33.32 1.72 0.00	33.54 1.73 0.00	30.94 1.80 0.00	28.69 1.78 0.00	31.83 2.09 0.00	31.78 2.13 0.00	33.93 2.36 0.00	36.35 2.61 0.00	36.54 2.90 0.00	36.07 3.12 0.00	41.51 3.64 0.00	40.91 3.58 0.00	45.46 3.82 0.00	43.40 3.44 0.00	47.02 3.50 0.00
HUDSON_AVE_10 24168	38.57 2.26 0.00	35.44 1.92 0.00	32.55 1.76 0.00	28.58 1.55 0.00	26.70 1.36 0.00	29.83 1.43 0.00	33.17 1.57 0.00	33.38 1.57 0.00	30.81 1.66 0.00	28.56 1.65 0.00	31.67 1.93 0.00	31.63 1.98 0.00	33.76 2.19 0.00	36.15 2.41 0.00	36.35 2.71 0.00	35.88 2.93 0.00	41.29 3.42 0.00	40.74 3.41 0.00	45.28 3.64 0.00	43.22 3.26 0.00	46.84 3.31 0.00
HUDSON___115KV_TB 4 355613	37.73 1.41 0.00	34.77 1.24 0.00	32.00 1.21 0.00	28.11 1.08 0.00	26.40 1.06 0.00	29.53 1.13 0.00	32.82 1.22 0.00	32.89 1.09 0.00	30.17 1.01 0.00	27.69 0.78 0.00	30.60 0.86 0.00	30.45 0.80 0.00	32.33 0.77 0.00	34.59 0.86 0.00	34.55 0.91 0.00	33.92 0.97 0.00	39.22 1.35 0.00	38.64 1.31 0.00	42.91 1.28 0.00	41.40 1.44 0.00	45.25 1.73 0.00
HUNTER MOUNT___DRP 323613	37.87 1.55 0.00	34.88 1.36 0.00	32.10 1.31 0.00	28.20 1.17 0.00	26.48 1.15 0.00	29.63 1.23 0.00	32.92 1.32 0.00	33.02 1.22 0.00	30.27 1.12 0.00	27.77 0.86 0.00	30.69 0.95 0.00	30.55 0.90 0.00	32.44 0.88 0.00	34.72 0.99 0.00	34.69 1.05 0.00	34.07 1.11 0.00	39.43 1.56 0.00	38.80 1.47 0.00	43.15 1.52 0.00	41.64 1.68 0.00	45.48 1.95 0.00
HUNTINGTON_RES_REC 323705	39.20 2.88 0.00	35.83 2.31 0.00	32.81 2.02 0.00	28.77 1.75 0.00	26.86 1.53 0.00	30.03 1.63 0.00	33.41 1.81 0.00	33.43 1.62 0.00	30.98 1.84 0.00	28.64 1.73 0.00	31.79 2.05 0.00	31.66 2.01 0.00	33.90 2.34 0.00	36.49 2.75 0.00	36.31 3.18 0.50	36.22 3.26 0.00	41.63 3.76 0.00	40.96 3.63 0.00	45.50 3.87 0.00	43.41 3.45 0.00	46.89 3.36 0.00
HUNTLEY___63 23557	24.35 -2.77 9.19	22.97 -2.28 8.27	24.74 -2.38 3.67	22.38 -2.15 2.50	23.15 -2.18 0.00	25.50 -2.66 0.24	27.45 -2.83 1.32	22.11 -2.28 7.42	27.01 -2.13 0.00	17.77 -1.75 7.39	19.17 -1.98 8.59	18.03 -1.99 9.63	19.39 -2.01 10.16	22.03 -2.03 9.67	20.67 -2.55 10.42	19.86 -2.57 10.52	24.54 -3.08 10.24	23.40 -3.07 10.86	25.89 -3.49 12.26	31.56 -3.46 4.93	39.29 -4.23 0.00
HUNTLEY___64 23558	24.35 -2.77 9.19	22.97 -2.28 8.27	24.74 -2.38 3.67	22.38 -2.15 2.50	23.15 -2.18 0.00	25.50 -2.66 0.24	27.45 -2.83 1.32	22.11 -2.28 7.42	27.01 -2.13 0.00	17.77 -1.75 7.39	19.17 -1.98 8.59	18.03 -1.99 9.63	19.39 -2.01 10.16	22.03 -2.03 9.67	20.67 -2.55 10.42	19.86 -2.57 10.52	24.54 -3.08 10.24	23.40 -3.07 10.86	25.89 -3.49 12.26	31.56 -3.46 4.93	39.29 -4.23 0.00
HUNTLEY___65 23559	24.35 -2.77 9.19	22.97 -2.28 8.27	24.74 -2.38 3.67	22.38 -2.15 2.50	23.15 -2.18 0.00	25.50 -2.66 0.24	27.45 -2.83 1.32	22.11 -2.28 7.42	27.01 -2.13 0.00	17.77 -1.75 7.39	19.17 -1.98 8.59	18.03 -1.99 9.63	19.39 -2.01 10.16	22.03 -2.03 9.67	20.67 -2.55 10.42	19.86 -2.57 10.52	24.54 -3.08 10.24	23.40 -3.07 10.86	25.89 -3.49 12.26	31.56 -3.46 4.93	39.29 -4.23 0.00
HUNTLEY___66 23560	24.35 -2.77 9.19	22.97 -2.28 8.27	24.74 -2.38 3.67	22.38 -2.15 2.50	23.15 -2.18 0.00	25.50 -2.66 0.24	27.45 -2.83 1.32	22.11 -2.28 7.42	27.01 -2.13 0.00	17.77 -1.75 7.39	19.17 -1.98 8.59	18.03 -1.99 9.63	19.39 -2.01 10.16	22.03 -2.03 9.67	20.67 -2.55 10.42	19.86 -2.57 10.52	24.54 -3.08 10.24	23.40 -3.07 10.86	25.89 -3.49 12.26	31.56 -3.46 4.93	39.29 -4.23 0.00
HUNTLEY___67 23561	22.85 -3.00 10.47	21.64 -2.47 9.42	24.07 -2.54 4.18	21.90 -2.28 2.84	23.05 -2.28 0.00	25.37 -2.76 0.27	27.16 -2.94 1.50	20.95 -2.41 8.44	26.91 -2.23 0.00	16.63 -1.87 8.41	17.83 -2.14 9.78	16.53 -2.16 10.96	17.80 -2.19 11.57	20.46 -2.27 11.01	19.09 -2.69 11.86	18.27 -2.71 11.97	23.05 -3.16 11.66	21.81 -3.16 12.37	24.11 -3.57 13.95	30.79 -3.55 5.62	39.25 -4.27 0.00

HUNTLEY___68 23562	22.85 -3.00 10.47	21.64 -2.47 9.42	24.07 -2.54 4.18	21.90 -2.28 2.84	23.05 -2.28 0.00	25.37 -2.76 0.27	27.16 -2.94 1.50	20.95 -2.41 8.44	26.91 -2.23 0.00	16.63 -1.87 8.41	17.83 -2.14 9.78	16.53 -2.16 10.96	17.80 -2.19 11.57	20.46 -2.27 11.01	19.09 -2.69 11.86	18.27 -2.71 11.97	23.05 -3.16 11.66	21.81 -3.16 12.37	24.11 -3.57 13.95	30.79 -3.55 5.62	39.25 -4.27 0.00
HYLAND___LFGE 323620	69.88 -1.22 -34.77	63.77 -1.05 -31.30	43.49 -1.18 -13.88	35.44 -1.03 -9.44	24.31 -1.04 -0.02	28.03 -1.27 -0.89	35.26 -1.32 -4.98	58.82 -1.04 -28.06	27.87 -1.29 -0.01	53.53 -1.32 -27.94	60.63 -1.61 -32.49	64.56 -1.47 -36.38	68.51 -1.47 -38.42	68.78 -1.52 -36.56	71.33 -1.69 -39.38	71.07 -1.64 -39.75	74.67 -1.91 -38.72	76.71 -1.68 -41.05	86.34 -1.56 -46.26	57.93 -0.74 -18.71	42.80 -0.72 0.00
INDECK___CORINTH 23802	38.66 2.34 0.00	35.50 1.98 0.00	32.60 1.81 0.00	28.63 1.60 0.00	26.91 1.57 0.00	30.15 1.75 0.00	33.52 1.92 0.00	33.54 1.74 0.00	30.72 1.57 0.00	28.45 1.54 0.00	31.30 1.55 0.00	31.21 1.56 0.00	32.71 1.14 0.00	34.75 1.01 0.00	34.56 0.92 0.00	34.01 1.06 0.00	39.65 1.78 0.00	39.27 1.94 0.00	44.14 2.51 0.00	42.50 2.54 0.00	46.22 2.69 0.00
INDECK___ILION 23567	36.42 0.10 0.00	33.57 0.05 0.00	30.86 0.07 0.00	27.12 0.09 0.00	25.48 0.15 0.00	28.56 0.16 0.00	31.72 0.12 0.00	31.77 -0.04 0.00	29.00 -0.15 0.00	26.79 -0.11 0.00	29.50 -0.24 0.00	29.38 -0.27 0.00	31.19 -0.37 0.00	33.36 -0.37 0.00	33.33 -0.31 0.00	32.69 -0.27 0.00	37.70 -0.17 0.00	37.17 -0.16 0.00	41.56 -0.07 0.00	40.11 0.15 0.00	43.87 0.35 0.00
INDECK___OLEAN 23982	24.57 -2.48 9.27	23.17 -2.00 8.34	24.91 -2.18 3.70	22.58 -1.93 2.52	23.43 -1.90 0.00	25.95 -2.22 0.24	27.92 -2.35 1.33	22.39 -1.94 7.48	27.12 -2.03 0.00	17.90 -1.56 7.45	19.30 -1.82 8.62	18.09 -1.96 9.60	19.55 -1.88 10.13	22.24 -2.04 9.64	21.22 -2.08 10.39	20.38 -2.08 10.48	25.29 -2.37 10.21	24.18 -2.32 10.83	26.54 -2.75 12.34	32.30 -2.68 4.98	39.95 -3.57 0.00
INDECK___OSWEGO 23783	35.23 -1.09 0.00	32.53 -0.99 0.00	29.84 -0.95 0.00	26.21 -0.82 0.00	24.56 -0.78 0.00	27.53 -0.87 0.00	30.61 -0.99 0.00	30.80 -1.00 0.00	28.18 -0.97 0.00	25.99 -0.91 0.00	28.72 -1.03 0.00	28.65 -1.00 0.00	30.52 -1.05 0.00	32.62 -1.12 0.00	32.45 -1.19 0.00	31.66 -1.30 0.00	36.22 -1.65 0.00	35.74 -1.59 0.00	39.97 -1.69 -0.03	38.48 -1.48 0.00	41.92 -1.61 0.00
INDECK___YERKES 23781	24.45 -2.67 9.19	23.07 -2.17 8.27	24.81 -2.31 3.67	22.41 -2.12 2.50	23.18 -2.15 0.00	25.54 -2.63 0.24	27.48 -2.81 1.32	22.16 -2.23 7.42	27.02 -2.13 0.00	17.80 -1.71 7.39	19.22 -1.93 8.59	18.09 -1.93 9.63	19.45 -1.95 10.16	22.10 -1.97 9.67	20.75 -2.47 10.42	19.99 -2.44 10.52	24.61 -3.01 10.24	23.48 -2.99 10.86	25.96 -3.41 12.26	31.61 -3.42 4.93	39.33 -4.19 0.00
INDIAN POINT_GT_1 24139	38.35 2.04 0.00	35.28 1.76 0.00	32.38 1.59 0.00	28.44 1.41 0.00	26.57 1.24 0.00	29.70 1.30 0.00	33.02 1.42 0.00	33.23 1.42 0.00	30.60 1.45 0.00	28.34 1.43 0.00	31.42 1.68 0.00	31.37 1.72 0.00	33.50 1.94 0.00	35.91 2.17 0.00	36.08 2.44 0.00	35.60 2.65 0.00	40.96 3.09 0.00	40.38 3.05 0.00	44.89 3.26 0.00	42.89 2.93 0.00	46.49 2.96 0.00
INDIAN POINT_GT_2 23659	38.35 2.04 0.00	35.28 1.76 0.00	32.38 1.59 0.00	28.44 1.41 0.00	26.57 1.24 0.00	29.70 1.30 0.00	33.02 1.42 0.00	33.23 1.42 0.00	30.60 1.45 0.00	28.34 1.43 0.00	31.42 1.68 0.00	31.37 1.72 0.00	33.50 1.94 0.00	35.91 2.17 0.00	36.08 2.44 0.00	35.60 2.65 0.00	40.96 3.09 0.00	40.38 3.05 0.00	44.89 3.26 0.00	42.89 2.93 0.00	46.49 2.96 0.00
INDIAN POINT_GT_3 24019	38.35 2.04 0.00	35.28 1.76 0.00	32.38 1.59 0.00	28.44 1.41 0.00	26.57 1.24 0.00	29.70 1.30 0.00	33.02 1.42 0.00	33.23 1.42 0.00	30.60 1.45 0.00	28.34 1.43 0.00	31.42 1.68 0.00	31.37 1.72 0.00	33.50 1.94 0.00	35.91 2.17 0.00	36.08 2.44 0.00	35.60 2.65 0.00	40.96 3.09 0.00	40.38 3.05 0.00	44.89 3.26 0.00	42.89 2.93 0.00	46.49 2.96 0.00
INDIAN POINT___2 23530	38.30 1.99 0.00	35.23 1.71 0.00	32.34 1.55 0.00	28.41 1.38 0.00	26.54 1.21 0.00	29.66 1.26 0.00	32.99 1.39 0.00	33.20 1.39 0.00	30.58 1.43 0.00	28.31 1.41 0.00	31.39 1.64 0.00	31.33 1.69 0.00	33.46 1.90 0.00	35.87 2.13 0.00	36.04 2.39 0.00	35.56 2.61 0.00	40.93 3.06 0.00	40.34 3.01 0.00	44.86 3.22 0.00	42.85 2.89 0.00	46.45 2.92 0.00
INDIAN POINT___3 23531	38.33 2.01 0.00	35.26 1.73 0.00	32.37 1.58 0.00	28.41 1.38 0.00	26.55 1.22 0.00	29.69 1.29 0.00	33.01 1.41 0.00	33.21 1.40 0.00	30.59 1.44 0.00	28.32 1.42 0.00	31.40 1.66 0.00	31.35 1.70 0.00	33.49 1.92 0.00	35.88 2.15 0.00	36.05 2.41 0.00	35.57 2.62 0.00	40.93 3.06 0.00	40.35 3.01 0.00	44.85 3.22 0.00	42.85 2.89 0.00	46.45 2.92 0.00
INDIANHD_69_KV_BK1 55831	39.31 2.99 0.00	35.94 2.42 0.00	32.90 2.11 0.00	28.84 1.81 0.00	26.92 1.58 0.00	30.10 1.70 0.00	33.48 1.88 0.00	33.48 1.68 0.00	31.04 1.90 0.00	28.70 1.79 0.00	31.87 2.12 0.00	31.72 2.07 0.00	33.97 2.41 0.00	36.59 2.86 0.00	36.45 3.31 0.51	36.36 3.41 0.00	41.79 3.92 0.00	41.11 3.77 0.00	45.66 4.02 0.00	43.56 3.60 0.00	47.02 3.49 0.00
INGHAM_C_115KV_TB7 356103	36.48 0.16 0.00	33.55 0.03 0.00	30.88 0.09 0.00	27.16 0.13 0.00	25.60 0.27 0.00	28.68 0.27 0.00	31.80 0.20 0.00	31.65 -0.16 0.00	28.74 -0.41 0.00	26.57 -0.34 0.00	29.10 -0.64 0.00	28.94 -0.71 0.00	30.59 -0.97 0.00	32.74 -0.99 0.00	32.80 -0.84 0.00	32.19 -0.76 0.00	37.30 -0.58 0.00	36.83 -0.50 0.00	41.26 -0.37 0.00	40.12 0.16 0.00	44.09 0.56 0.00
IP CORINTH___1 23988	38.66 2.34 0.00	35.50 1.98 0.00	32.60 1.81 0.00	28.63 1.60 0.00	26.90 1.57 0.00	30.15 1.75 0.00	33.52 1.92 0.00	33.54 1.74 0.00	30.72 1.58 0.00	28.45 1.54 0.00	31.30 1.55 0.00	31.21 1.56 0.00	32.71 1.14 0.00	34.75 1.01 0.00	34.56 0.92 0.00	34.01 1.06 0.00	39.65 1.78 0.00	39.27 1.94 0.00	44.14 2.51 0.00	42.50 2.54 0.00	46.22 2.69 0.00

IP__TICONDEROGA 23804	39.76 3.44 0.00	36.33 2.81 0.00	33.30 2.51 0.00	29.33 2.31 0.00	27.52 2.19 0.00	30.88 2.48 0.00	34.34 2.73 0.00	34.17 2.36 0.00	31.35 2.20 0.00	29.12 2.22 0.00	32.14 2.40 0.00	32.01 2.35 0.00	33.61 2.05 0.00	35.37 1.64 0.00	34.96 1.32 0.00	34.52 1.57 0.00	40.17 2.30 0.00	40.00 2.67 0.00	44.57 2.93 0.00	43.06 3.10 0.00	47.36 3.83 0.00
ISLIP_RES_REC 323679	39.48 3.16 0.00	36.09 2.57 0.00	33.03 2.24 0.00	28.97 1.94 0.00	27.04 1.71 0.00	30.22 1.82 0.00	33.60 2.00 0.00	33.58 1.77 0.00	31.19 2.04 0.00	28.79 1.89 0.00	31.94 2.20 0.00	31.78 2.13 0.00	34.03 2.47 0.00	36.64 2.90 0.00	36.54 3.34 0.44	36.48 3.53 0.00	41.96 4.09 0.00	41.26 3.93 0.00	45.82 4.19 0.00	43.74 3.78 0.00	47.23 3.70 0.00
JAMAICA__27_KV_LOAD 355505	38.74 2.42 0.00	35.59 2.07 0.00	32.67 1.88 0.00	28.70 1.67 0.00	26.79 1.46 0.00	29.94 1.54 0.00	33.29 1.69 0.00	33.49 1.68 0.00	30.94 1.79 0.00	28.65 1.74 0.00	31.76 2.02 0.00	31.72 2.07 0.00	33.84 2.28 0.00	36.21 2.47 0.00	36.39 2.75 0.00	35.94 2.99 0.00	41.38 3.51 0.00	40.91 3.58 0.00	45.53 3.89 0.00	43.46 3.51 0.00	47.10 3.57 0.00
JANIS__SOLAR 323808	38.88 0.01 -2.54	35.82 0.00 -2.29	31.61 -0.19 -1.02	27.56 -0.16 -0.69	25.23 -0.10 0.00	28.39 -0.08 -0.07	31.88 -0.08 -0.36	33.84 -0.02 -2.05	28.87 -0.28 0.00	28.39 -0.56 -2.04	31.15 -0.98 -2.38	31.32 -0.99 -2.66	33.47 -0.90 -2.81	35.54 -0.87 -2.68	35.74 -0.77 -2.88	34.88 -0.98 -2.91	39.53 -1.18 -2.83	39.52 -0.81 -3.00	44.64 -0.37 -3.38	41.91 0.57 -1.39	44.42 0.89 0.00
JARVIS____ 23743	36.42 0.10 0.00	33.60 0.08 0.00	30.87 0.08 0.00	27.11 0.08 0.00	25.42 0.09 0.00	28.49 0.09 0.00	31.69 0.08 0.00	31.86 0.05 0.00	29.18 0.03 0.00	26.93 0.03 0.00	29.77 0.03 0.00	29.67 0.02 0.00	31.58 0.02 0.00	33.76 0.03 0.00	33.67 0.03 0.00	32.99 0.04 0.00	37.94 0.07 0.00	37.37 0.04 0.00	41.69 0.05 0.00	40.03 0.07 0.00	43.62 0.09 0.00
JENNISON__1 23625	36.35 0.03 0.00	33.39 -0.13 0.00	30.45 -0.34 0.00	26.75 -0.28 0.00	25.13 -0.21 0.00	28.25 -0.15 0.00	31.42 -0.18 0.00	31.74 -0.06 0.00	29.01 -0.14 0.00	26.80 -0.10 0.00	29.32 -0.42 0.00	29.15 -0.50 0.00	31.20 -0.36 0.00	33.45 -0.28 0.00	33.48 -0.16 0.00	32.84 -0.11 0.00	37.72 -0.15 0.00	37.43 0.10 0.00	42.16 0.53 0.00	41.10 1.14 0.00	44.83 1.30 0.00
JENNISON__2 23626	36.35 0.03 0.00	33.39 -0.13 0.00	30.45 -0.34 0.00	26.75 -0.28 0.00	25.13 -0.21 0.00	28.25 -0.15 0.00	31.42 -0.18 0.00	31.74 -0.06 0.00	29.01 -0.14 0.00	26.80 -0.10 0.00	29.32 -0.42 0.00	29.15 -0.50 0.00	31.20 -0.36 0.00	33.45 -0.28 0.00	33.48 -0.16 0.00	32.84 -0.11 0.00	37.72 -0.15 0.00	37.43 0.10 0.00	42.16 0.53 0.00	41.10 1.14 0.00	44.83 1.30 0.00
JERICHO_RISE_WT_PWR 323719	35.63 -0.69 0.00	32.80 -0.73 0.00	30.20 -0.59 0.00	26.44 -0.59 0.00	24.78 -0.55 0.00	27.85 -0.55 0.00	31.04 -0.56 0.00	31.31 -0.50 0.00	28.86 -0.29 0.00	26.68 -0.23 0.00	29.56 -0.19 0.00	29.41 -0.24 0.00	31.23 -0.34 0.00	33.33 -0.40 0.00	33.19 -0.45 0.00	32.52 -0.44 0.00	37.57 -0.30 0.00	37.08 -0.25 0.00	41.33 -0.31 0.00	39.44 -0.52 0.00	43.09 -0.44 0.00
KATONAH__115KV_46KV_TB4 355592	38.52 2.20 0.00	35.42 1.90 0.00	32.52 1.74 0.00	28.54 1.52 0.00	26.67 1.34 0.00	29.81 1.41 0.00	33.15 1.55 0.00	33.35 1.55 0.00	30.72 1.57 0.00	28.47 1.57 0.00	31.58 1.84 0.00	31.55 1.90 0.00	33.69 2.13 0.00	36.09 2.35 0.00	36.25 2.62 0.00	35.76 2.81 0.00	41.15 3.28 0.00	40.59 3.26 0.00	45.12 3.49 0.00	43.09 3.13 0.00	46.71 3.18 0.00
KCE_NY_1 323755	38.14 1.82 0.00	35.12 1.60 0.00	32.27 1.48 0.00	28.34 1.31 0.00	26.66 1.33 0.00	29.85 1.45 0.00	33.15 1.55 0.00	33.17 1.37 0.00	30.37 1.22 0.00	28.04 1.14 0.00	30.97 1.23 0.00	30.91 1.26 0.00	32.69 1.13 0.00	34.85 1.11 0.00	34.78 1.14 0.00	34.10 1.14 0.00	39.43 1.56 0.00	38.93 1.60 0.00	43.56 1.93 0.00	41.86 1.91 0.00	45.62 2.09 0.00
KCE_NY_6_ESR 323823	22.34 -2.67 11.31	21.17 -2.18 10.18	23.97 -2.30 4.51	21.88 -2.07 3.07	23.25 -2.08 0.00	25.61 -2.51 0.29	27.29 -2.69 1.62	20.55 -2.13 9.12	27.09 -2.06 0.00	16.14 -1.68 9.09	17.21 -1.97 10.57	15.83 -1.98 11.84	17.10 -1.96 12.50	19.82 -2.02 11.90	18.42 -2.40 12.81	17.65 -2.37 12.93	22.50 -2.78 12.60	21.25 -2.72 13.36	23.56 -3.00 15.07	30.92 -2.97 6.07	39.81 -3.71 0.00
KEDC_PORT_JEFF_GT2 24210	39.26 2.94 0.00	35.90 2.38 0.00	32.86 2.08 0.00	28.83 1.81 0.00	26.92 1.58 0.00	30.08 1.68 0.00	33.45 1.84 0.00	33.40 1.60 0.00	31.02 1.87 0.00	28.64 1.73 0.00	31.79 2.05 0.00	31.64 1.99 0.00	33.87 2.30 0.00	36.43 2.69 0.00	36.22 3.12 0.54	36.25 3.30 0.00	41.67 3.80 0.00	40.94 3.61 0.00	45.44 3.80 0.00	43.36 3.41 0.00	46.84 3.31 0.00
KEDC_PORT_JEFF_GT3 24211	39.26 2.94 0.00	35.90 2.38 0.00	32.86 2.08 0.00	28.83 1.81 0.00	26.92 1.58 0.00	30.08 1.68 0.00	33.45 1.84 0.00	33.40 1.60 0.00	31.02 1.87 0.00	28.64 1.73 0.00	31.79 2.05 0.00	31.64 1.99 0.00	33.87 2.30 0.00	36.43 2.69 0.00	36.22 3.12 0.54	36.25 3.30 0.00	41.67 3.80 0.00	40.94 3.61 0.00	45.44 3.80 0.00	43.36 3.41 0.00	46.84 3.31 0.00
KEDC_GLWD_GT4 24219	38.93 2.61 0.00	35.71 2.19 0.00	32.76 1.97 0.00	28.74 1.72 0.00	26.85 1.52 0.00	29.99 1.59 0.00	33.38 1.78 0.00	33.53 1.73 0.00	30.95 1.81 0.00	28.68 1.77 0.00	31.84 2.09 0.00	31.79 2.14 0.00	33.99 2.43 0.00	36.48 2.74 0.00	40.77 3.09 -4.04	36.16 3.21 0.00	41.58 3.71 0.00	40.97 3.64 0.00	45.42 3.78 0.00	43.36 3.40 0.00	47.06 3.53 0.00
KEDC_GLWD_GT5 24220	38.93 2.61 0.00	35.71 2.19 0.00	32.76 1.97 0.00	28.74 1.72 0.00	26.85 1.52 0.00	29.99 1.59 0.00	33.38 1.78 0.00	33.53 1.73 0.00	30.95 1.81 0.00	28.68 1.77 0.00	31.84 2.09 0.00	31.79 2.14 0.00	33.99 2.43 0.00	36.48 2.74 0.00	40.77 3.09 -4.04	36.16 3.21 0.00	41.58 3.71 0.00	40.97 3.64 0.00	45.42 3.78 0.00	43.36 3.40 0.00	47.06 3.53 0.00

KENSICO____ 23655	38.48 2.16 0.00	35.37 1.85 0.00	32.48 1.69 0.00	28.52 1.49 0.00	26.65 1.31 0.00	29.78 1.38 0.00	33.12 1.52 0.00	33.32 1.52 0.00	30.70 1.55 0.00	28.44 1.54 0.00	31.54 1.80 0.00	31.49 1.84 0.00	33.62 2.06 0.00	36.04 2.30 0.00	36.20 2.56 0.00	35.72 2.77 0.00	41.10 3.23 0.00	40.52 3.19 0.00	45.04 3.40 0.00	43.01 3.05 0.00	46.62 3.09 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.49 2.17 0.00	35.37 1.85 0.00	32.44 1.65 0.00	28.48 1.45 0.00	26.61 1.28 0.00	29.75 1.35 0.00	33.08 1.48 0.00	33.31 1.50 0.00	30.58 1.43 0.00	28.33 1.42 0.00	31.27 1.52 0.00	31.20 1.55 0.00	33.35 1.79 0.00	35.82 2.08 0.00	35.79 2.15 0.00	35.35 2.39 0.00	40.63 2.76 0.00	40.22 2.88 0.00	44.92 3.28 0.00	43.02 3.06 0.00	46.84 3.32 0.00
KIAC_JFK_GT1 23816	38.50 2.18 0.00	35.38 1.86 0.00	32.49 1.70 0.00	28.54 1.51 0.00	26.65 1.32 0.00	29.78 1.38 0.00	33.12 1.52 0.00	33.31 1.51 0.00	30.77 1.63 0.00	28.50 1.60 0.00	31.60 1.86 0.00	31.56 1.91 0.00	33.67 2.10 0.00	36.01 2.27 0.00	36.14 2.51 0.00	35.65 2.70 0.00	41.02 3.15 0.00	40.56 3.23 0.00	45.11 3.48 0.00	43.08 3.12 0.00	46.71 3.18 0.00
KIAC_JFK_GT2 23817	38.50 2.18 0.00	35.38 1.86 0.00	32.49 1.70 0.00	28.54 1.51 0.00	26.65 1.32 0.00	29.78 1.38 0.00	33.12 1.52 0.00	33.31 1.51 0.00	30.77 1.63 0.00	28.50 1.60 0.00	31.60 1.86 0.00	31.56 1.91 0.00	33.67 2.10 0.00	36.01 2.27 0.00	36.14 2.51 0.00	35.65 2.70 0.00	41.02 3.15 0.00	40.56 3.23 0.00	45.11 3.48 0.00	43.08 3.12 0.00	46.71 3.18 0.00
KIAC_JFK____ 323774	38.50 2.18 0.00	35.37 1.84 0.00	32.48 1.69 0.00	28.54 1.51 0.00	26.65 1.31 0.00	29.77 1.37 0.00	33.12 1.51 0.00	33.30 1.49 0.00	30.78 1.63 0.00	28.50 1.60 0.00	31.60 1.85 0.00	31.56 1.91 0.00	33.66 2.10 0.00	36.00 2.26 0.00	36.13 2.50 0.00	35.63 2.68 0.00	41.02 3.15 0.00	40.56 3.23 0.00	45.11 3.48 0.00	43.08 3.12 0.00	46.71 3.18 0.00
KINTIGH_24_KV_GSU 356498	28.24 -2.59 5.49	26.46 -2.11 4.94	26.41 -2.19 2.19	23.56 -1.98 1.49	23.37 -1.96 0.00	25.87 -2.40 0.14	28.24 -2.57 0.79	25.24 -2.13 4.43	27.18 -1.97 0.00	20.84 -1.66 4.41	22.76 -1.86 5.14	22.03 -1.88 5.75	23.58 -1.91 6.07	25.95 -2.01 5.78	25.08 -2.34 6.22	24.33 -2.35 6.28	28.94 -2.81 6.12	28.02 -2.82 6.49	31.07 -3.23 7.34	33.80 -3.21 2.94	39.73 -3.80 0.00
KINTIGH____ 23543	28.15 -2.68 5.49	26.37 -2.21 4.94	26.35 -2.24 2.19	23.54 -2.00 1.49	23.35 -1.97 0.00	25.82 -2.44 0.14	28.22 -2.60 0.79	25.19 -2.19 4.43	27.17 -1.98 0.00	20.81 -1.68 4.41	22.71 -1.91 5.14	21.98 -1.92 5.75	23.53 -1.97 6.07	25.89 -2.06 5.78	25.01 -2.41 6.22	24.22 -2.45 6.28	28.88 -2.87 6.12	27.96 -2.88 6.49	31.01 -3.29 7.34	33.76 -3.25 2.94	39.69 -3.84 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.13 -0.19 0.00	33.18 -0.34 0.00	30.57 -0.22 0.00	26.75 -0.28 0.00	25.07 -0.26 0.00	28.20 -0.20 0.00	31.41 -0.19 0.00	31.65 -0.15 0.00	29.20 0.05 0.00	27.02 0.11 0.00	29.89 0.14 0.00	29.70 0.05 0.00	31.52 -0.04 0.00	33.64 -0.10 0.00	33.52 -0.12 0.00	32.86 -0.09 0.00	37.97 0.11 0.00	37.49 0.16 0.00	41.78 0.15 0.00	40.03 0.07 0.00	43.69 0.17 0.00
LACHUTE____HYDRO 323717	39.75 3.44 0.00	36.33 2.81 0.00	33.30 2.51 0.00	29.33 2.30 0.00	27.52 2.19 0.00	30.88 2.48 0.00	34.34 2.73 0.00	34.17 2.36 0.00	31.35 2.20 0.00	29.12 2.22 0.00	32.14 2.40 0.00	32.01 2.36 0.00	33.61 2.05 0.00	35.37 1.64 0.00	34.96 1.32 0.00	34.52 1.56 0.00	40.17 2.30 0.00	40.01 2.68 0.00	44.57 2.94 0.00	43.06 3.10 0.00	47.36 3.83 0.00
LAWRNCAV_115KV_TB1 80681	35.58 -0.74 0.00	32.86 -0.66 0.00	30.19 -0.60 0.00	26.44 -0.59 0.00	24.77 -0.57 0.00	27.95 -0.45 0.00	31.18 -0.42 0.00	31.34 -0.46 0.00	28.79 -0.36 0.00	26.61 -0.30 0.00	29.41 -0.33 0.00	29.18 -0.47 0.00	30.89 -0.67 0.00	32.97 -0.77 0.00	32.82 -0.82 0.00	32.08 -0.87 0.00	37.11 -0.76 0.00	36.67 -0.66 0.00	41.12 -0.52 0.00	39.49 -0.47 0.00	43.10 -0.43 0.00
LEDERLE____ 23769	38.56 2.24 0.00	35.46 1.94 0.00	32.54 1.75 0.00	28.56 1.53 0.00	26.69 1.36 0.00	29.83 1.43 0.00	33.18 1.58 0.00	33.40 1.60 0.00	30.76 1.61 0.00	28.49 1.58 0.00	31.58 1.84 0.00	31.53 1.88 0.00	33.70 2.14 0.00	36.16 2.42 0.00	36.33 2.69 0.00	35.87 2.92 0.00	41.27 3.40 0.00	40.69 3.36 0.00	45.24 3.61 0.00	43.20 3.24 0.00	46.80 3.27 0.00
LIGHTHSE_115KV_TB6 355974	35.09 -1.23 0.00	32.37 -1.15 0.00	29.71 -1.08 0.00	26.11 -0.93 0.00	24.48 -0.85 0.00	27.52 -0.89 0.00	30.57 -1.03 0.00	30.64 -1.16 0.00	27.96 -1.19 0.00	25.84 -1.07 0.00	28.55 -1.20 0.00	28.49 -1.16 0.00	30.26 -1.31 0.00	32.31 -1.42 0.00	32.18 -1.46 0.00	31.32 -1.63 0.00	35.83 -2.04 0.00	35.32 -2.01 0.00	39.73 -1.91 -0.01	38.53 -1.43 0.00	42.12 -1.40 0.00
LINDEN COGEN____ 23786	38.56 2.24 0.00	35.44 1.92 0.00	32.55 1.76 0.00	28.58 1.55 0.00	26.70 1.37 0.00	29.83 1.42 0.00	33.17 1.57 0.00	33.39 1.59 0.00	30.81 1.66 0.00	28.55 1.64 0.00	31.65 1.90 0.00	31.60 1.95 0.00	33.74 2.18 0.00	36.15 2.41 0.00	36.34 2.70 0.00	35.88 2.93 0.00	41.30 3.43 0.00	40.70 3.37 0.00	45.24 3.61 0.00	43.19 3.23 0.00	46.80 3.27 0.00
LINDHRST_69_KV_BK1 356055	39.52 3.20 0.00	36.14 2.62 0.00	33.08 2.29 0.00	29.00 1.97 0.00	27.07 1.74 0.00	30.26 1.85 0.00	33.67 2.07 0.00	33.74 1.93 0.00	31.21 2.06 0.00	28.86 1.96 0.00	32.05 2.31 0.00	31.95 2.30 0.00	34.19 2.63 0.00	36.78 3.04 0.00	38.41 3.53 -1.23	36.54 3.58 0.00	41.95 4.08 0.00	41.35 4.02 0.00	45.97 4.34 0.00	43.89 3.93 0.00	47.45 3.92 0.00
LIPA_MISC_IPP 23656	39.14 2.82 0.00	35.83 2.31 0.00	32.80 2.01 0.00	28.78 1.75 0.00	26.87 1.53 0.00	30.04 1.64 0.00	33.37 1.77 0.00	33.29 1.49 0.00	30.97 1.82 0.00	28.56 1.65 0.00	31.65 1.90 0.00	31.47 1.82 0.00	33.68 2.12 0.00	36.19 2.46 0.00	35.94 2.89 0.58	36.04 3.09 0.00	41.44 3.58 0.00	40.71 3.38 0.00	45.25 3.62 0.00	43.22 3.26 0.00	46.71 3.18 0.00

LISF__SOLAR 323691	39.20 2.88 0.00	35.88 2.36 0.00	32.84 2.05 0.00	28.83 1.80 0.00	26.91 1.58 0.00	30.07 1.67 0.00	33.41 1.81 0.00	33.33 1.52 0.00	31.02 1.87 0.00	28.58 1.68 0.00	31.66 1.92 0.00	31.48 1.83 0.00	33.68 2.12 0.00	36.19 2.45 0.00	35.93 2.86 0.57	36.06 3.11 0.00	41.50 3.63 0.00	40.77 3.44 0.00	45.33 3.70 0.00	43.30 3.34 0.00	46.80 3.27 0.00
LITTLE FALLS__HYD 24013	36.48 0.16 0.00	33.55 0.03 0.00	30.88 0.09 0.00	27.16 0.13 0.00	25.60 0.27 0.00	28.68 0.27 0.00	31.80 0.20 0.00	31.65 -0.16 0.00	28.74 -0.41 0.00	26.57 -0.34 0.00	29.10 -0.64 0.00	28.94 -0.71 0.00	30.59 -0.97 0.00	32.74 -0.99 0.00	32.80 -0.84 0.00	32.19 -0.76 0.00	37.30 -0.58 0.00	36.83 -0.50 0.00	41.26 -0.37 0.00	40.12 0.16 0.00	44.09 0.56 0.00
LITTLRIV_115KV_TB1 356100	35.97 -0.35 0.00	33.23 -0.29 0.00	30.52 -0.27 0.00	26.72 -0.31 0.00	25.02 -0.31 0.00	28.26 -0.15 0.00	31.51 -0.09 0.00	31.60 -0.20 0.00	29.03 -0.12 0.00	26.86 -0.05 0.00	29.63 -0.12 0.00	29.34 -0.31 0.00	30.99 -0.58 0.00	33.05 -0.69 0.00	32.96 -0.68 0.00	32.17 -0.78 0.00	37.27 -0.60 0.00	36.97 -0.36 0.00	41.60 -0.03 0.00	39.98 0.02 0.00	43.58 0.05 0.00
LI_NEWBRDGE__DRP 323616	38.85 2.53 0.00	35.58 2.06 0.00	32.62 1.83 0.00	28.62 1.59 0.00	26.71 1.38 0.00	29.88 1.48 0.00	33.23 1.63 0.00	33.34 1.54 0.00	30.80 1.65 0.00	28.50 1.59 0.00	31.65 1.90 0.00	31.56 1.91 0.00	33.76 2.19 0.00	36.28 2.54 0.00	35.14 2.97 1.48	35.94 2.99 0.00	41.29 3.42 0.00	40.67 3.34 0.00	45.19 3.56 0.00	43.14 3.18 0.00	46.67 3.14 0.00
LOCKPORT_115KV_TB60_63_64 80432	25.56 -2.89 7.87	24.07 -2.37 7.08	25.12 -2.53 3.14	22.60 -2.29 2.14	22.96 -2.36 0.00	25.37 -2.83 0.20	27.45 -3.02 1.13	23.02 -2.44 6.35	26.72 -2.43 0.00	18.68 -1.90 6.32	20.24 -2.15 7.36	19.27 -2.15 8.24	20.67 -2.19 8.70	23.35 -2.11 8.28	22.01 -2.72 8.92	21.19 -2.77 9.00	25.92 -3.19 8.77	24.81 -3.22 9.30	27.52 -3.62 10.49	31.99 -3.75 4.22	38.86 -4.67 0.00
LOCKPORT__CC1 323769	25.05 -2.88 8.39	23.64 -2.33 7.55	24.94 -2.50 3.35	22.46 -2.29 2.28	22.97 -2.36 0.00	25.34 -2.85 0.22	27.38 -3.02 1.20	22.61 -2.43 6.77	26.72 -2.43 0.00	18.25 -1.91 6.74	19.76 -2.15 7.84	18.73 -2.14 8.78	20.11 -2.18 9.27	22.78 -2.13 8.83	21.44 -2.69 9.51	20.66 -2.69 9.60	25.34 -3.18 9.35	24.22 -3.20 9.91	26.82 -3.62 11.19	31.72 -3.74 4.50	38.90 -4.63 0.00
LOCKPORT__CC2 323770	25.05 -2.88 8.39	23.64 -2.33 7.55	24.94 -2.50 3.35	22.46 -2.29 2.28	22.97 -2.36 0.00	25.34 -2.85 0.22	27.38 -3.02 1.20	22.61 -2.43 6.77	26.72 -2.43 0.00	18.25 -1.91 6.74	19.76 -2.15 7.84	18.73 -2.14 8.78	20.11 -2.18 9.27	22.78 -2.13 8.83	21.44 -2.69 9.51	20.66 -2.69 9.60	25.34 -3.18 9.35	24.22 -3.20 9.91	26.82 -3.62 11.19	31.72 -3.74 4.50	38.90 -4.63 0.00
LOCKPORT__CC3 323771	25.05 -2.88 8.39	23.64 -2.33 7.55	24.94 -2.50 3.35	22.46 -2.29 2.28	22.97 -2.36 0.00	25.34 -2.85 0.22	27.38 -3.02 1.20	22.61 -2.43 6.77	26.72 -2.43 0.00	18.25 -1.91 6.74	19.76 -2.15 7.84	18.73 -2.14 8.78	20.11 -2.18 9.27	22.78 -2.13 8.83	21.44 -2.69 9.51	20.66 -2.69 9.60	25.34 -3.18 9.35	24.22 -3.20 9.91	26.82 -3.62 11.19	31.72 -3.74 4.50	38.90 -4.63 0.00
LOCUSVLY_69_KV_BK2 55797	39.11 2.79 0.00	35.83 2.31 0.00	32.85 2.06 0.00	28.81 1.78 0.00	26.91 1.57 0.00	30.08 1.67 0.00	33.46 1.85 0.00	33.58 1.78 0.00	31.03 1.88 0.00	28.74 1.84 0.00	31.93 2.18 0.00	31.88 2.23 0.00	34.10 2.53 0.00	36.65 2.91 0.00	39.87 3.28 -2.94	36.30 3.35 0.00	41.70 3.83 0.00	41.10 3.77 0.00	45.63 3.99 0.00	43.52 3.56 0.00	47.15 3.62 0.00
LONG_LAKE_PHOENIX 24014	35.31 -1.01 0.00	32.61 -0.91 0.00	29.90 -0.89 0.00	26.26 -0.77 0.00	24.61 -0.73 0.00	27.57 -0.83 0.00	30.68 -0.93 0.00	30.87 -0.93 0.00	28.25 -0.90 0.00	26.03 -0.88 0.00	28.76 -0.99 0.00	28.69 -0.96 0.00	30.58 -0.98 0.00	32.68 -1.06 0.00	32.51 -1.13 0.00	31.75 -1.20 0.00	36.36 -1.51 0.00	35.87 -1.46 0.00	40.11 -1.54 -0.02	38.60 -1.36 0.00	42.05 -1.48 0.00
LOVETT__3 23632	38.28 1.96 0.00	35.22 1.70 0.00	32.32 1.53 0.00	28.38 1.36 0.00	26.53 1.20 0.00	29.65 1.25 0.00	32.98 1.38 0.00	33.18 1.37 0.00	30.56 1.41 0.00	28.29 1.39 0.00	31.36 1.62 0.00	31.31 1.66 0.00	33.45 1.89 0.00	35.85 2.12 0.00	36.02 2.38 0.00	35.55 2.59 0.00	40.89 3.02 0.00	40.31 2.98 0.00	44.82 3.19 0.00	42.81 2.85 0.00	46.41 2.88 0.00
LOVETT__4 23642	38.28 1.96 0.00	35.22 1.70 0.00	32.32 1.53 0.00	28.38 1.36 0.00	26.53 1.20 0.00	29.65 1.25 0.00	32.98 1.38 0.00	33.18 1.37 0.00	30.56 1.41 0.00	28.29 1.39 0.00	31.36 1.62 0.00	31.31 1.66 0.00	33.45 1.89 0.00	35.85 2.12 0.00	36.02 2.38 0.00	35.55 2.59 0.00	40.89 3.02 0.00	40.31 2.98 0.00	44.82 3.19 0.00	42.81 2.85 0.00	46.41 2.88 0.00
LOVETT__5 23593	38.28 1.96 0.00	35.22 1.70 0.00	32.32 1.53 0.00	28.38 1.36 0.00	26.53 1.20 0.00	29.65 1.25 0.00	32.98 1.38 0.00	33.18 1.37 0.00	30.56 1.41 0.00	28.29 1.39 0.00	31.36 1.62 0.00	31.31 1.66 0.00	33.45 1.89 0.00	35.85 2.12 0.00	36.02 2.38 0.00	35.55 2.59 0.00	40.89 3.02 0.00	40.31 2.98 0.00	44.82 3.19 0.00	42.81 2.85 0.00	46.41 2.88 0.00
LOWER RAQUET__HYD 24057	35.43 -0.89 0.00	32.72 -0.80 0.00	30.07 -0.72 0.00	26.33 -0.70 0.00	24.66 -0.67 0.00	27.85 -0.56 0.00	31.07 -0.53 0.00	31.21 -0.60 0.00	28.66 -0.49 0.00	26.50 -0.41 0.00	29.28 -0.46 0.00	29.03 -0.62 0.00	30.72 -0.85 0.00	32.77 -0.96 0.00	32.63 -1.01 0.00	31.88 -1.08 0.00	36.91 -0.96 0.00	36.49 -0.83 0.00	40.95 -0.68 0.00	39.36 -0.60 0.00	42.97 -0.56 0.00
LOWER__HUDSON 24059	37.59 1.27 0.00	34.60 1.08 0.00	31.88 1.09 0.00	28.00 0.97 0.00	26.35 1.02 0.00	29.49 1.09 0.00	32.77 1.17 0.00	32.81 1.00 0.00	30.04 0.89 0.00	27.70 0.79 0.00	30.61 0.86 0.00	30.52 0.87 0.00	32.40 0.84 0.00	34.60 0.86 0.00	34.51 0.87 0.00	33.89 0.94 0.00	39.05 1.18 0.00	38.46 1.13 0.00	42.83 1.20 0.00	41.06 1.10 0.00	44.75 1.22 0.00

LOWVILLE_115KV_TB2 356335	34.81 -1.51 0.00	32.07 -1.45 0.00	29.52 -1.27 0.00	25.96 -1.07 0.00	24.42 -0.91 0.00	27.69 -0.72 0.00	30.79 -0.82 0.00	30.64 -1.16 0.00	27.84 -1.31 0.00	25.80 -1.10 0.00	28.62 -1.12 0.00	28.49 -1.16 0.00	29.98 -1.58 0.00	31.91 -1.83 0.00	31.94 -1.70 0.00	30.99 -1.97 0.00	35.66 -2.21 0.00	35.08 -2.25 0.00	39.90 -1.73 0.00	38.91 -1.05 0.00	42.73 -0.79 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.12 1.81 0.00	35.09 1.57 0.00	32.26 1.47 0.00	28.34 1.31 0.00	26.64 1.30 0.00	29.83 1.43 0.00	33.15 1.54 0.00	33.17 1.37 0.00	30.35 1.21 0.00	28.04 1.14 0.00	30.96 1.22 0.00	30.89 1.23 0.00	32.67 1.11 0.00	34.84 1.10 0.00	34.74 1.10 0.00	34.09 1.14 0.00	39.39 1.53 0.00	38.91 1.58 0.00	43.52 1.89 0.00	41.83 1.87 0.00	45.58 2.05 0.00
LUTHERNY_35_KV_BK2 355980	38.14 1.82 0.00	35.12 1.60 0.00	32.28 1.49 0.00	28.34 1.31 0.00	26.66 1.33 0.00	29.85 1.45 0.00	33.15 1.55 0.00	33.17 1.37 0.00	30.37 1.22 0.00	28.04 1.14 0.00	30.97 1.23 0.00	30.91 1.26 0.00	32.69 1.13 0.00	34.86 1.12 0.00	34.78 1.14 0.00	34.11 1.15 0.00	39.43 1.56 0.00	38.94 1.61 0.00	43.56 1.93 0.00	41.86 1.90 0.00	45.62 2.09 0.00
LWR__OSWEGATCHIE_HYD 23850	34.78 -1.54 0.00	32.07 -1.45 0.00	29.49 -1.30 0.00	25.88 -1.15 0.00	24.29 -1.04 0.00	27.47 -0.93 0.00	30.60 -1.00 0.00	30.58 -1.23 0.00	27.93 -1.22 0.00	25.86 -1.05 0.00	28.62 -1.13 0.00	28.44 -1.21 0.00	30.01 -1.56 0.00	32.00 -1.73 0.00	31.94 -1.70 0.00	31.09 -1.87 0.00	35.84 -2.03 0.00	35.36 -1.97 0.00	39.97 -1.66 0.00	38.72 -1.24 0.00	42.40 -1.13 0.00
LYONS_FALL_HYD 23570	35.60 -0.72 0.00	32.81 -0.71 0.00	30.17 -0.61 0.00	26.52 -0.51 0.00	24.92 -0.42 0.00	28.11 -0.29 0.00	31.26 -0.34 0.00	31.26 -0.54 0.00	28.47 -0.68 0.00	26.36 -0.54 0.00	29.18 -0.57 0.00	29.04 -0.62 0.00	30.71 -0.86 0.00	32.74 -0.99 0.00	32.71 -0.92 0.00	31.84 -1.11 0.00	36.68 -1.19 0.00	36.12 -1.21 0.00	40.83 -0.80 0.00	39.60 -0.36 0.00	43.39 -0.14 0.00
MADISON__COUNTY_LFGE 323628	36.63 0.31 0.00	33.79 0.26 0.00	31.00 0.21 0.00	27.24 0.21 0.00	25.53 0.20 0.00	28.64 0.24 0.00	31.87 0.27 0.00	32.06 0.25 0.00	29.23 0.08 0.00	27.01 0.10 0.00	29.75 0.00 0.00	29.58 -0.07 0.00	31.51 -0.05 0.00	33.69 -0.05 0.00	33.57 -0.08 0.00	32.80 -0.15 0.00	37.74 -0.13 0.00	37.30 -0.03 0.00	41.84 0.21 0.00	40.39 0.43 0.00	44.16 0.63 0.00
MALONE__115KV_TB1 356076	35.72 -0.60 0.00	32.89 -0.63 0.00	30.26 -0.53 0.00	26.48 -0.54 0.00	24.82 -0.51 0.00	27.94 -0.47 0.00	31.16 -0.44 0.00	31.43 -0.38 0.00	28.98 -0.17 0.00	26.81 -0.10 0.00	29.69 -0.06 0.00	29.50 -0.15 0.00	31.28 -0.28 0.00	33.39 -0.35 0.00	33.16 -0.48 0.00	32.45 -0.50 0.00	37.52 -0.35 0.00	37.06 -0.27 0.00	41.48 -0.15 0.00	39.67 -0.28 0.00	43.31 -0.22 0.00
MAPLEWOD_115KV_TB3 80458	37.45 1.13 0.00	34.51 0.98 0.00	31.78 0.99 0.00	27.92 0.89 0.00	26.24 0.90 0.00	29.35 0.95 0.00	32.62 1.01 0.00	32.69 0.88 0.00	29.96 0.81 0.00	27.62 0.72 0.00	30.54 0.79 0.00	30.45 0.80 0.00	32.36 0.80 0.00	34.60 0.86 0.00	34.51 0.87 0.00	33.87 0.92 0.00	38.99 1.12 0.00	38.40 1.07 0.00	42.77 1.14 0.00	41.01 1.05 0.00	44.66 1.14 0.00
MAPLE_RIDGE_WT_1 323574	35.53 -0.78 0.00	32.80 -0.72 0.00	30.21 -0.58 0.00	26.56 -0.47 0.00	24.90 -0.43 0.00	28.04 -0.36 0.00	31.23 -0.37 0.00	31.35 -0.46 0.00	28.67 -0.48 0.00	26.45 -0.45 0.00	29.35 -0.39 0.00	29.23 -0.42 0.00	30.97 -0.59 0.00	33.02 -0.72 0.00	33.01 -0.63 0.00	32.31 -0.64 0.00	37.13 -0.74 0.00	36.48 -0.85 0.00	40.83 -0.80 0.00	39.37 -0.58 0.00	43.01 -0.52 0.00
MAPLE_RIDGE_WT_2 323611	35.53 -0.78 0.00	32.80 -0.72 0.00	30.21 -0.58 0.00	26.56 -0.47 0.00	24.90 -0.43 0.00	28.04 -0.36 0.00	31.23 -0.37 0.00	31.35 -0.46 0.00	28.67 -0.48 0.00	26.45 -0.45 0.00	29.35 -0.39 0.00	29.23 -0.42 0.00	30.97 -0.59 0.00	33.02 -0.72 0.00	33.01 -0.63 0.00	32.31 -0.64 0.00	37.13 -0.74 0.00	36.48 -0.85 0.00	40.83 -0.80 0.00	39.37 -0.58 0.00	43.01 -0.52 0.00
MARBLE_RIVER_WT_PWR 323696	35.71 -0.61 0.00	32.87 -0.65 0.00	30.26 -0.53 0.00	26.50 -0.53 0.00	24.82 -0.52 0.00	27.91 -0.50 0.00	31.10 -0.50 0.00	31.36 -0.44 0.00	28.90 -0.24 0.00	26.72 -0.19 0.00	29.59 -0.16 0.00	29.45 -0.20 0.00	31.26 -0.30 0.00	33.36 -0.37 0.00	33.23 -0.41 0.00	32.56 -0.39 0.00	37.61 -0.26 0.00	37.13 -0.20 0.00	41.38 -0.25 0.00	39.54 -0.42 0.00	43.14 -0.39 0.00
MARSHVLE_115KV_TB1 80742	37.65 1.33 0.00	34.79 1.27 0.00	31.87 1.08 0.00	27.95 0.92 0.00	26.18 0.84 0.00	29.34 0.94 0.00	32.70 1.10 0.00	32.84 1.03 0.00	29.96 0.81 0.00	27.65 0.74 0.00	30.31 0.57 0.00	30.08 0.43 0.00	31.92 0.35 0.00	34.16 0.43 0.00	34.04 0.41 0.00	33.30 0.35 0.00	38.20 0.33 0.00	37.56 0.23 0.00	42.20 0.57 0.00	41.15 1.19 0.00	45.38 1.85 0.00
MARSH_HILL_WT_PWR 323713	74.48 -3.60 -41.76	67.73 -3.38 -37.59	44.29 -3.17 -16.67	35.75 -2.62 -11.34	22.87 -2.48 -0.02	26.59 -2.89 -1.07	34.65 -2.94 -5.98	63.09 -2.41 -33.69	26.70 -2.46 -0.01	57.75 -2.72 -33.56	65.37 -3.40 -39.03	69.88 -3.46 -43.69	74.45 -3.26 -46.14	74.51 -3.13 -43.91	77.57 -3.36 -47.29	77.70 -3.00 -47.74	80.94 -3.43 -46.50	83.60 -3.04 -49.31	94.51 -2.69 -55.57	61.01 -1.45 -22.51	41.94 -1.59 0.00
MCINTYRE_115KV_TB2 80467	36.46 0.14 0.00	33.69 0.17 0.00	30.93 0.14 0.00	27.08 0.05 0.00	25.35 0.02 0.00	28.62 0.22 0.00	31.92 0.32 0.00	31.99 0.18 0.00	29.38 0.23 0.00	27.20 0.30 0.00	29.97 0.23 0.00	29.66 0.01 0.00	31.30 -0.26 0.00	33.39 -0.35 0.00	33.29 -0.34 0.00	32.51 -0.44 0.00	37.64 -0.23 0.00	37.44 0.11 0.00	42.21 0.58 0.00	40.54 0.59 0.00	44.11 0.59 0.00
MECO____69_KV_BK1 80468	38.24 1.92 0.00	35.28 1.76 0.00	32.34 1.55 0.00	28.38 1.35 0.00	26.59 1.26 0.00	29.80 1.40 0.00	33.16 1.56 0.00	33.03 1.22 0.00	30.11 0.96 0.00	27.83 0.92 0.00	30.36 0.62 0.00	30.29 0.64 0.00	31.79 0.23 0.00	34.00 0.27 0.00	33.86 0.22 0.00	33.11 0.16 0.00	38.17 0.30 0.00	37.60 0.27 0.00	42.62 0.99 0.00	41.74 1.78 0.00	46.03 2.51 0.00

MENANDS__115KV_TB5 355628	37.27 0.95 0.00	34.34 0.82 0.00	31.64 0.85 0.00	27.80 0.77 0.00	26.13 0.79 0.00	29.23 0.83 0.00	32.48 0.88 0.00	32.56 0.75 0.00	29.85 0.70 0.00	27.52 0.62 0.00	30.42 0.68 0.00	30.34 0.68 0.00	32.25 0.68 0.00	34.48 0.74 0.00	34.41 0.77 0.00	33.77 0.82 0.00	38.86 0.98 0.00	38.25 0.92 0.00	42.56 0.92 0.00	40.78 0.82 0.00	44.40 0.88 0.00
MG INDUSTRY__DRP 24185	37.25 0.93 0.00	34.38 0.86 0.00	31.66 0.87 0.00	27.84 0.81 0.00	26.14 0.80 0.00	29.24 0.84 0.00	32.48 0.88 0.00	32.56 0.76 0.00	29.82 0.67 0.00	27.48 0.57 0.00	30.35 0.60 0.00	30.19 0.54 0.00	32.09 0.53 0.00	34.30 0.56 0.00	34.24 0.60 0.00	33.56 0.61 0.00	38.72 0.85 0.00	38.14 0.81 0.00	42.48 0.84 0.00	40.84 0.88 0.00	44.53 1.00 0.00
MID__OSWEGATCHIE_HYD 23849	34.78 -1.54 0.00	32.07 -1.45 0.00	29.49 -1.30 0.00	25.88 -1.15 0.00	24.29 -1.04 0.00	27.47 -0.93 0.00	30.60 -1.00 0.00	30.58 -1.23 0.00	27.93 -1.22 0.00	25.86 -1.05 0.00	28.62 -1.13 0.00	28.44 -1.21 0.00	30.01 -1.56 0.00	32.00 -1.73 0.00	31.94 -1.70 0.00	31.09 -1.87 0.00	35.84 -2.03 0.00	35.36 -1.97 0.00	39.97 -1.66 0.00	38.72 -1.24 0.00	42.40 -1.13 0.00
MID__RAQUETTE_HYD 23851	35.43 -0.89 0.00	32.72 -0.80 0.00	30.07 -0.73 0.00	26.33 -0.70 0.00	24.66 -0.67 0.00	27.85 -0.56 0.00	31.07 -0.53 0.00	31.21 -0.60 0.00	28.66 -0.49 0.00	26.50 -0.41 0.00	29.28 -0.46 0.00	29.03 -0.62 0.00	30.72 -0.85 0.00	32.77 -0.96 0.00	32.63 -1.01 0.00	31.88 -1.07 0.00	36.92 -0.95 0.00	36.50 -0.83 0.00	40.95 -0.68 0.00	39.36 -0.60 0.00	42.97 -0.56 0.00
MILLIKEN__1 23584	38.99 -0.15 -2.81	35.96 -0.09 -2.53	31.73 -0.19 -1.12	27.65 -0.14 -0.76	25.19 -0.14 0.00	28.27 -0.20 -0.07	31.78 -0.23 -0.40	33.91 -0.16 -2.27	28.85 -0.30 0.00	28.70 -0.47 -2.26	31.72 -0.66 -2.63	31.95 -0.64 -2.94	34.12 -0.55 -3.11	36.16 -0.54 -2.96	36.30 -0.52 -3.19	35.54 -0.64 -3.22	40.20 -0.80 -3.13	39.99 -0.66 -3.32	44.91 -0.46 -3.74	41.48 -0.02 -1.54	43.56 0.03 0.00
MILLIKEN__2 23585	38.99 -0.15 -2.81	35.96 -0.09 -2.53	31.73 -0.19 -1.12	27.65 -0.14 -0.76	25.19 -0.14 0.00	28.27 -0.20 -0.07	31.78 -0.23 -0.40	33.91 -0.16 -2.27	28.85 -0.30 0.00	28.70 -0.47 -2.26	31.72 -0.66 -2.63	31.95 -0.64 -2.94	34.12 -0.55 -3.11	36.16 -0.54 -2.96	36.30 -0.52 -3.19	35.54 -0.64 -3.22	40.20 -0.80 -3.13	39.99 -0.66 -3.32	44.91 -0.46 -3.74	41.48 -0.02 -1.54	43.56 0.03 0.00
MILLIKEN__DIESEL 23629	38.99 -0.15 -2.81	35.96 -0.09 -2.53	31.73 -0.19 -1.12	27.65 -0.14 -0.76	25.19 -0.14 0.00	28.27 -0.20 -0.07	31.78 -0.23 -0.40	33.91 -0.16 -2.27	28.85 -0.30 0.00	28.70 -0.47 -2.26	31.72 -0.66 -2.63	31.95 -0.64 -2.94	34.12 -0.55 -3.11	36.16 -0.54 -2.96	36.30 -0.52 -3.19	35.54 -0.64 -3.22	40.20 -0.80 -3.13	39.99 -0.66 -3.32	44.91 -0.46 -3.74	41.48 -0.02 -1.54	43.56 0.03 0.00
MILLSEAT__LFGGE 323607	27.74 -2.03 6.56	26.02 -1.60 5.90	26.35 -1.83 2.62	23.55 -1.70 1.78	23.54 -1.79 0.00	26.04 -2.19 0.17	28.34 -2.32 0.94	24.64 -1.88 5.29	27.10 -2.05 0.00	20.00 -1.64 5.27	21.76 -1.86 6.13	20.95 -1.84 6.86	22.45 -1.87 7.25	25.26 -1.58 6.90	23.92 -2.29 7.43	23.14 -2.31 7.50	27.88 -2.69 7.30	26.87 -2.72 7.74	29.93 -2.95 8.75	33.59 -2.86 3.51	40.10 -3.43 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.40 2.08 0.00	35.32 1.79 0.00	32.42 1.63 0.00	28.46 1.44 0.00	26.60 1.27 0.00	29.73 1.33 0.00	33.06 1.45 0.00	33.26 1.46 0.00	30.63 1.48 0.00	28.38 1.47 0.00	31.46 1.71 0.00	31.41 1.76 0.00	33.55 1.99 0.00	35.94 2.21 0.00	36.11 2.47 0.00	35.63 2.68 0.00	41.00 3.12 0.00	40.41 3.08 0.00	44.92 3.29 0.00	42.91 2.95 0.00	46.54 3.01 0.00
MILLWOOD_13_KV_LOAD 356217	38.49 2.17 0.00	35.39 1.87 0.00	32.49 1.70 0.00	28.52 1.49 0.00	26.65 1.32 0.00	29.78 1.38 0.00	33.12 1.52 0.00	33.33 1.52 0.00	30.69 1.54 0.00	28.42 1.51 0.00	31.51 1.77 0.00	31.46 1.81 0.00	33.61 2.04 0.00	36.02 2.28 0.00	36.20 2.55 0.00	35.72 2.77 0.00	41.09 3.22 0.00	40.52 3.18 0.00	45.04 3.41 0.00	43.03 3.07 0.00	46.62 3.09 0.00
MODEL_CITY_ENERGY 24167	24.93 -3.06 8.32	23.53 -2.50 7.49	24.77 -2.70 3.32	22.28 -2.49 2.26	22.75 -2.58 0.00	25.09 -3.09 0.21	27.15 -3.26 1.19	22.49 -2.60 6.72	26.49 -2.66 0.00	18.19 -2.02 6.69	19.72 -2.25 7.78	18.69 -2.25 8.71	20.07 -2.29 9.20	22.68 -2.30 8.76	21.38 -2.82 9.43	20.60 -2.84 9.52	25.24 -3.36 9.27	24.12 -3.38 9.83	26.70 -3.83 11.10	31.43 -4.07 4.46	38.38 -5.15 0.00
MODERN_LFGGE__ 323580	24.93 -3.06 8.32	23.53 -2.50 7.49	24.77 -2.70 3.32	22.28 -2.49 2.26	22.75 -2.58 0.00	25.09 -3.09 0.21	27.15 -3.26 1.19	22.49 -2.60 6.72	26.49 -2.66 0.00	18.19 -2.02 6.69	19.72 -2.25 7.78	18.69 -2.25 8.71	20.07 -2.29 9.20	22.68 -2.30 8.76	21.38 -2.82 9.43	20.60 -2.84 9.52	25.24 -3.36 9.27	24.12 -3.38 9.83	26.70 -3.83 11.10	31.43 -4.07 4.46	38.38 -5.15 0.00
MOHAWK_PAPER__DRP 24187	37.45 1.13 0.00	34.51 0.98 0.00	31.78 0.99 0.00	27.92 0.89 0.00	26.24 0.90 0.00	29.35 0.95 0.00	32.62 1.01 0.00	32.69 0.88 0.00	29.96 0.81 0.00	27.62 0.72 0.00	30.54 0.79 0.00	30.45 0.80 0.00	32.36 0.80 0.00	34.60 0.86 0.00	34.51 0.87 0.00	33.87 0.92 0.00	38.99 1.12 0.00	38.40 1.07 0.00	42.77 1.14 0.00	41.01 1.05 0.00	44.66 1.14 0.00
MOHICAN__35_KV_115KV_LD 80490	38.74 2.42 0.00	35.57 2.05 0.00	32.66 1.87 0.00	28.69 1.66 0.00	26.97 1.63 0.00	30.22 1.82 0.00	33.60 2.00 0.00	33.61 1.81 0.00	30.78 1.63 0.00	28.50 1.59 0.00	31.39 1.65 0.00	31.31 1.66 0.00	32.86 1.30 0.00	34.89 1.15 0.00	34.69 1.06 0.00	34.15 1.20 0.00	39.72 1.85 0.00	39.35 2.02 0.00	44.16 2.53 0.00	42.52 2.56 0.00	46.31 2.78 0.00
MONGAUP__HYD 23641	38.43 2.11 0.00	35.34 1.82 0.00	32.42 1.63 0.00	28.46 1.43 0.00	26.62 1.29 0.00	29.69 1.29 0.00	33.07 1.47 0.00	33.12 1.32 0.00	30.18 1.03 0.00	27.88 0.97 0.00	30.84 1.09 0.00	30.77 1.12 0.00	32.87 1.30 0.00	35.20 1.46 0.00	35.31 1.67 0.00	34.80 1.85 0.00	40.04 2.17 0.00	39.59 2.26 0.00	44.14 2.50 0.00	42.65 2.69 0.00	46.48 2.95 0.00

MONTAUK___DIESEL 23721	39.06 2.74 0.00	35.69 2.17 0.00	32.64 1.85 0.00	28.64 1.61 0.00	26.72 1.39 0.00	29.84 1.44 0.00	33.20 1.60 0.00	33.11 1.31 0.00	30.93 1.78 0.00	28.52 1.61 0.00	31.65 1.91 0.00	31.62 1.97 0.00	33.77 2.21 0.00	36.25 2.51 0.00	36.07 3.01 0.58	36.28 3.32 0.00	41.84 3.97 0.00	41.13 3.80 0.00	45.72 4.09 0.00	43.95 3.99 0.00	48.02 4.49 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.17 -2.51 10.63	21.93 -2.02 9.57	24.39 -2.15 4.24	22.29 -1.85 2.89	23.47 -1.86 0.00	26.04 -2.09 0.27	27.96 -2.12 1.52	21.63 -1.60 8.58	27.58 -1.56 0.00	17.04 -1.33 8.54	18.10 -1.76 9.89	16.61 -2.05 11.00	17.81 -2.14 11.62	20.48 -2.21 11.05	19.58 -2.16 11.90	18.42 -2.52 12.02	24.01 -2.16 11.71	22.94 -1.98 12.41	25.07 -2.41 14.14	32.15 -2.10 5.71	40.85 -2.67 0.00
MORRIS_RIDGE___SOLAR 323848	-10.29 -2.99 43.62	-8.40 -2.66 39.26	10.79 -2.59 17.41	13.00 -2.19 11.84	23.20 -2.12 0.02	24.84 -2.44 1.12	22.72 -2.63 6.25	-5.80 -2.41 35.19	26.68 -2.46 0.01	-10.59 -2.44 35.05	-13.91 -2.88 40.77	-18.89 -2.90 45.65	-19.46 -2.82 48.21	-15.03 -2.89 45.88	-18.76 -2.99 49.41	-19.75 -2.83 49.88	-14.07 -3.36 48.58	-17.30 -3.12 51.51	-19.51 -3.07 58.08	14.31 -2.24 23.41	41.08 -2.45 0.00
MORTIMER_115KV_TB3 55949	34.66 -1.66 0.00	32.16 -1.37 0.00	29.36 -1.42 0.00	25.75 -1.28 0.00	24.06 -1.28 0.00	26.80 -1.61 0.00	29.88 -1.72 0.00	30.34 -1.47 0.00	27.81 -1.34 0.00	25.76 -1.15 0.00	28.46 -1.28 0.00	28.38 -1.28 0.00	30.28 -1.29 0.00	32.31 -1.43 0.00	32.04 -1.60 0.00	31.32 -1.63 0.00	35.97 -1.90 0.00	35.48 -1.85 0.00	39.58 -2.03 0.02	38.03 -1.92 0.00	41.26 -2.27 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.65 2.33 0.00	35.51 1.99 0.00	32.63 1.83 0.00	28.64 1.61 0.00	26.76 1.43 0.00	29.90 1.50 0.00	33.24 1.64 0.00	33.46 1.65 0.00	30.86 1.71 0.00	28.60 1.70 0.00	31.73 1.98 0.00	31.68 2.03 0.00	33.81 2.24 0.00	36.23 2.49 0.00	36.42 2.77 0.00	35.94 2.99 0.00	41.35 3.48 0.00	40.75 3.42 0.00	45.29 3.66 0.00	43.25 3.29 0.00	46.89 3.36 0.00
MUNSVILLE_WIND_PWR 323609	38.46 0.26 -1.88	35.38 0.17 -1.69	31.40 -0.14 -0.75	27.42 -0.12 -0.51	25.36 0.03 0.00	28.62 0.17 -0.05	32.07 0.20 -0.27	33.72 0.39 -1.52	29.29 0.14 0.00	28.27 -0.15 -1.51	30.75 -0.75 -1.76	30.76 -0.86 -1.97	32.94 -0.70 -2.08	35.11 -0.61 -1.98	35.41 -0.36 -2.13	34.49 -0.62 -2.15	39.19 -0.77 -2.09	39.30 -0.25 -2.22	44.50 0.37 -2.50	42.67 1.70 -1.02	45.76 2.24 0.00
N SALMON___HYD 24042	35.72 -0.60 0.00	32.89 -0.63 0.00	30.26 -0.53 0.00	26.48 -0.54 0.00	24.82 -0.51 0.00	27.94 -0.47 0.00	31.16 -0.44 0.00	31.43 -0.38 0.00	28.98 -0.17 0.00	26.81 -0.09 0.00	29.69 -0.06 0.00	29.50 -0.15 0.00	31.28 -0.28 0.00	33.38 -0.36 0.00	33.15 -0.49 0.00	32.46 -0.50 0.00	37.52 -0.35 0.00	37.06 -0.27 0.00	41.48 -0.15 0.00	39.68 -0.28 0.00	43.31 -0.22 0.00
N.AKRON___115KV_KNAPP 355671	26.94 -2.31 7.07	25.29 -1.87 6.37	25.91 -2.05 2.83	23.23 -1.88 1.92	23.38 -1.95 0.00	25.86 -2.36 0.18	28.08 -2.51 1.01	24.07 -2.03 5.71	27.03 -2.11 0.00	19.53 -1.69 5.68	21.20 -1.93 6.61	20.37 -1.87 7.41	21.79 -1.96 7.82	25.14 -1.16 7.44	23.26 -2.36 8.01	22.40 -2.46 8.09	27.22 -2.77 7.88	26.11 -2.86 8.36	29.07 -3.12 9.44	33.06 -3.11 3.79	39.75 -3.77 0.00
N.BELMOR_69_KV_BK1 55787	39.20 2.88 0.00	35.92 2.40 0.00	32.91 2.12 0.00	28.85 1.83 0.00	26.94 1.61 0.00	30.11 1.71 0.00	33.51 1.91 0.00	33.61 1.80 0.00	31.04 1.89 0.00	28.74 1.83 0.00	31.91 2.17 0.00	31.85 2.20 0.00	34.07 2.50 0.00	36.62 2.88 0.00	41.82 3.34 -4.85	36.32 3.36 0.00	41.71 3.84 0.00	41.11 3.78 0.00	45.70 4.07 0.00	43.64 3.68 0.00	47.19 3.66 0.00
N.E._GEN_SANDY PD 24062	36.36 1.39 1.34	34.13 1.15 0.55	32.29 1.21 -0.30	28.05 1.07 0.05	26.42 1.09 0.00	29.55 1.14 0.00	32.84 1.24 0.00	32.89 1.09 0.00	30.17 1.02 0.00	27.82 0.91 0.00	30.76 1.02 0.00	30.70 1.05 0.00	32.68 1.12 0.00	34.93 1.19 0.00	34.88 1.24 0.00	34.32 1.37 0.00	39.54 1.67 0.00	37.14 1.55 1.74	43.15 1.52 0.00	41.25 1.29 0.00	44.92 1.40 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.39 2.07 0.00	35.31 1.79 0.00	32.40 1.61 0.00	28.44 1.41 0.00	26.58 1.25 0.00	29.71 1.31 0.00	33.06 1.45 0.00	33.26 1.46 0.00	30.62 1.47 0.00	28.36 1.46 0.00	31.45 1.70 0.00	31.39 1.74 0.00	33.55 1.98 0.00	35.98 2.24 0.00	36.16 2.52 0.00	35.69 2.73 0.00	41.05 3.18 0.00	40.48 3.15 0.00	45.00 3.37 0.00	42.97 3.01 0.00	46.54 3.02 0.00
N.QUEENS_27_KV_LOAD 356247	38.74 2.42 0.00	35.61 2.08 0.00	32.74 1.95 0.00	28.72 1.69 0.00	26.83 1.49 0.00	29.96 1.56 0.00	33.30 1.70 0.00	33.51 1.71 0.00	30.99 1.84 0.00	28.71 1.80 0.00	31.82 2.08 0.00	31.80 2.15 0.00	33.87 2.31 0.00	36.35 2.61 0.00	36.54 2.90 0.00	36.09 3.14 0.00	41.49 3.62 0.00	40.91 3.58 0.00	45.41 3.78 0.00	43.36 3.40 0.00	47.07 3.54 0.00
N.TROY___115KV_TB1 355778	37.60 1.28 0.00	34.61 1.08 0.00	31.89 1.10 0.00	28.00 0.97 0.00	26.35 1.02 0.00	29.49 1.09 0.00	32.77 1.17 0.00	32.81 1.00 0.00	30.04 0.89 0.00	27.70 0.80 0.00	30.61 0.86 0.00	30.52 0.87 0.00	32.40 0.84 0.00	34.60 0.86 0.00	34.51 0.87 0.00	33.89 0.94 0.00	39.05 1.18 0.00	38.46 1.13 0.00	42.84 1.20 0.00	41.07 1.10 0.00	44.75 1.22 0.00
NARROWS_GT1_1 24228	38.71 2.39 0.00	35.57 2.05 0.00	32.65 1.86 0.00	28.67 1.64 0.00	26.79 1.46 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.47 1.67 0.00	30.91 1.76 0.00	28.65 1.74 0.00	31.75 2.01 0.00	31.71 2.06 0.00	33.84 2.27 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.46 3.59 0.00	40.85 3.52 0.00	45.39 3.75 0.00	43.37 3.41 0.00	47.02 3.49 0.00
NARROWS_GT1_2 24229	38.71 2.39 0.00	35.57 2.05 0.00	32.65 1.86 0.00	28.67 1.64 0.00	26.79 1.46 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.47 1.67 0.00	30.91 1.76 0.00	28.65 1.74 0.00	31.75 2.01 0.00	31.71 2.06 0.00	33.84 2.27 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.46 3.59 0.00	40.85 3.52 0.00	45.39 3.75 0.00	43.37 3.41 0.00	47.02 3.49 0.00



NCHELSEA_115KV_TR2 355582	38.60 2.28 0.00	35.50 1.98 0.00	32.59 1.80 0.00	28.61 1.58 0.00	26.74 1.41 0.00	29.89 1.49 0.00	33.24 1.63 0.00	33.44 1.64 0.00	30.76 1.61 0.00	28.48 1.57 0.00	31.55 1.81 0.00	31.51 1.86 0.00	33.67 2.11 0.00	36.10 2.36 0.00	36.26 2.62 0.00	35.78 2.82 0.00	41.16 3.29 0.00	40.64 3.30 0.00	45.21 3.58 0.00	43.21 3.25 0.00	46.84 3.31 0.00
NEG CAPITAL___MECHNVIL 23645	38.14 1.82 0.00	35.11 1.59 0.00	32.29 1.50 0.00	28.36 1.33 0.00	26.66 1.32 0.00	29.85 1.45 0.00	33.16 1.56 0.00	33.21 1.40 0.00	30.40 1.26 0.00	28.09 1.18 0.00	31.02 1.27 0.00	30.94 1.29 0.00	32.76 1.19 0.00	34.95 1.21 0.00	34.83 1.19 0.00	34.19 1.24 0.00	39.51 1.64 0.00	39.00 1.67 0.00	43.60 1.97 0.00	41.88 1.92 0.00	45.62 2.09 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.24 -2.08 0.00	31.74 -1.78 0.00	29.00 -1.79 0.00	25.42 -1.61 0.00	23.77 -1.57 0.00	26.51 -1.89 0.00	29.55 -2.05 0.00	29.95 -1.85 0.00	27.42 -1.73 0.00	25.38 -1.53 0.00	28.05 -1.70 0.00	27.97 -1.68 0.00	29.85 -1.71 0.00	31.84 -1.90 0.00	31.63 -2.01 0.00	30.94 -2.02 0.00	35.49 -2.38 0.00	35.06 -2.27 0.00	39.13 -2.48 0.02	37.63 -2.33 0.00	40.83 -2.70 0.00
NEG CENTRAL___DRP 24199	38.78 -0.90 -3.36	35.82 -0.73 -3.02	31.36 -0.78 -1.34	27.29 -0.65 -0.91	24.69 -0.65 0.00	27.69 -0.80 -0.09	31.23 -0.85 -0.48	33.77 -0.75 -2.71	28.29 -0.86 0.00	28.71 -0.90 -2.70	31.79 -1.09 -3.14	32.09 -1.08 -3.52	34.30 -0.97 -3.71	36.22 -1.05 -3.53	36.36 -1.08 -3.81	35.65 -1.15 -3.84	40.19 -1.42 -3.74	39.95 -1.34 -3.97	44.76 -1.33 -4.47	40.96 -0.83 -1.83	42.73 -0.79 0.00
NEG CENTRAL___INDECK 23768	69.82 -1.43 -34.94	63.72 -1.24 -31.44	43.40 -1.34 -13.95	35.35 -1.17 -9.49	24.18 -1.17 -0.02	27.88 -1.42 -0.90	35.13 -1.47 -5.01	58.79 -1.21 -28.19	27.78 -1.38 -0.01	53.64 -1.35 -28.08	60.78 -1.61 -32.65	64.73 -1.47 -36.55	68.69 -1.47 -38.60	68.95 -1.52 -36.73	71.52 -1.69 -39.56	71.25 -1.64 -39.94	74.86 -1.91 -38.90	76.90 -1.68 -41.25	86.52 -1.60 -46.48	57.87 -0.89 -18.80	42.55 -0.98 0.00
NEG CENTRAL___SENECA 23627	40.50 -1.18 -5.36	37.39 -0.95 -4.82	31.92 -1.01 -2.14	27.62 -0.86 -1.45	24.50 -0.84 0.00	27.53 -1.01 -0.14	31.29 -1.08 -0.77	35.19 -0.94 -4.32	28.09 -1.07 0.00	30.10 -1.11 -4.30	33.40 -1.35 -5.00	33.92 -1.33 -5.60	36.25 -1.23 -5.92	38.07 -1.29 -5.63	38.36 -1.34 -6.06	37.72 -1.35 -6.12	42.16 -1.67 -5.96	42.04 -1.61 -6.32	47.15 -1.60 -7.11	41.92 -0.95 -2.91	42.65 -0.88 0.00
NEG CENTRAL___STATE_STREET 24147	37.35 -0.31 -1.34	34.50 -0.23 -1.21	31.03 -0.30 -0.53	27.15 -0.24 -0.36	25.09 -0.25 0.00	28.03 -0.41 -0.03	31.36 -0.43 -0.19	32.55 -0.34 -1.08	28.67 -0.48 0.00	27.41 -0.58 -1.08	30.27 -0.73 -1.25	30.36 -0.69 -1.40	32.49 -0.55 -1.48	34.48 -0.67 -1.41	34.51 -0.64 -1.52	33.69 -0.79 -1.53	38.39 -0.98 -1.49	38.03 -0.89 -1.58	42.60 -0.81 -1.78	40.31 -0.38 -0.73	43.13 -0.40 0.00
NEG MILLWOOD___DRP 24198	38.63 2.31 0.00	35.52 2.00 0.00	32.62 1.83 0.00	28.62 1.60 0.00	26.75 1.42 0.00	29.90 1.50 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.79 1.64 0.00	28.54 1.64 0.00	31.64 1.90 0.00	31.60 1.95 0.00	33.76 2.20 0.00	36.17 2.44 0.00	36.35 2.72 0.00	35.86 2.90 0.00	41.26 3.39 0.00	40.74 3.41 0.00	45.29 3.65 0.00	43.26 3.30 0.00	46.93 3.40 0.00
NEG NORTH_FLCN_SEA 23793	36.14 -0.18 0.00	33.19 -0.33 0.00	30.57 -0.22 0.00	26.76 -0.27 0.00	25.08 -0.25 0.00	28.22 -0.18 0.00	31.41 -0.19 0.00	31.66 -0.14 0.00	29.21 0.06 0.00	27.01 0.11 0.00	29.89 0.14 0.00	29.72 0.07 0.00	31.57 0.01 0.00	33.70 -0.03 0.00	33.58 -0.06 0.00	32.92 -0.03 0.00	38.04 0.17 0.00	37.55 0.22 0.00	41.80 0.17 0.00	40.03 0.07 0.00	43.66 0.13 0.00
NEG NORTH_KES_CHATGAY 23792	35.68 -0.64 0.00	32.84 -0.68 0.00	30.24 -0.55 0.00	26.47 -0.56 0.00	24.81 -0.53 0.00	27.88 -0.52 0.00	31.08 -0.52 0.00	31.35 -0.45 0.00	28.90 -0.25 0.00	26.71 -0.20 0.00	29.58 -0.16 0.00	29.43 -0.22 0.00	31.23 -0.33 0.00	33.33 -0.41 0.00	33.19 -0.45 0.00	32.52 -0.43 0.00	37.57 -0.30 0.00	37.10 -0.23 0.00	41.33 -0.30 0.00	39.47 -0.49 0.00	43.13 -0.39 0.00
NEG NORTH___ALICE_FALLS 23915	36.13 -0.19 0.00	33.18 -0.34 0.00	30.57 -0.22 0.00	26.75 -0.28 0.00	25.07 -0.26 0.00	28.20 -0.20 0.00	31.41 -0.19 0.00	31.65 -0.15 0.00	29.20 0.05 0.00	27.02 0.11 0.00	29.89 0.14 0.00	29.70 0.05 0.00	31.52 -0.04 0.00	33.64 -0.10 0.00	33.52 -0.12 0.00	32.86 -0.09 0.00	37.97 0.11 0.00	37.49 0.16 0.00	41.78 0.15 0.00	40.03 0.07 0.00	43.69 0.17 0.00
NEG NORTH___LWR_SARANAC 23913	36.13 -0.19 0.00	33.18 -0.34 0.00	30.57 -0.22 0.00	26.75 -0.28 0.00	25.07 -0.26 0.00	28.20 -0.20 0.00	31.41 -0.19 0.00	31.65 -0.15 0.00	29.20 0.05 0.00	27.02 0.11 0.00	29.89 0.14 0.00	29.70 0.05 0.00	31.52 -0.04 0.00	33.64 -0.10 0.00	33.52 -0.12 0.00	32.86 -0.09 0.00	37.97 0.11 0.00	37.49 0.16 0.00	41.78 0.15 0.00	40.03 0.07 0.00	43.69 0.17 0.00
NEG NORTH___PLATTSBURG 23628	36.12 -0.19 0.00	33.18 -0.34 0.00	30.57 -0.22 0.00	26.75 -0.27 0.00	25.07 -0.26 0.00	28.20 -0.20 0.00	31.41 -0.19 0.00	31.65 -0.15 0.00	29.20 0.05 0.00	27.02 0.11 0.00	29.89 0.14 0.00	29.70 0.05 0.00	31.52 -0.04 0.00	33.64 -0.10 0.00	33.52 -0.12 0.00	32.86 -0.09 0.00	37.97 0.11 0.00	37.49 0.16 0.00	41.78 0.15 0.00	40.03 0.06 0.00	43.69 0.18 0.00
NEG WEST_LEA_LOCKPORT 23791	24.98 -2.95 8.39	23.55 -2.42 7.55	24.89 -2.56 3.35	22.44 -2.31 2.28	22.96 -2.36 0.00	25.34 -2.85 0.22	27.36 -3.04 1.20	22.57 -2.47 6.77	26.73 -2.42 0.00	18.24 -1.93 6.74	19.73 -2.18 7.84	18.69 -2.18 8.78	20.05 -2.23 9.27	22.73 -2.18 8.83	21.37 -2.76 9.51	20.56 -2.80 9.60	25.29 -3.23 9.35	24.16 -3.26 9.91	26.78 -3.66 11.19	31.70 -3.76 4.50	38.90 -4.63 0.00
NEG WEST___LANCASTR 23811	23.71 -2.66 9.96	22.38 -2.18 8.96	24.49 -2.32 3.97	22.24 -2.08 2.70	23.23 -2.10 0.00	25.68 -2.47 0.26	27.54 -2.64 1.43	21.62 -2.15 8.03	27.01 -2.13 0.00	17.24 -1.66 8.00	18.53 -1.91 9.30	17.28 -1.96 10.41	18.66 -1.91 10.99	21.32 -1.96 10.46	20.10 -2.28 11.26	19.27 -2.31 11.37	24.14 -2.65 11.07	22.96 -2.63 11.74	25.40 -2.96 13.27	31.66 -2.95 5.35	39.65 -3.88 0.00

NEG_PENN_ALLEGHNY 23528	35.76 -0.55 0.00	33.08 -0.44 0.00	30.27 -0.52 0.00	26.62 -0.41 0.00	24.94 -0.40 0.00	27.94 -0.46 0.00	31.08 -0.52 0.00	31.36 -0.45 0.00	28.65 -0.50 0.00	26.44 -0.47 0.00	29.16 -0.59 0.00	29.03 -0.62 0.00	31.05 -0.51 0.00	33.26 -0.48 0.00	33.16 -0.48 0.00	32.49 -0.46 0.00	37.29 -0.58 0.00	36.82 -0.51 0.00	41.18 -0.45 0.01	39.71 -0.25 0.00	43.09 -0.44 0.00
NEG__GEN_MONROE 24207	33.35 -1.55 1.42	30.99 -1.25 1.28	28.86 -1.36 0.57	25.40 -1.25 0.39	24.08 -1.25 0.00	26.78 -1.58 0.04	29.71 -1.69 0.20	29.21 -1.45 1.14	27.74 -1.41 0.00	24.56 -1.21 1.14	27.06 -1.35 1.33	26.82 -1.35 1.49	28.64 -1.36 1.57	30.82 -1.42 1.50	30.33 -1.70 1.61	29.60 -1.73 1.63	34.29 -2.00 1.58	33.69 -1.96 1.68	37.60 -2.12 1.91	37.25 -1.95 0.75	41.29 -2.24 0.00
NEPA__ENERGY 23901	23.10 -2.81 10.40	21.89 -2.27 9.36	24.21 -2.42 4.15	22.12 -2.08 2.83	23.34 -1.99 0.00	25.83 -2.30 0.27	27.61 -2.50 1.49	21.37 -2.05 8.39	27.12 -2.03 0.00	16.92 -1.63 8.36	18.03 -1.99 9.73	16.57 -2.17 10.92	17.99 -2.04 11.53	20.68 -2.09 10.97	19.62 -2.20 11.81	18.75 -2.28 11.93	23.73 -2.53 11.62	22.48 -2.53 12.32	25.00 -2.76 13.87	31.82 -2.55 5.59	40.11 -3.41 0.00
NEVERSink__HYD 23608	37.68 1.36 0.00	34.64 1.12 0.00	31.77 0.98 0.00	27.90 0.87 0.00	26.09 0.75 0.00	29.16 0.76 0.00	32.43 0.83 0.00	32.64 0.83 0.00	29.97 0.82 0.00	27.73 0.82 0.00	30.64 0.90 0.00	30.57 0.92 0.00	32.67 1.10 0.00	34.93 1.20 0.00	34.29 0.65 0.00	33.87 0.92 0.00	38.97 1.10 0.00	38.57 1.25 0.00	43.09 1.46 0.00	41.38 1.42 0.00	45.85 2.32 0.00
NEWKRMKL_115KV_TB1 55635	37.11 0.79 0.00	34.20 0.68 0.00	31.50 0.72 0.00	27.69 0.66 0.00	26.01 0.67 0.00	29.10 0.70 0.00	32.33 0.73 0.00	32.41 0.61 0.00	29.71 0.56 0.00	27.40 0.49 0.00	30.30 0.56 0.00	30.20 0.55 0.00	32.11 0.55 0.00	34.33 0.59 0.00	34.26 0.63 0.00	33.64 0.69 0.00	38.72 0.85 0.00	38.13 0.80 0.00	42.44 0.81 0.00	40.70 0.74 0.00	44.31 0.78 0.00
NEWTON__FALLS_HYD 23847	34.78 -1.54 0.00	32.07 -1.45 0.00	29.49 -1.30 0.00	25.88 -1.15 0.00	24.29 -1.04 0.00	27.47 -0.93 0.00	30.60 -1.00 0.00	30.58 -1.23 0.00	27.93 -1.22 0.00	25.86 -1.05 0.00	28.62 -1.13 0.00	28.44 -1.21 0.00	30.01 -1.56 0.00	32.00 -1.73 0.00	31.94 -1.70 0.00	31.09 -1.87 0.00	35.84 -2.03 0.00	35.36 -1.97 0.00	39.97 -1.66 0.00	38.72 -1.24 0.00	42.40 -1.13 0.00
NGRID_A1_DSASP 323792	24.40 -3.37 8.54	23.04 -2.79 7.69	24.55 -2.83 3.41	22.18 -2.53 2.32	22.82 -2.51 0.00	25.10 -3.08 0.22	27.07 -3.31 1.23	22.14 -2.77 6.89	26.67 -2.48 0.00	17.94 -2.11 6.86	19.41 -2.35 7.98	18.35 -2.36 8.94	19.69 -2.43 9.44	22.21 -2.54 8.99	20.86 -3.10 9.68	20.07 -3.12 9.77	24.45 -3.91 9.52	23.31 -3.93 10.09	25.68 -4.56 11.39	30.94 -4.44 4.58	38.38 -5.14 0.00
NGRID_A2_DSASP 323793	24.40 -3.37 8.54	23.04 -2.79 7.69	24.55 -2.83 3.41	22.18 -2.53 2.32	22.82 -2.51 0.00	25.10 -3.08 0.22	27.07 -3.31 1.23	22.14 -2.77 6.89	26.67 -2.48 0.00	17.94 -2.11 6.86	19.41 -2.35 7.98	18.35 -2.36 8.94	19.69 -2.43 9.44	22.21 -2.54 8.99	20.86 -3.10 9.68	20.07 -3.12 9.77	24.45 -3.91 9.52	23.31 -3.93 10.09	25.68 -4.56 11.39	30.94 -4.44 4.58	38.38 -5.14 0.00
NGRID_A4_DSASP 323807	24.40 -3.37 8.54	23.04 -2.79 7.69	24.55 -2.83 3.41	22.18 -2.53 2.32	22.82 -2.51 0.00	25.10 -3.08 0.22	27.07 -3.31 1.23	22.14 -2.77 6.89	26.67 -2.48 0.00	17.94 -2.11 6.86	19.41 -2.35 7.98	18.35 -2.36 8.94	19.69 -2.43 9.44	22.21 -2.54 8.99	20.86 -3.10 9.68	20.07 -3.12 9.77	24.45 -3.91 9.52	23.31 -3.93 10.09	25.68 -4.56 11.39	30.94 -4.44 4.58	38.38 -5.14 0.00
NIAGARA_115E_LBMP 323715	24.57 -3.20 8.54	23.21 -2.62 7.69	24.55 -2.83 3.41	22.10 -2.60 2.32	22.62 -2.71 0.00	24.95 -3.23 0.22	26.96 -3.42 1.23	22.20 -2.71 6.89	26.37 -2.78 0.00	17.95 -2.09 6.87	19.44 -2.32 7.99	18.38 -2.32 8.95	19.75 -2.37 9.45	22.33 -2.42 8.99	21.04 -2.92 9.68	20.26 -2.92 9.77	24.88 -3.48 9.52	23.75 -3.49 10.09	26.25 -3.98 11.39	31.11 -4.27 4.59	38.07 -5.46 0.00
NIAGARA_115W_LBMP 323714	24.50 -3.33 8.49	23.14 -2.74 7.64	24.60 -2.80 3.39	22.18 -2.54 2.31	22.79 -2.53 0.00	25.10 -3.08 0.22	27.06 -3.33 1.22	22.20 -2.76 6.85	26.62 -2.52 0.00	17.97 -2.12 6.82	19.46 -2.35 7.93	18.41 -2.35 8.89	19.77 -2.41 9.38	22.28 -2.53 8.93	20.93 -3.09 9.62	20.21 -3.03 9.71	24.47 -3.94 9.46	23.36 -3.94 10.03	25.72 -4.59 11.32	30.91 -4.49 4.55	38.29 -5.23 0.00
NIAGARA_230_LBMP 323716	25.10 -3.19 8.03	23.68 -2.61 7.23	24.90 -2.68 3.21	22.41 -2.44 2.18	22.89 -2.43 0.00	25.24 -2.96 0.21	27.27 -3.18 1.15	22.71 -2.62 6.48	26.71 -2.43 0.00	18.43 -2.02 6.46	19.99 -2.25 7.51	18.98 -2.27 8.41	20.37 -2.32 8.88	22.87 -2.42 8.45	21.67 -2.86 9.10	20.90 -2.87 9.19	25.48 -3.44 8.95	24.37 -3.47 9.49	26.92 -4.00 10.72	31.63 -4.02 4.31	38.72 -4.80 0.00
NIAGARA__115KV_198_GIBSON 55903	24.42 -3.41 8.49	23.06 -2.83 7.64	24.54 -2.86 3.39	22.17 -2.56 2.31	22.79 -2.54 0.00	25.07 -3.11 0.22	27.04 -3.34 1.22	22.16 -2.80 6.85	26.64 -2.51 0.00	17.95 -2.13 6.82	19.43 -2.39 7.93	18.38 -2.39 8.89	19.71 -2.46 9.38	22.23 -2.58 8.93	20.86 -3.16 9.62	20.09 -3.15 9.71	24.43 -3.98 9.46	23.30 -4.00 10.03	25.67 -4.64 11.32	30.89 -4.52 4.55	38.30 -5.23 0.00
NIAGARA____ 23760	24.98 -3.19 8.15	23.57 -2.61 7.34	24.85 -2.68 3.26	22.37 -2.44 2.22	22.89 -2.43 0.00	25.24 -2.96 0.21	27.26 -3.18 1.17	22.61 -2.62 6.58	26.71 -2.43 0.00	18.34 -2.02 6.55	19.88 -2.25 7.61	18.86 -2.27 8.53	20.25 -2.32 9.00	22.75 -2.42 8.57	21.54 -2.86 9.24	20.77 -2.87 9.32	25.30 -3.44 9.12	24.19 -3.47 9.67	26.70 -4.00 10.93	31.54 -4.02 4.40	38.72 -4.80 0.00
NINE_MILE_1 23575	35.14 -1.18 0.00	32.46 -1.06 0.00	29.78 -1.01 0.00	26.15 -0.88 0.00	24.49 -0.84 0.00	27.43 -0.98 0.00	30.52 -1.08 0.00	30.75 -1.06 0.00	28.15 -1.00 0.00	25.98 -0.93 0.00	28.70 -1.05 0.00	28.62 -1.03 0.00	30.50 -1.07 0.00	32.59 -1.14 0.00	32.42 -1.22 0.00	31.64 -1.32 0.00	36.23 -1.64 0.00	35.74 -1.60 0.00	39.72 -1.75 0.16	38.34 -1.62 0.00	41.74 -1.79 0.00

NINE_MILE_2 23744	35.14 -1.18 0.00	32.47 -1.06 0.00	29.78 -1.01 0.00	26.15 -0.88 0.00	24.50 -0.83 0.00	27.43 -0.97 0.00	30.53 -1.07 0.00	30.75 -1.06 0.00	28.16 -0.99 0.00	25.98 -0.93 0.00	28.71 -1.04 0.00	28.62 -1.03 0.00	30.50 -1.07 0.00	32.59 -1.14 0.00	32.42 -1.22 0.00	31.64 -1.31 0.00	36.23 -1.64 0.00	35.74 -1.59 0.00	39.72 -1.75 0.17	38.35 -1.61 0.00	41.74 -1.79 0.00
NM_CAPITAL___DRP 24208	37.19 0.88 0.00	34.28 0.75 0.00	31.58 0.79 0.00	27.75 0.72 0.00	26.07 0.74 0.00	29.17 0.77 0.00	32.42 0.82 0.00	32.49 0.69 0.00	29.79 0.64 0.00	27.47 0.56 0.00	30.37 0.62 0.00	30.27 0.62 0.00	32.18 0.62 0.00	34.42 0.68 0.00	34.35 0.71 0.00	33.71 0.76 0.00	38.78 0.91 0.00	38.17 0.84 0.00	42.47 0.84 0.00	40.70 0.74 0.00	44.31 0.79 0.00
NM_CENTRAL___DRP 24181	35.67 -0.65 0.00	32.95 -0.57 0.00	30.21 -0.58 0.00	26.53 -0.50 0.00	24.85 -0.48 0.00	27.82 -0.58 0.00	30.96 -0.64 0.00	31.20 -0.60 0.00	28.54 -0.61 0.00	26.33 -0.58 0.00	29.08 -0.67 0.00	29.01 -0.64 0.00	30.94 -0.62 0.00	33.08 -0.66 0.00	32.91 -0.73 0.00	32.14 -0.82 0.00	36.82 -1.05 0.00	36.35 -0.98 0.00	40.63 -0.99 0.01	39.11 -0.85 0.00	42.53 -1.00 0.00
NM_FRONTIER___DRP 24179	24.42 -3.41 8.49	23.06 -2.83 7.64	24.54 -2.86 3.39	22.17 -2.56 2.31	22.79 -2.54 0.00	25.07 -3.11 0.22	27.04 -3.34 1.22	22.16 -2.80 6.85	26.64 -2.51 0.00	17.95 -2.13 6.82	19.43 -2.39 7.93	18.38 -2.39 8.89	19.71 -2.46 9.38	22.23 -2.58 8.93	20.86 -3.16 9.62	20.09 -3.15 9.71	24.43 -3.98 9.46	23.30 -4.00 10.03	25.67 -4.64 11.32	30.89 -4.52 4.55	38.30 -5.23 0.00
NM_ST_REGIS___HYD 24053	35.52 -0.80 0.00	32.77 -0.76 0.00	30.12 -0.67 0.00	26.38 -0.65 0.00	24.71 -0.62 0.00	27.87 -0.53 0.00	31.10 -0.50 0.00	31.28 -0.53 0.00	28.76 -0.39 0.00	26.59 -0.31 0.00	29.40 -0.35 0.00	29.16 -0.49 0.00	30.87 -0.69 0.00	32.94 -0.79 0.00	32.77 -0.87 0.00	32.02 -0.93 0.00	37.08 -0.79 0.00	36.65 -0.68 0.00	41.12 -0.52 0.00	39.46 -0.50 0.00	43.09 -0.44 0.00
NORTHPORT___1 23551	39.00 2.68 0.00	35.69 2.17 0.00	32.70 1.91 0.00	28.68 1.65 0.00	26.77 1.44 0.00	29.95 1.54 0.00	33.34 1.74 0.00	33.35 1.55 0.00	30.87 1.72 0.00	28.52 1.62 0.00	31.67 1.93 0.00	31.52 1.87 0.00	33.71 2.15 0.00	36.24 2.51 0.00	35.75 2.88 0.77	35.85 2.90 0.00	41.18 3.31 0.00	40.57 3.24 0.00	45.06 3.43 0.00	43.01 3.05 0.00	46.45 2.92 0.00
NORTHPORT___2 23552	39.00 2.68 0.00	35.69 2.17 0.00	32.70 1.91 0.00	28.68 1.65 0.00	26.77 1.44 0.00	29.95 1.54 0.00	33.34 1.74 0.00	33.35 1.55 0.00	30.87 1.72 0.00	28.52 1.62 0.00	31.67 1.93 0.00	31.52 1.87 0.00	33.71 2.15 0.00	36.24 2.51 0.00	35.75 2.88 0.77	35.85 2.90 0.00	41.18 3.31 0.00	40.57 3.24 0.00	45.06 3.43 0.00	43.01 3.05 0.00	46.45 2.92 0.00
NORTHPORT___3 23553	38.98 2.66 0.00	35.67 2.15 0.00	32.69 1.90 0.00	28.67 1.64 0.00	26.77 1.43 0.00	29.93 1.53 0.00	33.32 1.72 0.00	33.35 1.55 0.00	30.86 1.71 0.00	28.52 1.62 0.00	31.67 1.93 0.00	31.54 1.89 0.00	33.74 2.18 0.00	36.27 2.53 0.00	35.77 2.90 0.77	35.85 2.90 0.00	41.17 3.30 0.00	40.55 3.22 0.00	45.05 3.41 0.00	43.00 3.04 0.00	46.45 2.92 0.00
NORTHPORT___4 23650	38.98 2.66 0.00	35.67 2.15 0.00	32.69 1.90 0.00	28.67 1.64 0.00	26.77 1.43 0.00	29.93 1.53 0.00	33.32 1.72 0.00	33.35 1.55 0.00	30.86 1.71 0.00	28.52 1.62 0.00	31.67 1.93 0.00	31.54 1.89 0.00	33.74 2.18 0.00	36.27 2.53 0.00	35.77 2.90 0.77	35.85 2.90 0.00	41.17 3.30 0.00	40.55 3.22 0.00	45.05 3.41 0.00	43.00 3.04 0.00	46.45 2.92 0.00
NORTHPORT___IC 23718	39.01 2.69 0.00	35.70 2.18 0.00	32.72 1.93 0.00	28.68 1.65 0.00	26.77 1.44 0.00	29.95 1.55 0.00	33.34 1.74 0.00	33.36 1.55 0.00	30.87 1.72 0.00	28.53 1.62 0.00	31.68 1.93 0.00	31.53 1.88 0.00	33.72 2.16 0.00	36.26 2.53 0.00	35.81 2.93 0.77	35.87 2.92 0.00	41.19 3.33 0.00	40.57 3.24 0.00	45.06 3.43 0.00	43.01 3.05 0.00	46.45 2.92 0.00
NORTH___COUNTRY_ESR 323785	35.63 -0.69 0.00	32.80 -0.73 0.00	30.20 -0.59 0.00	26.44 -0.59 0.00	24.78 -0.55 0.00	27.85 -0.55 0.00	31.04 -0.56 0.00	31.31 -0.50 0.00	28.86 -0.29 0.00	26.68 -0.23 0.00	29.56 -0.19 0.00	29.41 -0.24 0.00	31.23 -0.34 0.00	33.33 -0.40 0.00	33.19 -0.45 0.00	32.52 -0.44 0.00	37.57 -0.30 0.00	37.08 -0.25 0.00	41.33 -0.31 0.00	39.44 -0.52 0.00	43.09 -0.44 0.00
NPX_GEN_1385_PROXY 323591	38.69 2.37 0.00	35.40 1.88 0.00	32.57 1.78 0.00	28.45 1.42 0.00	26.57 1.23 0.00	29.83 1.43 0.00	33.25 1.88 0.23	33.31 1.50 0.00	30.82 1.67 0.00	28.28 1.38 0.00	31.22 1.47 0.00	30.80 1.14 0.00	21.70 1.27 11.13	29.12 1.56 6.17	34.83 1.95 0.77	35.12 2.17 0.00	40.91 3.04 0.00	40.53 3.20 0.00	44.94 3.30 0.00	42.87 2.91 0.00	46.01 2.48 0.00
NPX_GEN_CSC 323557	39.06 2.74 0.00	35.78 2.26 0.00	32.75 1.96 0.00	28.77 1.75 0.00	26.86 1.53 0.00	30.02 1.62 0.00	33.08 1.71 0.23	33.17 1.36 0.00	30.98 1.83 0.00	28.52 1.62 0.00	31.56 1.82 0.00	31.38 1.73 0.00	33.58 2.02 0.00	36.05 2.31 0.00	35.73 2.68 0.58	35.93 2.97 0.00	41.34 3.47 0.00	40.58 3.25 0.00	45.10 3.48 0.00	43.09 3.13 0.00	46.58 3.05 0.00
NSINS_S___GLNS_FALLS 23858	38.78 2.46 0.00	35.61 2.09 0.00	32.69 1.91 0.00	28.72 1.69 0.00	26.99 1.66 0.00	30.25 1.85 0.00	33.63 2.02 0.00	33.65 1.84 0.00	30.81 1.66 0.00	28.53 1.63 0.00	31.42 1.67 0.00	31.32 1.67 0.00	32.86 1.30 0.00	34.89 1.16 0.00	34.72 1.08 0.00	34.16 1.21 0.00	39.78 1.91 0.00	39.39 2.06 0.00	44.25 2.62 0.00	42.60 2.64 0.00	46.40 2.87 0.00
NUCOR_STEEL___DRP 24197	36.03 -0.29 0.00	33.31 -0.21 0.00	30.51 -0.28 0.00	26.81 -0.22 0.00	25.10 -0.23 0.00	28.00 -0.41 0.00	31.18 -0.43 0.00	31.49 -0.32 0.00	28.68 -0.47 0.00	26.35 -0.55 0.00	29.05 -0.69 0.00	28.99 -0.67 0.00	31.05 -0.52 0.00	33.09 -0.64 0.00	33.03 -0.61 0.00	32.18 -0.78 0.00	36.92 -0.95 0.00	36.47 -0.86 0.00	40.85 -0.78 0.00	39.58 -0.38 0.00	43.13 -0.40 0.00

NUMBER_THREE_WT_PWR 323818	34.70 -1.62 0.00	31.96 -1.56 0.00	29.43 -1.36 0.00	25.88 -1.15 0.00	24.36 -0.97 0.00	27.63 -0.78 0.00	30.71 -0.89 0.00	30.55 -1.25 0.00	27.76 -1.39 0.00	25.73 -1.18 0.00	28.55 -1.20 0.00	28.42 -1.23 0.00	29.89 -1.68 0.00	31.81 -1.92 0.00	31.86 -1.78 0.00	30.88 -2.07 0.00	35.54 -2.33 0.00	34.95 -2.38 0.00	39.78 -1.85 0.00	38.80 -1.16 0.00	42.65 -0.88 0.00
NYISO_LBMP_REFERENCE 24008	36.32 0.00 0.00	33.52 0.00 0.00	30.79 0.00 0.00	27.03 0.00 0.00	25.33 0.00 0.00	28.40 0.00 0.00	31.60 0.00 0.00	31.80 0.00 0.00	29.15 0.00 0.00	26.91 0.00 0.00	29.74 0.00 0.00	29.65 0.00 0.00	31.56 0.00 0.00	33.74 0.00 0.00	33.64 0.00 0.00	32.95 0.00 0.00	37.87 0.00 0.00	37.33 0.00 0.00	41.63 0.00 0.00	39.96 0.00 0.00	43.53 0.00 0.00
NYPA_BRENTWD____GT 24164	39.45 3.14 0.00	36.08 2.55 0.00	33.03 2.24 0.00	28.97 1.94 0.00	27.03 1.70 0.00	30.23 1.83 0.00	33.64 2.04 0.00	33.67 1.86 0.00	31.18 2.03 0.00	28.80 1.89 0.00	31.97 2.23 0.00	31.82 2.17 0.00	34.05 2.49 0.00	36.66 2.92 0.00	36.62 3.35 0.37	36.38 3.43 0.00	41.81 3.94 0.00	41.18 3.85 0.00	45.79 4.16 0.00	43.72 3.76 0.00	47.19 3.66 0.00
NYPA_GOWANUS____GT5 24156	38.71 2.39 0.00	35.57 2.05 0.00	32.65 1.86 0.00	28.67 1.64 0.00	26.79 1.46 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.47 1.67 0.00	30.91 1.76 0.00	28.65 1.74 0.00	31.75 2.01 0.00	31.71 2.06 0.00	33.84 2.27 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.46 3.59 0.00	40.85 3.52 0.00	45.39 3.75 0.00	43.37 3.41 0.00	47.02 3.49 0.00
NYPA_GOWANUS____GT6 24157	38.71 2.39 0.00	35.57 2.05 0.00	32.65 1.86 0.00	28.67 1.64 0.00	26.79 1.46 0.00	29.90 1.50 0.00	33.26 1.66 0.00	33.47 1.67 0.00	30.91 1.76 0.00	28.65 1.74 0.00	31.75 2.01 0.00	31.71 2.06 0.00	33.84 2.27 0.00	36.27 2.53 0.00	36.47 2.83 0.00	36.02 3.07 0.00	41.46 3.59 0.00	40.85 3.52 0.00	45.39 3.75 0.00	43.37 3.41 0.00	47.02 3.49 0.00
NYPA_HARLEM_RVR_GT1 24160	38.65 2.34 0.00	35.52 2.00 0.00	32.66 1.87 0.00	28.67 1.64 0.00	26.78 1.44 0.00	29.90 1.50 0.00	33.24 1.64 0.00	33.45 1.65 0.00	30.92 1.77 0.00	28.64 1.73 0.00	31.73 1.99 0.00	31.71 2.06 0.00	33.79 2.22 0.00	36.24 2.50 0.00	36.43 2.79 0.00	35.98 3.02 0.00	41.37 3.50 0.00	40.79 3.46 0.00	45.28 3.65 0.00	43.24 3.29 0.00	46.97 3.45 0.00
NYPA_HARLEM_RVR_GT2 24161	38.65 2.34 0.00	35.52 2.00 0.00	32.66 1.87 0.00	28.67 1.64 0.00	26.78 1.44 0.00	29.90 1.50 0.00	33.24 1.64 0.00	33.45 1.65 0.00	30.92 1.77 0.00	28.64 1.73 0.00	31.73 1.99 0.00	31.71 2.06 0.00	33.79 2.22 0.00	36.24 2.50 0.00	36.43 2.79 0.00	35.98 3.02 0.00	41.37 3.50 0.00	40.79 3.46 0.00	45.28 3.65 0.00	43.24 3.29 0.00	46.97 3.45 0.00
NYPA_KENT____GT 24152	38.70 2.38 0.00	35.57 2.04 0.00	32.66 1.87 0.00	28.69 1.66 0.00	26.80 1.47 0.00	29.92 1.52 0.00	33.27 1.67 0.00	33.48 1.68 0.00	30.93 1.78 0.00	28.66 1.76 0.00	31.78 2.03 0.00	31.74 2.09 0.00	33.85 2.29 0.00	36.29 2.55 0.00	36.48 2.84 0.00	36.02 3.07 0.00	41.45 3.59 0.00	40.85 3.52 0.00	45.38 3.75 0.00	43.35 3.39 0.00	47.02 3.49 0.00
NYPA_POUCH1____GT 24155	38.66 2.34 0.00	35.53 2.01 0.00	32.61 1.82 0.00	28.62 1.59 0.00	26.75 1.42 0.00	29.86 1.46 0.00	33.21 1.61 0.00	33.42 1.61 0.00	30.84 1.69 0.00	28.58 1.67 0.00	31.67 1.93 0.00	31.62 1.97 0.00	33.75 2.18 0.00	36.18 2.44 0.00	36.39 2.75 0.00	35.94 2.99 0.00	41.38 3.51 0.00	40.77 3.44 0.00	45.31 3.68 0.00	43.31 3.35 0.00	46.97 3.44 0.00
NYPA_VERNON____GT2 24162	38.69 2.37 0.00	35.56 2.03 0.00	32.67 1.89 0.00	28.69 1.66 0.00	26.80 1.47 0.00	29.93 1.53 0.00	33.28 1.68 0.00	33.50 1.70 0.00	30.94 1.79 0.00	28.68 1.77 0.00	31.79 2.05 0.00	31.76 2.11 0.00	33.86 2.30 0.00	36.29 2.56 0.00	36.49 2.85 0.00	36.02 3.06 0.00	41.45 3.58 0.00	40.85 3.52 0.00	45.38 3.75 0.00	43.34 3.38 0.00	47.02 3.49 0.00
NYPA_VERNON____GT3 24163	38.69 2.37 0.00	35.56 2.03 0.00	32.67 1.89 0.00	28.69 1.66 0.00	26.80 1.47 0.00	29.93 1.53 0.00	33.28 1.68 0.00	33.50 1.70 0.00	30.94 1.79 0.00	28.68 1.77 0.00	31.79 2.05 0.00	31.76 2.11 0.00	33.86 2.30 0.00	36.29 2.56 0.00	36.49 2.85 0.00	36.02 3.06 0.00	41.45 3.58 0.00	40.85 3.52 0.00	45.38 3.75 0.00	43.34 3.38 0.00	47.02 3.49 0.00
NYPA__ASTORIA_CC1 323568	38.64 2.32 0.00	35.51 1.99 0.00	32.64 1.85 0.00	28.67 1.64 0.00	26.78 1.45 0.00	29.91 1.51 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.92 1.77 0.00	28.66 1.75 0.00	31.76 2.01 0.00	31.72 2.07 0.00	33.83 2.27 0.00	36.25 2.51 0.00	36.45 2.81 0.00	35.98 3.02 0.00	41.40 3.53 0.00	40.80 3.47 0.00	45.33 3.69 0.00	43.28 3.33 0.00	46.93 3.41 0.00
NYPA__ASTORIA_CC2 323569	38.64 2.32 0.00	35.51 1.99 0.00	32.64 1.85 0.00	28.67 1.64 0.00	26.78 1.45 0.00	29.91 1.51 0.00	33.26 1.66 0.00	33.48 1.67 0.00	30.92 1.77 0.00	28.66 1.75 0.00	31.76 2.01 0.00	31.72 2.07 0.00	33.83 2.27 0.00	36.25 2.51 0.00	36.45 2.81 0.00	35.98 3.02 0.00	41.40 3.53 0.00	40.80 3.47 0.00	45.33 3.69 0.00	43.28 3.33 0.00	46.93 3.41 0.00
NYPA__HOLTSVILL 23794	39.17 2.85 0.00	35.83 2.31 0.00	32.81 2.02 0.00	28.78 1.76 0.00	26.87 1.53 0.00	30.04 1.64 0.00	33.41 1.81 0.00	33.38 1.58 0.00	30.98 1.84 0.00	28.60 1.69 0.00	31.73 1.99 0.00	31.55 1.90 0.00	33.76 2.19 0.00	36.29 2.55 0.00	36.01 2.97 0.60	36.07 3.12 0.00	41.46 3.59 0.00	40.77 3.44 0.00	45.29 3.66 0.00	43.24 3.28 0.00	46.71 3.18 0.00
NYPA__HELLGATE_GT1 24158	38.65 2.34 0.00	35.52 2.00 0.00	32.66 1.87 0.00	28.67 1.64 0.00	26.78 1.44 0.00	29.90 1.50 0.00	33.24 1.64 0.00	33.45 1.65 0.00	30.92 1.77 0.00	28.64 1.73 0.00	31.73 1.99 0.00	31.71 2.06 0.00	33.79 2.22 0.00	36.24 2.50 0.00	36.43 2.79 0.00	35.98 3.02 0.00	41.37 3.50 0.00	40.79 3.46 0.00	45.28 3.65 0.00	43.24 3.28 0.00	46.93 3.41 0.00

NYPA_____HELLGATE_GT2 24159	38.65 2.34 0.00	35.52 2.00 0.00	32.66 1.87 0.00	28.67 1.64 0.00	26.78 1.44 0.00	29.90 1.50 0.00	33.24 1.64 0.00	33.45 1.65 0.00	30.92 1.77 0.00	28.64 1.73 0.00	31.73 1.99 0.00	31.71 2.06 0.00	33.79 2.22 0.00	36.24 2.50 0.00	36.43 2.79 0.00	35.98 3.02 0.00	41.37 3.50 0.00	40.79 3.46 0.00	45.28 3.65 0.00	43.24 3.28 0.00	46.93 3.41 0.00
NYS_BARGE___HYD 23848	25.64 -2.81 7.87	24.16 -2.28 7.08	25.17 -2.48 3.14	22.62 -2.27 2.14	22.97 -2.36 0.00	25.36 -2.84 0.20	27.46 -3.01 1.13	23.06 -2.40 6.35	26.71 -2.44 0.00	18.70 -1.89 6.32	20.27 -2.12 7.36	19.30 -2.11 8.24	20.72 -2.14 8.70	23.39 -2.07 8.28	22.07 -2.65 8.92	21.29 -2.66 9.00	25.96 -3.15 8.77	24.87 -3.17 9.30	27.56 -3.58 10.49	32.02 -3.72 4.22	38.86 -4.67 0.00
OAK_ORCHARD___HYD 24046	34.71 -1.61 0.00	32.21 -1.31 0.00	29.40 -1.39 0.00	25.75 -1.28 0.00	24.06 -1.28 0.00	26.81 -1.59 0.00	29.89 -1.71 0.00	30.37 -1.44 0.00	27.80 -1.35 0.00	25.77 -1.14 0.00	28.48 -1.26 0.00	28.40 -1.25 0.00	30.31 -1.25 0.00	32.34 -1.39 0.00	32.08 -1.56 0.00	31.38 -1.57 0.00	36.00 -1.87 0.00	35.52 -1.81 0.00	39.61 -2.00 0.02	38.05 -1.91 0.00	41.25 -2.27 0.00
OAKDALE___35_KV_LOAD 356122	36.92 -0.65 -1.25	34.12 -0.52 -1.12	30.70 -0.59 -0.50	26.89 -0.48 -0.34	24.88 -0.45 0.00	27.91 -0.52 -0.03	31.18 -0.60 -0.18	32.30 -0.51 -1.00	28.59 -0.56 0.00	27.40 -0.51 -1.00	30.28 -0.63 -1.16	30.28 -0.67 -1.31	32.38 -0.56 -1.38	34.51 -0.53 -1.31	34.51 -0.54 -1.41	33.86 -0.52 -1.43	38.60 -0.66 -1.39	38.19 -0.61 -1.47	42.70 -0.58 -1.65	39.56 -0.39 0.00	42.91 -0.61 0.00
OCC_CHEM___DRP 24175	24.40 -3.37 8.54	23.04 -2.79 7.69	24.55 -2.83 3.41	22.18 -2.53 2.32	22.82 -2.51 0.00	25.10 -3.08 0.22	27.07 -3.31 1.23	22.14 -2.77 6.89	26.67 -2.48 0.00	17.94 -2.11 6.86	19.41 -2.35 7.98	18.35 -2.36 8.94	19.69 -2.43 9.44	22.21 -2.54 8.99	20.86 -3.10 9.68	20.07 -3.12 9.77	24.45 -3.91 9.52	23.31 -3.93 10.09	25.68 -4.56 11.39	30.94 -4.44 4.58	38.38 -5.14 0.00
OH_GEN_PROXY 24063	25.76 -3.15 7.41	24.28 -2.57 6.67	25.19 -2.64 2.96	22.61 -2.40 2.01	22.93 -2.39 0.00	25.31 -2.90 0.19	27.20 -3.11 1.29	23.25 -2.57 5.98	26.77 -2.38 0.00	18.98 -1.97 5.96	20.61 -2.21 6.93	19.66 -2.23 7.76	21.10 -2.27 8.19	23.57 -2.37 7.80	22.45 -2.79 8.40	21.68 -2.79 8.48	26.26 -3.35 8.26	25.19 -3.38 8.76	27.84 -3.90 9.89	32.06 -3.93 3.98	38.86 -4.66 0.00
OLIN_CORP_DRP 24177	24.33 -3.26 8.73	22.98 -2.69 7.86	24.45 -2.85 3.49	22.07 -2.59 2.37	22.67 -2.66 0.00	25.02 -3.16 0.22	26.98 -3.37 1.25	22.04 -2.72 7.04	26.44 -2.70 0.00	17.80 -2.09 7.02	19.26 -2.33 8.16	18.18 -2.33 9.14	19.52 -2.39 9.65	22.10 -2.45 9.18	20.79 -2.96 9.89	19.97 -3.00 9.99	24.66 -3.49 9.73	23.49 -3.52 10.31	26.00 -3.99 11.64	31.05 -4.22 4.69	38.20 -5.33 0.00
OLIN_CORP_DSASP 323712	24.40 -3.37 8.54	23.04 -2.79 7.69	24.55 -2.83 3.41	22.18 -2.53 2.32	22.82 -2.51 0.00	25.10 -3.08 0.22	27.07 -3.31 1.23	22.14 -2.77 6.89	26.67 -2.48 0.00	17.94 -2.11 6.86	19.41 -2.35 7.98	18.35 -2.36 8.94	19.69 -2.43 9.44	22.21 -2.54 8.99	20.86 -3.10 9.68	20.07 -3.12 9.77	24.45 -3.91 9.52	23.31 -3.93 10.09	25.68 -4.56 11.39	30.94 -4.44 4.58	38.38 -5.14 0.00
ONEIDA_HERK_LFGE 323681	36.05 -0.27 0.00	33.23 -0.29 0.00	30.54 -0.25 0.00	26.84 -0.19 0.00	25.19 -0.14 0.00	28.36 -0.04 0.00	31.54 -0.06 0.00	31.61 -0.19 0.00	28.82 -0.33 0.00	26.67 -0.23 0.00	29.49 -0.25 0.00	29.35 -0.30 0.00	31.12 -0.45 0.00	33.21 -0.53 0.00	33.15 -0.49 0.00	32.33 -0.62 0.00	37.24 -0.63 0.00	36.70 -0.64 0.00	41.35 -0.28 0.00	39.98 0.02 0.00	43.74 0.21 0.00
ONEIDA___115KV_TB4 55905	36.63 0.31 0.00	33.79 0.26 0.00	31.00 0.21 0.00	27.24 0.21 0.00	25.53 0.20 0.00	28.64 0.24 0.00	31.87 0.27 0.00	32.06 0.25 0.00	29.23 0.08 0.00	27.01 0.10 0.00	29.75 0.00 0.00	29.58 -0.07 0.00	31.51 -0.05 0.00	33.69 -0.05 0.00	33.57 -0.08 0.00	32.80 -0.15 0.00	37.74 -0.13 0.00	37.30 -0.03 0.00	41.84 0.21 0.00	40.39 0.43 0.00	44.16 0.63 0.00
ONONDAGA_REF_OCCRA 23987	35.82 -0.50 0.00	33.09 -0.44 0.00	30.33 -0.46 0.00	26.63 -0.40 0.00	24.94 -0.39 0.00	27.93 -0.47 0.00	31.08 -0.52 0.00	31.33 -0.48 0.00	28.64 -0.52 0.00	26.39 -0.52 0.00	29.14 -0.60 0.00	29.07 -0.59 0.00	31.00 -0.56 0.00	33.16 -0.58 0.00	32.99 -0.65 0.00	32.24 -0.72 0.00	36.94 -0.93 0.00	36.49 -0.84 0.00	40.80 -0.82 0.01	39.32 -0.64 0.00	42.78 -0.74 0.00
ONONDAGA___COGEN 23986	35.85 -0.47 0.00	33.12 -0.41 0.00	30.35 -0.43 0.00	26.66 -0.37 0.00	24.97 -0.36 0.00	27.96 -0.45 0.00	31.11 -0.49 0.00	31.35 -0.46 0.00	28.65 -0.51 0.00	26.38 -0.52 0.00	29.13 -0.62 0.00	29.06 -0.59 0.00	31.02 -0.55 0.00	33.15 -0.59 0.00	32.99 -0.65 0.00	32.21 -0.74 0.00	36.92 -0.95 0.00	36.45 -0.88 0.00	40.78 -0.85 0.00	39.31 -0.65 0.00	42.78 -0.74 0.00
ONTARIO___LFGE 23819	40.51 -1.17 -5.36	37.40 -0.94 -4.82	31.93 -1.00 -2.14	27.62 -0.86 -1.45	24.50 -0.84 0.00	27.54 -1.00 -0.14	31.29 -1.07 -0.77	35.19 -0.93 -4.32	28.09 -1.07 0.00	30.10 -1.11 -4.30	33.40 -1.35 -5.00	33.92 -1.34 -5.60	36.26 -1.23 -5.92	38.09 -1.28 -5.63	38.37 -1.34 -6.06	37.73 -1.34 -6.12	42.16 -1.67 -5.96	42.05 -1.60 -6.32	47.15 -1.60 -7.11	41.92 -0.95 -2.91	42.65 -0.88 0.00
ORANGEVILLE_WT_PWR 323706	2.49 -3.14 30.69	3.19 -2.71 27.62	15.87 -2.67 12.25	16.40 -2.30 8.33	23.06 -2.26 0.01	24.98 -2.63 0.79	24.39 -2.82 4.40	4.61 -2.44 24.76	26.71 -2.43 0.01	-0.06 -2.30 24.66	-1.69 -2.75 28.68	-5.28 -2.81 32.12	-5.12 -2.75 33.93	-1.36 -2.81 32.28	-4.14 -3.02 34.77	-5.05 -2.90 35.10	0.29 -3.39 34.18	-2.10 -3.18 36.25	-2.49 -3.24 40.87	20.76 -2.72 16.47	40.34 -3.19 0.00
ORANGEVILLE___ESR 323794	2.49 -3.14 30.69	3.19 -2.71 27.62	15.87 -2.67 12.25	16.40 -2.30 8.33	23.06 -2.26 0.01	24.98 -2.63 0.79	24.39 -2.82 4.40	4.61 -2.44 24.76	26.71 -2.43 0.01	-0.06 -2.30 24.66	-1.69 -2.75 28.68	-5.28 -2.81 32.12	-5.12 -2.75 33.93	-1.36 -2.81 32.28	-4.14 -3.02 34.77	-5.05 -2.90 35.10	0.29 -3.39 34.18	-2.10 -3.18 36.25	-2.49 -3.24 40.87	20.76 -2.72 16.47	40.34 -3.19 0.00

OSWEGATCHIE___HYD 24044	34.78 -1.54 0.00	32.07 -1.45 0.00	29.49 -1.30 0.00	25.88 -1.15 0.00	24.29 -1.04 0.00	27.47 -0.93 0.00	30.60 -1.00 0.00	30.58 -1.23 0.00	27.93 -1.22 0.00	25.86 -1.05 0.00	28.62 -1.13 0.00	28.44 -1.21 0.00	30.01 -1.56 0.00	32.00 -1.73 0.00	31.94 -1.70 0.00	31.08 -1.87 0.00	35.84 -2.03 0.00	35.36 -1.97 0.00	39.97 -1.67 0.00	38.72 -1.24 0.00	42.40 -1.13 0.00
OSWEGO___5 23606	35.34 -0.98 0.00	32.65 -0.88 0.00	29.94 -0.85 0.00	26.29 -0.74 0.00	24.63 -0.70 0.00	27.58 -0.82 0.00	30.69 -0.92 0.00	30.92 -0.88 0.00	28.30 -0.85 0.00	26.11 -0.80 0.00	28.84 -0.90 0.00	28.76 -0.89 0.00	30.66 -0.90 0.00	32.76 -0.97 0.00	32.61 -1.03 0.00	31.84 -1.12 0.00	36.47 -1.40 0.00	35.98 -1.35 0.00	40.24 -1.46 -0.07	38.64 -1.32 0.00	42.05 -1.48 0.00
OSWEGO___6 23613	35.34 -0.98 0.00	32.65 -0.88 0.00	29.94 -0.85 0.00	26.29 -0.74 0.00	24.63 -0.70 0.00	27.58 -0.82 0.00	30.69 -0.92 0.00	30.92 -0.88 0.00	28.30 -0.85 0.00	26.11 -0.80 0.00	28.84 -0.90 0.00	28.76 -0.89 0.00	30.66 -0.90 0.00	32.76 -0.97 0.00	32.61 -1.03 0.00	31.84 -1.12 0.00	36.47 -1.40 0.00	35.98 -1.35 0.00	40.24 -1.46 -0.07	38.64 -1.32 0.00	42.05 -1.48 0.00
OUTOKUMPU-AB___DRP 24206	24.35 -2.77 9.19	22.97 -2.28 8.27	24.74 -2.38 3.67	22.38 -2.15 2.50	23.15 -2.18 0.00	25.50 -2.66 0.24	27.45 -2.83 1.32	22.11 -2.28 7.42	27.01 -2.13 0.00	17.77 -1.75 7.39	19.17 -1.98 8.59	18.03 -1.99 9.63	19.39 -2.01 10.16	22.03 -2.03 9.67	20.67 -2.55 10.42	19.86 -2.57 10.52	24.54 -3.08 10.24	23.40 -3.07 10.86	25.89 -3.49 12.26	31.56 -3.46 4.93	39.29 -4.23 0.00
OXBOW___BTM 323836	24.42 -3.03 8.87	23.05 -2.49 7.98	24.66 -2.59 3.54	22.26 -2.36 2.41	22.96 -2.37 0.00	25.28 -2.89 0.23	27.23 -3.10 1.27	22.12 -2.53 7.16	26.79 -2.36 0.00	17.84 -1.94 7.13	19.29 -2.17 8.29	18.20 -2.16 9.29	19.56 -2.20 9.81	22.13 -2.27 9.33	20.79 -2.80 10.05	20.05 -2.76 10.15	24.51 -3.47 9.88	23.39 -3.46 10.48	25.80 -4.00 11.83	31.25 -3.95 4.76	38.81 -4.71 0.00
OXBOW___ 24026	24.34 -3.11 8.87	22.97 -2.57 7.98	24.61 -2.64 3.54	22.25 -2.37 2.41	22.96 -2.37 0.00	25.27 -2.91 0.23	27.22 -3.11 1.27	22.09 -2.56 7.16	26.81 -2.34 0.00	17.82 -1.96 7.13	19.25 -2.20 8.29	18.16 -2.20 9.29	19.51 -2.25 9.81	22.08 -2.32 9.33	20.72 -2.86 10.05	19.94 -2.87 10.15	24.47 -3.52 9.88	23.32 -3.53 10.48	25.77 -4.04 11.83	31.22 -3.98 4.76	38.81 -4.71 0.00
OXY_CHEM_DSASP 323612	24.40 -3.37 8.54	23.04 -2.79 7.69	24.55 -2.83 3.41	22.18 -2.53 2.32	22.82 -2.51 0.00	25.10 -3.08 0.22	27.07 -3.31 1.23	22.14 -2.77 6.89	26.67 -2.48 0.00	17.94 -2.11 6.86	19.41 -2.35 7.98	18.35 -2.36 8.94	19.69 -2.43 9.44	22.21 -2.54 8.99	20.86 -3.10 9.68	20.07 -3.12 9.77	24.45 -3.91 9.52	23.31 -3.93 10.09	25.68 -4.56 11.39	30.94 -4.44 4.58	38.38 -5.14 0.00
OZONE_PARK_ESR 323760	39.02 2.70 0.00	35.84 2.32 0.00	32.90 2.12 0.00	28.88 1.85 0.00	26.98 1.64 0.00	30.13 1.73 0.00	33.51 1.91 0.00	33.74 1.93 0.00	31.12 1.98 0.00	28.86 1.95 0.00	32.01 2.26 0.00	31.96 2.31 0.00	34.12 2.56 0.00	36.57 2.83 0.00	36.78 3.13 0.00	36.31 3.36 0.00	41.78 3.91 0.00	41.20 3.87 0.00	45.79 4.16 0.00	43.72 3.76 0.00	47.41 3.88 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.40 -3.37 8.54	23.04 -2.79 7.69	24.55 -2.83 3.41	22.18 -2.53 2.32	22.82 -2.51 0.00	25.10 -3.08 0.22	27.07 -3.31 1.23	22.14 -2.77 6.89	26.67 -2.48 0.00	17.94 -2.11 6.86	19.41 -2.35 7.98	18.35 -2.36 8.94	19.69 -2.43 9.44	22.21 -2.54 8.99	20.86 -3.10 9.68	20.07 -3.12 9.77	24.45 -3.91 9.52	23.31 -3.93 10.09	25.68 -4.56 11.39	30.94 -4.44 4.58	38.38 -5.14 0.00
PACKARD___115KV_DUPONT_184 80571	24.48 -3.29 8.54	23.13 -2.71 7.69	24.61 -2.77 3.41	22.19 -2.51 2.32	22.82 -2.51 0.00	25.13 -3.06 0.22	27.08 -3.30 1.23	22.19 -2.73 6.89	26.65 -2.49 0.00	17.95 -2.09 6.86	19.44 -2.32 7.98	18.39 -2.32 8.94	19.75 -2.37 9.44	22.27 -2.48 8.99	20.92 -3.04 9.68	20.20 -2.98 9.77	24.49 -3.86 9.52	23.38 -3.86 10.09	25.74 -4.50 11.39	30.96 -4.42 4.58	38.38 -5.14 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.62 2.30 0.00	35.52 2.00 0.00	32.63 1.85 0.00	28.64 1.61 0.00	26.75 1.42 0.00	29.88 1.48 0.00	33.22 1.62 0.00	33.44 1.63 0.00	30.86 1.71 0.00	28.59 1.68 0.00	31.67 1.93 0.00	31.65 2.00 0.00	33.73 2.17 0.00	36.19 2.46 0.00	36.38 2.74 0.00	35.92 2.96 0.00	41.29 3.42 0.00	40.71 3.38 0.00	45.23 3.60 0.00	43.20 3.25 0.00	46.89 3.37 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.34 3.02 0.00	36.20 2.68 0.00	33.25 2.46 0.00	29.19 2.16 0.00	27.28 1.95 0.00	30.45 2.05 0.00	33.90 2.29 0.00	34.13 2.33 0.00	31.50 2.35 0.00	29.17 2.26 0.00	32.29 2.55 0.00	32.27 2.62 0.00	34.36 2.79 0.00	36.89 3.15 0.00	37.06 3.42 0.00	36.60 3.64 0.00	42.08 4.21 0.00	41.51 4.17 0.00	46.07 4.44 0.00	43.99 4.03 0.00	47.76 4.23 0.00
PATROON___115KV_TB1 80586	37.20 0.88 0.00	34.29 0.77 0.00	31.59 0.80 0.00	27.76 0.73 0.00	26.07 0.74 0.00	29.18 0.78 0.00	32.42 0.82 0.00	32.50 0.69 0.00	29.79 0.64 0.00	27.48 0.57 0.00	30.38 0.63 0.00	30.28 0.63 0.00	32.19 0.62 0.00	34.42 0.68 0.00	34.36 0.72 0.00	33.73 0.77 0.00	38.82 0.95 0.00	38.24 0.91 0.00	42.56 0.93 0.00	40.82 0.86 0.00	44.44 0.92 0.00
PATTRSNVILLE___SOLAR 323815	37.49 1.17 0.00	34.59 1.07 0.00	31.78 0.99 0.00	27.91 0.88 0.00	26.18 0.84 0.00	29.32 0.91 0.00	32.59 0.99 0.00	32.57 0.76 0.00	29.77 0.62 0.00	27.45 0.55 0.00	30.20 0.45 0.00	30.10 0.45 0.00	31.94 0.37 0.00	34.13 0.39 0.00	34.02 0.38 0.00	33.35 0.39 0.00	38.44 0.57 0.00	37.90 0.57 0.00	42.49 0.86 0.00	41.05 1.09 0.00	44.95 1.43 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.42 -2.59 10.31	22.12 -2.13 9.28	24.40 -2.28 4.12	22.19 -2.04 2.80	23.26 -2.07 0.00	25.68 -2.46 0.26	27.51 -2.62 1.48	21.39 -2.10 8.32	27.09 -2.06 0.00	17.00 -1.62 8.28	18.25 -1.87 9.63	16.97 -1.90 10.78	18.32 -1.86 11.39	20.99 -1.91 10.84	19.70 -2.27 11.67	18.89 -2.29 11.78	23.78 -2.61 11.48	22.59 -2.57 12.17	25.03 -2.86 13.74	31.56 -2.87 5.53	39.78 -3.75 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.63 2.31 0.00	35.52 2.00 0.00	32.62 1.83 0.00	28.62 1.60 0.00	26.75 1.42 0.00	29.90 1.50 0.00	33.25 1.65 0.00	33.46 1.65 0.00	30.79 1.64 0.00	28.54 1.64 0.00	31.64 1.90 0.00	31.60 1.95 0.00	33.76 2.20 0.00	36.17 2.44 0.00	36.35 2.72 0.00	35.86 2.90 0.00	41.26 3.39 0.00	40.74 3.41 0.00	45.29 3.65 0.00	43.26 3.30 0.00	46.93 3.40 0.00
PEEKSKILL____ 23653	38.35 2.03 0.00	35.27 1.74 0.00	32.37 1.58 0.00	28.43 1.40 0.00	26.57 1.24 0.00	29.69 1.29 0.00	33.02 1.42 0.00	33.23 1.42 0.00	30.60 1.45 0.00	28.34 1.43 0.00	31.42 1.67 0.00	31.37 1.72 0.00	33.50 1.93 0.00	35.90 2.17 0.00	36.07 2.43 0.00	35.59 2.64 0.00	40.96 3.09 0.00	40.38 3.05 0.00	44.90 3.26 0.00	42.89 2.93 0.00	46.50 2.97 0.00
PGE MADISON__WINDPWR 24146	38.46 0.26 -1.88	35.38 0.17 -1.69	31.40 -0.14 -0.75	27.42 -0.12 -0.51	25.36 0.03 0.00	28.62 0.17 -0.05	32.07 0.20 -0.27	33.72 0.39 -1.52	29.29 0.14 0.00	28.27 -0.14 -1.51	30.76 -0.74 -1.76	30.76 -0.86 -1.97	32.95 -0.69 -2.08	35.11 -0.60 -1.98	35.41 -0.36 -2.13	34.49 -0.61 -2.15	39.19 -0.77 -2.09	39.30 -0.25 -2.22	44.50 0.37 -2.50	42.67 1.70 -1.02	45.77 2.24 0.00
PIERCEFIELD__HYD 23852	35.43 -0.89 0.00	32.72 -0.80 0.00	30.07 -0.73 0.00	26.33 -0.70 0.00	24.66 -0.67 0.00	27.85 -0.56 0.00	31.07 -0.53 0.00	31.21 -0.60 0.00	28.66 -0.49 0.00	26.50 -0.41 0.00	29.28 -0.46 0.00	29.03 -0.62 0.00	30.72 -0.85 0.00	32.77 -0.96 0.00	32.63 -1.01 0.00	31.88 -1.07 0.00	36.92 -0.95 0.00	36.50 -0.83 0.00	40.95 -0.68 0.00	39.36 -0.60 0.00	42.97 -0.56 0.00
PINELAWN_CC_1 323563	39.31 2.99 0.00	35.94 2.42 0.00	32.92 2.13 0.00	28.86 1.83 0.00	26.94 1.61 0.00	30.12 1.72 0.00	33.53 1.93 0.00	33.58 1.77 0.00	31.05 1.90 0.00	28.69 1.79 0.00	31.86 2.12 0.00	31.74 2.09 0.00	33.96 2.40 0.00	36.52 2.78 0.00	38.08 3.21 -1.23	36.28 3.33 0.00	41.68 3.81 0.00	41.09 3.76 0.00	45.67 4.04 0.00	43.64 3.68 0.00	47.15 3.62 0.00
PJM_GEN_HTP_PROXY 323702	37.37 2.27 1.23	35.48 1.96 0.00	32.59 1.80 0.00	28.62 1.59 0.00	26.74 1.40 0.00	29.87 1.47 0.00	33.21 1.61 0.00	33.43 1.63 0.00	30.85 1.70 0.00	28.60 1.69 0.00	31.73 1.99 0.00	31.67 2.02 0.00	33.81 2.24 0.00	36.22 2.48 0.00	36.42 2.78 0.00	35.93 2.98 0.00	41.37 3.50 0.00	38.92 3.44 1.85	45.31 3.67 0.00	43.25 3.29 0.00	46.89 3.36 0.00
PJM_GEN_KEystone 24065	32.00 -0.38 3.93	30.81 -0.28 2.44	29.30 -0.41 1.08	25.95 -0.34 0.74	24.94 -0.39 0.00	27.80 -0.53 0.07	30.64 -0.57 0.39	29.23 -0.39 2.18	28.81 -0.34 0.00	24.56 -0.17 2.17	27.03 -0.18 2.53	26.60 -0.22 2.83	28.51 -0.07 2.99	30.93 0.03 2.84	30.68 0.10 3.06	30.09 0.22 3.09	35.11 0.25 3.01	32.50 0.21 5.04	38.16 0.13 3.61	38.51 0.01 1.46	43.18 -0.35 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.59 2.50 1.23	35.54 2.02 0.00	32.60 1.80 0.00	28.60 1.57 0.00	26.71 1.37 0.00	29.85 1.45 0.00	33.21 1.61 0.00	33.31 1.51 0.00	30.78 1.63 0.00	28.47 1.57 0.00	31.63 1.89 0.00	31.54 1.89 0.00	33.73 2.17 0.00	36.23 2.50 0.00	35.06 2.90 1.48	35.90 2.94 0.00	41.25 3.38 0.00	38.80 3.31 1.85	45.16 3.53 0.00	43.12 3.16 0.00	46.67 3.14 0.00
PJM_GEN_VFT_PROXY 323633	37.34 2.24 1.23	35.44 1.92 0.00	32.55 1.76 0.00	28.58 1.55 0.00	26.70 1.37 0.00	29.83 1.42 0.00	33.17 1.57 0.00	33.39 1.59 0.00	30.81 1.66 0.00	28.55 1.64 0.00	31.65 1.90 0.00	31.60 1.95 0.00	33.74 2.18 0.00	36.15 2.41 0.00	36.34 2.70 0.00	35.88 2.93 0.00	41.30 3.43 0.00	38.85 3.37 1.85	45.24 3.61 0.00	43.19 3.23 0.00	46.80 3.27 0.00
PLATSBURG_115KV_PMLD1 355749	36.12 -0.20 0.00	33.17 -0.35 0.00	30.56 -0.23 0.00	26.75 -0.28 0.00	25.07 -0.26 0.00	28.20 -0.20 0.00	31.40 -0.20 0.00	31.65 -0.15 0.00	29.19 0.04 0.00	26.99 0.08 0.00	29.86 0.12 0.00	29.70 0.05 0.00	31.55 -0.02 0.00	33.68 -0.06 0.00	33.57 -0.07 0.00	32.91 -0.05 0.00	38.01 0.14 0.00	37.52 0.19 0.00	41.78 0.15 0.00	40.01 0.04 0.00	43.62 0.09 0.00
PLEASANTVLY__LBMP 24000	38.16 1.84 0.00	35.11 1.59 0.00	32.27 1.48 0.00	28.33 1.30 0.00	26.48 1.15 0.00	29.61 1.21 0.00	32.91 1.31 0.00	33.10 1.30 0.00	30.45 1.30 0.00	28.21 1.30 0.00	31.26 1.52 0.00	31.22 1.57 0.00	33.33 1.77 0.00	35.68 1.94 0.00	35.80 2.16 0.00	35.31 2.35 0.00	40.62 2.75 0.00	40.06 2.73 0.00	44.53 2.90 0.00	42.55 2.59 0.00	46.14 2.62 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.49 2.18 0.00	35.40 1.88 0.00	32.50 1.71 0.00	28.53 1.50 0.00	26.67 1.33 0.00	29.79 1.39 0.00	33.12 1.52 0.00	33.32 1.51 0.00	30.69 1.53 0.00	28.44 1.54 0.00	31.53 1.79 0.00	31.50 1.84 0.00	33.62 2.06 0.00	36.02 2.28 0.00	36.18 2.55 0.00	35.72 2.76 0.00	41.11 3.24 0.00	40.53 3.20 0.00	45.04 3.41 0.00	43.05 3.09 0.00	46.67 3.14 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.49 2.18 0.00	35.40 1.88 0.00	32.50 1.71 0.00	28.53 1.50 0.00	26.67 1.33 0.00	29.79 1.39 0.00	33.12 1.52 0.00	33.32 1.51 0.00	30.69 1.53 0.00	28.44 1.54 0.00	31.53 1.79 0.00	31.50 1.84 0.00	33.62 2.06 0.00	36.02 2.28 0.00	36.18 2.55 0.00	35.72 2.76 0.00	41.11 3.24 0.00	40.53 3.20 0.00	45.04 3.41 0.00	43.05 3.09 0.00	46.67 3.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.48 2.16 0.00	35.39 1.87 0.00	32.51 1.73 0.00	28.54 1.51 0.00	26.69 1.36 0.00	29.84 1.44 0.00	33.17 1.57 0.00	33.36 1.55 0.00	30.67 1.52 0.00	28.39 1.48 0.00	31.45 1.70 0.00	31.40 1.75 0.00	33.50 1.93 0.00	35.88 2.14 0.00	36.06 2.42 0.00	35.55 2.59 0.00	40.92 3.05 0.00	40.37 3.04 0.00	44.93 3.30 0.00	42.96 3.00 0.00	46.62 3.09 0.00
POLETTI____ 23519	38.65 2.33 0.00	35.51 1.99 0.00	32.63 1.83 0.00	28.64 1.62 0.00	26.76 1.43 0.00	29.90 1.50 0.00	33.24 1.64 0.00	33.46 1.65 0.00	30.88 1.73 0.00	28.63 1.72 0.00	31.75 2.00 0.00	31.70 2.05 0.00	33.83 2.26 0.00	36.24 2.50 0.00	36.43 2.79 0.00	35.96 3.00 0.00	41.38 3.51 0.00	40.78 3.45 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00

POMONA__ESR 323819	38.38 2.06 0.00	35.30 1.77 0.00	32.39 1.60 0.00	28.44 1.41 0.00	26.58 1.25 0.00	29.71 1.30 0.00	33.05 1.45 0.00	33.26 1.45 0.00	30.63 1.48 0.00	28.36 1.45 0.00	31.44 1.69 0.00	31.39 1.74 0.00	33.54 1.98 0.00	35.97 2.23 0.00	36.15 2.51 0.00	35.67 2.72 0.00	41.04 3.18 0.00	40.47 3.14 0.00	44.99 3.36 0.00	42.97 3.01 0.00	46.53 3.02 0.00
PORT_JEFF_3 23555	39.22 2.90 0.00	35.86 2.33 0.00	32.83 2.04 0.00	28.80 1.78 0.00	26.88 1.55 0.00	30.05 1.65 0.00	33.41 1.81 0.00	33.36 1.56 0.00	30.97 1.82 0.00	28.60 1.69 0.00	31.76 2.02 0.00	31.59 1.94 0.00	33.81 2.25 0.00	36.37 2.63 0.00	36.10 3.05 0.58	36.16 3.21 0.00	41.56 3.69 0.00	40.83 3.50 0.00	45.29 3.66 0.00	43.22 3.27 0.00	46.71 3.18 0.00
PORT_JEFF_4 23616	39.22 2.90 0.00	35.86 2.33 0.00	32.83 2.04 0.00	28.80 1.78 0.00	26.88 1.55 0.00	30.05 1.65 0.00	33.41 1.81 0.00	33.36 1.56 0.00	30.97 1.82 0.00	28.60 1.69 0.00	31.76 2.02 0.00	31.59 1.94 0.00	33.81 2.25 0.00	36.37 2.63 0.00	36.10 3.05 0.58	36.16 3.21 0.00	41.56 3.69 0.00	40.83 3.50 0.00	45.29 3.66 0.00	43.22 3.27 0.00	46.71 3.18 0.00
PORT_JEFF_IC 23713	39.28 2.96 0.00	35.92 2.40 0.00	32.87 2.08 0.00	28.84 1.81 0.00	26.92 1.58 0.00	30.09 1.69 0.00	33.45 1.85 0.00	33.42 1.61 0.00	31.01 1.86 0.00	28.65 1.74 0.00	31.80 2.06 0.00	31.64 1.99 0.00	33.87 2.31 0.00	36.45 2.72 0.00	36.26 3.17 0.54	36.27 3.32 0.00	41.67 3.81 0.00	40.94 3.61 0.00	45.44 3.81 0.00	43.37 3.41 0.00	46.84 3.31 0.00
PPL_PILGRIM_ST_GT1 24216	39.45 3.14 0.00	36.08 2.55 0.00	33.03 2.24 0.00	28.97 1.94 0.00	27.03 1.70 0.00	30.23 1.83 0.00	33.64 2.04 0.00	33.67 1.86 0.00	31.18 2.03 0.00	28.80 1.89 0.00	31.97 2.23 0.00	31.82 2.17 0.00	34.05 2.49 0.00	36.66 2.92 0.00	36.62 3.35 0.37	36.38 3.43 0.00	41.81 3.94 0.00	41.18 3.85 0.00	45.79 4.16 0.00	43.72 3.76 0.00	47.19 3.66 0.00
PPL_PILGRIM_ST_GT2 24217	39.45 3.14 0.00	36.08 2.55 0.00	33.03 2.24 0.00	28.97 1.94 0.00	27.03 1.70 0.00	30.23 1.83 0.00	33.64 2.04 0.00	33.67 1.86 0.00	31.18 2.03 0.00	28.80 1.89 0.00	31.97 2.23 0.00	31.82 2.17 0.00	34.05 2.49 0.00	36.66 2.92 0.00	36.62 3.35 0.37	36.38 3.43 0.00	41.81 3.94 0.00	41.18 3.85 0.00	45.79 4.16 0.00	43.72 3.76 0.00	47.19 3.66 0.00
PPL_SHRM_GT3 24213	39.09 2.77 0.00	35.80 2.27 0.00	32.77 1.98 0.00	28.78 1.75 0.00	26.88 1.54 0.00	30.04 1.64 0.00	33.34 1.74 0.00	33.19 1.39 0.00	30.98 1.84 0.00	28.53 1.62 0.00	31.57 1.83 0.00	31.37 1.72 0.00	33.58 2.02 0.00	36.05 2.31 0.00	35.76 2.69 0.56	35.94 2.99 0.00	41.35 3.48 0.00	40.61 3.27 0.00	45.14 3.51 0.00	43.11 3.16 0.00	46.62 3.10 0.00
PPL_SHRM_GT4 24214	39.09 2.77 0.00	35.80 2.27 0.00	32.77 1.98 0.00	28.78 1.75 0.00	26.88 1.54 0.00	30.04 1.64 0.00	33.34 1.74 0.00	33.19 1.39 0.00	30.98 1.84 0.00	28.53 1.62 0.00	31.57 1.83 0.00	31.37 1.72 0.00	33.58 2.02 0.00	36.05 2.31 0.00	35.76 2.69 0.56	35.94 2.99 0.00	41.35 3.48 0.00	40.61 3.27 0.00	45.14 3.51 0.00	43.11 3.16 0.00	46.62 3.10 0.00
PROJECT__ORANGE 1 24174	35.69 -0.63 0.00	32.97 -0.56 0.00	30.22 -0.57 0.00	26.53 -0.50 0.00	24.86 -0.47 0.00	27.83 -0.57 0.00	30.98 -0.63 0.00	31.21 -0.60 0.00	28.55 -0.60 0.00	26.33 -0.58 0.00	29.09 -0.65 0.00	29.03 -0.63 0.00	30.96 -0.61 0.00	33.10 -0.64 0.00	32.92 -0.72 0.00	32.16 -0.79 0.00	36.85 -1.02 0.00	36.38 -0.95 0.00	40.64 -0.98 0.01	39.12 -0.83 0.00	42.57 -0.96 0.00
PROJECT__ORANGE 2 24166	35.69 -0.63 0.00	32.97 -0.56 0.00	30.22 -0.57 0.00	26.53 -0.50 0.00	24.86 -0.47 0.00	27.83 -0.57 0.00	30.98 -0.63 0.00	31.21 -0.60 0.00	28.55 -0.60 0.00	26.33 -0.58 0.00	29.09 -0.65 0.00	29.03 -0.63 0.00	30.96 -0.61 0.00	33.10 -0.64 0.00	32.92 -0.72 0.00	32.16 -0.79 0.00	36.85 -1.02 0.00	36.38 -0.95 0.00	40.64 -0.98 0.01	39.12 -0.83 0.00	42.57 -0.96 0.00
PUCKETT__SOLAR 323809	35.99 -0.33 0.00	33.22 -0.30 0.00	30.36 -0.43 0.00	26.69 -0.34 0.00	25.03 -0.30 0.00	28.07 -0.33 0.00	31.21 -0.39 0.00	31.47 -0.33 0.00	28.71 -0.44 0.00	26.39 -0.52 0.00	28.95 -0.80 0.00	28.78 -0.87 0.00	30.84 -0.72 0.00	33.11 -0.63 0.00	33.04 -0.60 0.00	32.37 -0.58 0.00	37.18 -0.69 0.00	36.82 -0.51 0.00	41.33 -0.30 0.00	40.14 0.18 0.00	43.65 0.13 0.00
PYRITES__HYD 24023	36.21 -0.11 0.00	33.45 -0.07 0.00	30.71 -0.08 0.00	26.89 -0.14 0.00	25.18 -0.15 0.00	28.43 0.03 0.00	31.70 0.10 0.00	31.77 -0.04 0.00	29.18 0.03 0.00	27.01 0.11 0.00	29.76 0.02 0.00	29.46 -0.19 0.00	31.08 -0.48 0.00	33.15 -0.59 0.00	33.09 -0.55 0.00	32.28 -0.67 0.00	37.42 -0.45 0.00	37.16 -0.17 0.00	41.86 0.23 0.00	40.25 0.29 0.00	43.84 0.32 0.00
QUAKERRD_115KV_BK1 80622	34.14 -2.18 0.00	31.65 -1.88 0.00	28.94 -1.85 0.00	25.38 -1.65 0.00	23.73 -1.61 0.00	26.45 -1.95 0.00	29.49 -2.11 0.00	29.90 -1.90 0.00	27.40 -1.75 0.00	25.35 -1.56 0.00	28.01 -1.74 0.00	27.92 -1.73 0.00	29.78 -1.78 0.00	31.77 -1.97 0.00	31.56 -2.08 0.00	30.84 -2.12 0.00	35.41 -2.46 0.00	34.94 -2.39 0.00	38.98 -2.63 0.02	37.49 -2.47 0.00	40.70 -2.83 0.00
QUENSBRY_115KV_TB8 356137	38.82 2.50 0.00	35.63 2.10 0.00	32.70 1.91 0.00	28.73 1.70 0.00	27.00 1.67 0.00	30.27 1.86 0.00	33.65 2.04 0.00	33.67 1.86 0.00	30.85 1.70 0.00	28.57 1.67 0.00	31.45 1.71 0.00	31.37 1.72 0.00	32.87 1.31 0.00	34.89 1.16 0.00	34.69 1.05 0.00	34.15 1.19 0.00	39.80 1.93 0.00	39.44 2.11 0.00	44.27 2.64 0.00	42.63 2.67 0.00	46.44 2.91 0.00
RAMAPO__LBMP 323565	38.20 1.88 0.00	35.14 1.62 0.00	32.25 1.46 0.00	28.31 1.28 0.00	26.47 1.13 0.00	29.58 1.18 0.00	32.90 1.31 0.00	33.11 1.31 0.00	30.48 1.33 0.00	28.22 1.31 0.00	31.28 1.53 0.00	31.23 1.58 0.00	33.35 1.79 0.00	35.76 2.02 0.00	35.93 2.29 0.00	35.46 2.51 0.00	40.78 2.91 0.00	40.21 2.88 0.00	44.71 3.08 0.00	42.71 2.75 0.00	46.28 2.75 0.00

RANKINE____ 23646	22.28 -2.73 11.31	21.11 -2.24 10.18	23.93 -2.34 4.51	21.87 -2.09 3.07	23.24 -2.09 0.00	25.59 -2.52 0.29	27.29 -2.69 1.62	20.52 -2.17 9.12	27.09 -2.05 0.00	16.12 -1.70 9.09	17.20 -1.98 10.57	15.80 -2.01 11.84	17.07 -2.00 12.50	19.79 -2.05 11.90	18.39 -2.44 12.81	17.57 -2.45 12.93	22.47 -2.81 12.60	21.20 -2.77 13.36	23.51 -3.05 15.07	30.88 -3.01 6.07	39.81 -3.72 0.00
RAVENSWOOD_GT2_1 24244	38.65 2.33 0.00	35.53 2.01 0.00	32.63 1.84 0.00	28.65 1.62 0.00	26.77 1.43 0.00	29.91 1.51 0.00	33.24 1.64 0.00	33.47 1.66 0.00	30.88 1.73 0.00	28.63 1.72 0.00	31.75 2.01 0.00	31.70 2.05 0.00	33.84 2.27 0.00	36.25 2.51 0.00	36.44 2.80 0.00	35.97 3.01 0.00	41.38 3.51 0.00	40.78 3.45 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00
RAVENSWOOD_GT2_2 24245	38.65 2.33 0.00	35.53 2.01 0.00	32.63 1.84 0.00	28.65 1.62 0.00	26.77 1.43 0.00	29.91 1.51 0.00	33.24 1.64 0.00	33.47 1.66 0.00	30.88 1.73 0.00	28.63 1.72 0.00	31.75 2.01 0.00	31.70 2.05 0.00	33.84 2.27 0.00	36.25 2.51 0.00	36.44 2.80 0.00	35.97 3.01 0.00	41.38 3.51 0.00	40.78 3.45 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00
RAVENSWOOD_GT2_3 24246	38.67 2.35 0.00	35.54 2.02 0.00	32.65 1.85 0.00	28.66 1.63 0.00	26.78 1.44 0.00	29.92 1.52 0.00	33.26 1.66 0.00	33.49 1.68 0.00	30.89 1.74 0.00	28.64 1.73 0.00	31.76 2.02 0.00	31.72 2.07 0.00	33.85 2.29 0.00	36.27 2.53 0.00	36.46 2.82 0.00	35.99 3.03 0.00	41.40 3.53 0.00	40.81 3.48 0.00	45.35 3.71 0.00	43.29 3.33 0.00	46.93 3.40 0.00
RAVENSWOOD_GT2_4 24247	38.67 2.35 0.00	35.54 2.02 0.00	32.65 1.85 0.00	28.66 1.63 0.00	26.78 1.44 0.00	29.92 1.52 0.00	33.26 1.66 0.00	33.49 1.68 0.00	30.89 1.74 0.00	28.64 1.73 0.00	31.76 2.02 0.00	31.72 2.07 0.00	33.85 2.29 0.00	36.27 2.53 0.00	36.46 2.82 0.00	35.99 3.03 0.00	41.40 3.53 0.00	40.81 3.48 0.00	45.35 3.71 0.00	43.29 3.33 0.00	46.93 3.40 0.00
RAVENSWOOD_GT3_1 24248	38.66 2.34 0.00	35.53 2.01 0.00	32.63 1.84 0.00	28.65 1.62 0.00	26.77 1.43 0.00	29.91 1.50 0.00	33.24 1.64 0.00	33.47 1.66 0.00	30.88 1.73 0.00	28.63 1.72 0.00	31.75 2.01 0.00	31.70 2.05 0.00	33.84 2.27 0.00	36.25 2.51 0.00	36.44 2.80 0.00	35.96 3.01 0.00	41.38 3.51 0.00	40.78 3.45 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00
RAVENSWOOD_GT3_2 24249	38.66 2.34 0.00	35.53 2.01 0.00	32.63 1.84 0.00	28.65 1.62 0.00	26.77 1.43 0.00	29.91 1.50 0.00	33.24 1.64 0.00	33.47 1.66 0.00	30.88 1.73 0.00	28.63 1.72 0.00	31.75 2.01 0.00	31.70 2.05 0.00	33.84 2.27 0.00	36.25 2.51 0.00	36.44 2.80 0.00	35.96 3.01 0.00	41.38 3.51 0.00	40.78 3.45 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00
RAVENSWOOD_GT3_3 24250	38.72 2.40 0.00	35.57 2.05 0.00	32.68 1.89 0.00	28.69 1.66 0.00	26.80 1.47 0.00	29.95 1.55 0.00	33.30 1.70 0.00	33.52 1.71 0.00	30.93 1.78 0.00	28.68 1.77 0.00	31.80 2.05 0.00	31.76 2.11 0.00	33.89 2.33 0.00	36.31 2.58 0.00	36.51 2.86 0.00	36.03 3.07 0.00	41.45 3.59 0.00	40.85 3.52 0.00	45.40 3.77 0.00	43.35 3.39 0.00	46.97 3.44 0.00
RAVENSWOOD_GT3_4 24251	38.72 2.40 0.00	35.57 2.05 0.00	32.68 1.89 0.00	28.69 1.66 0.00	26.80 1.47 0.00	29.95 1.55 0.00	33.30 1.70 0.00	33.52 1.71 0.00	30.93 1.78 0.00	28.68 1.77 0.00	31.80 2.05 0.00	31.76 2.11 0.00	33.89 2.33 0.00	36.31 2.58 0.00	36.51 2.86 0.00	36.03 3.07 0.00	41.45 3.59 0.00	40.85 3.52 0.00	45.40 3.77 0.00	43.35 3.39 0.00	46.97 3.44 0.00
RAVENSWOOD_GT_1 23729	38.70 2.38 0.00	35.58 2.05 0.00	32.69 1.90 0.00	28.70 1.67 0.00	26.81 1.48 0.00	29.94 1.54 0.00	33.29 1.69 0.00	33.52 1.71 0.00	30.94 1.79 0.00	28.69 1.78 0.00	31.80 2.06 0.00	31.76 2.11 0.00	33.87 2.31 0.00	36.30 2.56 0.00	36.50 2.85 0.00	36.03 3.08 0.00	41.46 3.59 0.00	40.85 3.52 0.00	45.38 3.75 0.00	43.34 3.38 0.00	47.02 3.49 0.00
RAVENSWOOD_GT_10 24258	38.65 2.33 0.00	35.53 2.01 0.00	32.63 1.84 0.00	28.65 1.62 0.00	26.77 1.43 0.00	29.91 1.50 0.00	33.24 1.64 0.00	33.47 1.66 0.00	30.88 1.73 0.00	28.63 1.72 0.00	31.75 2.01 0.00	31.70 2.05 0.00	33.84 2.27 0.00	36.25 2.51 0.00	36.44 2.80 0.00	35.96 3.01 0.00	41.38 3.51 0.00	40.78 3.45 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00
RAVENSWOOD_GT_11 24259	38.65 2.33 0.00	35.53 2.01 0.00	32.63 1.84 0.00	28.65 1.62 0.00	26.77 1.43 0.00	29.91 1.50 0.00	33.24 1.64 0.00	33.47 1.66 0.00	30.88 1.73 0.00	28.63 1.72 0.00	31.75 2.01 0.00	31.70 2.05 0.00	33.84 2.27 0.00	36.25 2.51 0.00	36.44 2.80 0.00	35.96 3.01 0.00	41.38 3.51 0.00	40.78 3.45 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00
RAVENSWOOD_GT_4 24252	38.66 2.34 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.78 1.44 0.00	29.91 1.51 0.00	33.26 1.66 0.00	33.47 1.67 0.00	30.89 1.74 0.00	28.64 1.73 0.00	31.75 2.01 0.00	31.71 2.06 0.00	33.84 2.27 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.40 3.53 0.00	40.80 3.47 0.00	45.33 3.70 0.00	43.28 3.32 0.00	46.93 3.40 0.00
RAVENSWOOD_GT_5 24254	38.66 2.34 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.78 1.44 0.00	29.91 1.51 0.00	33.26 1.66 0.00	33.47 1.67 0.00	30.89 1.74 0.00	28.64 1.73 0.00	31.75 2.01 0.00	31.71 2.06 0.00	33.84 2.27 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.40 3.53 0.00	40.80 3.47 0.00	45.33 3.70 0.00	43.28 3.32 0.00	46.93 3.40 0.00
RAVENSWOOD_GT_6 24253	38.66 2.34 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.78 1.44 0.00	29.91 1.51 0.00	33.26 1.66 0.00	33.47 1.67 0.00	30.89 1.74 0.00	28.64 1.73 0.00	31.75 2.01 0.00	31.71 2.06 0.00	33.84 2.27 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.40 3.53 0.00	40.80 3.47 0.00	45.33 3.70 0.00	43.28 3.32 0.00	46.93 3.40 0.00

RAVENSWOOD_GT_7 24255	38.66 2.34 0.00	35.53 2.01 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.78 1.44 0.00	29.91 1.51 0.00	33.26 1.66 0.00	33.47 1.67 0.00	30.89 1.74 0.00	28.64 1.73 0.00	31.75 2.01 0.00	31.71 2.06 0.00	33.84 2.27 0.00	36.26 2.52 0.00	36.45 2.81 0.00	35.98 3.03 0.00	41.40 3.53 0.00	40.80 3.47 0.00	45.33 3.70 0.00	43.28 3.32 0.00	46.93 3.40 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.65 2.33 0.00	35.53 2.01 0.00	32.63 1.84 0.00	28.65 1.62 0.00	26.77 1.43 0.00	29.91 1.50 0.00	33.24 1.64 0.00	33.47 1.66 0.00	30.88 1.73 0.00	28.63 1.72 0.00	31.75 2.01 0.00	31.70 2.05 0.00	33.84 2.27 0.00	36.25 2.51 0.00	36.44 2.80 0.00	35.96 3.01 0.00	41.38 3.51 0.00	40.78 3.45 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00
RAVENSWOOD_GT_9 24257	38.65 2.33 0.00	35.53 2.01 0.00	32.63 1.84 0.00	28.65 1.62 0.00	26.77 1.43 0.00	29.91 1.50 0.00	33.24 1.64 0.00	33.47 1.66 0.00	30.88 1.73 0.00	28.63 1.72 0.00	31.75 2.01 0.00	31.70 2.05 0.00	33.84 2.27 0.00	36.25 2.51 0.00	36.44 2.80 0.00	35.96 3.01 0.00	41.38 3.51 0.00	40.78 3.45 0.00	45.32 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00
RAVENSWOOD___1 23533	38.66 2.34 0.00	35.54 2.01 0.00	32.65 1.86 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.27 1.67 0.00	33.48 1.68 0.00	30.92 1.78 0.00	28.66 1.76 0.00	31.77 2.03 0.00	31.73 2.08 0.00	33.85 2.28 0.00	36.27 2.53 0.00	36.46 2.82 0.00	36.00 3.04 0.00	41.42 3.55 0.00	40.82 3.49 0.00	45.36 3.73 0.00	43.31 3.35 0.00	46.97 3.44 0.00
RAVENSWOOD___2 23534	38.66 2.34 0.00	35.54 2.01 0.00	32.65 1.86 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.27 1.67 0.00	33.48 1.68 0.00	30.92 1.78 0.00	28.66 1.76 0.00	31.77 2.03 0.00	31.73 2.08 0.00	33.85 2.28 0.00	36.27 2.53 0.00	36.46 2.82 0.00	36.00 3.04 0.00	41.42 3.55 0.00	40.82 3.49 0.00	45.36 3.73 0.00	43.31 3.35 0.00	46.97 3.44 0.00
RAVENSWOOD___3 23535	38.65 2.33 0.00	35.51 1.98 0.00	32.62 1.83 0.00	28.65 1.62 0.00	26.77 1.43 0.00	29.90 1.50 0.00	33.24 1.64 0.00	33.46 1.65 0.00	30.88 1.73 0.00	28.63 1.72 0.00	31.74 2.00 0.00	31.69 2.04 0.00	33.83 2.27 0.00	36.24 2.51 0.00	36.43 2.79 0.00	35.95 3.00 0.00	41.37 3.50 0.00	40.78 3.44 0.00	45.33 3.69 0.00	43.27 3.31 0.00	46.89 3.36 0.00
RAVENSWOOD___4 23820	38.66 2.34 0.00	35.54 2.01 0.00	32.65 1.86 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.92 1.52 0.00	33.27 1.67 0.00	33.48 1.68 0.00	30.92 1.78 0.00	28.66 1.76 0.00	31.77 2.03 0.00	31.73 2.08 0.00	33.85 2.28 0.00	36.27 2.53 0.00	36.46 2.82 0.00	36.00 3.04 0.00	41.42 3.55 0.00	40.82 3.49 0.00	45.36 3.73 0.00	43.31 3.35 0.00	46.97 3.44 0.00
RCPL_TRUST___DRP 24196	38.72 2.40 0.00	35.50 1.98 0.00	32.60 1.81 0.00	28.62 1.59 0.00	26.74 1.40 0.00	29.88 1.47 0.00	33.22 1.62 0.00	33.44 1.64 0.00	30.85 1.70 0.00	28.60 1.69 0.00	31.73 1.99 0.00	31.68 2.03 0.00	33.81 2.24 0.00	36.23 2.49 0.00	36.42 2.78 0.00	35.95 3.00 0.00	41.38 3.51 0.00	40.77 3.44 0.00	45.31 3.67 0.00	43.25 3.29 0.00	46.89 3.36 0.00
RED___ROCHESTER 323720	34.97 -1.35 0.00	32.45 -1.08 0.00	29.59 -1.20 0.00	25.92 -1.11 0.00	24.21 -1.12 0.00	26.99 -1.41 0.00	30.08 -1.52 0.00	30.56 -1.25 0.00	27.98 -1.17 0.00	25.95 -0.96 0.00	28.69 -1.06 0.00	28.62 -1.03 0.00	30.55 -1.02 0.00	32.56 -1.18 0.00	32.34 -1.30 0.00	31.66 -1.30 0.00	36.33 -1.54 0.00	35.87 -1.46 0.00	40.04 -1.57 0.02	38.46 -1.50 0.00	41.66 -1.87 0.00
REGAN___SOLAR 323812	38.09 1.78 0.00	35.14 1.62 0.00	32.23 1.44 0.00	28.29 1.26 0.00	26.50 1.17 0.00	29.70 1.30 0.00	33.03 1.43 0.00	32.81 1.01 0.00	29.88 0.73 0.00	27.60 0.69 0.00	30.14 0.39 0.00	30.06 0.41 0.00	31.44 -0.12 0.00	33.68 -0.06 0.00	33.49 -0.15 0.00	32.72 -0.24 0.00	37.76 -0.11 0.00	37.16 -0.17 0.00	42.26 0.63 0.00	41.50 1.55 0.00	45.77 2.25 0.00
RENSSELAER___COGEN 23796	37.03 0.71 0.00	34.14 0.61 0.00	31.44 0.65 0.00	27.64 0.61 0.00	25.96 0.63 0.00	29.05 0.65 0.00	32.27 0.67 0.00	32.35 0.55 0.00	29.67 0.52 0.00	27.34 0.43 0.00	30.23 0.49 0.00	30.14 0.49 0.00	32.05 0.49 0.00	34.26 0.53 0.00	34.20 0.56 0.00	33.57 0.62 0.00	38.64 0.77 0.00	38.03 0.70 0.00	42.30 0.67 0.00	40.56 0.60 0.00	44.18 0.65 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.97 3.65 0.00	36.51 2.99 0.00	33.45 2.66 0.00	29.50 2.47 0.00	27.66 2.32 0.00	31.03 2.63 0.00	34.50 2.90 0.00	34.30 2.50 0.00	31.50 2.35 0.00	29.28 2.37 0.00	32.32 2.57 0.00	32.17 2.52 0.00	33.77 2.21 0.00	35.54 1.80 0.00	35.11 1.47 0.00	34.65 1.70 0.00	40.33 2.46 0.00	40.18 2.85 0.00	44.79 3.16 0.00	43.32 3.36 0.00	47.66 4.13 0.00
REVERE_CPPR_DRP 24186	36.74 0.42 0.00	33.87 0.35 0.00	31.09 0.30 0.00	27.33 0.30 0.00	25.61 0.28 0.00	28.77 0.37 0.00	32.00 0.40 0.00	32.16 0.36 0.00	29.29 0.14 0.00	27.09 0.19 0.00	29.84 0.10 0.00	29.68 0.03 0.00	31.59 0.02 0.00	33.74 0.00 0.00	33.61 -0.02 0.00	32.82 -0.14 0.00	37.81 -0.06 0.00	37.39 0.06 0.00	42.04 0.41 0.00	40.64 0.68 0.00	44.43 0.91 0.00
REYNLDDPA_13_KV_LD 356490	36.19 -0.13 0.00	33.45 -0.07 0.00	30.72 -0.07 0.00	26.90 -0.13 0.00	25.18 -0.15 0.00	28.36 -0.04 0.00	31.65 0.04 0.00	31.90 0.09 0.00	29.32 0.17 0.00	27.06 0.15 0.00	29.92 0.18 0.00	29.79 0.14 0.00	31.63 0.07 0.00	33.78 0.04 0.00	33.62 -0.02 0.00	32.91 -0.05 0.00	37.91 0.05 0.00	37.39 0.06 0.00	41.69 0.06 0.00	39.90 -0.06 0.00	43.61 0.09 0.00
REYNOLDS_115KV_TB3 80639	37.30 0.98 0.00	34.37 0.84 0.00	31.67 0.88 0.00	27.82 0.80 0.00	26.16 0.83 0.00	29.26 0.87 0.00	32.52 0.92 0.00	32.58 0.78 0.00	29.87 0.72 0.00	27.54 0.63 0.00	30.44 0.70 0.00	30.36 0.70 0.00	32.28 0.71 0.00	34.50 0.76 0.00	34.44 0.80 0.00	33.80 0.85 0.00	38.87 1.00 0.00	38.23 0.90 0.00	42.52 0.89 0.00	40.72 0.77 0.00	44.36 0.83 0.00

RIVERBAY____ 323610	39.34 3.02 0.00	36.20 2.68 0.00	33.25 2.46 0.00	29.19 2.16 0.00	27.28 1.95 0.00	30.45 2.05 0.00	33.90 2.29 0.00	34.13 2.33 0.00	31.50 2.35 0.00	29.17 2.26 0.00	32.29 2.55 0.00	32.27 2.62 0.00	34.36 2.79 0.00	36.89 3.15 0.00	37.06 3.42 0.00	36.60 3.64 0.00	42.08 4.21 0.00	41.51 4.17 0.00	46.07 4.44 0.00	43.99 4.03 0.00	47.76 4.23 0.00
RIVERSIDE_115KV_TB3 55908	37.19 0.88 0.00	34.28 0.75 0.00	31.58 0.79 0.00	27.75 0.72 0.00	26.07 0.74 0.00	29.17 0.77 0.00	32.42 0.82 0.00	32.49 0.69 0.00	29.79 0.64 0.00	27.47 0.56 0.00	30.37 0.62 0.00	30.27 0.62 0.00	32.18 0.62 0.00	34.42 0.68 0.00	34.35 0.71 0.00	33.71 0.76 0.00	38.78 0.91 0.00	38.17 0.84 0.00	42.47 0.84 0.00	40.70 0.74 0.00	44.31 0.79 0.00
ROARING__BROOK_WT_PWR 323790	35.53 -0.78 0.00	32.80 -0.72 0.00	30.21 -0.58 0.00	26.56 -0.47 0.00	24.90 -0.43 0.00	28.04 -0.36 0.00	31.23 -0.37 0.00	31.35 -0.46 0.00	28.67 -0.48 0.00	26.45 -0.45 0.00	29.35 -0.39 0.00	29.23 -0.42 0.00	30.97 -0.59 0.00	33.02 -0.72 0.00	33.01 -0.63 0.00	32.31 -0.64 0.00	37.13 -0.74 0.00	36.48 -0.85 0.00	40.83 -0.80 0.00	39.37 -0.58 0.00	43.01 -0.52 0.00
ROCHESRG_115KV_T4 355643	32.98 -1.80 1.54	30.64 -1.50 1.39	28.63 -1.54 0.61	25.23 -1.38 0.42	23.97 -1.37 0.00	26.66 -1.70 0.04	29.56 -1.83 0.22	29.00 -1.56 1.24	27.72 -1.43 0.00	24.44 -1.23 1.24	26.93 -1.37 1.44	26.66 -1.37 1.62	28.47 -1.39 1.70	30.59 -1.52 1.62	30.18 -1.71 1.75	29.44 -1.75 1.76	34.11 -2.05 1.72	33.50 -2.01 1.82	37.33 -2.22 2.08	37.01 -2.12 0.82	41.03 -2.48 0.00
ROCHESTER_9_IC 23652	34.76 -1.56 0.00	32.25 -1.27 0.00	29.43 -1.36 0.00	25.81 -1.22 0.00	24.11 -1.22 0.00	26.86 -1.54 0.00	29.96 -1.65 0.00	30.42 -1.39 0.00	27.88 -1.27 0.00	25.83 -1.07 0.00	28.55 -1.20 0.00	28.46 -1.19 0.00	30.37 -1.19 0.00	32.41 -1.33 0.00	32.14 -1.50 0.00	31.43 -1.52 0.00	36.10 -1.77 0.00	35.62 -1.71 0.00	39.74 -1.87 0.02	38.19 -1.77 0.00	41.39 -2.14 0.00
ROCKVIEW_13_KV_LD 356306	38.70 2.38 0.00	35.57 2.05 0.00	32.65 1.86 0.00	28.66 1.64 0.00	26.79 1.45 0.00	29.92 1.51 0.00	33.27 1.67 0.00	33.48 1.67 0.00	30.85 1.70 0.00	28.60 1.70 0.00	31.72 1.97 0.00	31.69 2.04 0.00	33.81 2.25 0.00	36.27 2.53 0.00	36.42 2.77 0.00	35.94 2.98 0.00	41.37 3.50 0.00	40.82 3.49 0.00	45.36 3.73 0.00	43.31 3.35 0.00	46.93 3.40 0.00
ROME____115KV_TB2 80656	36.74 0.42 0.00	33.87 0.35 0.00	31.09 0.30 0.00	27.33 0.30 0.00	25.61 0.28 0.00	28.77 0.37 0.00	32.00 0.40 0.00	32.16 0.36 0.00	29.29 0.14 0.00	27.09 0.19 0.00	29.84 0.10 0.00	29.68 0.03 0.00	31.59 0.02 0.00	33.74 0.00 0.00	33.61 -0.02 0.00	32.82 -0.14 0.00	37.81 -0.06 0.00	37.39 0.06 0.00	42.04 0.41 0.00	40.64 0.68 0.00	44.43 0.91 0.00
ROSETON__1 23587	38.15 1.83 0.00	35.10 1.57 0.00	32.24 1.45 0.00	28.32 1.29 0.00	26.47 1.13 0.00	29.59 1.19 0.00	32.90 1.30 0.00	33.09 1.28 0.00	30.45 1.30 0.00	28.20 1.29 0.00	31.25 1.50 0.00	31.20 1.55 0.00	33.31 1.75 0.00	35.66 1.93 0.00	35.80 2.16 0.00	35.30 2.35 0.00	40.62 2.75 0.00	40.05 2.73 0.00	44.55 2.92 0.00	42.57 2.61 0.00	46.19 2.66 0.00
ROSETON__2 23588	38.15 1.83 0.00	35.10 1.57 0.00	32.24 1.45 0.00	28.32 1.29 0.00	26.47 1.13 0.00	29.59 1.19 0.00	32.90 1.30 0.00	33.09 1.28 0.00	30.45 1.30 0.00	28.20 1.29 0.00	31.25 1.50 0.00	31.20 1.55 0.00	33.31 1.75 0.00	35.66 1.93 0.00	35.80 2.16 0.00	35.30 2.35 0.00	40.62 2.75 0.00	40.05 2.73 0.00	44.55 2.92 0.00	42.57 2.61 0.00	46.19 2.66 0.00
ROTTDRAM_115KV_TB3 80664	37.32 1.00 0.00	34.42 0.90 0.00	31.65 0.85 0.00	27.80 0.77 0.00	26.09 0.75 0.00	29.21 0.81 0.00	32.45 0.85 0.00	32.56 0.75 0.00	29.80 0.65 0.00	27.50 0.59 0.00	30.36 0.62 0.00	30.28 0.63 0.00	32.17 0.61 0.00	34.38 0.64 0.00	34.29 0.66 0.00	33.64 0.69 0.00	38.75 0.88 0.00	38.20 0.87 0.00	42.66 1.03 0.00	40.97 1.01 0.00	44.66 1.13 0.00
RUSSELL__1 23602	34.92 -1.40 0.00	32.39 -1.13 0.00	29.55 -1.24 0.00	25.91 -1.12 0.00	24.21 -1.13 0.00	26.97 -1.44 0.00	30.07 -1.53 0.00	30.54 -1.27 0.00	27.99 -1.16 0.00	25.94 -0.97 0.00	28.67 -1.08 0.00	28.59 -1.06 0.00	30.52 -1.05 0.00	32.53 -1.21 0.00	32.30 -1.34 0.00	31.60 -1.36 0.00	36.30 -1.57 0.00	35.83 -1.50 0.00	40.00 -1.60 0.02	38.45 -1.51 0.00	41.66 -1.87 0.00
RUSSELL__2 23532	34.92 -1.40 0.00	32.39 -1.13 0.00	29.55 -1.24 0.00	25.91 -1.12 0.00	24.21 -1.13 0.00	26.97 -1.44 0.00	30.07 -1.53 0.00	30.54 -1.27 0.00	27.99 -1.16 0.00	25.94 -0.97 0.00	28.67 -1.08 0.00	28.59 -1.06 0.00	30.52 -1.05 0.00	32.53 -1.21 0.00	32.30 -1.34 0.00	31.60 -1.36 0.00	36.30 -1.57 0.00	35.83 -1.50 0.00	40.00 -1.60 0.02	38.45 -1.51 0.00	41.66 -1.87 0.00
RUSSELL__3 23549	34.92 -1.40 0.00	32.39 -1.13 0.00	29.55 -1.24 0.00	25.91 -1.12 0.00	24.21 -1.13 0.00	26.97 -1.44 0.00	30.07 -1.53 0.00	30.54 -1.27 0.00	27.99 -1.16 0.00	25.94 -0.97 0.00	28.67 -1.08 0.00	28.59 -1.06 0.00	30.52 -1.05 0.00	32.53 -1.21 0.00	32.30 -1.34 0.00	31.60 -1.36 0.00	36.30 -1.57 0.00	35.83 -1.50 0.00	40.00 -1.60 0.02	38.45 -1.51 0.00	41.66 -1.87 0.00
RUSSELL__4 23556	34.92 -1.40 0.00	32.39 -1.13 0.00	29.55 -1.24 0.00	25.91 -1.12 0.00	24.21 -1.13 0.00	26.97 -1.44 0.00	30.07 -1.53 0.00	30.54 -1.27 0.00	27.99 -1.16 0.00	25.94 -0.97 0.00	28.67 -1.08 0.00	28.59 -1.06 0.00	30.52 -1.05 0.00	32.53 -1.21 0.00	32.30 -1.34 0.00	31.60 -1.36 0.00	36.30 -1.57 0.00	35.83 -1.50 0.00	40.00 -1.60 0.02	38.45 -1.51 0.00	41.66 -1.87 0.00
RUSSELL__STATION 23914	34.92 -1.40 0.00	32.39 -1.13 0.00	29.55 -1.24 0.00	25.91 -1.12 0.00	24.21 -1.13 0.00	26.97 -1.44 0.00	30.07 -1.53 0.00	30.54 -1.27 0.00	27.99 -1.16 0.00	25.94 -0.97 0.00	28.67 -1.08 0.00	28.59 -1.06 0.00	30.52 -1.05 0.00	32.53 -1.21 0.00	32.30 -1.34 0.00	31.60 -1.36 0.00	36.30 -1.57 0.00	35.83 -1.50 0.00	40.00 -1.60 0.02	38.45 -1.51 0.00	41.66 -1.87 0.00

S SALMON___HYD 24043	35.10 -1.22 0.00	32.38 -1.15 0.00	29.71 -1.08 0.00	26.11 -0.93 0.00	24.48 -0.85 0.00	27.52 -0.88 0.00	30.57 -1.03 0.00	30.64 -1.16 0.00	27.96 -1.19 0.00	25.84 -1.07 0.00	28.55 -1.19 0.00	28.49 -1.16 0.00	30.26 -1.31 0.00	32.32 -1.42 0.00	32.19 -1.45 0.00	31.33 -1.62 0.00	35.83 -2.05 0.00	35.32 -2.01 0.00	39.73 -1.91 -0.01	38.53 -1.43 0.00	42.12 -1.41 0.00
S.PERRY___115KV_TB1 80734	69.78 -1.47 -34.94	63.69 -1.28 -31.44	43.37 -1.37 -13.95	35.34 -1.18 -9.49	24.18 -1.17 -0.02	27.87 -1.43 -0.90	35.13 -1.48 -5.01	58.76 -1.23 -28.19	27.78 -1.38 -0.01	53.63 -1.35 -28.08	60.76 -1.63 -32.65	64.72 -1.49 -36.55	68.66 -1.50 -38.60	68.93 -1.54 -36.73	71.48 -1.72 -39.56	71.20 -1.69 -39.94	74.83 -1.93 -38.90	76.86 -1.71 -41.25	86.49 -1.63 -46.48	57.86 -0.90 -18.80	42.55 -0.98 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.97 -2.91 10.44	21.73 -2.39 9.39	24.15 -2.47 4.17	21.98 -2.22 2.83	23.10 -2.22 0.00	25.43 -2.71 0.27	27.22 -2.88 1.50	21.03 -2.35 8.42	26.97 -2.18 0.00	16.71 -1.81 8.39	17.92 -2.07 9.76	16.63 -2.09 10.93	17.91 -2.11 11.54	20.57 -2.18 10.99	19.20 -2.61 11.83	18.37 -2.64 11.94	23.18 -3.06 11.63	21.93 -3.06 12.33	24.26 -3.46 13.92	30.91 -3.45 5.60	39.38 -4.15 0.00
SAWYER___23_KV_LOAD 55526	22.97 -2.91 10.44	21.73 -2.39 9.39	24.15 -2.47 4.17	21.98 -2.22 2.83	23.10 -2.22 0.00	25.43 -2.71 0.27	27.22 -2.88 1.50	21.03 -2.35 8.42	26.97 -2.18 0.00	16.71 -1.81 8.39	17.92 -2.07 9.76	16.63 -2.09 10.93	17.91 -2.11 11.54	20.57 -2.18 10.99	19.20 -2.61 11.83	18.37 -2.64 11.94	23.18 -3.06 11.63	21.93 -3.06 12.33	24.26 -3.46 13.92	30.91 -3.45 5.60	39.38 -4.15 0.00
SELKIRK___I 23801	37.25 0.93 0.00	34.38 0.86 0.00	31.66 0.87 0.00	27.84 0.81 0.00	26.14 0.80 0.00	29.24 0.84 0.00	32.48 0.88 0.00	32.56 0.75 0.00	29.82 0.67 0.00	27.48 0.57 0.00	30.35 0.60 0.00	30.19 0.54 0.00	32.09 0.53 0.00	34.30 0.56 0.00	34.23 0.59 0.00	33.56 0.61 0.00	38.71 0.84 0.00	38.15 0.82 0.00	42.47 0.84 0.00	40.83 0.87 0.00	44.53 1.00 0.00
SELKIRK___II 23799	37.10 0.78 0.00	34.21 0.69 0.00	31.50 0.71 0.00	27.69 0.66 0.00	25.99 0.66 0.00	29.08 0.68 0.00	32.31 0.71 0.00	32.42 0.61 0.00	29.72 0.57 0.00	27.40 0.49 0.00	30.29 0.55 0.00	30.20 0.55 0.00	32.13 0.57 0.00	34.35 0.62 0.00	34.31 0.67 0.00	33.67 0.72 0.00	38.77 0.89 0.00	38.16 0.83 0.00	42.45 0.82 0.00	40.72 0.76 0.00	44.36 0.83 0.00
SENECA OSWGO___HYD 24041	35.32 -1.00 0.00	32.62 -0.90 0.00	29.91 -0.88 0.00	26.26 -0.77 0.00	24.61 -0.73 0.00	27.58 -0.82 0.00	30.68 -0.92 0.00	30.89 -0.92 0.00	28.25 -0.90 0.00	26.03 -0.88 0.00	28.76 -0.98 0.00	28.69 -0.96 0.00	30.58 -0.98 0.00	32.69 -1.05 0.00	32.52 -1.13 0.00	31.76 -1.20 0.00	36.35 -1.52 0.00	35.87 -1.46 0.00	40.11 -1.54 -0.02	38.60 -1.36 0.00	42.05 -1.48 0.00
SENECA___115KV_TB3 355854	22.39 -2.63 11.31	21.21 -2.13 10.18	24.01 -2.26 4.51	21.92 -2.04 3.07	23.27 -2.05 0.00	25.64 -2.48 0.29	27.35 -2.64 1.62	20.59 -2.10 9.12	27.12 -2.03 0.00	16.17 -1.65 9.09	17.25 -1.92 10.57	15.87 -1.95 11.84	17.14 -1.92 12.50	19.86 -1.98 11.90	18.48 -2.34 12.81	17.69 -2.33 12.93	22.55 -2.72 12.60	21.30 -2.67 13.36	23.61 -2.95 15.07	30.96 -2.93 6.07	39.86 -3.67 0.00
SENECA___ENERGY 23797	37.73 -1.05 -2.46	34.86 -0.88 -2.21	30.85 -0.92 -0.98	26.91 -0.79 -0.67	24.57 -0.76 0.00	27.52 -0.94 -0.06	30.93 -1.02 -0.35	32.88 -0.91 -1.98	28.18 -0.97 0.00	27.91 -0.97 -1.98	30.90 -1.15 -2.30	31.09 -1.13 -2.57	33.22 -1.06 -2.71	35.18 -1.14 -2.58	35.24 -1.18 -2.78	34.52 -1.24 -2.81	39.06 -1.54 -2.74	38.75 -1.47 -2.90	43.39 -1.51 -3.26	40.29 -1.01 -1.34	42.52 -1.01 0.00
SHOEMAKER___GT 23640	37.90 1.58 0.00	34.89 1.37 0.00	32.02 1.23 0.00	28.12 1.09 0.00	26.30 0.97 0.00	29.40 1.00 0.00	32.70 1.10 0.00	32.88 1.08 0.00	30.19 1.04 0.00	27.91 1.00 0.00	30.87 1.13 0.00	30.82 1.17 0.00	32.91 1.35 0.00	35.25 1.51 0.00	35.37 1.72 0.00	34.85 1.89 0.00	40.09 2.22 0.00	39.59 2.27 0.00	44.10 2.47 0.00	42.27 2.31 0.00	45.88 2.35 0.00
SHOEMAKR_138KV_BK 111 55601	37.90 1.58 0.00	34.89 1.37 0.00	32.02 1.23 0.00	28.12 1.09 0.00	26.29 0.96 0.00	29.41 1.01 0.00	32.70 1.10 0.00	32.89 1.08 0.00	30.21 1.06 0.00	27.93 1.03 0.00	30.91 1.17 0.00	30.86 1.21 0.00	32.96 1.40 0.00	35.30 1.56 0.00	35.41 1.77 0.00	34.91 1.95 0.00	40.14 2.28 0.00	39.64 2.31 0.00	44.14 2.51 0.00	42.27 2.31 0.00	45.88 2.35 0.00
SHOREHAM_IC_1 23715	39.09 2.77 0.00	35.80 2.27 0.00	32.77 1.98 0.00	28.78 1.75 0.00	26.88 1.54 0.00	30.04 1.64 0.00	33.34 1.74 0.00	33.19 1.39 0.00	30.98 1.84 0.00	28.53 1.62 0.00	31.57 1.83 0.00	31.37 1.72 0.00	33.58 2.02 0.00	36.05 2.31 0.00	35.76 2.69 0.56	35.94 2.99 0.00	41.35 3.48 0.00	40.61 3.27 0.00	45.14 3.51 0.00	43.11 3.16 0.00	46.62 3.10 0.00
SHOREHAM_IC_2 23716	39.09 2.77 0.00	35.80 2.27 0.00	32.77 1.98 0.00	28.78 1.75 0.00	26.88 1.54 0.00	30.04 1.64 0.00	33.34 1.74 0.00	33.19 1.39 0.00	30.98 1.84 0.00	28.53 1.62 0.00	31.57 1.83 0.00	31.37 1.72 0.00	33.58 2.02 0.00	36.05 2.31 0.00	35.76 2.69 0.56	35.94 2.99 0.00	41.35 3.48 0.00	40.61 3.27 0.00	45.14 3.51 0.00	43.11 3.16 0.00	46.62 3.10 0.00
SISSONVILLE___ 23735	35.43 -0.89 0.00	32.72 -0.80 0.00	30.07 -0.73 0.00	26.33 -0.70 0.00	24.66 -0.67 0.00	27.85 -0.56 0.00	31.07 -0.53 0.00	31.21 -0.60 0.00	28.66 -0.49 0.00	26.50 -0.41 0.00	29.28 -0.46 0.00	29.03 -0.62 0.00	30.72 -0.85 0.00	32.77 -0.96 0.00	32.63 -1.01 0.00	31.88 -1.07 0.00	36.92 -0.95 0.00	36.50 -0.83 0.00	40.95 -0.68 0.00	39.36 -0.60 0.00	42.97 -0.56 0.00
SITHE_IND_GS1 24169	35.16 -1.16 0.00	32.49 -1.03 0.00	29.80 -0.99 0.00	26.16 -0.87 0.00	24.51 -0.82 0.00	27.45 -0.95 0.00	30.54 -1.07 0.00	30.77 -1.04 0.00	28.17 -0.98 0.00	26.00 -0.91 0.00	28.72 -1.03 0.00	28.64 -1.01 0.00	30.52 -1.05 0.00	32.62 -1.11 0.00	32.44 -1.21 0.00	31.63 -1.32 0.00	36.20 -1.67 0.00	35.71 -1.62 0.00	39.69 -1.79 0.15	38.31 -1.65 0.00	41.70 -1.83 0.00

SITHE_IND_GS2 24170	35.16 -1.16 0.00	32.49 -1.03 0.00	29.80 -0.99 0.00	26.16 -0.87 0.00	24.51 -0.82 0.00	27.45 -0.95 0.00	30.54 -1.07 0.00	30.77 -1.04 0.00	28.17 -0.98 0.00	26.00 -0.91 0.00	28.72 -1.03 0.00	28.64 -1.01 0.00	30.52 -1.05 0.00	32.62 -1.11 0.00	32.44 -1.21 0.00	31.63 -1.32 0.00	36.20 -1.67 0.00	35.71 -1.62 0.00	39.69 -1.79 0.15	38.31 -1.65 0.00	41.70 -1.83 0.00
SITHE_IND_GS3 24171	35.16 -1.16 0.00	32.49 -1.03 0.00	29.80 -0.99 0.00	26.16 -0.87 0.00	24.51 -0.82 0.00	27.45 -0.95 0.00	30.54 -1.07 0.00	30.77 -1.04 0.00	28.17 -0.98 0.00	26.00 -0.91 0.00	28.72 -1.03 0.00	28.64 -1.01 0.00	30.52 -1.05 0.00	32.62 -1.11 0.00	32.44 -1.21 0.00	31.63 -1.32 0.00	36.20 -1.67 0.00	35.71 -1.62 0.00	39.69 -1.79 0.15	38.31 -1.65 0.00	41.70 -1.83 0.00
SITHE_IND_GS4 24172	35.16 -1.16 0.00	32.49 -1.03 0.00	29.80 -0.99 0.00	26.16 -0.87 0.00	24.51 -0.82 0.00	27.45 -0.95 0.00	30.54 -1.07 0.00	30.77 -1.04 0.00	28.17 -0.98 0.00	26.00 -0.91 0.00	28.72 -1.03 0.00	28.64 -1.01 0.00	30.52 -1.05 0.00	32.62 -1.11 0.00	32.44 -1.21 0.00	31.63 -1.32 0.00	36.20 -1.67 0.00	35.71 -1.62 0.00	39.69 -1.79 0.15	38.31 -1.65 0.00	41.70 -1.83 0.00
SITHE__BATAVIA 24024	29.09 -1.64 5.59	27.23 -1.26 5.03	27.06 -1.50 2.23	24.10 -1.41 1.52	23.83 -1.50 0.00	26.41 -1.85 0.14	28.84 -1.96 0.80	25.69 -1.61 4.51	27.34 -1.81 0.00	20.93 -1.48 4.49	22.84 -1.68 5.23	22.13 -1.67 5.85	23.69 -1.69 6.18	26.54 -1.31 5.88	25.22 -2.08 6.34	24.46 -2.09 6.40	29.22 -2.42 6.23	28.25 -2.47 6.61	31.54 -2.62 7.46	34.54 -2.42 3.00	40.74 -2.78 0.00
SITHE__INDEPEND 23800	35.16 -1.16 0.00	32.48 -1.05 0.00	29.80 -0.99 0.00	26.16 -0.86 0.00	24.51 -0.82 0.00	27.45 -0.95 0.00	30.54 -1.07 0.00	30.77 -1.04 0.00	28.17 -0.98 0.00	25.99 -0.91 0.00	28.72 -1.03 0.00	28.63 -1.02 0.00	30.52 -1.05 0.00	32.62 -1.12 0.00	32.43 -1.21 0.00	31.63 -1.32 0.00	36.20 -1.67 0.00	35.71 -1.62 0.00	39.69 -1.78 0.15	38.32 -1.64 0.00	41.70 -1.83 0.00
SITHE__MASSENA 23902	36.12 -0.20 0.00	33.37 -0.15 0.00	30.65 -0.14 0.00	26.84 -0.19 0.00	25.13 -0.20 0.00	28.32 -0.09 0.00	31.60 0.00 0.00	31.83 0.02 0.00	29.24 0.09 0.00	27.00 0.09 0.00	29.85 0.10 0.00	29.70 0.05 0.00	31.51 -0.05 0.00	33.64 -0.09 0.00	33.49 -0.15 0.00	32.77 -0.19 0.00	37.79 -0.08 0.00	37.31 -0.03 0.00	41.65 0.01 0.00	39.94 -0.02 0.00	43.57 0.04 0.00
SITHE__OGDNSBRG 24021	36.42 0.10 0.00	33.66 0.14 0.00	30.90 0.11 0.00	27.05 0.02 0.00	25.32 -0.01 0.00	28.59 0.18 0.00	31.87 0.28 0.00	31.97 0.16 0.00	29.35 0.20 0.00	27.18 0.27 0.00	29.96 0.21 0.00	29.67 0.02 0.00	31.33 -0.24 0.00	33.42 -0.32 0.00	33.32 -0.32 0.00	32.55 -0.41 0.00	37.66 -0.22 0.00	37.44 0.10 0.00	42.16 0.52 0.00	40.47 0.51 0.00	44.02 0.50 0.00
SITHE__STERLING 23777	36.63 0.31 0.00	33.78 0.26 0.00	31.00 0.21 0.00	27.24 0.21 0.00	25.53 0.20 0.00	28.64 0.24 0.00	31.87 0.26 0.00	32.06 0.25 0.00	29.23 0.08 0.00	27.01 0.10 0.00	29.75 0.00 0.00	29.58 -0.07 0.00	31.51 -0.05 0.00	33.69 -0.05 0.00	33.56 -0.08 0.00	32.80 -0.15 0.00	37.74 -0.13 0.00	37.30 -0.03 0.00	41.84 0.21 0.00	40.39 0.43 0.00	44.16 0.63 0.00
SLEIGHT__34_KV_TB1 80719	34.96 -1.36 0.00	32.36 -1.16 0.00	29.60 -1.20 0.00	25.97 -1.06 0.00	24.28 -1.05 0.00	27.09 -1.31 0.00	30.19 -1.41 0.00	30.56 -1.25 0.00	27.92 -1.23 0.00	25.75 -1.15 0.00	28.42 -1.32 0.00	28.38 -1.27 0.00	30.30 -1.26 0.00	32.32 -1.42 0.00	32.15 -1.49 0.00	31.40 -1.56 0.00	36.10 -1.77 0.00	35.62 -1.71 0.00	39.83 -1.78 0.02	38.43 -1.53 0.00	41.82 -1.71 0.00
SOUTH CAIRO__GT 23612	38.20 1.88 0.00	35.18 1.66 0.00	32.35 1.56 0.00	28.42 1.39 0.00	26.70 1.36 0.00	29.86 1.46 0.00	33.18 1.58 0.00	33.31 1.50 0.00	30.53 1.38 0.00	27.93 1.02 0.00	30.84 1.09 0.00	30.70 1.05 0.00	32.60 1.04 0.00	34.92 1.18 0.00	34.89 1.25 0.00	34.28 1.32 0.00	39.75 1.89 0.00	39.07 1.74 0.00	43.51 1.88 0.00	42.07 2.11 0.00	45.99 2.46 0.00
SOUTH HAMPTN__IC 23720	39.31 2.99 0.00	35.96 2.44 0.00	32.91 2.12 0.00	28.89 1.86 0.00	26.97 1.63 0.00	30.12 1.72 0.00	33.48 1.87 0.00	33.37 1.56 0.00	31.14 2.00 0.00	28.71 1.81 0.00	31.83 2.08 0.00	31.69 2.04 0.00	33.90 2.34 0.00	36.42 2.68 0.00	36.17 3.11 0.58	36.36 3.40 0.00	41.89 4.02 0.00	41.16 3.83 0.00	45.76 4.13 0.00	43.79 3.83 0.00	47.45 3.92 0.00
SOUTH DOW__115KV_TB1 355954	24.10 -2.05 10.16	22.76 -1.62 9.15	24.93 -1.80 4.06	22.70 -1.57 2.76	23.75 -1.58 0.00	26.33 -1.81 0.26	28.30 -1.84 1.46	22.27 -1.33 8.20	27.80 -1.35 0.00	17.68 -1.06 8.17	19.03 -1.32 9.39	17.77 -1.53 10.35	19.10 -1.53 10.93	21.81 -1.52 10.41	20.84 -1.59 11.21	19.79 -1.85 11.31	25.24 -1.61 11.02	24.18 -1.47 11.68	26.21 -1.92 13.49	32.78 -1.72 5.46	41.20 -2.32 0.00
SOUTHOLD__69_KV_BK 2 55809	39.35 3.03 0.00	35.96 2.44 0.00	32.89 2.10 0.00	28.85 1.82 0.00	26.92 1.59 0.00	30.07 1.67 0.00	33.45 1.84 0.00	33.37 1.56 0.00	31.15 2.00 0.00	28.74 1.83 0.00	31.88 2.14 0.00	31.81 2.16 0.00	34.01 2.44 0.00	36.54 2.80 0.00	36.35 3.30 0.58	36.54 3.59 0.00	42.13 4.26 0.00	41.42 4.09 0.00	46.06 4.43 0.00	44.18 4.22 0.00	48.11 4.58 0.00
SOUTHOLD__IC 23719	39.34 3.02 0.00	35.94 2.42 0.00	32.88 2.09 0.00	28.85 1.82 0.00	26.93 1.59 0.00	30.06 1.66 0.00	33.44 1.84 0.00	33.36 1.56 0.00	31.15 2.00 0.00	28.74 1.83 0.00	31.88 2.14 0.00	31.81 2.16 0.00	34.00 2.43 0.00	36.51 2.77 0.00	36.30 3.24 0.58	36.52 3.57 0.00	42.12 4.25 0.00	41.42 4.09 0.00	46.05 4.42 0.00	44.17 4.21 0.00	48.10 4.58 0.00
SOUTH FORK_WT_PWR 323839	39.00 2.68 0.00	35.62 2.10 0.00	32.59 1.80 0.00	28.60 1.57 0.00	26.69 1.35 0.00	29.79 1.39 0.00	33.14 1.54 0.00	33.05 1.24 0.00	30.89 1.74 0.00	28.47 1.56 0.00	31.61 1.87 0.00	31.58 1.93 0.00	33.72 2.15 0.00	36.17 2.43 0.00	35.97 2.91 0.58	36.19 3.24 0.00	41.77 3.90 0.00	41.06 3.73 0.00	45.65 4.02 0.00	43.89 3.93 0.00	47.98 4.45 0.00

SPIERFLS_115KV_TB1 80737	38.66 2.34 0.00	35.50 1.98 0.00	32.60 1.81 0.00	28.63 1.60 0.00	26.90 1.57 0.00	30.15 1.75 0.00	33.52 1.92 0.00	33.54 1.74 0.00	30.72 1.58 0.00	28.45 1.54 0.00	31.30 1.55 0.00	31.21 1.56 0.00	32.71 1.14 0.00	34.75 1.01 0.00	34.56 0.92 0.00	34.02 1.07 0.00	39.65 1.78 0.00	39.27 1.94 0.00	44.14 2.51 0.00	42.50 2.54 0.00	46.22 2.69 0.00
ST LAWRENCE____ 23600	35.89 -0.43 0.00	33.16 -0.37 0.00	30.46 -0.33 0.00	26.67 -0.35 0.00	24.97 -0.36 0.00	28.12 -0.28 0.00	31.37 -0.24 0.00	31.61 -0.19 0.00	29.05 -0.10 0.00	26.80 -0.10 0.00	29.65 -0.10 0.00	29.53 -0.12 0.00	31.37 -0.19 0.00	33.50 -0.24 0.00	33.35 -0.29 0.00	32.65 -0.30 0.00	37.62 -0.25 0.00	37.10 -0.23 0.00	41.37 -0.27 0.00	39.65 -0.31 0.00	43.27 -0.26 0.00
STATE_CA_115KV_115_LB 55624	37.21 0.89 0.00	34.29 0.77 0.00	31.59 0.80 0.00	27.76 0.73 0.00	26.07 0.74 0.00	29.18 0.78 0.00	32.42 0.82 0.00	32.50 0.69 0.00	29.79 0.64 0.00	27.48 0.57 0.00	30.38 0.64 0.00	30.28 0.63 0.00	32.19 0.63 0.00	34.42 0.69 0.00	34.36 0.72 0.00	33.73 0.77 0.00	38.83 0.96 0.00	38.24 0.91 0.00	42.57 0.93 0.00	40.82 0.86 0.00	44.44 0.93 0.00
STATE_ST_34_KV_LOAD 55959	37.35 -0.31 -1.34	34.50 -0.23 -1.21	31.03 -0.30 -0.53	27.15 -0.24 -0.36	25.09 -0.25 0.00	28.03 -0.41 -0.03	31.36 -0.43 -0.19	32.55 -0.34 -1.08	28.67 -0.48 0.00	27.41 -0.58 -1.08	30.27 -0.73 -1.25	30.36 -0.69 -1.40	32.49 -0.55 -1.48	34.48 -0.67 -1.41	34.51 -0.64 -1.52	33.69 -0.79 -1.53	38.39 -0.98 -1.49	38.03 -0.89 -1.58	42.60 -0.81 -1.78	40.31 -0.38 -0.73	43.13 -0.40 0.00
STATION 5_MISC_HYD 23604	34.81 -1.51 0.00	32.30 -1.22 0.00	29.47 -1.32 0.00	25.81 -1.22 0.00	24.11 -1.22 0.00	26.89 -1.51 0.00	29.96 -1.64 0.00	30.44 -1.37 0.00	27.88 -1.27 0.00	25.84 -1.06 0.00	28.56 -1.18 0.00	28.48 -1.17 0.00	30.41 -1.15 0.00	32.43 -1.31 0.00	32.18 -1.46 0.00	31.50 -1.46 0.00	36.12 -1.75 0.00	35.66 -1.67 0.00	39.77 -1.84 0.02	38.20 -1.76 0.00	41.39 -2.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.03 -1.29 0.00	32.46 -1.07 0.00	29.67 -1.12 0.00	26.03 -1.00 0.00	24.35 -0.99 0.00	27.17 -1.23 0.00	30.28 -1.32 0.00	30.66 -1.14 0.00	28.05 -1.10 0.00	25.90 -1.01 0.00	28.59 -1.16 0.00	28.50 -1.15 0.00	30.44 -1.13 0.00	32.49 -1.25 0.00	32.29 -1.35 0.00	31.58 -1.38 0.00	36.26 -1.61 0.00	35.80 -1.54 0.00	40.02 -1.60 0.02	38.62 -1.34 0.00	41.96 -1.57 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.63 -1.69 0.00	32.11 -1.42 0.00	29.32 -1.47 0.00	25.71 -1.32 0.00	24.02 -1.31 0.00	26.77 -1.63 0.00	29.85 -1.75 0.00	30.30 -1.51 0.00	27.78 -1.37 0.00	25.73 -1.18 0.00	28.44 -1.31 0.00	28.35 -1.30 0.00	30.25 -1.31 0.00	32.28 -1.46 0.00	32.02 -1.61 0.00	31.32 -1.63 0.00	35.97 -1.90 0.00	35.50 -1.83 0.00	39.60 -2.01 0.02	38.07 -1.89 0.00	41.26 -2.27 0.00
STA_56____34_KV_BUS2 355983	34.63 -1.69 0.00	32.11 -1.42 0.00	29.32 -1.47 0.00	25.71 -1.32 0.00	24.02 -1.31 0.00	26.77 -1.63 0.00	29.85 -1.75 0.00	30.30 -1.51 0.00	27.78 -1.37 0.00	25.73 -1.18 0.00	28.44 -1.31 0.00	28.35 -1.30 0.00	30.25 -1.31 0.00	32.28 -1.46 0.00	32.02 -1.61 0.00	31.32 -1.63 0.00	35.97 -1.90 0.00	35.50 -1.83 0.00	39.60 -2.01 0.02	38.07 -1.89 0.00	41.26 -2.27 0.00
STA_67____115KV_BK2 355882	34.70 -1.62 0.00	32.19 -1.34 0.00	29.38 -1.41 0.00	25.76 -1.27 0.00	24.07 -1.26 0.00	26.81 -1.59 0.00	29.91 -1.70 0.00	30.37 -1.44 0.00	27.84 -1.31 0.00	25.79 -1.12 0.00	28.50 -1.25 0.00	28.41 -1.24 0.00	30.31 -1.25 0.00	32.34 -1.39 0.00	32.08 -1.56 0.00	31.37 -1.59 0.00	36.02 -1.85 0.00	35.53 -1.80 0.00	39.63 -1.98 0.02	38.09 -1.87 0.00	41.31 -2.22 0.00
STA_7____115KV_9TRANS 80674	34.92 -1.40 0.00	32.39 -1.13 0.00	29.55 -1.24 0.00	25.91 -1.12 0.00	24.21 -1.13 0.00	26.97 -1.44 0.00	30.07 -1.53 0.00	30.54 -1.27 0.00	27.99 -1.16 0.00	25.94 -0.97 0.00	28.67 -1.08 0.00	28.59 -1.06 0.00	30.52 -1.05 0.00	32.53 -1.21 0.00	32.30 -1.34 0.00	31.60 -1.36 0.00	36.30 -1.57 0.00	35.83 -1.50 0.00	40.00 -1.60 0.02	38.45 -1.51 0.00	41.66 -1.87 0.00
STA_82____115KV_TB1 80780	34.66 -1.66 0.00	32.16 -1.37 0.00	29.36 -1.43 0.00	25.74 -1.29 0.00	24.05 -1.28 0.00	26.79 -1.61 0.00	29.88 -1.72 0.00	30.33 -1.47 0.00	27.81 -1.34 0.00	25.76 -1.15 0.00	28.46 -1.29 0.00	28.38 -1.28 0.00	30.27 -1.29 0.00	32.31 -1.43 0.00	32.04 -1.60 0.00	31.32 -1.64 0.00	35.97 -1.91 0.00	35.48 -1.86 0.00	39.58 -2.03 0.02	38.03 -1.93 0.00	41.25 -2.27 0.00
STEEL____WIND 323596	22.34 -2.67 11.31	21.17 -2.18 10.18	23.97 -2.30 4.51	21.88 -2.07 3.07	23.25 -2.08 0.00	25.61 -2.51 0.29	27.29 -2.69 1.62	20.55 -2.13 9.12	27.09 -2.06 0.00	16.14 -1.68 9.09	17.21 -1.97 10.57	15.83 -1.98 11.84	17.10 -1.96 12.50	19.82 -2.02 11.90	18.42 -2.40 12.81	17.65 -2.37 12.93	22.50 -2.78 12.60	21.25 -2.72 13.36	23.56 -3.00 15.07	30.92 -2.97 6.07	39.81 -3.71 0.00
STEPHTWN_115KV_BK_2 55603	37.30 0.98 0.00	34.39 0.87 0.00	31.66 0.87 0.00	27.81 0.78 0.00	26.14 0.80 0.00	29.32 0.92 0.00	32.51 0.90 0.00	32.61 0.80 0.00	29.90 0.75 0.00	27.57 0.67 0.00	30.51 0.77 0.00	30.36 0.71 0.00	32.31 0.75 0.00	34.47 0.73 0.00	34.42 0.78 0.00	33.81 0.85 0.00	38.94 1.07 0.00	38.33 1.00 0.00	42.70 1.07 0.00	40.94 0.98 0.00	44.70 1.17 0.00
STEBEN_REC_LFGE 323667	60.80 -3.05 -27.53	55.42 -2.87 -24.78	39.06 -2.72 -10.99	32.27 -2.23 -7.48	23.21 -2.13 -0.01	26.62 -2.49 -0.71	33.04 -2.51 -3.95	51.96 -2.06 -22.21	27.01 -2.15 -0.01	46.64 -2.39 -22.12	52.44 -3.03 -25.73	55.40 -3.06 -28.81	59.14 -2.84 -30.42	59.95 -2.74 -28.95	61.83 -2.99 -31.18	61.76 -2.67 -31.47	65.47 -3.06 -30.65	67.18 -2.66 -32.50	76.00 -2.27 -36.63	53.76 -1.09 -14.89	42.30 -1.23 0.00
STILLWATER____SOLAR 323814	38.09 1.77 0.00	35.06 1.54 0.00	32.25 1.46 0.00	28.33 1.29 0.00	26.63 1.30 0.00	29.82 1.41 0.00	33.12 1.52 0.00	33.14 1.34 0.00	30.32 1.17 0.00	28.01 1.11 0.00	30.93 1.18 0.00	30.85 1.20 0.00	32.63 1.07 0.00	34.76 1.03 0.00	34.67 1.03 0.00	34.03 1.07 0.00	39.32 1.45 0.00	38.85 1.52 0.00	43.45 1.82 0.00	41.78 1.82 0.00	45.54 2.01 0.00

STONY___BROOK 24151	39.32 3.00 0.00	35.95 2.43 0.00	32.90 2.11 0.00	28.86 1.83 0.00	26.94 1.61 0.00	30.11 1.71 0.00	33.48 1.87 0.00	33.46 1.65 0.00	31.06 1.91 0.00	28.69 1.78 0.00	31.85 2.11 0.00	31.70 2.05 0.00	33.93 2.37 0.00	36.52 2.78 0.00	36.32 3.22 0.53	36.34 3.39 0.00	41.78 3.92 0.00	41.07 3.74 0.00	45.58 3.95 0.00	43.50 3.54 0.00	46.97 3.44 0.00
STURGEON_POOL_HYD 23609	38.56 2.24 0.00	35.46 1.93 0.00	32.56 1.77 0.00	28.57 1.54 0.00	26.69 1.36 0.00	29.83 1.43 0.00	33.17 1.57 0.00	33.38 1.58 0.00	30.73 1.58 0.00	28.46 1.55 0.00	31.55 1.81 0.00	31.53 1.88 0.00	33.68 2.12 0.00	36.14 2.40 0.00	36.32 2.68 0.00	35.87 2.91 0.00	41.24 3.37 0.00	40.66 3.33 0.00	45.24 3.61 0.00	43.20 3.24 0.00	46.84 3.31 0.00
ST_LAW_115_BK7_LBMP 345037	35.87 -0.45 0.00	33.14 -0.39 0.00	30.45 -0.34 0.00	26.65 -0.37 0.00	24.96 -0.37 0.00	28.11 -0.29 0.00	31.36 -0.24 0.00	31.61 -0.20 0.00	29.05 -0.10 0.00	26.80 -0.11 0.00	29.64 -0.11 0.00	29.52 -0.13 0.00	31.35 -0.21 0.00	33.47 -0.27 0.00	33.32 -0.32 0.00	32.63 -0.33 0.00	37.60 -0.27 0.00	37.08 -0.25 0.00	41.35 -0.28 0.00	39.63 -0.33 0.00	43.27 -0.26 0.00
ST_LAW_115_BK8_LBMP 345038	35.87 -0.45 0.00	33.14 -0.39 0.00	30.45 -0.34 0.00	26.65 -0.37 0.00	24.96 -0.37 0.00	28.11 -0.29 0.00	31.36 -0.24 0.00	31.61 -0.20 0.00	29.05 -0.10 0.00	26.80 -0.11 0.00	29.64 -0.11 0.00	29.52 -0.13 0.00	31.35 -0.21 0.00	33.47 -0.27 0.00	33.32 -0.32 0.00	32.63 -0.33 0.00	37.60 -0.27 0.00	37.08 -0.25 0.00	41.35 -0.28 0.00	39.63 -0.33 0.00	43.27 -0.26 0.00
ST_LAW_230_BK5_LBMP 345035	35.89 -0.43 0.00	33.16 -0.37 0.00	30.46 -0.33 0.00	26.67 -0.35 0.00	24.97 -0.36 0.00	28.12 -0.28 0.00	31.37 -0.24 0.00	31.61 -0.19 0.00	29.05 -0.10 0.00	26.80 -0.10 0.00	29.65 -0.10 0.00	29.53 -0.12 0.00	31.37 -0.19 0.00	33.50 -0.24 0.00	33.35 -0.29 0.00	32.65 -0.30 0.00	37.62 -0.25 0.00	37.10 -0.23 0.00	41.37 -0.27 0.00	39.65 -0.31 0.00	43.27 -0.26 0.00
ST_LAW_230_BK6_LBMP 345036	35.89 -0.43 0.00	33.16 -0.37 0.00	30.46 -0.33 0.00	26.67 -0.35 0.00	24.97 -0.36 0.00	28.12 -0.28 0.00	31.37 -0.24 0.00	31.61 -0.19 0.00	29.05 -0.10 0.00	26.80 -0.10 0.00	29.65 -0.10 0.00	29.53 -0.12 0.00	31.37 -0.19 0.00	33.50 -0.24 0.00	33.35 -0.29 0.00	32.65 -0.30 0.00	37.62 -0.25 0.00	37.10 -0.23 0.00	41.37 -0.27 0.00	39.65 -0.31 0.00	43.27 -0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.11 1.79 0.00	35.07 1.54 0.00	32.18 1.39 0.00	28.25 1.22 0.00	26.42 1.09 0.00	29.53 1.13 0.00	32.84 1.24 0.00	33.04 1.24 0.00	30.39 1.25 0.00	28.13 1.22 0.00	31.17 1.42 0.00	31.11 1.46 0.00	33.23 1.67 0.00	35.62 1.88 0.00	35.77 2.12 0.00	35.29 2.34 0.00	40.59 2.72 0.00	40.04 2.71 0.00	44.56 2.92 0.00	42.58 2.62 0.00	46.19 2.66 0.00
SWANROAD_115KV_TB1 355699	24.76 -3.19 8.37	23.35 -2.63 7.54	24.64 -2.81 3.34	22.20 -2.56 2.27	22.68 -2.65 0.00	25.06 -3.13 0.22	27.05 -3.35 1.20	22.36 -2.69 6.76	26.44 -2.71 0.00	18.11 -2.07 6.73	19.60 -2.31 7.83	18.57 -2.32 8.77	19.93 -2.37 9.26	22.53 -2.40 8.81	21.21 -2.94 9.49	20.40 -2.98 9.58	25.09 -3.45 9.33	23.95 -3.49 9.89	26.53 -3.94 11.17	31.28 -4.19 4.49	38.20 -5.33 0.00
SYNERGY___BIOGAS 323694	29.02 -1.71 5.59	27.14 -1.35 5.03	27.01 -1.55 2.23	24.09 -1.42 1.52	23.83 -1.50 0.00	26.41 -1.85 0.14	28.83 -1.97 0.80	25.65 -1.64 4.51	27.35 -1.80 0.00	20.91 -1.50 4.49	22.80 -1.72 5.23	22.10 -1.70 5.85	23.64 -1.74 6.18	26.49 -1.36 5.88	25.17 -2.14 6.34	24.38 -2.18 6.40	29.18 -2.46 6.23	28.20 -2.53 6.61	31.50 -2.66 7.46	34.51 -2.45 3.00	40.74 -2.78 0.00
SYRACUSE___ENERGY_ST1 323597	35.85 -0.47 0.00	33.12 -0.41 0.00	30.35 -0.43 0.00	26.66 -0.37 0.00	24.97 -0.36 0.00	27.96 -0.45 0.00	31.11 -0.49 0.00	31.35 -0.46 0.00	28.65 -0.51 0.00	26.38 -0.52 0.00	29.13 -0.62 0.00	29.06 -0.59 0.00	31.02 -0.55 0.00	33.15 -0.59 0.00	32.99 -0.65 0.00	32.21 -0.74 0.00	36.92 -0.95 0.00	36.45 -0.88 0.00	40.78 -0.85 0.00	39.31 -0.65 0.00	42.78 -0.74 0.00
SYRACUSE___ENERGY_ST2 323598	35.85 -0.47 0.00	33.12 -0.41 0.00	30.35 -0.43 0.00	26.66 -0.37 0.00	24.97 -0.36 0.00	27.96 -0.45 0.00	31.11 -0.49 0.00	31.35 -0.46 0.00	28.65 -0.51 0.00	26.38 -0.52 0.00	29.13 -0.62 0.00	29.06 -0.59 0.00	31.02 -0.55 0.00	33.15 -0.59 0.00	32.99 -0.65 0.00	32.21 -0.74 0.00	36.92 -0.95 0.00	36.45 -0.88 0.00	40.78 -0.85 0.00	39.31 -0.65 0.00	42.78 -0.74 0.00
SYRACUSE___POWER 24017	35.80 -0.52 0.00	33.07 -0.46 0.00	30.30 -0.49 0.00	26.61 -0.41 0.00	24.94 -0.40 0.00	27.92 -0.48 0.00	31.07 -0.53 0.00	31.31 -0.50 0.00	28.62 -0.53 0.00	26.38 -0.53 0.00	29.13 -0.62 0.00	29.06 -0.59 0.00	31.00 -0.57 0.00	33.15 -0.59 0.00	32.98 -0.66 0.00	32.22 -0.73 0.00	36.93 -0.94 0.00	36.46 -0.87 0.00	40.76 -0.86 0.01	39.28 -0.68 0.00	42.74 -0.78 0.00
TALLMAN__138KV_BK151 55660	38.33 2.01 0.00	35.26 1.74 0.00	32.35 1.56 0.00	28.41 1.38 0.00	26.55 1.22 0.00	29.67 1.27 0.00	33.01 1.41 0.00	33.22 1.42 0.00	30.59 1.44 0.00	28.32 1.42 0.00	31.40 1.66 0.00	31.35 1.70 0.00	33.50 1.94 0.00	35.93 2.20 0.00	36.11 2.47 0.00	35.65 2.69 0.00	41.01 3.14 0.00	40.42 3.09 0.00	44.94 3.31 0.00	42.92 2.96 0.00	46.49 2.96 0.00
TEALLAVE_115KV_TB7 355573	35.67 -0.65 0.00	32.95 -0.57 0.00	30.21 -0.58 0.00	26.53 -0.50 0.00	24.85 -0.48 0.00	27.82 -0.58 0.00	30.96 -0.64 0.00	31.20 -0.60 0.00	28.54 -0.61 0.00	26.33 -0.58 0.00	29.08 -0.67 0.00	29.01 -0.64 0.00	30.94 -0.62 0.00	33.08 -0.66 0.00	32.91 -0.73 0.00	32.14 -0.82 0.00	36.82 -1.05 0.00	36.35 -0.98 0.00	40.63 -0.99 0.01	39.11 -0.85 0.00	42.53 -1.00 0.00
TELGRAPH_34_KV_EAST 80808	26.92 -2.46 6.94	25.28 -2.00 6.25	25.84 -2.18 2.77	23.16 -1.98 1.89	23.28 -2.05 0.00	25.75 -2.47 0.18	27.98 -2.63 1.00	24.08 -2.12 5.60	26.99 -2.16 0.00	19.62 -1.71 5.58	21.31 -1.94 6.49	20.45 -1.93 7.27	21.92 -1.96 7.68	24.75 -1.68 7.31	23.33 -2.45 7.87	22.51 -2.50 7.94	27.28 -2.85 7.74	26.24 -2.89 8.20	29.21 -3.16 9.27	33.02 -3.22 3.72	39.54 -3.99 0.00

TEMPLE___115KV_TB 2 55572	35.69 -0.63 0.00	32.97 -0.56 0.00	30.22 -0.57 0.00	26.53 -0.50 0.00	24.86 -0.47 0.00	27.83 -0.57 0.00	30.98 -0.63 0.00	31.21 -0.60 0.00	28.55 -0.60 0.00	26.33 -0.58 0.00	29.09 -0.65 0.00	29.03 -0.63 0.00	30.96 -0.61 0.00	33.10 -0.64 0.00	32.92 -0.72 0.00	32.16 -0.79 0.00	36.85 -1.02 0.00	36.38 -0.95 0.00	40.64 -0.98 0.01	39.12 -0.83 0.00	42.57 -0.96 0.00
TIANA___69_KV_BK 1 55817	39.34 3.02 0.00	35.99 2.47 0.00	32.93 2.15 0.00	28.91 1.88 0.00	26.98 1.65 0.00	30.16 1.75 0.00	33.50 1.90 0.00	33.39 1.59 0.00	31.15 2.00 0.00	28.72 1.81 0.00	31.82 2.08 0.00	31.68 2.03 0.00	33.90 2.33 0.00	36.43 2.70 0.00	36.20 3.14 0.58	36.36 3.41 0.00	41.85 3.98 0.00	41.13 3.80 0.00	45.72 4.09 0.00	43.71 3.75 0.00	47.32 3.79 0.00
TILDEN___115KV_TB1 80814	35.80 -0.52 0.00	33.07 -0.46 0.00	30.30 -0.49 0.00	26.61 -0.41 0.00	24.94 -0.40 0.00	27.92 -0.48 0.00	31.07 -0.53 0.00	31.31 -0.50 0.00	28.62 -0.53 0.00	26.38 -0.53 0.00	29.13 -0.62 0.00	29.06 -0.59 0.00	31.00 -0.57 0.00	33.15 -0.59 0.00	32.98 -0.66 0.00	32.22 -0.73 0.00	36.93 -0.94 0.00	36.46 -0.87 0.00	40.76 -0.86 0.01	39.28 -0.68 0.00	42.74 -0.78 0.00
TRIGEN___CC 323695	38.93 2.61 0.00	35.66 2.14 0.00	32.71 1.92 0.00	28.69 1.66 0.00	26.80 1.47 0.00	29.96 1.56 0.00	33.33 1.73 0.00	33.46 1.65 0.00	30.89 1.74 0.00	28.60 1.69 0.00	31.76 2.01 0.00	31.69 2.04 0.00	33.88 2.32 0.00	36.39 2.65 0.00	43.81 3.07 -7.10	36.06 3.10 0.00	41.44 3.57 0.00	40.83 3.50 0.00	45.36 3.73 0.00	43.31 3.35 0.00	46.89 3.36 0.00
TRINITY__115KV__4 BK 55933	37.09 0.77 0.00	34.19 0.66 0.00	31.50 0.71 0.00	27.68 0.65 0.00	26.00 0.67 0.00	29.10 0.69 0.00	32.33 0.72 0.00	32.41 0.60 0.00	29.70 0.56 0.00	27.40 0.49 0.00	30.28 0.53 0.00	30.19 0.54 0.00	32.10 0.53 0.00	34.33 0.59 0.00	34.26 0.63 0.00	33.63 0.68 0.00	38.69 0.82 0.00	38.08 0.75 0.00	42.36 0.73 0.00	40.62 0.66 0.00	44.23 0.70 0.00
UNION___PROCESSING_DRP 323587	34.66 -1.66 0.00	32.16 -1.37 0.00	29.36 -1.42 0.00	25.75 -1.28 0.00	24.06 -1.28 0.00	26.80 -1.61 0.00	29.88 -1.72 0.00	30.34 -1.47 0.00	27.81 -1.34 0.00	25.76 -1.15 0.00	28.46 -1.28 0.00	28.38 -1.28 0.00	30.28 -1.29 0.00	32.31 -1.43 0.00	32.04 -1.60 0.00	31.32 -1.63 0.00	35.97 -1.90 0.00	35.48 -1.85 0.00	39.58 -2.03 0.02	38.03 -1.92 0.00	41.26 -2.27 0.00
UPPER HUDSON___HYD 24058	38.66 2.34 0.00	35.50 1.98 0.00	32.60 1.81 0.00	28.63 1.60 0.00	26.91 1.57 0.00	30.15 1.75 0.00	33.52 1.92 0.00	33.54 1.74 0.00	30.72 1.57 0.00	28.45 1.54 0.00	31.30 1.55 0.00	31.21 1.56 0.00	32.71 1.14 0.00	34.75 1.01 0.00	34.56 0.92 0.00	34.01 1.06 0.00	39.65 1.78 0.00	39.27 1.94 0.00	44.14 2.51 0.00	42.50 2.54 0.00	46.22 2.69 0.00
UPPER RAQUET___HYD 24056	35.43 -0.89 0.00	32.72 -0.80 0.00	30.07 -0.72 0.00	26.33 -0.70 0.00	24.66 -0.67 0.00	27.85 -0.56 0.00	31.07 -0.53 0.00	31.21 -0.60 0.00	28.66 -0.49 0.00	26.50 -0.41 0.00	29.28 -0.46 0.00	29.03 -0.62 0.00	30.72 -0.85 0.00	32.77 -0.96 0.00	32.63 -1.01 0.00	31.88 -1.08 0.00	36.91 -0.96 0.00	36.49 -0.83 0.00	40.95 -0.68 0.00	39.36 -0.60 0.00	42.97 -0.56 0.00
VALLEY44__115KV_TB2 355964	24.47 -2.52 9.32	23.08 -2.06 8.39	24.85 -2.22 3.72	22.55 -1.94 2.53	23.41 -1.92 0.00	25.92 -2.24 0.24	27.86 -2.41 1.34	22.30 -1.98 7.52	27.13 -2.02 0.00	17.84 -1.58 7.49	19.20 -1.86 8.69	17.98 -1.99 9.69	19.42 -1.92 10.23	22.10 -1.90 9.74	21.02 -2.13 10.48	20.20 -2.18 10.58	25.09 -2.47 10.31	23.95 -2.44 10.93	26.40 -2.81 12.42	32.21 -2.74 5.01	39.91 -3.62 0.00
VALLEY___115KV_TB 1-4 80826	36.39 0.07 0.00	33.52 0.00 0.00	30.83 0.04 0.00	27.10 0.07 0.00	25.50 0.16 0.00	28.57 0.16 0.00	31.72 0.12 0.00	31.72 -0.08 0.00	28.90 -0.25 0.00	26.71 -0.20 0.00	29.36 -0.39 0.00	29.23 -0.43 0.00	30.97 -0.59 0.00	33.13 -0.60 0.00	33.15 -0.49 0.00	32.50 -0.45 0.00	37.56 -0.31 0.00	37.05 -0.29 0.00	41.47 -0.16 0.00	40.14 0.18 0.00	44.00 0.47 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.43 1.11 0.00	34.57 1.05 0.00	31.69 0.90 0.00	27.88 0.85 0.00	26.10 0.76 0.00	29.23 0.82 0.00	32.47 0.87 0.00	32.76 0.95 0.00	30.42 1.27 0.00	27.79 0.89 0.00	30.67 0.93 0.00	30.60 0.95 0.00	32.60 1.04 0.00	34.86 1.13 0.00	34.79 1.15 0.00	34.19 1.23 0.00	39.30 1.43 0.00	38.87 1.54 0.00	43.46 1.83 0.00	41.71 1.75 0.00	45.28 1.75 0.00
VISCHER___FERRY HYD 24020	37.59 1.27 0.00	34.60 1.08 0.00	31.88 1.09 0.00	28.00 0.97 0.00	26.35 1.02 0.00	29.49 1.09 0.00	32.77 1.17 0.00	32.81 1.00 0.00	30.04 0.89 0.00	27.70 0.79 0.00	30.61 0.86 0.00	30.52 0.87 0.00	32.40 0.84 0.00	34.60 0.86 0.00	34.51 0.87 0.00	33.89 0.94 0.00	39.05 1.18 0.00	38.46 1.13 0.00	42.83 1.20 0.00	41.06 1.10 0.00	44.75 1.22 0.00
V_A_10_SYNC_DSASP 323832	28.15 -2.68 5.49	26.37 -2.21 4.94	26.35 -2.24 2.19	23.54 -2.00 1.49	23.35 -1.97 0.00	25.82 -2.44 0.14	28.22 -2.60 0.79	25.19 -2.19 4.43	27.17 -1.98 0.00	20.81 -1.68 4.41	22.71 -1.91 5.14	21.98 -1.92 5.75	23.53 -1.97 6.07	25.89 -2.06 5.78	25.01 -2.41 6.22	24.22 -2.45 6.28	28.88 -2.87 6.12	27.96 -2.88 6.49	31.01 -3.29 7.34	33.76 -3.25 2.94	39.69 -3.84 0.00
V_CMM_10_SYNC_DSASP 323787	36.04 -0.28 0.00	33.29 -0.23 0.00	30.58 -0.21 0.00	26.78 -0.25 0.00	25.07 -0.26 0.00	28.24 -0.17 0.00	31.50 -0.10 0.00	31.76 -0.05 0.00	29.18 0.03 0.00	26.93 0.02 0.00	29.78 0.04 0.00	29.65 0.00 0.00	31.49 -0.07 0.00	33.63 -0.11 0.00	33.47 -0.16 0.00	32.76 -0.19 0.00	37.75 -0.12 0.00	37.24 -0.09 0.00	41.52 -0.11 0.00	39.77 -0.19 0.00	43.43 -0.09 0.00
V_CMP_10_SYNC_DSASP 323788	36.12 -0.20 0.00	33.17 -0.35 0.00	30.56 -0.23 0.00	26.75 -0.28 0.00	25.07 -0.26 0.00	28.20 -0.20 0.00	31.40 -0.20 0.00	31.65 -0.15 0.00	29.19 0.04 0.00	26.99 0.08 0.00	29.86 0.12 0.00	29.70 0.05 0.00	31.55 -0.02 0.00	33.68 -0.06 0.00	33.57 -0.07 0.00	32.91 -0.05 0.00	38.01 0.14 0.00	37.52 0.19 0.00	41.78 0.15 0.00	40.01 0.04 0.00	43.62 0.09 0.00

V_D_10_SYNC_DSASP 323841	36.12 -0.20 0.00	33.38 -0.14 0.00	30.65 -0.14 0.00	26.84 -0.19 0.00	25.13 -0.20 0.00	28.32 -0.08 0.00	31.60 0.00 0.00	31.83 0.03 0.00	29.24 0.09 0.00	27.01 0.10 0.00	29.85 0.10 0.00	29.71 0.06 0.00	31.52 -0.05 0.00	33.65 -0.09 0.00	33.49 -0.15 0.00	32.78 -0.17 0.00	37.80 -0.08 0.00	37.31 -0.02 0.00	41.65 0.02 0.00	39.96 -0.01 0.00	43.57 0.04 0.00
V_E_10_SYNC_DSASP 323830	38.46 0.26 -1.88	35.38 0.17 -1.69	31.40 -0.14 -0.75	27.42 -0.12 -0.51	25.36 0.03 0.00	28.62 0.17 -0.05	32.07 0.20 -0.27	33.72 0.39 -1.52	29.29 0.14 0.00	28.27 -0.14 -1.51	30.76 -0.74 -1.76	30.76 -0.86 -1.97	32.95 -0.69 -2.08	35.11 -0.60 -1.98	35.41 -0.36 -2.13	34.49 -0.61 -2.15	39.19 -0.77 -2.09	39.30 -0.25 -2.22	44.50 0.37 -2.50	42.67 1.70 -1.02	45.77 2.24 0.00
V_F_30_NSYNC___DSASP 323816	38.12 1.81 0.00	35.09 1.57 0.00	32.26 1.47 0.00	28.34 1.31 0.00	26.64 1.30 0.00	29.83 1.43 0.00	33.15 1.54 0.00	33.17 1.37 0.00	30.35 1.21 0.00	28.04 1.14 0.00	30.96 1.22 0.00	30.89 1.23 0.00	32.67 1.11 0.00	34.84 1.10 0.00	34.74 1.10 0.00	34.09 1.14 0.00	39.39 1.53 0.00	38.91 1.58 0.00	43.52 1.89 0.00	41.83 1.87 0.00	45.58 2.05 0.00
V_F_30_SYNC_DSASP 323786	37.20 0.88 0.00	34.29 0.77 0.00	31.59 0.80 0.00	27.76 0.73 0.00	26.07 0.74 0.00	29.18 0.78 0.00	32.42 0.82 0.00	32.50 0.69 0.00	29.79 0.64 0.00	27.48 0.57 0.00	30.38 0.63 0.00	30.28 0.63 0.00	32.19 0.62 0.00	34.42 0.68 0.00	34.36 0.72 0.00	33.73 0.77 0.00	38.82 0.95 0.00	38.24 0.91 0.00	42.56 0.93 0.00	40.82 0.86 0.00	44.44 0.92 0.00
V_XM_10_SYNC_DSASP 323789	36.12 -0.20 0.00	33.17 -0.35 0.00	30.56 -0.23 0.00	26.75 -0.28 0.00	25.07 -0.26 0.00	28.20 -0.20 0.00	31.40 -0.20 0.00	31.65 -0.15 0.00	29.19 0.04 0.00	26.99 0.08 0.00	29.86 0.12 0.00	29.70 0.05 0.00	31.55 -0.02 0.00	33.68 -0.06 0.00	33.57 -0.07 0.00	32.91 -0.05 0.00	38.01 0.14 0.00	37.52 0.19 0.00	41.78 0.15 0.00	40.01 0.04 0.00	43.62 0.09 0.00
W.BABYLN_69_KV_BK1 56697	39.61 3.30 0.00	36.23 2.71 0.00	33.17 2.38 0.00	29.07 2.04 0.00	27.13 1.80 0.00	30.33 1.93 0.00	33.75 2.15 0.00	33.79 1.99 0.00	31.28 2.13 0.00	28.92 2.01 0.00	32.11 2.36 0.00	31.99 2.34 0.00	34.25 2.68 0.00	36.85 3.12 0.00	38.49 3.62 -1.23	36.64 3.69 0.00	42.08 4.21 0.00	41.46 4.13 0.00	46.10 4.47 0.00	44.02 4.05 0.00	47.54 4.01 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.51 2.19 0.00	35.41 1.89 0.00	32.49 1.70 0.00	28.52 1.49 0.00	26.66 1.32 0.00	29.80 1.40 0.00	33.15 1.54 0.00	33.36 1.55 0.00	30.72 1.56 0.00	28.45 1.54 0.00	31.54 1.79 0.00	31.49 1.84 0.00	33.65 2.09 0.00	36.09 2.36 0.00	36.27 2.63 0.00	35.80 2.85 0.00	41.20 3.33 0.00	40.63 3.29 0.00	45.16 3.53 0.00	43.13 3.17 0.00	46.71 3.18 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.66 2.35 0.00	35.54 2.02 0.00	32.64 1.85 0.00	28.66 1.63 0.00	26.77 1.43 0.00	29.91 1.51 0.00	33.26 1.66 0.00	33.49 1.68 0.00	30.90 1.75 0.00	28.65 1.74 0.00	31.79 2.04 0.00	31.73 2.08 0.00	33.87 2.31 0.00	36.29 2.56 0.00	36.48 2.84 0.00	36.01 3.06 0.00	41.45 3.58 0.00	40.85 3.52 0.00	45.39 3.75 0.00	43.33 3.37 0.00	46.97 3.44 0.00
W50THST__13_KV_LOAD 356117	38.87 2.55 0.00	35.67 2.15 0.00	32.76 1.97 0.00	28.76 1.73 0.00	26.86 1.53 0.00	30.02 1.62 0.00	33.39 1.79 0.00	33.63 1.82 0.00	31.03 1.88 0.00	28.79 1.88 0.00	31.95 2.21 0.00	31.90 2.25 0.00	34.06 2.49 0.00	36.48 2.75 0.00	36.67 3.04 0.00	36.19 3.24 0.00	41.66 3.79 0.00	41.06 3.73 0.00	45.62 3.99 0.00	43.55 3.59 0.00	47.19 3.66 0.00
WADING RIVER_IC_1 23522	39.06 2.74 0.00	35.78 2.26 0.00	32.75 1.96 0.00	28.77 1.75 0.00	26.86 1.53 0.00	30.02 1.62 0.00	33.31 1.71 0.00	33.16 1.36 0.00	30.98 1.83 0.00	28.52 1.62 0.00	31.56 1.82 0.00	31.37 1.72 0.00	33.58 2.01 0.00	36.03 2.29 0.00	35.72 2.67 0.58	35.93 2.97 0.00	41.33 3.46 0.00	40.58 3.25 0.00	45.10 3.48 0.00	43.08 3.13 0.00	46.58 3.05 0.00
WADING RIVER_IC_2 23547	39.06 2.74 0.00	35.78 2.26 0.00	32.75 1.96 0.00	28.77 1.75 0.00	26.86 1.53 0.00	30.02 1.62 0.00	33.31 1.71 0.00	33.16 1.36 0.00	30.98 1.83 0.00	28.52 1.62 0.00	31.56 1.82 0.00	31.37 1.72 0.00	33.58 2.01 0.00	36.03 2.29 0.00	35.72 2.67 0.58	35.93 2.97 0.00	41.33 3.46 0.00	40.58 3.25 0.00	45.10 3.48 0.00	43.08 3.13 0.00	46.58 3.05 0.00
WADING RIVER_IC_3 23601	39.06 2.74 0.00	35.78 2.26 0.00	32.75 1.96 0.00	28.77 1.75 0.00	26.86 1.53 0.00	30.02 1.62 0.00	33.31 1.71 0.00	33.16 1.36 0.00	30.98 1.83 0.00	28.52 1.62 0.00	31.56 1.82 0.00	31.37 1.72 0.00	33.58 2.01 0.00	36.03 2.29 0.00	35.72 2.67 0.58	35.93 2.97 0.00	41.33 3.46 0.00	40.58 3.25 0.00	45.10 3.48 0.00	43.08 3.13 0.00	46.58 3.05 0.00
WALDENNY_12_KV_BK2 80841	22.66 -2.67 10.99	21.45 -2.19 9.89	24.08 -2.32 4.39	21.97 -2.07 2.98	23.24 -2.08 0.00	25.61 -2.51 0.28	27.35 -2.68 1.58	20.82 -2.12 8.86	27.11 -2.04 0.00	16.43 -1.65 8.83	17.56 -1.91 10.27	16.22 -1.93 11.50	17.49 -1.92 12.15	20.21 -1.96 11.56	18.82 -2.37 12.45	18.00 -2.38 12.57	22.90 -2.73 12.24	21.66 -2.69 12.98	24.01 -2.98 14.65	31.09 -2.97 5.90	39.77 -3.75 0.00
WALDEN__HYDRO 24148	38.30 1.98 0.00	35.23 1.71 0.00	32.33 1.54 0.00	28.38 1.36 0.00	26.53 1.20 0.00	29.66 1.26 0.00	32.99 1.39 0.00	33.18 1.38 0.00	30.51 1.36 0.00	28.24 1.34 0.00	31.26 1.52 0.00	31.21 1.56 0.00	33.35 1.79 0.00	35.75 2.02 0.00	35.90 2.26 0.00	35.43 2.47 0.00	40.74 2.87 0.00	40.22 2.89 0.00	44.78 3.15 0.00	42.83 2.88 0.00	46.49 2.96 0.00
WARRENSBURG____ 23737	38.66 2.34 0.00	35.50 1.98 0.00	32.60 1.81 0.00	28.63 1.60 0.00	26.90 1.57 0.00	30.15 1.75 0.00	33.52 1.92 0.00	33.54 1.74 0.00	30.72 1.58 0.00	28.45 1.54 0.00	31.30 1.55 0.00	31.21 1.56 0.00	32.71 1.14 0.00	34.75 1.01 0.00	34.56 0.92 0.00	34.02 1.07 0.00	39.65 1.78 0.00	39.27 1.94 0.00	44.14 2.51 0.00	42.50 2.54 0.00	46.22 2.69 0.00

WATERSIDE___6 8 9 23538	38.66 2.35 0.00	35.55 2.03 0.00	32.66 1.87 0.00	28.68 1.65 0.00	26.79 1.46 0.00	29.93 1.53 0.00	33.27 1.67 0.00	33.50 1.69 0.00	30.92 1.77 0.00	28.66 1.76 0.00	31.78 2.04 0.00	31.74 2.09 0.00	33.85 2.29 0.00	36.28 2.54 0.00	36.47 2.83 0.00	36.02 3.06 0.00	41.43 3.56 0.00	40.82 3.49 0.00	45.36 3.73 0.00	43.32 3.36 0.00	46.97 3.44 0.00
WATKINRD_115KV_LN8_ILLLION 55919	36.42 0.10 0.00	33.57 0.05 0.00	30.86 0.07 0.00	27.12 0.09 0.00	25.48 0.15 0.00	28.56 0.16 0.00	31.72 0.12 0.00	31.77 -0.04 0.00	29.00 -0.15 0.00	26.79 -0.11 0.00	29.50 -0.24 0.00	29.38 -0.27 0.00	31.19 -0.37 0.00	33.36 -0.37 0.00	33.33 -0.31 0.00	32.69 -0.27 0.00	37.70 -0.17 0.00	37.17 -0.16 0.00	41.56 -0.07 0.00	40.11 0.15 0.00	43.87 0.35 0.00
WDELAWARE___HYD 323627	37.41 1.09 0.00	34.39 0.86 0.00	31.54 0.75 0.00	27.70 0.67 0.00	25.90 0.57 0.00	28.95 0.55 0.00	32.20 0.60 0.00	32.40 0.59 0.00	29.75 0.61 0.00	27.53 0.62 0.00	30.41 0.66 0.00	30.35 0.70 0.00	32.42 0.86 0.00	34.69 0.96 0.00	34.13 0.49 0.00	33.72 0.77 0.00	38.79 0.92 0.00	38.40 1.07 0.00	42.88 1.25 0.00	41.17 1.21 0.00	45.55 2.02 0.00
WEST BABYLON___IC 23714	39.61 3.30 0.00	36.23 2.71 0.00	33.17 2.38 0.00	29.07 2.04 0.00	27.13 1.80 0.00	30.33 1.93 0.00	33.75 2.15 0.00	33.79 1.99 0.00	31.28 2.13 0.00	28.92 2.01 0.00	32.11 2.36 0.00	31.99 2.34 0.00	34.25 2.68 0.00	36.85 3.12 0.00	38.49 3.62 -1.23	36.64 3.69 0.00	42.08 4.21 0.00	41.46 4.13 0.00	46.10 4.47 0.00	44.02 4.05 0.00	47.54 4.01 0.00
WEST CANADA___HYD 24049	36.42 0.10 0.00	33.60 0.08 0.00	30.87 0.08 0.00	27.11 0.08 0.00	25.42 0.09 0.00	28.49 0.09 0.00	31.69 0.08 0.00	31.86 0.05 0.00	29.18 0.03 0.00	26.93 0.03 0.00	29.77 0.03 0.00	29.67 0.02 0.00	31.58 0.02 0.00	33.76 0.03 0.00	33.67 0.03 0.00	32.99 0.04 0.00	37.94 0.07 0.00	37.37 0.04 0.00	41.69 0.05 0.00	40.03 0.07 0.00	43.62 0.09 0.00
WESTERN_NY_WIND 24143	28.54 -1.76 6.02	26.72 -1.39 5.42	26.79 -1.59 2.40	23.93 -1.46 1.64	23.79 -1.54 0.00	26.35 -1.89 0.15	28.73 -2.02 0.86	25.28 -1.68 4.85	27.32 -1.83 0.00	20.55 -1.52 4.84	22.38 -1.75 5.62	21.62 -1.73 6.30	23.14 -1.77 6.65	26.05 -1.36 6.33	24.66 -2.17 6.82	23.86 -2.21 6.88	28.67 -2.50 6.70	27.66 -2.57 7.11	30.90 -2.70 8.03	34.24 -2.50 3.23	40.67 -2.86 0.00
WESTOVER___LESR 323668	35.66 -0.66 0.00	33.00 -0.52 0.00	30.19 -0.60 0.00	26.55 -0.47 0.00	24.88 -0.45 0.00	27.87 -0.53 0.00	31.00 -0.60 0.00	31.30 -0.51 0.00	28.57 -0.58 0.00	26.39 -0.52 0.00	29.10 -0.64 0.00	28.97 -0.68 0.00	31.01 -0.56 0.00	33.20 -0.53 0.00	33.10 -0.53 0.00	32.43 -0.52 0.00	37.21 -0.66 0.00	36.72 -0.61 0.00	41.05 -0.57 0.01	39.59 -0.37 0.00	42.91 -0.61 0.00
WETHRSFD_WT_PWR 323626	1.12 -3.14 32.06	1.94 -2.72 28.85	15.32 -2.67 12.80	16.03 -2.29 8.71	23.07 -2.25 0.02	24.95 -2.63 0.82	24.20 -2.81 4.60	3.50 -2.44 25.87	26.70 -2.44 0.01	-1.18 -2.33 25.77	-3.00 -2.78 29.96	-6.74 -2.84 33.55	-6.65 -2.78 35.44	-2.82 -2.83 33.72	-5.71 -3.03 36.32	-6.62 -2.91 36.66	-1.25 -3.41 35.71	-3.72 -3.19 37.87	-4.29 -3.23 42.69	20.08 -2.68 17.21	40.43 -3.10 0.00
WHAVSTOR_138KV_BK127 55557	38.30 1.98 0.00	35.23 1.70 0.00	32.32 1.53 0.00	28.38 1.36 0.00	26.53 1.20 0.00	29.65 1.25 0.00	32.98 1.38 0.00	33.19 1.38 0.00	30.56 1.41 0.00	28.30 1.39 0.00	31.37 1.63 0.00	31.31 1.66 0.00	33.46 1.89 0.00	35.87 2.13 0.00	36.04 2.40 0.00	35.57 2.62 0.00	40.92 3.05 0.00	40.33 3.00 0.00	44.85 3.21 0.00	42.83 2.87 0.00	46.41 2.88 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.30 1.98 0.00	35.23 1.70 0.00	32.32 1.53 0.00	28.38 1.36 0.00	26.53 1.20 0.00	29.65 1.25 0.00	32.98 1.38 0.00	33.19 1.38 0.00	30.56 1.41 0.00	28.30 1.39 0.00	31.37 1.63 0.00	31.31 1.66 0.00	33.46 1.89 0.00	35.87 2.13 0.00	36.04 2.40 0.00	35.57 2.62 0.00	40.92 3.05 0.00	40.33 3.00 0.00	44.85 3.21 0.00	42.83 2.87 0.00	46.41 2.88 0.00
WHITEHAL_115KV_TB1 80871	39.26 2.95 0.00	35.91 2.38 0.00	32.89 2.11 0.00	28.93 1.90 0.00	27.19 1.86 0.00	30.54 2.14 0.00	33.96 2.36 0.00	33.95 2.14 0.00	31.16 2.01 0.00	28.86 1.96 0.00	31.81 2.07 0.00	31.77 2.12 0.00	33.40 1.83 0.00	35.23 1.49 0.00	34.83 1.19 0.00	34.41 1.46 0.00	40.02 2.15 0.00	39.81 2.48 0.00	44.30 2.67 0.00	42.63 2.67 0.00	46.68 3.15 0.00
WHITEPLN_13_KV_LOAD 356215	38.83 2.52 0.00	35.70 2.17 0.00	32.76 1.98 0.00	28.75 1.72 0.00	26.86 1.53 0.00	30.01 1.61 0.00	33.39 1.79 0.00	33.61 1.80 0.00	30.97 1.83 0.00	28.70 1.80 0.00	31.83 2.09 0.00	31.81 2.16 0.00	33.96 2.39 0.00	36.42 2.68 0.00	36.60 2.96 0.00	36.11 3.15 0.00	41.55 3.68 0.00	41.00 3.67 0.00	45.58 3.95 0.00	43.53 3.57 0.00	47.15 3.62 0.00
WM_FLOYD_69_KV_BK2 356380	39.30 2.98 0.00	35.96 2.44 0.00	32.91 2.12 0.00	28.87 1.84 0.00	26.94 1.61 0.00	30.13 1.73 0.00	33.47 1.87 0.00	33.39 1.59 0.00	31.06 1.91 0.00	28.63 1.72 0.00	31.72 1.97 0.00	31.53 1.88 0.00	33.75 2.18 0.00	36.29 2.56 0.00	36.07 2.99 0.56	36.17 3.22 0.00	41.63 3.75 0.00	40.88 3.55 0.00	45.46 3.83 0.00	43.42 3.46 0.00	46.93 3.40 0.00
WOODARD__115KV_TB2 355635	35.64 -0.68 0.00	32.93 -0.60 0.00	30.18 -0.60 0.00	26.51 -0.52 0.00	24.83 -0.50 0.00	27.81 -0.59 0.00	30.94 -0.66 0.00	31.18 -0.63 0.00	28.52 -0.63 0.00	26.30 -0.61 0.00	29.06 -0.69 0.00	28.99 -0.67 0.00	30.91 -0.65 0.00	33.04 -0.70 0.00	32.87 -0.77 0.00	32.10 -0.85 0.00	36.78 -1.09 0.00	36.30 -1.03 0.00	40.56 -1.07 0.01	39.05 -0.91 0.00	42.48 -1.05 0.00
YORK___WARBASSE 23770	38.73 2.41 0.00	35.59 2.06 0.00	32.66 1.87 0.00	28.66 1.64 0.00	26.79 1.46 0.00	29.91 1.51 0.00	33.27 1.67 0.00	33.48 1.68 0.00	30.91 1.76 0.00	28.65 1.74 0.00	31.76 2.01 0.00	31.72 2.07 0.00	33.84 2.28 0.00	36.28 2.54 0.00	36.49 2.85 0.00	36.03 3.08 0.00	41.47 3.60 0.00	40.85 3.52 0.00	45.39 3.76 0.00	43.37 3.41 0.00	47.02 3.50 0.00