

ALBANY__2 23572	35.23 0.83 0.00	33.02 0.81 0.00	31.48 0.80 0.00	30.47 0.80 0.00	30.50 0.80 0.00	33.64 0.98 0.00	46.73 1.41 0.00	56.29 1.69 0.00	50.15 1.37 0.00	42.04 0.95 0.00	41.89 0.94 0.00	37.56 0.84 0.00	36.89 0.83 0.00	36.17 0.71 0.00	38.04 0.75 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.43 1.25 0.00	54.67 1.54 0.00	55.64 1.57 0.00	53.99 1.52 0.00	48.08 1.40 0.00	39.56 1.15 0.00	34.45 1.07 0.00
ALBANY__3 23573	35.23 0.83 0.00	33.02 0.81 0.00	31.48 0.80 0.00	30.47 0.80 0.00	30.50 0.80 0.00	33.64 0.98 0.00	46.73 1.41 0.00	56.29 1.69 0.00	50.15 1.37 0.00	42.04 0.95 0.00	41.89 0.94 0.00	37.56 0.84 0.00	36.89 0.83 0.00	36.17 0.71 0.00	38.04 0.75 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.43 1.25 0.00	54.67 1.54 0.00	55.64 1.57 0.00	53.99 1.52 0.00	48.08 1.40 0.00	39.56 1.15 0.00	34.45 1.07 0.00
ALBANY__4 23574	35.23 0.83 0.00	33.02 0.81 0.00	31.48 0.80 0.00	30.47 0.80 0.00	30.50 0.80 0.00	33.64 0.98 0.00	46.73 1.41 0.00	56.29 1.69 0.00	50.15 1.37 0.00	42.04 0.95 0.00	41.89 0.94 0.00	37.56 0.84 0.00	36.89 0.83 0.00	36.17 0.71 0.00	38.04 0.75 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.43 1.25 0.00	54.67 1.54 0.00	55.64 1.57 0.00	53.99 1.52 0.00	48.08 1.40 0.00	39.56 1.15 0.00	34.45 1.07 0.00
ALBANY__LFGE 323615	35.36 0.96 0.00	33.15 0.93 0.00	31.60 0.92 0.00	30.59 0.92 0.00	30.62 0.92 0.00	33.77 1.11 0.00	46.96 1.63 0.00	56.61 2.02 0.00	50.44 1.66 0.00	42.29 1.19 0.00	42.09 1.14 0.00	37.74 1.03 0.00	37.07 1.01 0.00	36.35 0.89 0.00	38.19 0.89 0.00	41.28 1.09 0.00	45.36 1.28 0.00	47.66 1.48 0.00	54.94 1.81 0.00	55.96 1.89 0.00	54.26 1.79 0.00	48.31 1.63 0.00	39.71 1.31 0.00	34.58 1.20 0.00
ALCOA_PA_115KV_PL-6C 55860	34.95 0.55 0.00	32.63 0.42 0.00	31.17 0.49 0.00	30.11 0.45 0.00	30.32 0.62 0.00	33.15 0.49 0.00	45.78 0.45 0.00	54.76 0.16 0.00	49.22 0.44 0.00	41.63 0.53 0.00	41.31 0.37 0.00	37.08 0.37 0.00	36.46 0.40 0.00	35.86 0.39 0.00	37.82 0.52 0.00	40.72 0.52 0.00	44.17 0.09 0.00	46.13 -0.05 0.00	53.13 0.00 0.00	54.07 0.00 0.00	52.42 -0.05 0.00	46.86 0.19 0.00	38.67 0.27 0.00	33.68 0.30 0.00
ALCOA_RYNLDS__DRP 24188	34.95 0.55 0.00	32.63 0.42 0.00	31.17 0.49 0.00	30.11 0.45 0.00	30.32 0.62 0.00	33.15 0.49 0.00	45.78 0.45 0.00	54.76 0.16 0.00	49.22 0.44 0.00	41.63 0.53 0.00	41.31 0.37 0.00	37.08 0.37 0.00	36.46 0.40 0.00	35.85 0.39 0.00	37.82 0.52 0.00	40.72 0.52 0.00	44.17 0.09 0.00	46.13 -0.05 0.00	52.92 -0.21 0.00	54.07 0.00 0.00	52.42 -0.05 0.00	46.86 0.19 0.00	38.67 0.27 0.00	33.68 0.30 0.00
ALCOA__DSASP 323711	34.95 0.55 0.00	32.63 0.42 0.00	31.17 0.49 0.00	30.11 0.45 0.00	30.32 0.62 0.00	33.15 0.49 0.00	45.78 0.45 0.00	54.76 0.16 0.00	49.22 0.44 0.00	41.63 0.53 0.00	41.31 0.37 0.00	37.08 0.37 0.00	36.46 0.40 0.00	35.85 0.39 0.00	37.82 0.52 0.00	40.72 0.52 0.00	44.17 0.09 0.00	46.13 -0.05 0.00	52.92 -0.21 0.00	54.07 0.00 0.00	52.42 -0.05 0.00	46.86 0.19 0.00	38.67 0.27 0.00	33.68 0.30 0.00
ALLEGHENY__COGEN 23514	34.06 -0.34 0.00	31.89 -0.32 0.00	30.04 -0.65 0.00	29.01 -0.65 0.00	29.01 -0.68 0.00	42.55 -0.82 -10.71	73.56 -2.58 -30.81	87.56 -3.44 -36.40	81.97 -3.27 -36.46	80.07 -2.71 -41.69	78.32 -3.03 -40.41	59.34 -2.86 -25.49	56.34 -3.07 -23.34	50.80 -3.09 -18.42	57.57 -3.17 -23.44	75.72 -3.78 -39.31	88.56 -3.75 -48.22	63.60 -3.83 -21.25	75.65 -3.77 -26.29	56.89 -2.92 -5.74	38.07 -1.05 13.35	37.08 -1.31 8.29	43.73 -1.35 -6.67	32.09 -1.40 -0.11
ALTMONT_115KV_TB 2 55880	34.99 0.58 0.00	32.79 0.58 0.00	31.24 0.55 0.00	30.23 0.56 0.00	30.26 0.56 0.00	33.34 0.69 0.00	46.37 1.04 0.00	55.85 1.26 0.00	49.76 0.98 0.00	41.80 0.70 0.00	41.60 0.66 0.00	37.34 0.62 0.00	36.68 0.61 0.00	36.00 0.53 0.00	37.86 0.56 0.00	40.88 0.68 0.00	44.92 0.84 0.00	47.19 1.02 0.00	54.35 1.22 0.00	55.31 1.24 0.00	53.68 1.21 0.00	47.75 1.07 0.00	39.29 0.88 0.00	34.15 0.77 0.00
ALTONA_WT_PWR 323606	34.71 0.31 0.00	32.44 0.23 0.00	30.96 0.28 0.00	29.90 0.24 0.00	30.08 0.39 0.00	32.89 0.23 0.00	45.10 -0.23 0.00	53.88 -0.71 0.00	48.59 -0.19 0.00	41.14 0.04 0.00	40.86 -0.08 0.00	36.61 -0.11 0.00	35.96 -0.07 0.00	35.39 -0.07 0.00	37.33 0.04 0.00	40.28 0.08 0.00	43.91 -0.18 0.00	45.81 -0.37 0.00	52.33 -0.80 0.00	53.20 -0.87 0.00	51.63 -0.84 0.00	46.30 -0.38 0.00	38.06 -0.35 0.00	33.08 -0.30 0.00
AMERICAN_REF_FUEL 24010	30.38 -4.03 0.00	28.73 -3.48 0.00	27.03 -3.65 0.00	26.17 -3.50 0.00	26.07 -3.62 0.00	24.48 -4.57 3.61	28.32 -6.44 10.57	34.48 -7.64 12.47	30.10 -6.20 12.49	23.54 -5.22 12.34	23.82 -5.16 11.96	24.50 -4.66 7.55	24.50 -4.55 7.02	24.60 -4.54 6.33	24.29 -4.70 8.31	21.17 -5.15 13.88	21.34 -5.73 17.01	33.68 -6.60 5.89	34.68 -7.76 10.69	36.65 -7.62 9.80	33.70 -7.29 11.47	28.52 -6.49 11.67	29.58 -5.34 3.49	28.20 -5.04 0.14
ARKWRIGHT__SUMMIT_WT_PWR 323751	31.86 -2.55 0.00	29.61 -2.61 0.00	27.68 -3.01 0.00	26.64 -3.03 0.00	26.43 -3.27 0.00	25.20 -3.72 3.74	28.98 -5.40 10.95	35.45 -6.22 12.92	30.14 -5.71 12.93	23.80 -4.36 12.94	24.02 -4.38 12.55	24.91 -3.89 7.92	24.29 -4.00 7.77	24.76 -4.15 6.55	24.15 -4.55 8.59	20.69 -5.15 14.36	21.09 -5.38 17.61	32.81 -6.28 7.08	34.10 -7.23 11.80	38.03 -6.81 9.22	32.10 -6.82 13.55	26.48 -6.39 13.80	28.83 -5.41 4.16	28.45 -4.81 0.13
ARTHUR KILL_GT_1 23520	35.57 1.17 0.00	33.28 1.06 0.00	32.01 1.32 -0.01	30.97 1.31 0.00	30.76 1.07 0.00	33.70 1.05 0.00	46.96 1.63 0.00	56.67 2.07 0.00	50.54 1.76 0.00	42.84 1.77 0.03	42.97 2.05 0.03	39.04 2.35 0.03	38.31 2.27 0.03	37.67 2.23 0.03	39.32 2.05 0.03	42.57 2.37 0.00	46.90 2.82 0.00	48.90 2.72 0.00	56.16 3.03 0.00	56.72 2.65 0.00	55.25 2.78 0.00	48.96 2.29 0.00	40.52 2.11 0.00	34.99 1.60 0.00
ARTHUR_KILL_2 23512	35.47 1.07 0.00	33.21 1.00 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.70 1.01 0.00	33.60 0.95 0.00	46.87 1.54 0.00	56.56 1.96 0.00	50.44 1.66 0.00	42.67 1.60 0.03	42.88 1.97 0.03	38.38 1.69 0.03	38.24 2.20 0.03	37.60 2.16 0.03	39.24 1.98 0.03	42.49 2.29 0.00	46.77 2.69 0.00	48.76 2.58 0.00	56.10 2.97 0.00	56.56 2.49 0.00	55.09 2.62 0.00	48.82 2.15 0.00	40.44 2.03 0.00	34.92 1.54 0.00
ARTHUR_KILL_3 23513	35.29 0.89 0.01	33.08 0.87 0.01	31.57 0.89 0.00	30.52 0.86 0.01	30.37 0.68 0.01	33.60 0.95 0.01	46.82 1.49 0.01	56.71 2.13 0.01	50.54 1.75 0.00	42.85 1.77 0.01	42.90 1.97 0.01	38.54 1.84 0.01	37.86 1.80 0.01	37.40 1.95 0.01	39.26 1.98 0.01	42.53 2.33 0.00	46.77 2.69 0.00	48.81 2.63 0.00	56.05 2.92 0.00	56.67 2.60 0.00	55.04 2.57 0.00	48.82 2.15 0.01	40.16 1.77 0.01	34.78 1.40 0.01

ARTHUR_KILL_COGEN 323718	35.57 1.17 0.00	33.28 1.06 0.00	32.01 1.32 -0.01	30.94 1.27 0.00	30.76 1.07 0.00	33.70 1.04 0.00	46.96 1.63 0.00	56.72 2.13 0.00	50.54 1.75 0.00	42.76 1.69 0.03	43.01 2.09 0.03	38.45 1.76 0.03	38.31 2.27 0.03	37.67 2.24 0.03	39.32 2.05 0.03	42.57 2.37 0.00	46.90 2.82 0.00	48.90 2.72 0.00	56.26 3.13 0.00	56.72 2.65 0.00	55.25 2.78 0.00	48.96 2.29 0.00	40.51 2.11 0.00	34.99 1.60 0.00
ASHOKAN____ 23654	35.74 1.34 0.00	33.54 1.32 0.00	31.94 1.26 0.00	30.86 1.19 0.00	30.76 1.07 0.00	33.93 1.27 0.00	46.92 1.59 0.00	56.67 2.07 0.00	49.91 1.12 0.00	41.51 0.41 0.00	41.24 0.29 0.00	36.83 0.11 0.00	36.10 0.04 0.00	35.75 0.28 0.00	37.63 0.33 0.00	40.60 0.40 0.00	44.83 0.75 0.00	47.10 0.92 0.00	54.51 1.38 0.00	55.47 1.40 0.00	54.04 1.57 0.00	48.07 1.40 0.00	39.48 1.07 0.00	34.45 1.07 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.50 1.10 0.00	33.37 1.16 0.00	31.98 1.29 -0.01	30.91 1.25 0.00	30.73 1.04 0.00	33.57 0.91 0.00	46.82 1.49 0.00	56.55 1.96 0.01	50.53 1.75 0.01	42.86 1.77 0.01	42.99 2.05 0.01	38.58 1.87 0.01	38.08 2.02 0.01	37.55 2.09 0.01	39.34 2.05 0.01	42.60 2.41 0.01	46.90 2.82 0.01	48.80 2.63 0.01	55.99 2.87 0.01	56.55 2.49 0.01	54.98 2.52 0.01	48.72 2.05 0.01	40.28 1.88 0.00	34.85 1.47 0.00
ASTORIA_EAST_ENERGY_CC2 323582	35.50 1.10 0.00	33.37 1.16 0.00	31.98 1.29 -0.01	30.91 1.25 0.00	30.73 1.04 0.00	33.57 0.91 0.00	46.82 1.49 0.00	56.55 1.96 0.01	50.53 1.75 0.01	42.86 1.77 0.01	42.99 2.05 0.01	38.58 1.87 0.01	38.08 2.02 0.01	37.55 2.09 0.01	39.34 2.05 0.01	42.60 2.41 0.01	46.90 2.82 0.01	48.80 2.63 0.01	55.99 2.87 0.01	56.55 2.49 0.01	54.98 2.52 0.01	48.72 2.05 0.01	40.28 1.88 0.00	34.85 1.47 0.00
ASTORIA_GT2_1 24094	35.54 1.14 0.00	33.31 1.10 0.00	31.98 1.29 -0.01	30.97 1.31 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.78 1.45 0.00	56.50 1.91 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.73 2.05 0.00	40.29 1.88 0.00	34.85 1.47 0.00
ASTORIA_GT2_2 24095	35.54 1.14 0.00	33.31 1.10 0.00	31.98 1.29 -0.01	30.97 1.31 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.78 1.45 0.00	56.50 1.91 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.73 2.05 0.00	40.29 1.88 0.00	34.85 1.47 0.00
ASTORIA_GT2_3 24096	35.54 1.14 0.00	33.31 1.10 0.00	31.98 1.29 -0.01	30.97 1.31 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.78 1.45 0.00	56.50 1.91 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.73 2.05 0.00	40.29 1.88 0.00	34.85 1.47 0.00
ASTORIA_GT2_4 24097	35.54 1.14 0.00	33.31 1.10 0.00	31.98 1.29 -0.01	30.97 1.31 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.78 1.45 0.00	56.50 1.91 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.73 2.05 0.00	40.29 1.88 0.00	34.85 1.47 0.00
ASTORIA_GT3_1 24098	35.54 1.14 0.00	33.31 1.10 0.00	31.98 1.29 -0.01	30.97 1.31 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.78 1.45 0.00	56.50 1.91 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.73 2.05 0.00	40.29 1.88 0.00	34.85 1.47 0.00
ASTORIA_GT3_2 24099	35.54 1.14 0.00	33.31 1.10 0.00	31.98 1.29 -0.01	30.97 1.31 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.78 1.45 0.00	56.50 1.91 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.73 2.05 0.00	40.29 1.88 0.00	34.85 1.47 0.00
ASTORIA_GT3_3 24100	35.54 1.14 0.00	33.31 1.10 0.00	31.98 1.29 -0.01	30.97 1.31 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.78 1.45 0.00	56.50 1.91 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.73 2.05 0.00	40.29 1.88 0.00	34.85 1.47 0.00
ASTORIA_GT3_4 24101	35.54 1.14 0.00	33.31 1.10 0.00	31.98 1.29 -0.01	30.97 1.31 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.78 1.45 0.00	56.50 1.91 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.73 2.05 0.00	40.29 1.88 0.00	34.85 1.47 0.00
ASTORIA_GT4_1 24102	35.54 1.14 0.00	33.31 1.10 0.00	31.98 1.29 -0.01	30.97 1.31 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.78 1.45 0.00	56.50 1.91 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.73 2.05 0.00	40.29 1.88 0.00	34.85 1.47 0.00
ASTORIA_GT4_2 24103	35.54 1.14 0.00	33.31 1.10 0.00	31.98 1.29 -0.01	30.97 1.31 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.78 1.45 0.00	56.50 1.91 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.73 2.05 0.00	40.29 1.88 0.00	34.85 1.47 0.00
ASTORIA_GT4_3 24104	35.54 1.14 0.00	33.31 1.10 0.00	31.98 1.29 -0.01	30.97 1.31 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.78 1.45 0.00	56.50 1.91 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.73 2.05 0.00	40.29 1.88 0.00	34.85 1.47 0.00

ASTORIA_GT4_4 24105	35.54 1.14 0.00	33.31 1.10 0.00	31.98 1.29 -0.01	30.97 1.31 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.78 1.45 0.00	56.50 1.91 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.73 2.05 0.00	40.29 1.88 0.00	34.85 1.47 0.00
ASTORIA_GT_1 23523	35.57 1.17 0.00	33.34 1.13 0.00	32.04 1.35 -0.01	31.00 1.34 0.00	30.76 1.07 0.00	33.64 0.98 0.00	46.87 1.54 0.00	56.61 2.02 0.00	50.68 1.90 0.00	43.03 1.93 0.00	43.08 2.13 0.00	38.81 2.09 0.00	38.16 2.09 0.00	37.63 2.16 0.00	39.46 2.16 0.00	42.73 2.53 0.00	46.99 2.91 0.00	48.95 2.77 0.00	56.05 2.92 0.00	56.67 2.60 0.00	55.15 2.68 0.00	48.78 2.10 0.00	40.36 1.96 0.00	34.92 1.54 0.00
ASTORIA_GT_10 24110	35.61 1.20 0.00	33.34 1.13 0.00	31.92 1.23 -0.01	30.88 1.22 0.00	30.67 0.98 0.00	33.80 1.14 0.00	47.05 1.72 0.00	56.83 2.24 0.00	50.78 2.00 0.00	43.12 2.01 -0.01	43.17 2.21 -0.01	38.90 2.17 -0.01	38.24 2.16 -0.01	37.71 2.23 -0.01	39.51 2.20 -0.01	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.16 3.03 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.44 2.04 0.00	35.02 1.64 0.00
ASTORIA_GT_11 24225	35.61 1.20 0.00	33.34 1.13 0.00	31.92 1.23 -0.01	30.88 1.22 0.00	30.67 0.98 0.00	33.80 1.14 0.00	47.05 1.72 0.00	56.83 2.24 0.00	50.78 2.00 0.00	43.12 2.01 -0.01	43.17 2.21 -0.01	38.90 2.17 -0.01	38.24 2.16 -0.01	37.71 2.23 -0.01	39.51 2.20 -0.01	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.16 3.03 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.44 2.04 0.00	35.02 1.64 0.00
ASTORIA_GT_12 24226	35.61 1.20 0.00	33.34 1.13 0.00	31.92 1.23 -0.01	30.88 1.22 0.00	30.67 0.98 0.00	33.80 1.14 0.00	47.05 1.72 0.00	56.83 2.24 0.00	50.78 2.00 0.00	43.12 2.01 -0.01	43.17 2.21 -0.01	38.90 2.17 -0.01	38.24 2.16 -0.01	37.71 2.23 -0.01	39.51 2.20 -0.01	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.16 3.03 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.44 2.04 0.00	35.02 1.64 0.00
ASTORIA_GT_13 24227	35.61 1.20 0.00	33.34 1.13 0.00	31.92 1.23 -0.01	30.88 1.22 0.00	30.67 0.98 0.00	33.80 1.14 0.00	47.05 1.72 0.00	56.83 2.24 0.00	50.78 2.00 0.00	43.12 2.01 -0.01	43.17 2.21 -0.01	38.90 2.17 -0.01	38.24 2.16 -0.01	37.71 2.23 -0.01	39.51 2.20 -0.01	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.16 3.03 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.44 2.04 0.00	35.02 1.64 0.00
ASTORIA_GT_5 24106	35.57 1.17 0.00	33.34 1.13 0.00	32.04 1.35 -0.01	31.00 1.34 0.00	30.76 1.07 0.00	33.64 0.98 0.00	46.87 1.54 0.00	56.61 2.02 0.00	50.68 1.90 0.00	43.03 1.93 0.00	43.08 2.13 0.00	38.81 2.09 0.00	38.16 2.09 0.00	37.63 2.16 0.00	39.46 2.16 0.00	42.73 2.53 0.00	46.99 2.91 0.00	48.95 2.77 0.00	56.05 2.92 0.00	56.67 2.60 0.00	55.15 2.68 0.00	48.78 2.10 0.00	40.36 1.96 0.00	34.92 1.54 0.00
ASTORIA_GT_7 24107	35.57 1.17 0.00	33.34 1.13 0.00	32.04 1.35 -0.01	31.00 1.34 0.00	30.76 1.07 0.00	33.64 0.98 0.00	46.87 1.54 0.00	56.61 2.02 0.00	50.68 1.90 0.00	43.03 1.93 0.00	43.08 2.13 0.00	38.81 2.09 0.00	38.16 2.09 0.00	37.63 2.16 0.00	39.46 2.16 0.00	42.73 2.53 0.00	46.99 2.91 0.00	48.95 2.77 0.00	56.05 2.92 0.00	56.67 2.60 0.00	55.15 2.68 0.00	48.78 2.10 0.00	40.36 1.96 0.00	34.92 1.54 0.00
ASTORIA_GT_8 24108	35.57 1.17 0.00	33.34 1.13 0.00	32.04 1.35 -0.01	31.00 1.34 0.00	30.76 1.07 0.00	33.64 0.98 0.00	46.87 1.54 0.00	56.61 2.02 0.00	50.68 1.90 0.00	43.03 1.93 0.00	43.08 2.13 0.00	38.81 2.09 0.00	38.16 2.09 0.00	37.63 2.16 0.00	39.46 2.16 0.00	42.73 2.53 0.00	46.99 2.91 0.00	48.95 2.77 0.00	56.05 2.92 0.00	56.67 2.60 0.00	55.15 2.68 0.00	48.78 2.10 0.00	40.36 1.96 0.00	34.92 1.54 0.00
ASTORIA__2 24149	35.54 1.13 0.00	33.41 1.19 0.00	31.98 1.29 -0.01	30.94 1.27 0.00	30.73 1.04 0.00	33.60 0.95 0.00	46.82 1.49 0.00	56.61 2.02 0.01	50.58 1.81 0.01	42.90 1.81 0.01	42.99 2.05 0.01	38.62 1.91 0.01	38.08 2.02 0.01	37.55 2.09 0.01	39.38 2.09 0.01	42.64 2.45 0.01	46.90 2.82 0.01	48.80 2.63 0.01	56.04 2.92 0.01	56.55 2.49 0.01	55.03 2.57 0.01	48.72 2.05 0.01	40.28 1.88 0.00	34.85 1.47 0.00
ASTORIA__3 23516	35.61 1.20 0.00	33.37 1.16 0.00	31.92 1.23 -0.01	30.86 1.19 0.00	30.67 0.98 0.00	33.77 1.11 0.00	47.10 1.77 0.00	56.89 2.29 0.00	50.78 2.00 0.00	43.04 1.93 -0.01	43.17 2.21 -0.01	38.75 2.02 -0.01	38.24 2.16 -0.01	37.71 2.24 -0.01	39.51 2.20 -0.01	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.44 2.03 0.00	35.02 1.64 0.00
ASTORIA__4 23517	35.61 1.20 0.00	33.34 1.13 0.00	31.92 1.23 -0.01	30.88 1.22 0.00	30.67 0.98 0.00	33.80 1.14 0.00	47.05 1.72 0.00	56.83 2.24 0.00	50.78 2.00 0.00	43.12 2.01 -0.01	43.17 2.21 -0.01	38.90 2.17 -0.01	38.24 2.16 -0.01	37.71 2.23 -0.01	39.51 2.20 -0.01	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.16 3.03 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.44 2.04 0.00	35.02 1.64 0.00
ASTORIA__5 23518	35.61 1.20 0.00	33.37 1.16 0.00	31.92 1.23 -0.01	30.86 1.19 0.00	30.67 0.98 0.00	33.77 1.11 0.00	47.10 1.77 0.00	56.89 2.29 0.00	50.78 2.00 0.00	43.04 1.93 -0.01	43.17 2.21 -0.01	38.75 2.02 -0.01	38.24 2.16 -0.01	37.71 2.24 -0.01	39.51 2.20 -0.01	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.44 2.03 0.00	35.02 1.64 0.00
AST_ENERGY_2_CC3 323677	35.47 1.07 0.00	33.21 1.00 0.00	31.69 1.01 0.00	30.68 1.01 0.00	30.52 0.83 0.00	33.77 1.11 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.95 1.85 0.00	43.03 2.09 0.00	38.66 1.94 0.00	38.01 1.95 0.00	37.52 2.06 0.00	39.38 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.95 2.77 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.20 2.73 0.00	49.01 2.33 0.00	40.32 1.92 0.00	34.92 1.54 0.00
AST_ENERGY_2_CC4 323678	35.47 1.07 0.00	33.21 1.00 0.00	31.69 1.01 0.00	30.68 1.01 0.00	30.52 0.83 0.00	33.77 1.11 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.95 1.85 0.00	43.03 2.09 0.00	38.66 1.94 0.00	38.01 1.95 0.00	37.52 2.06 0.00	39.38 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.95 2.77 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.20 2.73 0.00	49.01 2.33 0.00	40.32 1.92 0.00	34.92 1.54 0.00

ATHENS_STG_1 23668	34.65 0.24 0.00	32.57 0.36 0.00	31.08 0.40 0.00	30.05 0.38 0.00	29.99 0.30 0.00	33.05 0.39 0.00	45.92 0.59 0.00	55.58 0.98 0.00	48.98 0.20 0.00	41.18 0.08 0.00	41.24 0.29 0.00	37.08 0.37 0.00	36.50 0.43 0.00	36.03 0.57 0.00	37.78 0.48 0.00	40.80 0.60 0.00	44.87 0.79 0.00	47.01 0.83 0.00	54.03 0.90 0.00	54.72 0.65 0.00	53.10 0.63 0.00	47.14 0.47 0.00	38.90 0.50 0.00	34.18 0.80 0.00
ATHENS_STG_2 23670	34.65 0.24 0.00	32.57 0.36 0.00	31.08 0.40 0.00	30.05 0.38 0.00	29.99 0.30 0.00	33.05 0.39 0.00	45.92 0.59 0.00	55.58 0.98 0.00	48.98 0.20 0.00	41.18 0.08 0.00	41.24 0.29 0.00	37.08 0.37 0.00	36.50 0.43 0.00	36.03 0.57 0.00	37.78 0.48 0.00	40.80 0.60 0.00	44.87 0.79 0.00	47.01 0.83 0.00	54.03 0.90 0.00	54.72 0.65 0.00	53.10 0.63 0.00	47.14 0.47 0.00	38.90 0.50 0.00	34.18 0.80 0.00
ATHENS_STG_3 23677	34.65 0.24 0.00	32.57 0.36 0.00	31.08 0.40 0.00	30.05 0.38 0.00	29.99 0.30 0.00	33.05 0.39 0.00	45.92 0.59 0.00	55.58 0.98 0.00	48.98 0.20 0.00	41.18 0.08 0.00	41.24 0.29 0.00	37.08 0.37 0.00	36.50 0.43 0.00	36.03 0.57 0.00	37.78 0.48 0.00	40.80 0.60 0.00	44.87 0.79 0.00	47.01 0.83 0.00	54.03 0.90 0.00	54.72 0.65 0.00	53.10 0.63 0.00	47.14 0.47 0.00	38.90 0.50 0.00	34.18 0.80 0.00
AUBURN___LFG 323710	34.13 -0.28 0.00	31.96 -0.26 0.00	30.35 -0.34 0.00	29.34 -0.33 0.00	29.37 -0.33 0.00	32.80 -0.36 -0.50	46.41 -0.36 -1.45	55.81 -0.49 -1.71	50.05 -0.44 -1.71	42.84 -0.21 -1.95	42.59 -0.25 -1.89	37.61 -0.29 -1.19	36.79 -0.32 -1.05	35.97 -0.35 -0.86	38.02 -0.37 -1.10	41.56 -0.48 -1.85	45.95 -0.40 -2.27	46.57 -0.46 -0.85	53.81 -0.37 -1.06	54.08 -0.22 -0.23	48.25 -0.26 3.96	42.87 -0.33 3.48	37.96 -0.35 0.10	32.99 -0.40 0.00
BABYLON_RES_REC 323704	36.09 1.69 0.00	33.82 1.61 0.00	32.16 1.47 0.00	31.03 1.37 0.00	30.82 1.13 0.00	34.00 1.34 0.00	46.74 1.41 0.00	56.67 2.07 0.00	50.54 1.75 0.00	43.32 2.22 0.00	43.65 2.62 -0.08	39.08 2.35 -0.01	38.45 2.38 -0.01	38.71 2.52 -0.72	39.84 2.54 -0.01	48.76 2.93 -5.63	52.15 3.26 -4.81	52.30 3.33 -2.79	56.75 3.61 -0.01	57.94 3.51 -0.36	55.84 3.36 -0.01	49.81 3.13 -0.01	41.25 2.84 0.00	35.59 2.20 0.00
BALL_HILL_WT_PWR 323825	31.75 -2.65 0.00	29.64 -2.58 0.00	27.83 -2.85 0.00	26.88 -2.79 0.00	26.79 -2.91 0.00	25.40 -3.36 3.90	28.97 -4.94 11.42	35.50 -5.62 13.47	30.27 -5.02 13.49	23.76 -3.78 13.55	24.04 -3.77 13.14	25.05 -3.38 8.29	24.35 -3.43 8.29	25.05 -3.58 6.83	24.46 -3.88 8.96	20.80 -4.42 14.97	21.10 -4.63 18.35	32.97 -5.45 7.76	34.15 -6.27 12.71	38.48 -6.00 9.58	33.38 -5.88 13.22	27.59 -5.46 13.62	29.45 -4.57 4.38	29.11 -4.14 0.13
BARON_WINDS___WT_PWR 323822	32.75 -1.65 0.00	30.57 -1.64 0.00	28.84 -1.84 0.00	27.83 -1.84 0.00	27.76 -1.93 0.00	23.21 -2.29 7.16	21.09 -3.54 20.70	25.83 -4.31 24.45	20.25 -4.05 24.49	11.12 -3.00 26.98	11.77 -3.03 26.15	17.36 -2.86 16.49	9.38 -2.96 23.73	20.03 -3.05 12.39	17.99 -3.32 15.99	9.66 -3.82 26.72	7.40 -3.92 32.75	9.66 -4.34 32.18	7.00 -4.78 41.35	37.12 -4.54 12.41	26.20 -4.30 21.97	16.39 -4.01 26.27	20.38 -3.38 14.64	30.03 -3.14 0.21
BARRETT_IC_1 23704	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BARRETT_IC_10 23701	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BARRETT_IC_11 23702	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BARRETT_IC_12 23703	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BARRETT_IC_2 23705	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BARRETT_IC_3 23706	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BARRETT_IC_4 23707	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BARRETT_IC_5 23708	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00

BARRETT_IC_6 23709	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BARRETT_IC_7 23710	35.78 1.38 0.00	33.60 1.39 0.00	31.97 1.29 0.00	30.94 1.28 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.07 1.47 0.00	50.15 1.37 0.00	42.99 1.89 0.00	42.94 1.92 -0.07	38.75 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.13 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.24 2.36 -2.71	56.11 2.98 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BARRETT_IC_8 23711	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BARRETT_IC_9 23700	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BARRETT__1 23545	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BARRETT__2 23546	35.78 1.38 0.00	33.60 1.38 0.00	31.97 1.29 0.00	30.86 1.19 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.10 1.32 0.00	42.82 1.73 0.00	42.95 1.92 -0.07	38.74 2.02 -0.01	38.17 2.09 -0.01	37.96 1.84 -0.65	39.43 2.12 -0.01	47.31 2.09 -5.02	50.54 2.29 -4.17	51.19 2.31 -2.71	56.22 3.08 -0.01	56.69 2.27 -0.35	55.26 2.78 -0.01	48.88 2.19 -0.01	40.75 2.34 0.00	35.29 1.90 0.00
BATAVIA__115KV_TB1 55881	32.48 -1.93 0.00	30.64 -1.58 0.00	28.81 -1.87 0.00	27.74 -1.93 0.00	27.62 -2.08 0.00	29.01 -2.35 1.29	38.24 -2.99 4.10	46.73 -3.06 4.81	41.39 -2.59 4.81	36.70 -2.26 2.13	36.54 -2.33 2.07	33.37 -2.06 1.29	31.79 -1.98 2.29	30.94 -2.02 2.50	31.52 -2.09 3.68	31.57 -2.49 6.13	33.88 -2.69 7.51	37.96 -4.11 4.10	40.08 -4.57 8.48	40.39 -4.38 9.30	38.44 -4.20 9.83	32.84 -4.01 9.82	32.36 -3.42 2.63	30.02 -3.24 0.13
BAYONEEC__CTG1 323682	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.50 0.80 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.94 1.85 0.01	43.02 2.09 0.01	38.65 1.94 0.01	38.00 1.95 0.01	37.51 2.06 0.01	39.37 2.09 0.01	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.28 1.88 0.00	34.89 1.50 0.00
BAYONEEC__CTG10 323750	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.50 0.80 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.94 1.85 0.01	43.02 2.09 0.01	38.65 1.94 0.01	38.00 1.95 0.01	37.51 2.06 0.01	39.37 2.09 0.01	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.28 1.88 0.00	34.89 1.50 0.00
BAYONEEC__CTG2 323683	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.50 0.80 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.94 1.85 0.01	43.02 2.09 0.01	38.65 1.94 0.01	38.00 1.95 0.01	37.51 2.06 0.01	39.37 2.09 0.01	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.28 1.88 0.00	34.89 1.50 0.00
BAYONEEC__CTG3 323684	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.50 0.80 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.94 1.85 0.01	43.02 2.09 0.01	38.65 1.94 0.01	38.00 1.95 0.01	37.51 2.06 0.01	39.37 2.09 0.01	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.28 1.88 0.00	34.89 1.50 0.00
BAYONEEC__CTG4 323685	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.50 0.80 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.94 1.85 0.01	43.02 2.09 0.01	38.65 1.94 0.01	38.00 1.95 0.01	37.51 2.06 0.01	39.37 2.09 0.01	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.28 1.88 0.00	34.89 1.50 0.00
BAYONEEC__CTG5 323686	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.50 0.80 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.94 1.85 0.01	43.02 2.09 0.01	38.65 1.94 0.01	38.00 1.95 0.01	37.51 2.06 0.01	39.37 2.09 0.01	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.28 1.88 0.00	34.89 1.50 0.00
BAYONEEC__CTG6 323687	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.50 0.80 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.94 1.85 0.01	43.02 2.09 0.01	38.65 1.94 0.01	38.00 1.95 0.01	37.51 2.06 0.01	39.37 2.09 0.01	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.28 1.88 0.00	34.89 1.50 0.00
BAYONEEC__CTG7 323688	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.50 0.80 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.94 1.85 0.01	43.02 2.09 0.01	38.65 1.94 0.01	38.00 1.95 0.01	37.51 2.06 0.01	39.37 2.09 0.01	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.28 1.88 0.00	34.89 1.50 0.00

BAYONEEC___CTG8 323689	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.50 0.80 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.94 1.85 0.01	43.02 2.09 0.01	38.65 1.94 0.01	38.00 1.95 0.01	37.51 2.06 0.01	39.37 2.09 0.01	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.28 1.88 0.00	34.89 1.50 0.00
BAYONEEC___CTG9 323749	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.50 0.80 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.94 1.85 0.01	43.02 2.09 0.01	38.65 1.94 0.01	38.00 1.95 0.01	37.51 2.06 0.01	39.37 2.09 0.01	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.28 1.88 0.00	34.89 1.50 0.00
BEACON___LESR 323632	35.57 1.17 0.00	33.34 1.13 0.00	31.76 1.07 0.00	30.73 1.07 0.00	30.79 1.10 0.00	33.96 1.31 0.00	47.28 1.95 0.00	57.05 2.46 0.00	50.74 1.95 0.00	42.50 1.40 0.00	42.26 1.31 0.00	37.89 1.17 0.00	37.18 1.12 0.00	36.46 0.99 0.00	38.34 1.04 0.00	41.48 1.29 0.00	45.58 1.50 0.00	47.89 1.71 0.00	55.26 2.13 0.00	56.34 2.27 0.00	54.62 2.15 0.00	48.59 1.91 0.00	39.94 1.54 0.00	34.75 1.37 0.00
BEAVER RIVER___HYD 24048	34.47 0.07 0.00	32.25 0.03 0.00	30.65 -0.03 0.00	29.55 -0.12 0.00	29.81 0.12 0.00	32.79 0.13 0.00	45.83 0.50 0.00	54.32 -0.27 0.00	47.91 -0.88 0.00	39.99 -1.11 0.00	39.72 -1.23 0.00	35.47 -1.25 0.00	34.77 -1.30 0.00	34.26 -1.21 0.00	36.21 -1.08 0.00	38.99 -1.20 0.00	42.58 -1.50 0.00	44.89 -1.29 0.00	52.07 -1.06 0.00	53.58 -0.49 0.00	51.69 -0.79 0.00	46.07 -0.61 0.00	37.64 -0.77 0.00	32.65 -0.73 0.00
BEEBEE_GT_13 23619	33.03 -1.38 0.00	30.93 -1.29 0.00	29.24 -1.44 0.00	28.21 -1.45 0.00	28.27 -1.43 0.00	31.95 -1.63 -0.93	45.78 -2.27 -2.72	55.34 -2.46 -3.21	50.04 -1.95 -3.21	42.68 -1.56 -3.15	42.44 -1.56 -3.05	37.28 -1.36 -1.93	35.72 -1.37 -1.03	35.79 -1.31 -1.63	38.06 -1.38 -2.14	41.97 -1.81 -3.59	46.58 -1.90 -4.40	43.83 -2.36 0.00	51.58 -2.60 -1.06	54.11 -2.49 -2.53	43.30 -2.36 6.81	38.03 -2.38 6.26	35.60 -2.07 0.73	31.58 -1.84 -0.03
BENSHRST_27_KV_BENSHRST_1 355998	35.71 1.31 0.00	33.41 1.19 0.00	32.04 1.35 -0.01	31.00 1.34 0.00	30.79 1.10 0.00	33.83 1.18 0.00	47.19 1.86 0.00	57.00 2.40 0.00	50.93 2.15 0.00	43.23 2.10 -0.04	43.32 2.33 -0.04	39.21 2.46 -0.04	38.52 2.42 -0.04	37.91 2.41 -0.04	39.64 2.31 -0.04	42.89 2.69 0.00	47.21 3.13 0.00	49.23 3.05 0.00	56.48 3.35 0.00	57.04 2.97 0.00	55.57 3.10 0.00	49.24 2.57 0.00	40.63 2.23 0.00	35.12 1.74 0.00
BETHLEHEM___GRP 23843	35.23 0.83 0.00	33.02 0.81 0.00	31.48 0.80 0.00	30.47 0.80 0.00	30.50 0.80 0.00	33.64 0.98 0.00	46.73 1.41 0.00	56.29 1.69 0.00	50.15 1.37 0.00	42.04 0.95 0.00	41.89 0.94 0.00	37.56 0.84 0.00	36.89 0.83 0.00	36.17 0.71 0.00	38.04 0.75 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.43 1.25 0.00	54.67 1.54 0.00	55.64 1.57 0.00	53.99 1.52 0.00	48.08 1.40 0.00	39.56 1.15 0.00	34.45 1.07 0.00
BETHLEHEM___GS1 323560	35.23 0.82 0.00	33.02 0.81 0.00	31.48 0.80 0.00	30.44 0.77 0.00	30.50 0.80 0.00	33.60 0.95 0.00	46.74 1.41 0.00	56.29 1.69 0.00	50.10 1.32 0.00	42.04 0.95 0.00	41.89 0.94 0.00	37.56 0.85 0.00	36.89 0.83 0.00	36.17 0.71 0.00	38.04 0.75 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.47 1.29 0.00	54.67 1.54 0.00	55.64 1.57 0.00	53.99 1.52 0.00	48.07 1.40 0.00	39.55 1.15 0.00	34.45 1.07 0.00
BETHLEHEM___GS2 323561	35.23 0.82 0.00	33.02 0.81 0.00	31.48 0.80 0.00	30.44 0.77 0.00	30.50 0.80 0.00	33.60 0.95 0.00	46.74 1.41 0.00	56.29 1.69 0.00	50.10 1.32 0.00	42.04 0.95 0.00	41.89 0.94 0.00	37.56 0.85 0.00	36.89 0.83 0.00	36.17 0.71 0.00	38.04 0.75 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.47 1.29 0.00	54.67 1.54 0.00	55.64 1.57 0.00	53.99 1.52 0.00	48.07 1.40 0.00	39.55 1.15 0.00	34.45 1.07 0.00
BETHLEHEM___GS3 323562	35.23 0.82 0.00	33.02 0.81 0.00	31.48 0.80 0.00	30.44 0.77 0.00	30.50 0.80 0.00	33.60 0.95 0.00	46.74 1.41 0.00	56.29 1.69 0.00	50.10 1.32 0.00	42.04 0.95 0.00	41.89 0.94 0.00	37.56 0.85 0.00	36.89 0.83 0.00	36.17 0.71 0.00	38.04 0.75 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.47 1.29 0.00	54.67 1.54 0.00	55.64 1.57 0.00	53.99 1.52 0.00	48.07 1.40 0.00	39.55 1.15 0.00	34.45 1.07 0.00
BETHLEHEM___STEEL 23779	31.72 -2.68 0.00	29.64 -2.58 0.00	27.86 -2.82 0.00	26.85 -2.82 0.00	26.81 -2.88 0.00	25.53 -3.30 3.83	29.25 -4.85 11.23	35.78 -5.57 13.24	30.55 -4.98 13.26	24.27 -3.66 13.17	24.54 -3.64 12.76	25.39 -3.27 8.05	24.75 -3.32 8.00	25.31 -3.44 6.72	24.74 -3.73 8.83	21.14 -4.30 14.75	21.55 -4.45 18.08	33.44 -5.36 7.38	34.63 -6.16 12.34	38.35 -6.00 9.72	33.79 -5.82 12.86	28.09 -5.37 13.22	29.75 -4.45 4.20	29.21 -4.04 0.14
BETHLHEM_115KV_TB1 79974	35.02 0.62 0.00	32.79 0.58 0.00	31.27 0.58 0.00	30.26 0.59 0.00	30.26 0.56 0.00	33.38 0.72 0.00	46.37 1.04 0.00	55.85 1.26 0.00	49.81 1.02 0.00	41.84 0.74 0.00	41.68 0.74 0.00	37.38 0.66 0.00	36.71 0.65 0.00	36.07 0.60 0.00	37.93 0.63 0.00	40.92 0.72 0.00	44.96 0.88 0.00	47.19 1.02 0.00	54.40 1.28 0.00	55.31 1.24 0.00	53.68 1.21 0.00	47.80 1.12 0.00	39.29 0.88 0.00	34.18 0.80 0.00
BETHPAGE_CC_5 323564	35.95 1.55 0.00	33.70 1.48 0.00	32.07 1.38 0.00	30.94 1.27 0.00	30.76 1.07 0.00	33.96 1.31 0.00	46.65 1.32 0.00	56.56 1.96 0.00	50.44 1.66 0.00	43.19 2.09 0.00	43.48 2.46 -0.08	39.00 2.28 -0.01	38.39 2.31 -0.01	38.66 2.45 -0.76	39.77 2.46 -0.01	48.84 2.77 -5.87	52.22 3.08 -5.06	52.26 3.14 -2.94	56.59 3.45 -0.01	57.69 3.24 -0.38	55.63 3.15 -0.01	49.58 2.89 -0.01	41.09 2.69 0.00	35.49 2.10 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.96 -2.44 0.00	29.90 -2.32 0.00	28.11 -2.58 0.00	27.06 -2.61 0.00	27.02 -2.67 0.00	25.90 -3.00 3.75	29.83 -4.49 11.01	36.48 -5.13 12.98	31.15 -4.63 13.00	24.97 -3.21 12.92	25.19 -3.23 12.52	25.91 -2.90 7.90	25.33 -2.96 7.78	25.72 -3.16 6.59	25.14 -3.51 8.65	21.71 -4.02 14.46	22.25 -4.10 17.73	34.19 -4.89 7.09	35.58 -5.63 11.91	39.13 -5.46 9.48	34.04 -5.30 13.13	28.36 -4.90 13.41	30.18 -4.11 4.12	29.48 -3.77 0.13
BINGHAMTON___COGEN 23790	34.09 -0.31 0.00	31.92 -0.29 0.00	30.28 -0.40 0.00	29.28 -0.39 0.00	29.28 -0.42 0.00	31.46 -0.46 0.74	42.59 -0.59 2.15	51.29 -0.76 2.53	45.51 -0.73 2.54	38.13 -0.41 2.55	38.10 -0.37 2.47	34.75 -0.40 1.56	34.79 -0.43 0.84	33.71 -0.46 1.29	35.05 -0.56 1.69	36.76 -0.60 2.83	40.08 -0.53 3.47	45.53 -0.65 0.00	51.95 -0.64 0.54	52.22 -0.54 1.31	65.67 -0.58 -13.78	58.75 -0.61 -12.68	39.39 -0.50 -1.48	32.83 -0.53 0.02

BIXINCNT_115KV_LOAD 355685	32.34 -2.06 0.00	30.25 -1.97 0.00	28.41 -2.27 0.00	27.32 -2.34 0.00	27.11 -2.58 0.00	26.24 -2.84 3.58	30.52 -4.31 10.50	36.97 -5.24 12.38	31.36 -5.02 12.40	25.25 -3.49 12.35	25.37 -3.60 11.97	25.86 -3.30 7.55	25.29 -3.50 7.27	25.53 -3.65 6.28	24.91 -4.14 8.25	21.67 -4.74 13.79	22.38 -4.80 16.90	34.30 -5.45 6.43	35.82 -6.38 10.94	38.83 -6.33 8.91	32.83 -5.82 13.81	27.48 -5.27 13.92	29.78 -4.69 3.94	28.75 -4.51 0.12
BLACK RIVER___HYD 24047	34.75 0.34 0.00	32.47 0.26 0.00	30.81 0.12 0.00	29.70 0.03 0.00	30.02 0.33 0.00	33.02 0.36 0.00	46.42 1.09 0.00	55.14 0.55 0.00	48.78 0.00 0.00	40.56 -0.54 0.00	40.29 -0.66 0.00	35.94 -0.77 0.00	35.20 -0.87 0.00	34.68 -0.78 0.00	36.70 -0.60 0.00	39.55 -0.64 0.00	43.29 -0.79 0.00	45.72 -0.46 0.00	53.40 0.27 0.00	55.26 1.19 0.00	53.21 0.73 0.00	47.24 0.56 0.00	38.40 0.00 0.00	33.28 -0.10 0.00
BLACKRVR_115KV_TB2 79977	34.75 0.34 0.00	32.47 0.26 0.00	30.81 0.12 0.00	29.70 0.03 0.00	30.02 0.33 0.00	33.02 0.36 0.00	46.42 1.09 0.00	55.19 0.60 0.00	48.78 0.00 0.00	40.56 -0.53 0.00	40.29 -0.66 0.00	35.94 -0.77 0.00	35.20 -0.87 0.00	34.68 -0.78 0.00	36.70 -0.60 0.00	39.55 -0.64 0.00	43.29 -0.79 0.00	45.72 -0.46 0.00	53.40 0.27 0.00	55.26 1.19 0.00	53.21 0.73 0.00	47.24 0.56 0.00	38.40 0.00 0.00	33.28 -0.10 0.00
BLDWN_LI_69_KV_BK4 356085	35.92 1.51 0.00	33.70 1.48 0.00	32.03 1.35 0.00	31.03 1.36 0.00	30.76 1.07 0.00	34.00 1.34 0.00	46.64 1.31 0.00	56.50 1.91 0.00	50.49 1.71 0.00	43.32 2.22 0.00	43.37 2.33 -0.09	38.97 2.24 -0.01	38.35 2.27 -0.01	38.55 2.27 -0.82	39.66 2.35 -0.01	49.14 2.61 -6.33	52.57 2.95 -5.53	52.45 3.00 -3.27	56.54 3.40 -0.01	57.63 3.14 -0.42	55.68 3.20 -0.01	49.44 2.75 -0.01	41.05 2.65 0.00	35.45 2.07 0.00
BLISS_WT_PWR 323608	32.34 -2.06 0.00	30.22 -2.00 0.00	28.38 -2.30 0.00	27.35 -2.31 0.00	27.05 -2.64 0.00	26.14 -2.94 3.58	30.34 -4.49 10.50	37.30 -4.91 12.38	31.16 -5.22 12.40	25.01 -3.74 12.35	25.09 -3.89 11.97	25.57 -3.60 7.55	24.97 -3.82 7.27	25.21 -3.97 6.28	24.57 -4.48 8.25	21.31 -5.11 13.79	21.89 -5.29 16.90	33.93 -5.82 6.43	35.23 -6.96 10.94	38.29 -6.87 8.91	32.41 -6.25 13.81	27.15 -5.60 13.92	29.43 -5.03 3.94	28.42 -4.84 0.12
BLUESTONE___WT_PWR 323821	35.09 0.69 0.00	32.86 0.64 0.00	31.17 0.49 0.00	30.08 0.42 0.00	30.11 0.42 0.00	33.07 0.46 0.05	46.00 0.82 0.15	55.41 0.98 0.17	49.39 0.78 0.17	41.63 0.53 0.00	41.48 0.53 0.00	37.12 0.40 0.00	36.39 0.32 0.00	35.69 0.32 0.09	37.49 0.33 0.14	40.32 0.36 0.24	44.32 0.53 0.29	47.28 1.11 0.00	54.62 1.49 0.00	55.85 1.78 0.00	59.25 1.57 -5.21	52.17 0.70 -4.79	39.39 0.42 -0.56	33.68 0.30 0.00
BLUE_CIRC_CHEM_DRP 24182	35.26 0.86 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.50 0.80 0.00	33.60 0.95 0.00	46.73 1.41 0.00	56.29 1.69 0.00	50.20 1.41 0.00	42.00 0.90 0.00	41.77 0.82 0.00	37.41 0.70 0.00	36.71 0.65 0.00	36.07 0.60 0.00	37.93 0.63 0.00	41.04 0.84 0.00	45.09 1.01 0.00	47.38 1.20 0.00	54.62 1.49 0.00	55.64 1.57 0.00	53.99 1.52 0.00	48.03 1.35 0.00	39.52 1.11 0.00	34.39 1.00 0.00
BOC_GAS_DRP 24189	34.92 0.52 0.00	32.73 0.52 0.00	31.17 0.49 0.00	30.17 0.50 0.00	30.20 0.50 0.00	33.28 0.62 0.00	46.19 0.86 0.00	55.68 1.09 0.00	49.66 0.88 0.00	41.71 0.62 0.00	41.56 0.61 0.00	37.30 0.59 0.00	36.64 0.58 0.00	36.00 0.53 0.00	37.86 0.56 0.00	40.84 0.64 0.00	44.87 0.79 0.00	47.10 0.92 0.00	54.25 1.12 0.00	55.15 1.08 0.00	53.52 1.05 0.00	47.66 0.98 0.00	39.17 0.77 0.00	34.08 0.70 0.00
BOONVILLE_115KV_TB1 79983	34.78 0.38 0.00	32.54 0.32 0.00	30.93 0.25 0.00	29.85 0.18 0.00	29.99 0.30 0.00	33.02 0.36 0.00	46.10 0.77 0.00	55.08 0.49 0.00	48.83 0.05 0.00	40.85 -0.25 0.00	40.66 -0.29 0.00	36.39 -0.33 0.00	35.70 -0.36 0.00	35.15 -0.32 0.00	37.04 -0.26 0.00	39.92 -0.28 0.00	43.77 -0.31 0.00	45.99 -0.18 0.00	53.24 0.11 0.00	54.45 0.38 0.00	52.68 0.21 0.00	46.82 0.14 0.00	38.37 -0.04 0.00	33.28 -0.10 0.00
BORALEX_4TH_BRANCH 23824	35.54 1.14 0.00	33.28 1.06 0.00	31.76 1.07 0.00	30.77 1.10 0.00	30.88 1.19 0.00	34.13 1.47 0.00	47.41 2.09 0.00	56.89 2.29 0.00	50.64 1.85 0.00	42.21 1.11 0.00	42.01 1.06 0.00	37.78 1.06 0.00	37.15 1.08 0.00	36.32 0.85 0.00	38.19 0.90 0.00	41.16 0.96 0.00	45.27 1.19 0.00	47.84 1.66 0.00	55.25 2.13 0.00	56.23 2.16 0.00	54.36 1.89 0.00	48.64 1.96 0.00	40.05 1.65 0.00	34.99 1.60 0.00
BOWLINE___1 23526	35.09 0.69 0.00	32.89 0.68 0.00	31.39 0.71 0.00	30.35 0.68 0.00	30.26 0.56 0.00	33.44 0.78 0.00	46.51 1.18 0.00	56.34 1.75 0.00	50.15 1.36 0.00	42.37 1.28 0.00	42.46 1.52 0.00	38.11 1.39 0.00	37.47 1.41 0.00	36.99 1.52 0.00	38.83 1.53 0.00	41.96 1.77 0.00	46.15 2.07 0.00	48.26 2.08 0.00	55.52 2.39 0.00	56.18 2.11 0.00	54.57 2.10 0.00	48.40 1.73 0.00	39.78 1.38 0.00	34.48 1.10 0.00
BOWLINE___2 23595	35.09 0.69 0.00	32.89 0.68 0.00	31.39 0.71 0.00	30.35 0.68 0.00	30.26 0.56 0.00	33.44 0.78 0.00	46.51 1.18 0.00	56.34 1.75 0.00	50.15 1.36 0.00	42.37 1.28 0.00	42.46 1.52 0.00	38.11 1.39 0.00	37.47 1.41 0.00	36.99 1.52 0.00	38.83 1.53 0.00	41.96 1.77 0.00	46.15 2.07 0.00	48.26 2.08 0.00	55.52 2.39 0.00	56.18 2.11 0.00	54.57 2.10 0.00	48.40 1.73 0.00	39.78 1.38 0.00	34.48 1.10 0.00
BRADY___115KV_TB2 356060	35.13 0.72 0.00	32.79 0.58 0.00	31.33 0.64 0.00	30.23 0.56 0.00	30.50 0.80 0.00	33.34 0.69 0.00	46.10 0.77 0.00	55.03 0.44 0.00	49.32 0.54 0.00	41.63 0.53 0.00	41.27 0.33 0.00	37.01 0.29 0.00	36.39 0.32 0.00	35.78 0.32 0.00	37.82 0.52 0.00	40.68 0.48 0.00	44.08 0.00 0.00	46.13 -0.05 0.00	53.08 -0.05 0.00	54.39 0.32 0.00	52.68 0.21 0.00	47.14 0.47 0.00	38.86 0.46 0.00	33.85 0.47 0.00
BRANSCOMB___SOLAR 323811	35.61 1.20 0.00	33.34 1.13 0.00	31.79 1.10 0.00	30.77 1.10 0.00	30.82 1.13 0.00	34.03 1.37 0.00	47.51 2.18 0.00	57.27 2.67 0.00	50.93 2.14 0.00	42.53 1.44 0.00	42.22 1.27 0.00	37.78 1.07 0.00	37.00 0.94 0.00	36.21 0.75 0.00	38.12 0.82 0.00	41.40 1.20 0.00	45.49 1.41 0.00	47.89 1.71 0.00	55.36 2.23 0.00	56.56 2.49 0.00	54.73 2.25 0.00	48.68 2.01 0.00	39.98 1.58 0.00	34.75 1.37 0.00
BRDGHMPT_69_KV_BK1 55812	36.74 2.34 0.00	34.57 2.35 0.00	32.83 2.15 0.00	31.89 2.23 0.00	31.54 1.84 0.00	34.55 1.89 0.00	47.41 2.09 0.00	57.21 2.62 0.00	51.32 2.54 0.00	44.47 3.37 0.00	44.91 3.89 -0.07	40.18 3.45 -0.01	39.39 3.32 -0.01	39.65 3.51 -0.68	40.89 3.58 -0.01	49.52 4.06 -5.27	52.88 4.36 -4.43	53.13 4.39 -2.57	57.92 4.78 -0.01	59.27 4.87 -0.33	57.04 4.56 -0.01	51.17 4.48 -0.01	42.36 3.96 0.00	36.45 3.07 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	36.26 1.86 0.00	33.99 1.77 0.00	32.31 1.63 0.00	31.30 1.63 0.00	31.00 1.31 0.00	34.19 1.53 0.00	46.92 1.59 0.00	56.78 2.18 0.00	50.78 2.00 0.00	43.77 2.67 0.00	44.01 2.99 -0.07	39.41 2.68 -0.01	38.74 2.67 -0.01	38.95 2.80 -0.68	40.14 2.83 -0.01	48.82 3.30 -5.33	52.19 3.61 -4.49	52.47 3.69 -2.60	57.02 3.88 -0.01	58.25 3.84 -0.34	56.15 3.67 -0.01	50.19 3.50 -0.01	41.55 3.15 0.00	35.79 2.40 0.00
BRISTLHL_115KV_TB1 79998	33.65 -0.76 0.00	31.51 -0.71 0.00	29.98 -0.71 0.00	28.99 -0.68 0.00	29.04 -0.65 0.00	31.87 -0.78 0.00	44.33 -1.00 0.00	53.34 -1.26 0.00	47.66 -1.12 0.00	40.23 -0.86 0.00	40.09 -0.86 0.00	35.91 -0.81 0.00	35.23 -0.83 0.00	34.65 -0.82 0.00	36.40 -0.90 0.00	39.19 -1.00 0.00	43.07 -1.01 0.00	45.07 -1.11 0.00	51.96 -1.17 0.00	53.10 -0.97 0.00	51.42 -1.05 0.00	45.70 -0.98 0.00	37.56 -0.84 0.00	32.58 -0.80 0.00
BROOKHAVEN__DRP 24191	36.09 1.69 0.00	33.95 1.74 0.00	32.25 1.56 0.00	31.30 1.63 0.00	31.00 1.31 0.00	34.00 1.34 0.00	46.51 1.18 0.00	56.18 1.58 0.00	50.34 1.56 0.00	43.61 2.51 0.00	44.01 2.99 -0.07	39.41 2.68 -0.01	38.71 2.63 -0.01	38.94 2.80 -0.68	40.14 2.83 -0.01	48.72 3.26 -5.27	51.95 3.44 -4.43	52.16 3.42 -2.56	56.75 3.61 -0.01	58.02 3.62 -0.33	55.89 3.41 -0.01	50.19 3.50 -0.01	41.59 3.19 0.00	35.85 2.47 0.00
BROOKLYN_NAVY_YARD 23515	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.62 0.95 0.00	30.46 0.77 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.99 1.89 0.00	43.08 2.13 0.00	38.70 1.98 0.00	38.05 1.98 0.00	37.56 2.09 0.00	39.42 2.12 0.00	42.69 2.49 0.00	46.94 2.86 0.00	49.00 2.82 0.00	56.26 3.13 0.00	56.88 2.81 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.32 1.92 0.00	34.92 1.54 0.00
BROOKLYN__ARMY_DRP 323595	35.61 1.20 0.00	33.31 1.10 0.00	31.95 1.26 -0.01	30.91 1.25 0.00	30.70 1.01 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.83 2.24 0.00	50.73 1.95 0.00	43.01 1.93 0.01	43.10 2.17 0.01	39.05 2.35 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.36 2.89 0.00	49.06 2.38 0.00	40.52 2.11 0.00	35.02 1.64 0.00
BROOME_2_LFGE 323671	34.09 -0.31 0.00	31.92 -0.29 0.00	30.28 -0.40 0.00	29.28 -0.39 0.00	29.28 -0.42 0.00	31.46 -0.46 0.74	42.59 -0.59 2.15	51.35 -0.71 2.53	45.51 -0.73 2.54	38.13 -0.41 2.55	38.10 -0.37 2.47	34.75 -0.40 1.56	34.79 -0.43 0.84	33.71 -0.46 1.29	35.05 -0.56 1.69	36.77 -0.60 2.83	40.08 -0.53 3.47	45.53 -0.65 0.00	51.89 -0.69 0.54	52.22 -0.54 1.31	65.67 -0.58 -13.78	58.80 -0.56 -12.68	39.39 -0.50 -1.48	32.83 -0.54 0.02
BROOME__LFGE 323600	34.09 -0.31 0.00	31.92 -0.29 0.00	30.28 -0.40 0.00	29.28 -0.39 0.00	29.28 -0.42 0.00	31.46 -0.46 0.74	42.59 -0.59 2.15	51.35 -0.71 2.53	45.51 -0.73 2.54	38.13 -0.41 2.55	38.10 -0.37 2.47	34.75 -0.40 1.56	34.79 -0.43 0.84	33.71 -0.46 1.29	35.05 -0.56 1.69	36.77 -0.60 2.83	40.08 -0.53 3.47	45.53 -0.65 0.00	51.89 -0.69 0.54	52.22 -0.54 1.31	65.67 -0.58 -13.78	58.80 -0.56 -12.68	39.39 -0.50 -1.48	32.83 -0.54 0.02
BROWNFLS_115KV_TB 3_5 80003	34.37 -0.03 0.00	32.12 -0.10 0.00	30.59 -0.09 0.00	29.52 -0.15 0.00	29.75 0.06 0.00	32.66 0.00 0.00	45.42 0.09 0.00	54.05 -0.55 0.00	48.00 -0.78 0.00	40.28 -0.82 0.00	39.96 -0.98 0.00	35.76 -0.95 0.00	35.09 -0.97 0.00	34.58 -0.89 0.00	36.51 -0.78 0.00	39.27 -0.92 0.00	42.63 -1.45 0.00	44.79 -1.39 0.00	51.75 -1.38 0.00	53.15 -0.92 0.00	51.32 -1.15 0.00	45.93 -0.75 0.00	37.71 -0.69 0.00	32.78 -0.60 0.00
BROWNSV1_27_KV_LOAD 356125	35.64 1.24 0.00	33.44 1.22 0.00	31.88 1.20 0.00	30.85 1.19 0.00	30.67 0.98 0.00	33.93 1.27 0.00	47.28 1.95 0.00	57.27 2.68 0.00	51.08 2.29 0.00	43.32 2.22 0.00	43.36 2.42 0.00	38.92 2.20 0.00	38.30 2.24 0.00	37.80 2.34 0.00	39.68 2.39 0.00	42.93 2.73 0.00	47.25 3.17 0.00	49.36 3.19 0.00	56.53 3.40 0.00	57.26 3.19 0.00	55.62 3.15 0.00	49.34 2.66 0.00	40.59 2.19 0.00	35.12 1.74 0.00
BURROWS__LYONSDAL 23803	34.68 0.28 0.00	32.44 0.23 0.00	30.84 0.15 0.00	29.79 0.12 0.00	29.93 0.24 0.00	32.95 0.29 0.00	46.01 0.68 0.00	54.81 0.22 0.00	48.44 -0.34 0.00	40.44 -0.66 0.00	40.25 -0.70 0.00	36.02 -0.70 0.00	35.31 -0.76 0.00	34.79 -0.67 0.00	36.66 -0.63 0.00	39.51 -0.68 0.00	43.33 -0.75 0.00	45.58 -0.60 0.00	52.76 -0.37 0.00	54.07 0.00 0.00	52.26 -0.21 0.00	46.49 -0.19 0.00	38.06 -0.35 0.00	33.02 -0.37 0.00
CAITHNESS_CC_1 323624	36.02 1.62 0.00	33.86 1.64 0.00	32.19 1.50 0.00	31.06 1.39 0.00	30.94 1.25 0.00	33.93 1.27 0.00	46.46 1.13 0.00	56.23 1.64 0.00	50.30 1.51 0.00	43.19 2.09 0.00	43.88 2.87 -0.07	39.33 2.61 -0.01	38.63 2.56 -0.01	38.87 2.73 -0.68	40.07 2.76 -0.01	48.60 3.14 -5.27	51.86 3.35 -4.43	52.02 3.28 -2.56	56.70 3.56 -0.01	57.91 3.51 -0.33	55.79 3.31 -0.01	50.09 3.41 -0.01	41.48 3.07 0.00	35.75 2.37 0.00
CALPINE BETH_PAGE_GT4 24209	35.92 1.51 0.00	33.66 1.45 0.00	32.00 1.32 0.00	31.00 1.34 0.00	30.73 1.04 0.00	33.93 1.27 0.00	46.51 1.18 0.00	56.34 1.75 0.00	50.34 1.56 0.00	43.24 2.14 0.00	43.36 2.33 -0.08	38.89 2.17 -0.01	38.35 2.27 -0.01	38.67 2.41 -0.79	39.73 2.42 -0.01	49.00 2.65 -6.15	52.38 2.95 -5.35	52.34 3.05 -3.11	56.33 3.19 -0.01	57.55 3.08 -0.40	55.47 2.99 -0.01	49.39 2.71 -0.01	41.05 2.65 0.00	35.49 2.10 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.91 1.51 0.00	33.67 1.45 0.00	32.00 1.32 0.00	30.88 1.22 0.00	30.73 1.04 0.00	33.93 1.27 0.00	46.51 1.18 0.00	56.39 1.80 0.00	50.34 1.56 0.00	43.07 1.97 0.00	43.36 2.33 -0.08	38.89 2.17 -0.01	38.35 2.27 -0.01	38.67 2.41 -0.79	39.73 2.42 -0.01	49.00 2.65 -6.15	52.38 2.95 -5.35	52.29 3.00 -3.11	56.44 3.30 -0.01	57.55 3.08 -0.40	55.47 2.99 -0.01	49.44 2.75 -0.01	41.05 2.65 0.00	35.49 2.10 0.00
CALPINE_BP_GT1 23823	35.91 1.51 0.00	33.67 1.45 0.00	32.00 1.32 0.00	30.88 1.22 0.00	30.73 1.04 0.00	33.93 1.27 0.00	46.51 1.18 0.00	56.39 1.80 0.00	50.34 1.56 0.00	43.07 1.97 0.00	43.36 2.33 -0.08	38.89 2.17 -0.01	38.35 2.27 -0.01	38.67 2.41 -0.79	39.73 2.42 -0.01	49.00 2.65 -6.15	52.38 2.95 -5.35	52.29 3.00 -3.11	56.44 3.30 -0.01	57.55 3.08 -0.40	55.47 2.99 -0.01	49.44 2.75 -0.01	41.05 2.65 0.00	35.49 2.10 0.00
CALSPAN__DRP 24200	31.72 -2.68 0.00	29.64 -2.58 0.00	27.86 -2.82 0.00	26.85 -2.82 0.00	26.81 -2.88 0.00	25.53 -3.30 3.83	29.25 -4.85 11.23	35.78 -5.57 13.24	30.55 -4.98 13.26	24.27 -3.66 13.17	24.54 -3.64 12.76	25.39 -3.27 8.05	24.75 -3.32 8.00	25.31 -3.44 6.72	24.74 -3.73 8.83	21.14 -4.30 14.75	21.55 -4.45 18.08	33.44 -5.36 7.38	34.63 -6.16 12.34	38.35 -6.00 9.72	33.79 -5.82 12.86	28.09 -5.37 13.22	29.75 -4.45 4.20	29.21 -4.04 0.14

CALVERTON___SOLAR 323806	36.19 1.79 0.00	34.02 1.80 0.00	32.34 1.66 0.00	31.18 1.51 0.00	31.09 1.40 0.00	34.03 1.37 0.00	46.65 1.32 0.00	56.39 1.80 0.00	50.44 1.66 0.00	43.36 2.26 0.00	44.13 3.11 -0.07	39.51 2.79 -0.01	38.78 2.71 -0.01	39.05 2.91 -0.68	40.25 2.95 -0.01	48.84 3.38 -5.27	52.08 3.57 -4.43	52.25 3.51 -2.56	57.01 3.88 -0.01	58.19 3.78 -0.33	56.05 3.57 -0.01	50.37 3.69 -0.01	41.71 3.30 0.00	35.95 2.57 0.00
CANDIGU_WT_PWR 323617	32.75 -1.65 0.00	30.57 -1.64 0.00	28.84 -1.84 0.00	27.83 -1.84 0.00	27.76 -1.93 0.00	23.21 -2.29 7.16	21.09 -3.54 20.70	25.83 -4.31 24.45	20.25 -4.05 24.49	11.12 -3.00 26.98	11.77 -3.03 26.15	17.36 -2.86 16.49	9.38 -2.96 23.73	20.03 -3.05 12.39	17.99 -3.32 15.99	9.66 -3.82 26.72	7.40 -3.92 32.75	9.66 -4.34 32.18	7.00 -4.78 41.35	37.12 -4.54 12.41	26.20 -4.30 21.97	16.39 -4.01 26.27	20.38 -3.38 14.64	30.03 -3.14 0.21
CARR STREET_E_SYP 24060	33.99 -0.41 0.00	31.83 -0.39 0.00	30.28 -0.40 0.00	29.28 -0.39 0.00	29.31 -0.39 0.00	32.20 -0.46 0.00	44.74 -0.59 0.00	53.88 -0.71 0.00	48.20 -0.58 0.00	40.77 -0.33 0.00	40.62 -0.33 0.00	36.38 -0.33 0.00	35.70 -0.36 0.00	35.11 -0.35 0.00	36.92 -0.37 0.00	39.72 -0.48 0.00	43.60 -0.48 0.00	45.58 -0.60 0.00	52.49 -0.64 0.00	53.53 -0.54 0.00	51.89 -0.58 0.00	46.12 -0.56 0.00	37.94 -0.46 0.00	32.92 -0.47 0.00
CARTHAGE___PAPER 23857	34.61 0.21 0.00	32.34 0.13 0.00	30.71 0.03 0.00	29.64 -0.03 0.00	29.90 0.21 0.00	32.92 0.26 0.00	46.15 0.82 0.00	54.76 0.16 0.00	48.34 -0.44 0.00	40.23 -0.86 0.00	39.96 -0.98 0.00	35.69 -1.03 0.00	34.95 -1.12 0.00	34.43 -1.03 0.00	36.40 -0.90 0.00	39.23 -0.97 0.00	42.89 -1.19 0.00	45.26 -0.92 0.00	52.70 -0.43 0.00	54.34 0.27 0.00	52.42 -0.05 0.00	46.63 -0.05 0.00	38.02 -0.38 0.00	32.98 -0.40 0.00
CASSADAGA_WT_PWR 323784	31.96 -2.44 0.00	29.73 -2.48 0.00	27.80 -2.89 0.00	26.76 -2.91 0.00	26.49 -3.21 0.00	25.29 -3.66 3.71	29.15 -5.30 10.87	35.76 -6.01 12.82	30.23 -5.71 12.84	23.93 -4.31 12.85	24.15 -4.34 12.45	25.04 -3.82 7.86	24.41 -3.97 7.69	24.77 -4.19 6.51	24.10 -4.66 8.53	20.71 -5.22 14.26	21.13 -5.47 17.48	32.88 -6.32 6.98	34.25 -7.23 11.65	38.16 -6.76 9.15	31.92 -6.93 13.62	26.34 -6.49 13.85	28.71 -5.57 4.13	28.35 -4.91 0.13
CE_DUNWOOD___DRP 24194	35.30 0.89 0.00	33.08 0.87 0.00	31.57 0.89 0.00	30.56 0.89 0.00	30.41 0.71 0.00	33.64 0.98 0.00	46.78 1.45 0.00	56.61 2.02 0.00	50.49 1.71 0.00	42.74 1.64 0.00	42.79 1.84 0.00	38.40 1.69 0.00	37.76 1.70 0.00	37.27 1.81 0.00	39.12 1.83 0.00	42.33 2.13 0.00	46.55 2.47 0.00	48.72 2.54 0.00	55.84 2.71 0.00	56.61 2.54 0.00	54.99 2.52 0.00	48.73 2.05 0.00	40.09 1.69 0.00	34.72 1.34 0.00
CE_MILLWOOD___DRP 24193	35.23 0.83 0.00	33.02 0.81 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.38 0.68 0.00	33.57 0.91 0.00	46.69 1.36 0.00	56.50 1.91 0.00	50.39 1.61 0.00	42.62 1.52 0.00	42.67 1.72 0.00	38.29 1.58 0.00	37.65 1.59 0.00	37.17 1.70 0.00	39.01 1.72 0.00	42.21 2.01 0.00	46.42 2.34 0.00	48.58 2.40 0.00	55.68 2.55 0.00	56.45 2.38 0.00	54.83 2.36 0.00	48.64 1.96 0.00	39.98 1.57 0.00	34.65 1.27 0.00
CE_NYC2_DRP 24202	35.57 1.17 0.00	33.34 1.13 0.00	31.89 1.20 -0.01	30.85 1.19 0.00	30.67 0.98 0.00	33.77 1.11 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.78 2.00 0.00	43.12 2.01 -0.01	43.17 2.21 -0.01	38.90 2.17 -0.01	38.24 2.16 -0.01	37.71 2.23 -0.01	39.51 2.20 -0.01	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.44 2.04 0.00	34.99 1.60 0.00
CE_NYC_DRP 24195	35.43 1.03 0.00	33.21 1.00 0.00	31.70 1.01 0.00	30.68 1.01 0.00	30.53 0.83 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.78 2.00 0.00	43.03 1.93 0.00	43.08 2.13 0.00	38.70 1.98 0.00	38.05 1.98 0.00	37.59 2.13 0.00	39.42 2.13 0.00	42.69 2.49 0.00	46.95 2.87 0.00	49.04 2.86 0.00	56.21 3.08 0.00	56.88 2.81 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.32 1.92 0.00	34.92 1.54 0.00
CHAFFEE___LFGE 323603	31.86 -2.55 0.00	29.76 -2.45 0.00	28.01 -2.67 0.00	27.06 -2.61 0.00	26.99 -2.70 0.00	25.84 -3.10 3.71	29.87 -4.58 10.89	36.73 -5.02 12.84	31.39 -4.54 12.86	24.98 -3.33 12.78	25.24 -3.32 12.39	25.92 -2.97 7.82	25.38 -3.03 7.66	25.72 -3.23 6.52	25.27 -3.47 8.56	21.88 -4.02 14.30	22.36 -4.19 17.53	34.25 -4.99 6.94	35.66 -5.79 11.68	39.22 -5.52 9.34	33.81 -5.35 13.31	28.13 -4.99 13.55	30.14 -4.18 4.08	29.45 -3.81 0.13
CHATEAUG_35_KV_LOAD 355732	34.61 0.21 0.00	32.31 0.10 0.00	30.84 0.15 0.00	29.79 0.12 0.00	29.96 0.27 0.00	32.72 0.07 0.00	45.01 -0.32 0.00	53.83 -0.76 0.00	48.44 -0.34 0.00	40.97 -0.12 0.00	40.70 -0.25 0.00	36.53 -0.18 0.00	35.92 -0.14 0.00	35.32 -0.14 0.00	37.30 0.00 0.00	40.24 0.04 0.00	43.86 -0.22 0.00	45.76 -0.42 0.00	52.28 -0.85 0.00	53.31 -0.76 0.00	51.68 -0.79 0.00	46.21 -0.47 0.00	37.98 -0.42 0.00	32.98 -0.40 0.00
CHATEAUG_WT_PWR 323614	34.54 0.14 0.00	32.28 0.06 0.00	30.81 0.12 0.00	29.76 0.09 0.00	29.90 0.21 0.00	32.69 0.03 0.00	44.97 -0.36 0.00	53.78 -0.82 0.00	48.44 -0.34 0.00	40.97 -0.12 0.00	40.70 -0.24 0.00	36.50 -0.22 0.00	35.88 -0.18 0.00	35.32 -0.14 0.00	37.30 0.00 0.00	40.20 0.00 0.00	43.82 -0.26 0.00	45.72 -0.46 0.00	52.33 -0.80 0.00	53.20 -0.87 0.00	51.58 -0.89 0.00	46.12 -0.56 0.00	37.90 -0.50 0.00	32.95 -0.43 0.00
CHAT_HIGH_FALL_HYD 323578	34.61 0.21 0.00	32.31 0.10 0.00	30.84 0.15 0.00	29.79 0.12 0.00	29.96 0.27 0.00	32.72 0.07 0.00	45.01 -0.32 0.00	53.83 -0.76 0.00	48.44 -0.34 0.00	40.97 -0.12 0.00	40.70 -0.25 0.00	36.53 -0.18 0.00	35.92 -0.14 0.00	35.32 -0.14 0.00	37.30 0.00 0.00	40.24 0.04 0.00	43.86 -0.22 0.00	45.76 -0.42 0.00	52.28 -0.85 0.00	53.31 -0.76 0.00	51.68 -0.79 0.00	46.21 -0.47 0.00	37.98 -0.42 0.00	32.98 -0.40 0.00
CHAUTAUQUA___LFGE 323629	31.93 -2.48 0.00	29.73 -2.48 0.00	27.89 -2.79 0.00	26.91 -2.76 0.00	26.75 -2.94 0.00	25.50 -3.36 3.80	29.31 -4.90 11.13	35.90 -5.57 13.12	30.52 -5.12 13.14	24.07 -3.86 13.16	24.34 -3.85 12.75	25.21 -3.45 8.05	24.57 -3.53 7.96	25.12 -3.69 6.66	24.54 -4.03 8.73	21.02 -4.58 14.59	21.39 -4.80 17.89	33.22 -5.64 7.33	34.50 -6.48 12.14	38.57 -6.11 9.39	33.01 -6.09 13.38	27.29 -5.70 13.69	29.37 -4.80 4.23	28.98 -4.27 0.13
CHERRYST_13_KV_LD 356241	35.50 1.10 0.00	33.28 1.06 0.00	31.76 1.07 0.00	30.74 1.07 0.00	30.58 0.89 0.00	33.83 1.18 0.00	47.14 1.81 0.00	57.10 2.51 0.00	50.93 2.15 0.00	43.19 2.10 0.00	43.24 2.29 0.00	38.81 2.09 0.00	38.19 2.13 0.00	37.70 2.23 0.00	39.57 2.28 0.00	42.81 2.61 0.00	47.08 3.00 0.00	49.18 3.00 0.00	56.37 3.24 0.00	57.04 2.97 0.00	55.41 2.94 0.00	49.10 2.43 0.00	40.44 2.04 0.00	34.99 1.60 0.00

CHESTROR_138KV_BK263 355645	34.99 0.58 0.00	32.79 0.58 0.00	31.27 0.58 0.00	30.26 0.59 0.00	30.17 0.48 0.00	33.34 0.69 0.00	46.33 1.00 0.00	56.01 1.42 0.00	49.90 1.12 0.00	42.12 1.03 0.00	42.09 1.15 0.00	37.78 1.06 0.00	37.15 1.08 0.00	36.67 1.21 0.00	38.49 1.19 0.00	41.56 1.37 0.00	45.76 1.68 0.00	47.89 1.71 0.00	54.99 1.86 0.00	55.80 1.73 0.00	54.20 1.73 0.00	48.08 1.40 0.00	39.52 1.11 0.00	34.28 0.90 0.00
CH_MIDHUDSON__DRP 24192	35.26 0.86 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.38 0.68 0.00	33.60 0.95 0.00	46.64 1.31 0.00	56.50 1.91 0.00	50.25 1.46 0.00	42.37 1.27 0.00	42.34 1.39 0.00	38.00 1.29 0.00	37.33 1.26 0.00	36.85 1.38 0.00	38.71 1.42 0.00	41.80 1.61 0.00	46.02 1.94 0.00	48.21 2.03 0.00	55.36 2.23 0.00	56.18 2.11 0.00	54.57 2.10 0.00	48.45 1.77 0.00	39.79 1.38 0.00	34.55 1.17 0.00
CH_MISC_IPPS 23765	35.36 0.96 0.00	33.15 0.93 0.00	31.64 0.95 0.00	30.56 0.89 0.00	30.46 0.77 0.00	33.70 1.04 0.00	46.82 1.49 0.00	56.72 2.13 0.00	50.39 1.61 0.00	42.45 1.35 0.00	42.42 1.47 0.00	38.07 1.36 0.00	37.40 1.34 0.00	36.95 1.49 0.00	38.83 1.53 0.00	41.92 1.73 0.00	46.15 2.07 0.00	48.30 2.13 0.00	55.63 2.50 0.00	56.39 2.32 0.00	54.83 2.36 0.00	48.59 1.91 0.00	39.86 1.46 0.00	34.62 1.24 0.00
CH_RES_BVR_FALLS 23983	34.40 0.00 0.00	32.18 -0.03 0.00	30.68 0.00 0.00	29.64 -0.03 0.00	29.69 0.00 0.00	32.46 -0.19 0.00	45.06 -0.27 0.00	54.38 -0.22 0.00	48.64 -0.15 0.00	41.01 -0.08 0.00	40.86 -0.08 0.00	36.64 -0.07 0.00	35.99 -0.07 0.00	35.39 -0.07 0.00	37.26 -0.04 0.00	39.96 -0.24 0.00	43.64 -0.44 0.00	45.72 -0.46 0.00	52.55 -0.58 0.00	53.42 -0.65 0.00	51.84 -0.63 0.00	46.30 -0.38 0.00	38.25 -0.15 0.00	33.28 -0.10 0.00
CH_RES_NIAGARA 23895	31.00 -3.41 0.00	28.57 -3.64 0.00	26.88 -3.80 0.00	25.90 -3.77 0.00	26.25 -3.44 0.00	24.69 -4.41 3.56	28.73 -6.07 10.52	34.98 -7.21 12.41	30.11 -6.24 12.43	24.09 -5.18 11.83	24.40 -5.08 11.47	24.89 -4.59 7.23	24.89 -4.26 6.92	24.84 -4.33 6.29	24.63 -4.33 8.34	21.16 -5.11 13.93	21.58 -5.42 17.08	33.59 -6.65 5.94	34.60 -7.65 10.88	36.40 -7.57 10.10	33.69 -7.29 11.48	28.41 -6.58 11.68	29.49 -5.41 3.50	28.24 -5.01 0.13
CH_RES_SYRACUSE 23985	34.16 -0.24 0.00	31.99 -0.22 0.00	30.44 -0.25 0.00	29.43 -0.24 0.00	29.46 -0.24 0.00	32.36 -0.29 0.00	44.97 -0.36 0.00	54.10 -0.49 0.00	48.39 -0.39 0.00	40.93 -0.16 0.00	40.78 -0.16 0.00	36.50 -0.22 0.00	35.85 -0.22 0.00	35.22 -0.25 0.00	37.04 -0.26 0.00	39.83 -0.36 0.00	43.77 -0.31 0.00	45.81 -0.37 0.00	52.70 -0.43 0.00	53.80 -0.27 0.00	52.16 -0.31 0.00	46.35 -0.32 0.00	38.14 -0.27 0.00	33.08 -0.30 0.00
CLINTON_WT_PWR 323605	34.54 0.14 0.00	32.28 0.06 0.00	30.81 0.12 0.00	29.76 0.09 0.00	29.90 0.21 0.00	32.69 0.03 0.00	44.97 -0.36 0.00	53.78 -0.82 0.00	48.44 -0.34 0.00	40.97 -0.12 0.00	40.70 -0.24 0.00	36.50 -0.22 0.00	35.88 -0.18 0.00	35.32 -0.14 0.00	37.30 0.00 0.00	40.20 0.00 0.00	43.82 -0.26 0.00	45.72 -0.46 0.00	52.33 -0.80 0.00	53.20 -0.87 0.00	51.58 -0.89 0.00	46.12 -0.56 0.00	37.90 -0.50 0.00	32.95 -0.43 0.00
CLINTON__LFGE 323618	34.99 0.58 0.00	32.67 0.45 0.00	31.20 0.52 0.00	30.14 0.47 0.00	30.35 0.65 0.00	33.18 0.52 0.00	45.47 0.14 0.00	54.21 -0.38 0.00	48.98 0.20 0.00	41.51 0.41 0.00	41.15 0.21 0.00	36.90 0.18 0.00	36.28 0.22 0.00	35.68 0.21 0.00	37.67 0.37 0.00	40.68 0.48 0.00	44.26 0.18 0.00	46.18 0.00 0.00	52.76 -0.37 0.00	53.75 -0.32 0.00	52.11 -0.36 0.00	46.77 0.09 0.00	38.44 0.04 0.00	33.38 0.00 0.00
COBBLENY_34_KV_TB1 80064	31.86 -2.55 0.00	29.77 -2.45 0.00	28.01 -2.67 0.00	26.97 -2.70 0.00	26.96 -2.73 0.00	25.84 -3.10 3.71	29.87 -4.58 10.89	36.62 -5.13 12.84	31.24 -4.68 12.86	24.94 -3.37 12.78	25.20 -3.36 12.39	25.89 -3.01 7.82	25.34 -3.07 7.66	25.76 -3.19 6.51	25.27 -3.47 8.56	21.88 -4.02 14.30	22.41 -4.14 17.53	34.25 -4.99 6.94	35.76 -5.68 11.68	39.22 -5.52 9.34	33.81 -5.35 13.31	28.13 -4.99 13.55	30.14 -4.19 4.08	29.45 -3.81 0.13
COFFEEN__115KV_TB3 355620	34.85 0.45 0.00	32.57 0.35 0.00	30.87 0.18 0.00	29.76 0.09 0.00	30.08 0.39 0.00	33.11 0.46 0.00	46.60 1.27 0.00	55.36 0.76 0.00	48.93 0.15 0.00	40.64 -0.45 0.00	40.37 -0.57 0.00	36.02 -0.70 0.00	35.23 -0.83 0.00	34.76 -0.71 0.00	36.74 -0.56 0.00	39.63 -0.56 0.00	43.38 -0.71 0.00	45.86 -0.32 0.00	53.61 0.48 0.00	55.53 1.46 0.00	53.47 1.00 0.00	47.42 0.75 0.00	38.56 0.15 0.00	33.38 0.00 0.00
COLDSPRG_115KV_BK1 355956	32.48 -1.93 0.00	30.31 -1.90 0.00	28.44 -2.24 0.00	27.35 -2.31 0.00	27.23 -2.46 0.00	26.44 -2.65 3.57	31.05 -3.81 10.47	37.88 -4.37 12.35	32.27 -4.15 12.37	26.03 -2.71 12.36	26.18 -2.78 11.98	26.73 -2.42 7.56	26.24 -2.56 7.27	26.36 -2.84 6.26	25.76 -3.32 8.22	22.72 -3.74 13.74	23.54 -3.70 16.84	35.32 -4.43 6.43	37.26 -4.99 10.88	40.63 -4.65 8.79	33.73 -4.72 14.02	28.04 -4.53 14.11	30.56 -3.88 3.96	29.69 -3.57 0.12
COLONIE_LFGE__ 323577	35.30 0.89 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.58 0.89 0.00	33.73 1.08 0.00	46.96 1.63 0.00	56.50 1.91 0.00	50.30 1.51 0.00	42.08 0.98 0.00	41.89 0.94 0.00	37.56 0.85 0.00	36.89 0.83 0.00	36.14 0.67 0.00	38.00 0.71 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.56 1.38 0.00	54.83 1.70 0.00	55.91 1.84 0.00	54.10 1.63 0.00	48.21 1.54 0.00	39.67 1.27 0.00	34.55 1.17 0.00
COOPERNY_115KV_TB1 80082	34.82 0.41 0.00	32.60 0.39 0.00	31.08 0.40 0.00	30.08 0.42 0.00	30.02 0.33 0.00	33.15 0.49 0.00	46.05 0.73 0.00	55.63 1.04 0.00	49.61 0.83 0.00	41.84 0.74 0.00	41.81 0.86 0.00	37.52 0.81 0.00	36.86 0.79 0.00	36.35 0.89 0.00	38.19 0.90 0.00	41.20 1.00 0.00	45.31 1.23 0.00	47.47 1.29 0.00	54.56 1.43 0.00	55.37 1.30 0.00	53.78 1.31 0.00	47.70 1.03 0.00	39.21 0.81 0.00	34.05 0.67 0.00
COPENHAGEN_WT_PWR 323753	34.68 0.27 0.00	32.41 0.19 0.00	30.75 0.06 0.00	29.64 -0.03 0.00	29.93 0.24 0.00	32.95 0.29 0.00	46.28 0.95 0.00	55.03 0.43 0.00	48.69 -0.10 0.00	40.52 -0.58 0.00	40.25 -0.70 0.00	35.94 -0.77 0.00	35.20 -0.87 0.00	34.68 -0.78 0.00	36.66 -0.63 0.00	39.51 -0.68 0.00	43.24 -0.84 0.00	45.67 -0.51 0.00	53.29 0.16 0.00	55.09 1.02 0.00	53.10 0.63 0.00	47.14 0.47 0.00	38.37 -0.04 0.00	33.22 -0.17 0.00
CORNELL____ 23752	34.64 0.24 0.00	32.41 0.19 0.00	30.78 0.09 0.00	29.73 0.06 0.00	29.78 0.09 0.00	33.16 0.07 -0.44	46.80 0.23 -1.24	56.22 0.16 -1.47	50.35 0.10 -1.47	43.20 0.21 -1.89	42.90 0.12 -1.83	37.87 0.00 -1.16	37.64 -0.07 -1.65	36.09 -0.11 -0.74	38.10 -0.11 -0.91	41.56 -0.16 -1.53	45.96 0.00 -1.88	48.50 0.00 -2.32	56.27 0.27 -2.88	55.24 0.54 -0.63	45.63 0.37 7.21	40.71 0.23 6.19	38.67 0.15 -0.11	33.40 0.00 -0.01

CORONA AV_69 KV_TB1 355595	35.85 1.44 0.00	33.63 1.42 0.00	32.00 1.32 0.00	30.97 1.31 0.00	30.73 1.04 0.00	33.96 1.31 0.00	46.78 1.45 0.00	56.61 2.02 0.00	50.59 1.80 0.00	43.32 2.22 0.00	43.42 2.33 -0.14	38.94 2.20 -0.02	38.28 2.20 -0.02	39.01 2.27 -1.28	39.63 2.31 -0.02	52.68 2.61 -9.87	56.13 2.95 -9.10	54.45 3.00 -5.27	56.49 3.35 -0.02	57.83 3.08 -0.68	55.64 3.15 -0.02	49.35 2.66 -0.02	40.90 2.50 0.00	35.35 1.97 0.00
CORTLAND_115KV_TB3 80093	34.44 0.03 0.00	32.21 0.00 0.00	30.59 -0.09 0.00	29.58 -0.09 0.00	29.63 -0.06 0.00	32.56 -0.10 0.00	45.33 0.00 0.00	54.54 -0.05 0.00	48.68 -0.10 0.00	41.10 0.00 0.00	40.95 0.00 0.00	36.64 -0.07 0.00	35.92 -0.14 0.00	35.32 -0.14 0.00	37.11 -0.19 0.00	40.00 -0.20 0.00	43.95 -0.13 0.00	46.04 -0.14 0.00	53.13 0.00 0.00	54.23 0.16 0.00	52.58 0.10 0.00	46.68 0.00 0.00	38.37 -0.04 0.00	33.25 -0.13 0.00
COXSACKIE__GT 23611	36.19 1.79 0.00	33.95 1.74 0.00	32.37 1.69 0.00	31.27 1.60 0.00	31.24 1.54 0.00	34.55 1.89 0.00	48.00 2.67 0.00	57.98 3.39 0.00	51.32 2.54 0.00	42.53 1.44 0.00	42.05 1.11 0.00	37.49 0.77 0.00	36.75 0.68 0.00	36.24 0.78 0.00	38.19 0.89 0.00	41.24 1.04 0.00	45.53 1.45 0.00	47.98 1.80 0.00	55.63 2.50 0.00	56.83 2.76 0.00	55.30 2.83 0.00	49.10 2.43 0.00	40.17 1.77 0.00	34.99 1.60 0.00
CPV_VALLEY__CC1 323721	34.78 0.38 0.00	32.60 0.39 0.00	31.08 0.40 0.00	30.05 0.38 0.00	29.99 0.30 0.00	33.15 0.49 0.00	46.01 0.68 0.00	55.68 1.09 0.00	49.56 0.78 0.00	41.84 0.74 0.00	41.85 0.90 0.00	37.60 0.88 0.00	36.97 0.90 0.00	36.46 0.99 0.00	38.26 0.97 0.00	41.32 1.12 0.00	45.45 1.37 0.00	47.56 1.38 0.00	54.67 1.54 0.00	55.42 1.35 0.00	53.83 1.36 0.00	47.79 1.12 0.00	39.29 0.88 0.00	34.09 0.70 0.00
CPV_VALLEY__CC2 323722	34.78 0.38 0.00	32.60 0.39 0.00	31.08 0.40 0.00	30.05 0.38 0.00	29.99 0.30 0.00	33.15 0.49 0.00	46.01 0.68 0.00	55.68 1.09 0.00	49.56 0.78 0.00	41.84 0.74 0.00	41.85 0.90 0.00	37.60 0.88 0.00	36.97 0.90 0.00	36.46 0.99 0.00	38.26 0.97 0.00	41.32 1.12 0.00	45.45 1.37 0.00	47.56 1.38 0.00	54.67 1.54 0.00	55.42 1.35 0.00	53.83 1.36 0.00	47.79 1.12 0.00	39.29 0.88 0.00	34.09 0.70 0.00
CRESCENT__HYD 24018	35.30 0.89 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.58 0.89 0.00	33.73 1.08 0.00	46.96 1.63 0.00	56.50 1.91 0.00	50.30 1.51 0.00	42.08 0.98 0.00	41.89 0.94 0.00	37.56 0.85 0.00	36.89 0.83 0.00	36.14 0.67 0.00	38.00 0.71 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.56 1.38 0.00	54.83 1.70 0.00	55.91 1.84 0.00	54.10 1.63 0.00	48.21 1.54 0.00	39.67 1.27 0.00	34.55 1.17 0.00
CRICKET__VALLEY_CC1 323756	34.95 0.55 0.00	32.76 0.55 0.00	31.27 0.58 0.00	30.26 0.59 0.00	30.20 0.50 0.00	33.37 0.72 0.00	46.28 0.95 0.00	56.01 1.42 0.00	49.81 1.03 0.00	42.00 0.90 0.00	42.05 1.11 0.00	37.78 1.07 0.00	37.14 1.08 0.00	36.63 1.17 0.00	38.45 1.16 0.00	41.56 1.37 0.00	45.67 1.58 0.00	47.89 1.71 0.00	55.04 1.91 0.00	55.75 1.68 0.00	54.10 1.63 0.00	48.07 1.40 0.00	39.55 1.15 0.00	34.35 0.97 0.00
CRICKET__VALLEY_CC2 323757	34.95 0.55 0.00	32.76 0.55 0.00	31.27 0.58 0.00	30.26 0.59 0.00	30.20 0.50 0.00	33.37 0.72 0.00	46.28 0.95 0.00	56.01 1.42 0.00	49.81 1.03 0.00	42.00 0.90 0.00	42.05 1.11 0.00	37.78 1.07 0.00	37.14 1.08 0.00	36.63 1.17 0.00	38.45 1.16 0.00	41.56 1.37 0.00	45.67 1.58 0.00	47.89 1.71 0.00	55.04 1.91 0.00	55.75 1.68 0.00	54.10 1.63 0.00	48.07 1.40 0.00	39.55 1.15 0.00	34.35 0.97 0.00
CRICKET__VALLEY_CC3 323758	34.95 0.55 0.00	32.76 0.55 0.00	31.27 0.58 0.00	30.26 0.59 0.00	30.20 0.50 0.00	33.37 0.72 0.00	46.28 0.95 0.00	56.01 1.42 0.00	49.81 1.03 0.00	42.00 0.90 0.00	42.05 1.11 0.00	37.78 1.07 0.00	37.14 1.08 0.00	36.63 1.17 0.00	38.45 1.16 0.00	41.56 1.37 0.00	45.67 1.58 0.00	47.89 1.71 0.00	55.04 1.91 0.00	55.75 1.68 0.00	54.10 1.63 0.00	48.07 1.40 0.00	39.55 1.15 0.00	34.35 0.97 0.00
CRUCIBLE_METL_DRP 24180	34.16 -0.24 0.00	31.99 -0.23 0.00	30.44 -0.25 0.00	29.43 -0.24 0.00	29.46 -0.24 0.00	32.36 -0.29 0.00	44.97 -0.36 0.00	54.16 -0.44 0.00	48.39 -0.39 0.00	40.89 -0.21 0.00	40.74 -0.20 0.00	36.50 -0.22 0.00	35.85 -0.22 0.00	35.22 -0.25 0.00	37.04 -0.26 0.00	39.84 -0.36 0.00	43.77 -0.31 0.00	45.81 -0.37 0.00	52.76 -0.37 0.00	53.80 -0.27 0.00	52.16 -0.31 0.00	46.35 -0.33 0.00	38.13 -0.27 0.00	33.08 -0.30 0.00
DAHOWA__HYDRO 323763	35.68 1.27 0.00	33.44 1.22 0.00	31.85 1.17 0.00	30.86 1.19 0.00	30.91 1.22 0.00	34.13 1.47 0.00	47.69 2.36 0.00	57.48 2.89 0.00	51.17 2.39 0.00	42.66 1.56 0.00	42.34 1.39 0.00	37.89 1.17 0.00	37.11 1.05 0.00	36.28 0.82 0.00	38.19 0.89 0.00	41.48 1.29 0.00	45.62 1.54 0.00	48.03 1.85 0.00	55.52 2.39 0.00	56.77 2.70 0.00	54.94 2.47 0.00	48.82 2.15 0.00	40.05 1.65 0.00	34.82 1.43 0.00
DANC__LFGE 323619	34.33 -0.07 0.00	32.12 -0.10 0.00	30.50 -0.18 0.00	29.43 -0.24 0.00	29.66 -0.03 0.00	32.62 -0.03 0.00	45.74 0.41 0.00	54.54 -0.05 0.00	48.34 -0.44 0.00	40.40 -0.70 0.00	40.17 -0.78 0.00	35.87 -0.84 0.00	35.13 -0.94 0.00	34.61 -0.85 0.00	36.51 -0.78 0.00	39.35 -0.85 0.00	43.15 -0.93 0.00	45.49 -0.69 0.00	52.92 -0.21 0.00	54.56 0.49 0.00	52.63 0.16 0.00	46.72 0.05 0.00	38.09 -0.31 0.00	33.02 -0.37 0.00
DANSKAMMER__1 23586	35.36 0.96 0.00	33.15 0.93 0.00	31.64 0.95 0.00	30.56 0.89 0.00	30.46 0.77 0.00	33.70 1.04 0.00	46.82 1.49 0.00	56.72 2.13 0.00	50.39 1.61 0.00	42.45 1.35 0.00	42.42 1.47 0.00	38.07 1.36 0.00	37.40 1.34 0.00	36.95 1.49 0.00	38.83 1.53 0.00	41.92 1.73 0.00	46.15 2.07 0.00	48.30 2.13 0.00	55.63 2.50 0.00	56.39 2.32 0.00	54.83 2.36 0.00	48.59 1.91 0.00	39.86 1.46 0.00	34.62 1.24 0.00
DANSKAMMER__2 23589	35.36 0.96 0.00	33.15 0.93 0.00	31.64 0.95 0.00	30.56 0.89 0.00	30.46 0.77 0.00	33.70 1.04 0.00	46.82 1.49 0.00	56.72 2.13 0.00	50.39 1.61 0.00	42.45 1.35 0.00	42.42 1.47 0.00	38.07 1.36 0.00	37.40 1.34 0.00	36.95 1.49 0.00	38.83 1.53 0.00	41.92 1.73 0.00	46.15 2.07 0.00	48.30 2.13 0.00	55.63 2.50 0.00	56.39 2.32 0.00	54.83 2.36 0.00	48.59 1.91 0.00	39.86 1.46 0.00	34.62 1.24 0.00
DANSKAMMER__3 23590	35.36 0.96 0.00	33.15 0.93 0.00	31.64 0.95 0.00	30.56 0.89 0.00	30.46 0.77 0.00	33.70 1.04 0.00	46.82 1.49 0.00	56.72 2.13 0.00	50.39 1.61 0.00	42.45 1.35 0.00	42.42 1.47 0.00	38.07 1.36 0.00	37.40 1.34 0.00	36.95 1.49 0.00	38.83 1.53 0.00	41.92 1.73 0.00	46.15 2.07 0.00	48.30 2.13 0.00	55.63 2.50 0.00	56.39 2.32 0.00	54.83 2.36 0.00	48.59 1.91 0.00	39.86 1.46 0.00	34.62 1.24 0.00

DANSKAMMER___4 23591	35.36 0.96 0.00	33.15 0.93 0.00	31.64 0.95 0.00	30.56 0.89 0.00	30.46 0.77 0.00	33.70 1.04 0.00	46.82 1.49 0.00	56.72 2.13 0.00	50.39 1.61 0.00	42.45 1.35 0.00	42.42 1.47 0.00	38.07 1.36 0.00	37.40 1.34 0.00	36.95 1.49 0.00	38.83 1.53 0.00	41.92 1.73 0.00	46.15 2.07 0.00	48.30 2.13 0.00	55.63 2.50 0.00	56.39 2.32 0.00	54.83 2.36 0.00	48.59 1.91 0.00	39.86 1.46 0.00	34.62 1.24 0.00
DANSKAMMER___DIESEL 23592	35.37 0.96 0.00	33.15 0.93 0.00	31.63 0.95 0.00	30.59 0.92 0.00	30.47 0.77 0.00	33.70 1.05 0.00	46.78 1.45 0.00	56.67 2.07 0.00	50.39 1.61 0.00	42.49 1.40 0.00	42.46 1.52 0.00	38.07 1.36 0.00	37.40 1.33 0.00	36.95 1.49 0.00	38.83 1.53 0.00	41.93 1.73 0.00	46.15 2.07 0.00	48.35 2.17 0.00	55.52 2.39 0.00	56.40 2.33 0.00	54.83 2.36 0.00	48.59 1.91 0.00	39.90 1.50 0.00	34.62 1.24 0.00
DARBY___SOLAR 323810	35.61 1.20 0.00	33.34 1.13 0.00	31.79 1.10 0.00	30.79 1.13 0.00	30.85 1.16 0.00	34.03 1.37 0.00	47.51 2.18 0.00	57.27 2.67 0.00	50.98 2.20 0.00	42.53 1.44 0.00	42.22 1.27 0.00	37.78 1.07 0.00	37.04 0.97 0.00	36.24 0.78 0.00	38.15 0.86 0.00	41.40 1.20 0.00	45.53 1.45 0.00	47.93 1.75 0.00	55.36 2.23 0.00	56.61 2.54 0.00	54.78 2.31 0.00	48.68 2.01 0.00	39.98 1.58 0.00	34.75 1.37 0.00
DASHVILLE___HYD 23610	35.19 0.79 0.00	33.02 0.81 0.00	31.48 0.80 0.00	30.44 0.77 0.00	30.35 0.65 0.00	33.51 0.85 0.00	46.46 1.13 0.00	56.18 1.58 0.00	49.86 1.07 0.00	41.96 0.86 0.00	41.89 0.94 0.00	37.60 0.88 0.00	36.93 0.87 0.00	36.49 1.03 0.00	38.34 1.04 0.00	41.36 1.17 0.00	45.54 1.45 0.00	47.75 1.57 0.00	54.83 1.70 0.00	55.69 1.62 0.00	54.15 1.68 0.00	48.08 1.40 0.00	39.52 1.11 0.00	34.39 1.00 0.00
DELAWARE___LFGE 323621	34.78 0.38 0.00	32.57 0.35 0.00	30.99 0.31 0.00	29.93 0.27 0.00	29.96 0.27 0.00	33.02 0.36 0.00	45.96 0.63 0.00	55.41 0.82 0.00	49.47 0.68 0.00	41.63 0.53 0.00	41.52 0.57 0.00	37.23 0.51 0.00	36.53 0.47 0.00	35.93 0.46 0.00	37.78 0.48 0.00	40.76 0.56 0.00	44.79 0.71 0.00	46.92 0.74 0.00	54.09 0.96 0.00	55.04 0.97 0.00	57.88 0.94 -4.46	51.53 0.75 -4.11	39.38 0.50 -0.48	33.78 0.40 0.00
DERFIELD_115KV_TB7 355931	34.40 0.00 0.00	32.21 0.00 0.00	30.68 0.00 0.00	29.64 -0.03 0.00	29.66 -0.03 0.00	32.66 0.00 0.00	45.38 0.05 0.00	54.70 0.11 0.00	48.83 0.05 0.00	41.06 -0.04 0.00	40.95 0.00 0.00	36.72 0.00 0.00	36.06 0.00 0.00	35.46 0.00 0.00	37.30 0.00 0.00	40.20 0.00 0.00	44.08 0.00 0.00	46.22 0.05 0.00	53.24 0.11 0.00	54.18 0.11 0.00	52.58 0.10 0.00	46.72 0.05 0.00	38.44 0.04 0.00	33.42 0.03 0.00
DOGLEVILLE___HYD 23807	34.54 0.14 0.00	32.31 0.10 0.00	30.71 0.03 0.00	29.58 -0.09 0.00	29.49 -0.21 0.00	32.36 -0.29 0.00	44.92 -0.41 0.00	54.05 -0.55 0.00	48.29 -0.49 0.00	40.60 -0.49 0.00	40.54 -0.41 0.00	36.39 -0.33 0.00	35.78 -0.29 0.00	35.15 -0.32 0.00	36.92 -0.37 0.00	39.75 -0.44 0.00	43.64 -0.44 0.00	45.76 -0.42 0.00	52.81 -0.32 0.00	53.80 -0.27 0.00	52.10 -0.37 0.00	46.30 -0.37 0.00	38.02 -0.38 0.00	33.02 -0.37 0.00
DUNKIRK___115KV_TB_200 55889	31.93 -2.48 0.00	29.77 -2.45 0.00	27.92 -2.76 0.00	26.85 -2.82 0.00	26.78 -2.91 0.00	25.55 -3.30 3.80	29.37 -4.80 11.15	35.82 -5.62 13.15	30.49 -5.12 13.17	24.13 -3.78 13.19	24.40 -3.77 12.78	25.27 -3.38 8.07	24.62 -3.46 7.99	25.21 -3.58 6.67	24.59 -3.95 8.75	21.07 -4.50 14.63	21.48 -4.67 17.93	33.28 -5.54 7.36	34.67 -6.27 12.19	38.66 -6.00 9.41	33.14 -5.98 13.35	27.40 -5.60 13.67	29.43 -4.72 4.25	29.08 -4.17 0.13
DUNKIRK___1 23563	31.93 -2.48 0.00	29.77 -2.45 0.00	27.92 -2.76 0.00	26.85 -2.82 0.00	26.78 -2.91 0.00	25.55 -3.30 3.80	29.37 -4.80 11.15	35.82 -5.62 13.15	30.49 -5.12 13.17	24.13 -3.78 13.19	24.40 -3.77 12.78	25.27 -3.38 8.07	24.62 -3.46 7.99	25.21 -3.58 6.67	24.59 -3.95 8.75	21.07 -4.50 14.63	21.48 -4.67 17.93	33.28 -5.54 7.36	34.67 -6.27 12.19	38.66 -6.00 9.41	33.14 -5.98 13.35	27.40 -5.60 13.67	29.43 -4.72 4.25	29.08 -4.17 0.13
DUNKIRK___2 23564	31.93 -2.48 0.00	29.77 -2.45 0.00	27.92 -2.76 0.00	26.85 -2.82 0.00	26.78 -2.91 0.00	25.55 -3.30 3.80	29.37 -4.80 11.15	35.82 -5.62 13.15	30.49 -5.12 13.17	24.13 -3.78 13.19	24.40 -3.77 12.78	25.27 -3.38 8.07	24.62 -3.46 7.99	25.21 -3.58 6.67	24.59 -3.95 8.75	21.07 -4.50 14.63	21.48 -4.67 17.93	33.28 -5.54 7.36	34.67 -6.27 12.19	38.66 -6.00 9.41	33.14 -5.98 13.35	27.40 -5.60 13.67	29.43 -4.72 4.25	29.08 -4.17 0.13
DUNKIRK___3 23565	31.82 -2.58 0.00	29.70 -2.51 0.00	27.89 -2.79 0.00	26.85 -2.82 0.00	26.81 -2.88 0.00	25.51 -3.30 3.85	29.24 -4.80 11.28	35.72 -5.57 13.31	30.38 -5.07 13.33	23.98 -3.74 13.38	24.26 -3.73 12.96	25.19 -3.34 8.18	24.54 -3.39 8.14	25.20 -3.51 6.75	24.61 -3.84 8.85	21.03 -4.38 14.79	21.41 -4.54 18.13	33.22 -5.40 7.56	34.58 -6.11 12.44	38.71 -5.89 9.47	33.31 -5.82 13.33	27.57 -5.41 13.69	29.55 -4.53 4.32	29.18 -4.07 0.13
DUNKIRK___4 23566	31.82 -2.58 0.00	29.70 -2.51 0.00	27.89 -2.79 0.00	26.85 -2.82 0.00	26.81 -2.88 0.00	25.51 -3.30 3.85	29.24 -4.80 11.28	35.72 -5.57 13.31	30.38 -5.07 13.33	23.98 -3.74 13.38	24.26 -3.73 12.96	25.19 -3.34 8.18	24.54 -3.39 8.14	25.20 -3.51 6.75	24.61 -3.84 8.85	21.03 -4.38 14.79	21.41 -4.54 18.13	33.22 -5.40 7.56	34.58 -6.11 12.44	38.71 -5.89 9.47	33.31 -5.82 13.33	27.57 -5.41 13.69	29.55 -4.53 4.32	29.18 -4.07 0.13
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.33 0.93 0.00	33.12 0.90 0.00	31.60 0.92 0.00	30.59 0.92 0.00	30.44 0.74 0.00	33.67 1.01 0.00	46.87 1.54 0.00	56.72 2.13 0.00	50.59 1.80 0.00	42.87 1.77 0.00	42.91 1.97 0.00	38.52 1.80 0.00	37.90 1.84 0.00	37.42 1.95 0.00	39.24 1.94 0.00	42.49 2.29 0.00	46.73 2.64 0.00	48.86 2.68 0.00	56.00 2.87 0.00	56.77 2.70 0.00	55.15 2.68 0.00	48.87 2.19 0.00	40.17 1.77 0.00	34.79 1.40 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.16 0.76 0.00	32.96 0.74 0.00	31.45 0.77 0.00	30.41 0.74 0.00	30.29 0.59 0.00	33.51 0.85 0.00	46.55 1.22 0.00	56.34 1.75 0.00	50.10 1.32 0.00	42.29 1.19 0.00	42.26 1.31 0.00	37.93 1.21 0.00	37.25 1.19 0.00	36.81 1.35 0.00	38.64 1.34 0.00	41.76 1.57 0.00	45.93 1.85 0.00	48.07 1.89 0.00	55.25 2.13 0.00	56.07 2.00 0.00	54.46 1.99 0.00	48.31 1.63 0.00	39.67 1.27 0.00	34.42 1.03 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.64 1.24 0.00	33.41 1.19 0.00	32.01 1.32 -0.01	31.00 1.34 0.00	30.76 1.07 0.00	33.70 1.05 0.00	46.92 1.59 0.00	56.61 2.02 0.00	50.59 1.80 0.00	42.95 1.85 0.00	43.00 2.05 0.00	38.74 2.02 0.00	38.09 2.02 0.00	37.56 2.09 0.00	39.35 2.05 0.00	42.61 2.41 0.00	46.86 2.78 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.61 2.54 0.00	55.04 2.57 0.00	48.82 2.15 0.00	40.36 1.96 0.00	34.99 1.60 0.00

E179THST_13_KV_LOAD 356214	35.78 1.38 0.00	33.50 1.29 0.00	32.13 1.44 -0.01	31.09 1.42 0.00	30.85 1.16 0.00	33.83 1.18 0.00	47.10 1.77 0.00	56.83 2.24 0.00	50.78 2.00 0.00	43.11 2.01 0.00	43.16 2.21 0.00	38.89 2.17 0.00	38.23 2.16 0.00	37.70 2.23 0.00	39.50 2.20 0.00	42.77 2.57 0.00	47.08 3.00 0.00	49.04 2.86 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.30 2.83 0.00	49.01 2.33 0.00	40.52 2.11 0.00	35.09 1.70 0.00
EAST HAMPTON___GT 23717	36.95 2.55 0.00	34.76 2.54 0.00	33.01 2.33 0.00	31.83 2.16 0.00	31.71 2.02 0.00	34.75 2.09 0.00	47.69 2.36 0.00	57.70 3.11 0.00	51.66 2.88 0.00	44.39 3.29 0.00	45.20 4.18 -0.07	40.40 3.67 -0.01	39.61 3.54 -0.01	39.86 3.72 -0.68	41.07 3.77 -0.01	49.77 4.30 -5.27	53.18 4.67 -4.43	58.40 4.71 -2.57	59.70 5.26 -0.01	57.41 5.30 -0.33	51.49 4.93 -0.01	42.59 4.81 -0.01	36.62 4.19 0.00	3.24 0.00 0.00
EAST RIVER___6 23660	35.33 0.93 0.00	33.12 0.90 0.00	31.57 0.89 0.00	30.56 0.89 0.00	30.41 0.71 0.00	33.64 0.98 0.00	46.92 1.59 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.99 1.89 0.00	43.07 2.13 0.00	38.70 1.98 0.00	38.05 1.98 0.00	37.59 2.13 0.00	39.42 2.12 0.00	42.69 2.49 0.00	46.94 2.86 0.00	49.00 2.82 0.00	56.32 3.19 0.00	56.83 2.76 0.00	55.25 2.78 0.00	48.96 2.29 0.00	40.25 1.84 0.00	34.85 1.47 0.00
EAST RIVER___7 23524	35.33 0.93 0.00	33.12 0.90 0.00	31.57 0.89 0.00	30.56 0.89 0.00	30.41 0.71 0.00	33.64 0.98 0.00	46.92 1.59 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.99 1.89 0.00	43.07 2.13 0.00	38.70 1.98 0.00	38.05 1.98 0.00	37.59 2.13 0.00	39.42 2.12 0.00	42.69 2.49 0.00	46.94 2.86 0.00	49.00 2.82 0.00	56.32 3.19 0.00	56.83 2.76 0.00	55.25 2.78 0.00	48.96 2.29 0.00	40.25 1.84 0.00	34.85 1.47 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.30 0.89 0.00	33.08 0.87 0.00	31.57 0.89 0.00	30.56 0.89 0.00	30.41 0.71 0.00	33.64 0.98 0.00	46.78 1.45 0.00	56.61 2.02 0.00	50.49 1.71 0.00	42.74 1.64 0.00	42.79 1.84 0.00	38.40 1.69 0.00	37.76 1.70 0.00	37.27 1.81 0.00	39.12 1.83 0.00	42.33 2.13 0.00	46.55 2.47 0.00	48.72 2.54 0.00	55.84 2.71 0.00	56.61 2.54 0.00	54.99 2.52 0.00	48.73 2.05 0.00	40.09 1.69 0.00	34.72 1.34 0.00
EAST_HAMPTON___DIESEL 23722	36.98 2.58 0.00	34.76 2.54 0.00	33.01 2.33 0.00	31.83 2.16 0.00	31.71 2.02 0.00	34.75 2.09 0.00	47.73 2.40 0.00	57.70 3.11 0.00	51.66 2.88 0.00	44.39 3.29 0.00	45.20 4.18 -0.07	40.40 3.67 -0.01	39.61 3.54 -0.01	39.86 3.72 -0.68	41.11 3.81 -0.01	49.81 4.34 -5.27	53.18 4.67 -4.43	53.46 4.71 -2.57	58.40 5.26 -0.01	59.70 5.30 -0.33	57.47 4.99 -0.01	51.49 4.81 -0.01	42.59 4.19 0.00	36.66 3.27 0.00
EAST_POINT___SOLAR 323840	35.91 1.51 0.00	33.63 1.42 0.00	32.00 1.32 0.00	31.00 1.34 0.00	31.06 1.37 0.00	34.32 1.66 0.00	48.32 2.99 0.00	58.20 3.60 0.00	51.12 2.34 0.00	41.92 0.82 0.00	41.11 0.16 0.00	36.83 0.11 0.00	36.14 0.07 0.00	35.46 0.00 0.00	37.71 0.41 0.00	41.28 1.09 0.00	45.67 1.58 0.00	48.21 2.03 0.00	56.10 2.97 0.00	57.69 3.62 0.00	55.78 3.31 0.00	49.33 2.66 0.00	40.32 1.92 0.00	34.92 1.54 0.00
EAST_PULASKI___ESR 323781	34.06 -0.34 0.00	31.86 -0.35 0.00	30.28 -0.40 0.00	29.25 -0.42 0.00	29.40 -0.30 0.00	32.33 -0.33 0.00	45.19 -0.14 0.00	54.10 -0.49 0.00	48.10 -0.68 0.00	40.40 -0.70 0.00	40.17 -0.78 0.00	35.91 -0.81 0.00	35.20 -0.87 0.00	34.65 -0.81 0.00	36.51 -0.78 0.00	39.31 -0.88 0.00	43.20 -0.88 0.00	45.39 -0.79 0.00	52.60 -0.53 0.00	54.02 -0.05 0.00	52.21 -0.26 0.00	46.35 -0.32 0.00	37.94 -0.46 0.00	32.85 -0.54 0.00
EAST_RIVER___1 323558	35.43 1.03 0.00	33.21 1.00 0.00	31.69 1.01 0.00	30.65 0.98 0.00	30.52 0.83 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.99 2.40 0.00	50.78 2.00 0.00	42.99 1.89 0.00	43.07 2.13 0.00	38.70 1.98 0.00	38.05 1.98 0.00	37.59 2.13 0.00	39.42 2.12 0.00	42.69 2.49 0.00	46.94 2.86 0.00	49.04 2.86 0.00	56.32 3.19 0.00	56.88 2.81 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.32 1.92 0.00	34.92 1.54 0.00
EAST_RIVER___2 323559	35.33 0.93 0.00	33.12 0.90 0.00	31.57 0.89 0.00	30.56 0.89 0.00	30.41 0.71 0.00	33.64 0.98 0.00	46.92 1.59 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.99 1.89 0.00	43.07 2.13 0.00	38.70 1.98 0.00	38.05 1.98 0.00	37.59 2.13 0.00	39.42 2.12 0.00	42.69 2.49 0.00	46.94 2.86 0.00	49.00 2.82 0.00	56.32 3.19 0.00	56.83 2.76 0.00	55.25 2.78 0.00	48.96 2.29 0.00	40.25 1.84 0.00	34.85 1.47 0.00
EAST___DELAWARE_HYD 23607	35.57 1.17 0.00	33.34 1.13 0.00	31.82 1.14 0.00	30.71 1.04 0.00	30.62 0.92 0.00	33.87 1.21 0.00	47.01 1.68 0.00	56.99 2.40 0.00	50.59 1.81 0.00	42.50 1.40 0.00	42.46 1.52 0.00	38.04 1.32 0.00	37.29 1.23 0.00	36.92 1.45 0.00	38.83 1.53 0.00	41.85 1.65 0.00	46.11 2.03 0.00	48.30 2.13 0.00	55.63 2.50 0.00	56.51 2.44 0.00	54.99 2.52 0.00	48.68 2.01 0.00	39.86 1.46 0.00	34.62 1.24 0.00
EIGHT_POINT___WT_PWR 323820	32.79 -1.62 0.00	30.54 -1.68 0.00	28.78 -1.90 0.00	27.74 -1.93 0.00	27.70 -1.99 0.00	42.00 -2.51 -11.85	75.13 -4.26 -34.07	89.50 -5.35 -40.26	84.17 -4.93 -40.31	84.06 -3.49 -46.46	82.45 -3.52 -45.03	61.74 -3.38 -28.40	59.23 -3.53 -26.70	52.12 -3.72 -20.38	59.09 -4.10 -25.89	78.63 -4.99 -43.42	92.32 -5.03 -53.27	66.01 -5.54 -25.37	77.31 -6.11 -30.29	52.30 -6.00 -4.23	27.01 -5.83 19.63	27.92 -5.46 13.29	41.40 -4.57 -7.57	29.24 -4.24 -0.10
ELBRIDGE_115KV_TB2 80188	33.96 -0.45 0.00	31.80 -0.42 0.00	30.22 -0.46 0.00	29.22 -0.45 0.00	29.25 -0.45 0.00	32.44 -0.52 -0.31	45.53 -0.68 -0.88	54.81 -0.82 -1.04	49.09 -0.73 -1.04	41.79 -0.49 -1.18	41.60 -0.49 -1.15	36.96 -0.48 -0.72	35.95 -0.50 -0.39	35.49 -0.50 -0.53	37.44 -0.52 -0.67	40.68 -0.64 -1.12	44.84 -0.62 -1.38	45.49 -0.69 0.00	52.39 -0.74 0.00	53.42 -0.65 0.00	49.29 -0.68 2.50	43.72 -0.65 2.30	37.60 -0.54 0.27	32.85 -0.53 0.00
ELEC_TRO_TEK 24086	35.71 1.31 0.00	33.50 1.29 0.00	31.88 1.20 0.00	30.85 1.19 0.00	30.61 0.92 0.00	33.83 1.18 0.00	46.55 1.22 0.00	56.39 1.80 0.00	50.39 1.61 0.00	43.15 2.05 0.00	43.24 2.17 -0.12	38.79 2.06 -0.02	38.14 2.06 -0.02	38.71 2.16 -1.08	39.48 2.16 -0.02	51.05 2.49 -8.37	54.51 2.78 -7.65	53.48 2.86 -4.44	56.17 3.03 -0.02	57.51 2.87 -0.57	55.32 2.83 -0.02	49.21 2.52 -0.02	40.78 2.38 0.00	35.25 1.87 0.00
ELLENBURG_WT_PWR 323604	34.54 0.14 0.00	32.28 0.06 0.00	30.81 0.12 0.00	29.76 0.09 0.00	29.90 0.21 0.00	32.69 0.03 0.00	44.97 -0.36 0.00	53.78 -0.82 0.00	48.44 -0.34 0.00	40.97 -0.12 0.00	40.70 -0.24 0.00	36.50 -0.22 0.00	35.88 -0.18 0.00	35.32 -0.14 0.00	37.30 0.00 0.00	40.20 0.00 0.00	43.82 -0.26 0.00	45.72 -0.46 0.00	52.33 -0.80 0.00	53.20 -0.87 0.00	51.58 -0.89 0.00	46.12 -0.56 0.00	37.90 -0.50 0.00	32.95 -0.43 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.44 -2.96 0.00	29.38 -2.83 0.00	27.62 -3.07 0.00	26.61 -3.06 0.00	26.61 -3.09 0.00	25.14 -3.59 3.92	28.61 -5.21 11.51	35.02 -6.01 13.57	29.83 -5.37 13.59	23.40 -4.07 13.63	23.69 -4.05 13.21	24.75 -3.63 8.33	24.12 -3.64 8.30	24.86 -3.72 6.88	24.32 -3.95 9.02	20.57 -4.54 15.08	20.79 -4.80 18.49	32.68 -5.77 7.73	33.75 -6.59 12.80	37.77 -6.43 9.87	33.63 -6.24 12.59	27.89 -5.74 13.04	29.34 -4.76 4.30	28.98 -4.27 0.14
EMPIRE_CC_1 323656	34.99 0.58 0.00	32.79 0.58 0.00	31.30 0.61 0.00	30.29 0.62 0.00	30.38 0.68 0.00	33.47 0.82 0.00	46.37 1.04 0.00	55.74 1.15 0.00	49.61 0.83 0.00	41.55 0.45 0.00	41.40 0.45 0.00	37.16 0.44 0.00	36.50 0.43 0.00	35.78 0.32 0.00	37.59 0.30 0.00	40.60 0.40 0.00	44.61 0.53 0.00	46.96 0.78 0.00	54.09 0.96 0.00	55.04 0.97 0.00	53.31 0.84 0.00	47.66 0.98 0.00	39.21 0.81 0.00	34.29 0.90 0.00
EMPIRE_CC_2 323658	34.99 0.58 0.00	32.79 0.58 0.00	31.30 0.61 0.00	30.29 0.62 0.00	30.38 0.68 0.00	33.47 0.82 0.00	46.37 1.04 0.00	55.74 1.15 0.00	49.61 0.83 0.00	41.55 0.45 0.00	41.40 0.45 0.00	37.16 0.44 0.00	36.50 0.43 0.00	35.78 0.32 0.00	37.59 0.30 0.00	40.60 0.40 0.00	44.61 0.53 0.00	46.96 0.78 0.00	54.09 0.96 0.00	55.04 0.97 0.00	53.31 0.84 0.00	47.66 0.98 0.00	39.21 0.81 0.00	34.29 0.90 0.00
ENORWICH_115KV_TB1 80156	35.61 1.20 0.00	33.28 1.06 0.00	31.51 0.83 0.00	30.38 0.71 0.00	30.50 0.80 0.00	33.46 0.85 0.05	46.71 1.54 0.16	55.99 1.58 0.18	49.91 1.32 0.19	41.92 0.82 0.00	41.56 0.61 0.00	37.16 0.44 0.00	36.83 0.32 -0.44	35.68 0.32 0.10	37.52 0.37 0.15	40.35 0.40 0.25	44.48 0.71 0.31	48.27 1.06 -1.03	56.15 1.75 -1.27	56.62 2.27 -0.28	56.80 1.94 -2.39	50.37 1.31 -2.39	39.90 0.84 -0.65	34.09 0.70 -0.01
ERIE_ST__34_KV_TB1-2 80199	32.10 -2.30 0.00	30.02 -2.19 0.00	28.23 -2.45 0.00	27.21 -2.46 0.00	27.11 -2.58 0.00	26.14 -2.81 3.71	30.24 -4.22 10.87	36.97 -4.80 12.82	31.60 -4.34 12.84	25.59 -2.75 12.75	25.80 -2.78 12.36	26.46 -2.46 7.80	25.95 -2.52 7.59	26.12 -2.84 6.51	25.54 -3.21 8.54	22.26 -3.66 14.28	22.92 -3.66 17.50	35.02 -4.34 6.81	36.54 -4.99 11.59	39.80 -4.81 9.45	34.83 -4.67 12.97	29.12 -4.34 13.21	30.76 -3.65 4.00	29.81 -3.44 0.13
ERIE_WT_PWR 323693	31.72 -2.68 0.00	29.64 -2.58 0.00	27.89 -2.79 0.00	26.94 -2.73 0.00	26.84 -2.85 0.00	25.53 -3.30 3.83	29.21 -4.90 11.23	35.84 -5.51 13.24	30.65 -4.88 13.26	24.27 -3.66 13.17	24.54 -3.64 12.76	25.39 -3.27 8.05	24.75 -3.32 8.00	25.27 -3.47 6.72	24.74 -3.73 8.83	21.10 -4.34 14.75	21.50 -4.50 18.08	33.40 -5.40 7.38	34.52 -6.27 12.34	38.35 -6.00 9.72	33.78 -5.83 12.86	28.09 -5.37 13.22	29.71 -4.49 4.20	29.21 -4.04 0.14
ESPRGFLD_115KV_TB1 80157	35.16 0.76 0.00	32.92 0.71 0.00	31.30 0.61 0.00	30.26 0.59 0.00	30.32 0.62 0.00	33.44 0.78 0.00	46.83 1.50 0.00	56.39 1.80 0.00	50.15 1.37 0.00	41.88 0.78 0.00	41.52 0.57 0.00	37.16 0.44 0.00	36.42 0.36 0.00	35.85 0.39 0.00	37.82 0.52 0.00	40.96 0.76 0.00	45.09 1.01 0.00	47.38 1.20 0.00	54.88 1.75 0.00	56.12 2.05 0.00	54.36 1.89 0.00	48.12 1.45 0.00	39.36 0.96 0.00	34.15 0.77 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.57 0.17 0.00	32.38 0.16 0.00	30.74 0.06 0.00	29.70 0.03 0.00	29.75 0.06 0.00	33.00 0.03 -0.31	46.40 0.18 -0.89	55.75 0.11 -1.05	49.88 0.05 -1.05	42.61 0.12 -1.39	42.34 0.04 -1.35	37.53 -0.04 -0.85	37.26 -0.11 -1.31	35.85 -0.14 -0.53	37.79 -0.15 -0.65	41.08 -0.20 -1.08	45.37 -0.04 -1.33	48.05 -0.05 -1.92	55.72 0.21 -2.37	55.02 0.43 -0.52	47.48 0.31 5.31	42.34 0.19 4.52	38.68 0.12 -0.16	33.36 -0.03 -0.01
ETNA_____115KV_TB2 80207	34.57 0.17 0.00	32.38 0.16 0.00	30.74 0.06 0.00	29.70 0.03 0.00	29.75 0.06 0.00	33.00 0.03 -0.31	46.40 0.18 -0.89	55.75 0.11 -1.05	49.88 0.05 -1.05	42.61 0.12 -1.39	42.34 0.04 -1.35	37.53 -0.04 -0.85	37.26 -0.11 -1.31	35.85 -0.14 -0.53	37.79 -0.15 -0.65	41.08 -0.20 -1.08	45.37 -0.04 -1.33	48.05 -0.05 -1.92	55.72 0.21 -2.37	55.02 0.43 -0.52	47.48 0.31 5.31	42.34 0.19 4.52	38.68 0.12 -0.16	33.36 -0.03 -0.01
EUCLID___115KV_TB2 356179	33.89 -0.52 0.00	31.73 -0.48 0.00	30.19 -0.49 0.00	29.19 -0.47 0.00	29.22 -0.48 0.00	32.10 -0.56 0.00	44.60 -0.73 0.00	53.77 -0.82 0.00	48.05 -0.73 0.00	40.60 -0.49 0.00	40.46 -0.49 0.00	36.24 -0.48 0.00	35.60 -0.47 0.00	35.00 -0.46 0.00	36.77 -0.52 0.00	39.59 -0.60 0.00	43.46 -0.62 0.00	45.44 -0.74 0.00	52.39 -0.74 0.00	53.37 -0.70 0.00	51.74 -0.73 0.00	45.98 -0.70 0.00	37.83 -0.58 0.00	32.82 -0.57 0.00
E_CANADA_CAP_HY 24051	35.47 1.07 0.00	33.18 0.97 0.00	31.57 0.89 0.00	30.59 0.92 0.00	30.62 0.92 0.00	33.80 1.14 0.00	47.46 2.13 0.00	57.21 2.62 0.00	50.59 1.81 0.00	41.88 0.78 0.00	41.31 0.37 0.00	36.97 0.26 0.00	36.25 0.18 0.00	35.57 0.11 0.00	37.67 0.37 0.00	41.00 0.80 0.00	45.22 1.14 0.00	47.66 1.48 0.00	55.31 2.18 0.00	56.77 2.70 0.00	54.94 2.47 0.00	48.64 1.96 0.00	39.78 1.38 0.00	34.48 1.10 0.00
E_CANADA_MHWK_HY 24050	34.54 0.14 0.00	32.31 0.10 0.00	30.71 0.03 0.00	29.58 -0.09 0.00	29.49 -0.21 0.00	32.36 -0.29 0.00	44.92 -0.41 0.00	54.05 -0.55 0.00	48.29 -0.49 0.00	40.61 -0.49 0.00	40.54 -0.41 0.00	36.38 -0.33 0.00	35.77 -0.29 0.00	35.14 -0.32 0.00	36.92 -0.37 0.00	39.76 -0.44 0.00	43.64 -0.44 0.00	45.76 -0.42 0.00	52.76 -0.37 0.00	53.80 -0.27 0.00	52.11 -0.36 0.00	46.30 -0.38 0.00	38.02 -0.38 0.00	33.02 -0.37 0.00
E_FISHKILL___LBMP 23776	35.09 0.69 0.00	32.89 0.68 0.00	31.39 0.71 0.00	30.38 0.71 0.00	30.29 0.59 0.00	33.47 0.82 0.00	46.51 1.18 0.00	56.23 1.64 0.00	50.10 1.32 0.00	42.29 1.19 0.00	42.30 1.35 0.00	38.00 1.29 0.00	37.36 1.30 0.00	36.85 1.38 0.00	38.68 1.38 0.00	41.80 1.61 0.00	45.98 1.90 0.00	48.16 1.99 0.00	55.25 2.13 0.00	56.07 2.00 0.00	54.41 1.94 0.00	48.31 1.63 0.00	39.71 1.31 0.00	34.49 1.10 0.00
FALCON___SEABRD_CC1 323796	34.92 0.52 0.00	32.63 0.42 0.00	31.14 0.46 0.00	30.08 0.42 0.00	30.26 0.56 0.00	33.08 0.42 0.00	45.19 -0.14 0.00	53.78 -0.82 0.00	48.73 -0.05 0.00	41.26 0.17 0.00	40.95 0.00 0.00	36.72 0.00 0.00	36.06 0.00 0.00	35.50 0.04 0.00	37.45 0.15 0.00	40.44 0.24 0.00	43.99 -0.09 0.00	45.90 -0.28 0.00	52.28 -0.85 0.00	53.20 -0.87 0.00	51.74 -0.73 0.00	46.63 -0.05 0.00	38.33 -0.08 0.00	33.28 -0.10 0.00
FALCON___SEABRD_CC2 323797	34.92 0.52 0.00	32.63 0.42 0.00	31.14 0.46 0.00	30.08 0.42 0.00	30.26 0.56 0.00	33.08 0.42 0.00	45.19 -0.14 0.00	53.78 -0.82 0.00	48.73 -0.05 0.00	41.26 0.17 0.00	40.95 0.00 0.00	36.72 0.00 0.00	36.06 0.00 0.00	35.50 0.04 0.00	37.45 0.15 0.00	40.44 0.24 0.00	43.99 -0.09 0.00	45.90 -0.28 0.00	52.28 -0.85 0.00	53.20 -0.87 0.00	51.74 -0.73 0.00	46.63 -0.05 0.00	38.33 -0.08 0.00	33.28 -0.10 0.00

FAR ROCKAWAY___4 23548	36.09 1.69 0.00	33.83 1.61 0.00	32.19 1.50 0.00	31.15 1.48 0.00	30.88 1.19 0.00	34.13 1.47 0.00	47.05 1.72 0.00	56.94 2.35 0.00	50.88 2.10 0.00	43.61 2.51 0.00	43.73 2.66 -0.12	39.19 2.46 -0.02	38.53 2.45 -0.02	39.09 2.52 -1.11	39.89 2.57 -0.02	51.67 2.89 -8.58	55.27 3.26 -7.93	54.14 3.37 -4.59	56.86 3.72 -0.02	58.18 3.51 -0.59	56.00 3.52 -0.02	49.68 2.99 -0.02	41.21 2.80 0.00	35.59 2.20 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.47 1.07 0.00	33.25 1.03 0.00	31.73 1.04 0.00	30.71 1.04 0.00	30.56 0.86 0.00	33.77 1.11 0.00	47.05 1.72 0.00	56.94 2.35 0.00	50.83 2.05 0.00	43.07 1.97 0.00	43.12 2.17 0.00	38.73 2.02 0.00	38.08 2.02 0.00	37.59 2.13 0.00	39.46 2.16 0.00	42.73 2.53 0.00	46.99 2.91 0.00	49.09 2.91 0.00	56.21 3.08 0.00	56.94 2.87 0.00	55.30 2.83 0.00	49.06 2.38 0.00	40.36 1.96 0.00	34.95 1.57 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.47 1.07 0.00	33.25 1.03 0.00	31.73 1.04 0.00	30.71 1.04 0.00	30.56 0.86 0.00	33.77 1.11 0.00	47.05 1.72 0.00	57.00 2.40 0.00	50.83 2.05 0.00	43.07 1.97 0.00	43.12 2.17 0.00	38.70 1.98 0.00	38.08 2.02 0.00	37.59 2.13 0.00	39.46 2.16 0.00	42.73 2.53 0.00	46.99 2.91 0.00	49.09 2.91 0.00	56.21 3.08 0.00	56.94 2.87 0.00	55.30 2.83 0.00	49.06 2.38 0.00	40.36 1.96 0.00	34.95 1.57 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.47 1.07 0.00	33.21 1.00 0.00	31.70 1.01 0.00	30.71 1.04 0.00	30.53 0.83 0.00	33.77 1.11 0.00	47.05 1.72 0.00	56.94 2.35 0.00	50.78 2.00 0.00	43.07 1.97 0.00	43.12 2.17 0.00	38.70 1.98 0.00	38.08 2.02 0.00	37.59 2.13 0.00	39.46 2.16 0.00	42.69 2.49 0.00	46.95 2.87 0.00	49.09 2.91 0.00	56.21 3.08 0.00	56.88 2.81 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.36 1.96 0.00	34.95 1.57 0.00
FARRAGUT___LBMP 323566	35.43 1.03 0.00	33.21 1.00 0.00	31.70 1.01 0.00	30.68 1.01 0.00	30.53 0.83 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.89 2.29 0.00	50.73 1.95 0.00	43.03 1.93 0.00	43.08 2.13 0.00	38.66 1.95 0.00	38.05 1.98 0.00	37.56 2.09 0.00	39.42 2.13 0.00	42.65 2.45 0.00	46.90 2.82 0.00	49.04 2.86 0.00	56.16 3.03 0.00	56.88 2.81 0.00	55.25 2.78 0.00	48.96 2.29 0.00	40.32 1.92 0.00	34.92 1.54 0.00
FENNER___WINDPWR 24204	34.71 0.31 0.00	32.50 0.29 0.00	30.87 0.19 0.00	29.85 0.18 0.00	29.90 0.21 0.00	32.92 0.26 0.00	45.83 0.50 0.00	55.14 0.55 0.00	49.17 0.39 0.00	41.39 0.29 0.00	41.24 0.29 0.00	36.90 0.18 0.00	36.17 0.11 0.00	35.61 0.14 0.00	37.45 0.15 0.00	40.36 0.16 0.00	44.30 0.22 0.00	46.46 0.28 0.00	53.61 0.48 0.00	54.83 0.76 0.00	53.05 0.58 0.00	47.14 0.47 0.00	38.71 0.31 0.00	33.59 0.20 0.00
FIBERTEK___ENERGY 23856	34.16 -0.24 0.00	31.99 -0.23 0.00	30.44 -0.25 0.00	29.43 -0.24 0.00	29.46 -0.24 0.00	32.36 -0.29 0.00	44.97 -0.36 0.00	54.16 -0.44 0.00	48.39 -0.39 0.00	40.89 -0.21 0.00	40.74 -0.20 0.00	36.50 -0.22 0.00	35.85 -0.22 0.00	35.22 -0.25 0.00	37.04 -0.26 0.00	39.84 -0.36 0.00	43.77 -0.31 0.00	45.81 -0.37 0.00	52.76 -0.37 0.00	53.80 -0.27 0.00	52.16 -0.31 0.00	46.35 -0.33 0.00	38.13 -0.27 0.00	33.08 -0.30 0.00
FITZPATRICK___ 23598	33.44 -0.96 0.00	31.31 -0.90 0.00	29.79 -0.89 0.00	28.84 -0.83 0.00	28.86 -0.83 0.00	31.68 -0.98 0.00	43.97 -1.36 0.00	52.96 -1.64 0.00	47.42 -1.37 0.00	39.99 -1.11 0.00	39.84 -1.10 0.00	35.69 -1.03 0.00	35.05 -1.01 0.00	34.47 -0.99 0.00	36.25 -1.04 0.00	39.03 -1.17 0.00	42.80 -1.28 0.00	44.79 -1.38 0.00	51.54 -1.59 0.00	52.56 -1.51 0.00	50.95 -1.52 0.00	45.32 -1.36 0.00	37.29 -1.11 0.00	32.38 -1.00 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.43 1.03 0.00	33.21 1.00 0.00	31.70 1.01 0.00	30.65 0.98 0.00	30.53 0.83 0.00	33.77 1.11 0.00	46.87 1.54 0.00	56.78 2.18 0.00	50.49 1.71 0.00	42.54 1.44 0.00	42.50 1.56 0.00	38.11 1.40 0.00	37.43 1.37 0.00	37.02 1.56 0.00	38.90 1.60 0.00	42.01 1.81 0.00	46.24 2.16 0.00	48.39 2.22 0.00	55.57 2.44 0.00	56.50 2.43 0.00	54.94 2.47 0.00	48.68 2.01 0.00	39.94 1.54 0.00	34.69 1.30 0.00
FORT ORANGE___ 23900	35.36 0.96 0.00	33.15 0.93 0.00	31.57 0.89 0.00	30.56 0.89 0.00	30.58 0.89 0.00	33.73 1.08 0.00	46.92 1.59 0.00	56.50 1.91 0.00	50.15 1.36 0.00	42.04 0.95 0.00	41.85 0.90 0.00	37.52 0.81 0.00	36.86 0.79 0.00	36.17 0.71 0.00	38.00 0.71 0.00	41.08 0.88 0.00	45.18 1.10 0.00	47.52 1.34 0.00	54.83 1.70 0.00	55.85 1.78 0.00	54.20 1.73 0.00	48.26 1.59 0.00	39.67 1.27 0.00	34.52 1.14 0.00
FORT_DRUM_COGEN 23780	34.71 0.31 0.00	32.47 0.26 0.00	30.81 0.12 0.00	29.70 0.03 0.00	29.99 0.30 0.00	33.02 0.36 0.00	46.37 1.04 0.00	55.08 0.49 0.00	48.68 -0.10 0.00	40.52 -0.58 0.00	40.25 -0.70 0.00	35.91 -0.81 0.00	35.16 -0.90 0.00	34.65 -0.82 0.00	36.66 -0.63 0.00	39.51 -0.68 0.00	43.24 -0.84 0.00	45.62 -0.55 0.00	53.29 0.16 0.00	55.10 1.03 0.00	53.10 0.63 0.00	47.14 0.47 0.00	38.37 -0.04 0.00	33.25 -0.13 0.00
FOX_HILLS___ESR 323835	35.54 1.13 0.00	33.28 1.06 0.00	31.98 1.29 -0.01	30.91 1.25 0.00	30.73 1.04 0.00	33.70 1.04 0.00	46.96 1.63 0.00	56.72 2.13 0.00	50.54 1.75 0.00	42.79 1.73 0.03	42.96 2.05 0.03	38.48 1.80 0.03	38.27 2.24 0.03	37.63 2.20 0.03	39.35 2.09 0.03	42.61 2.41 0.00	46.90 2.82 0.00	48.90 2.72 0.00	56.21 3.08 0.00	56.72 2.65 0.00	55.20 2.73 0.00	48.92 2.24 0.00	40.48 2.07 0.00	34.99 1.60 0.00
FPL_FAR_ROCK_GT1 24212	36.09 1.69 0.00	33.82 1.61 0.00	32.19 1.50 0.00	31.06 1.39 0.00	30.88 1.19 0.00	34.13 1.47 0.00	47.05 1.72 0.00	57.05 2.46 0.00	50.88 2.10 0.00	43.48 2.38 0.00	43.73 2.66 -0.12	39.19 2.46 -0.02	38.53 2.45 -0.02	39.09 2.52 -1.11	39.88 2.57 -0.02	51.67 2.90 -8.58	55.27 3.26 -7.93	54.10 3.33 -4.59	56.97 3.83 -0.02	58.18 3.51 -0.59	56.00 3.52 -0.02	49.72 3.03 -0.02	41.21 2.80 0.00	35.59 2.20 0.00
FPL_FAR_ROCK_GT2 23815	36.09 1.69 0.00	33.82 1.61 0.00	32.19 1.50 0.00	31.06 1.39 0.00	30.88 1.19 0.00	34.13 1.47 0.00	47.05 1.72 0.00	57.05 2.46 0.00	50.88 2.10 0.00	43.48 2.38 0.00	43.73 2.66 -0.12	39.19 2.46 -0.02	38.53 2.45 -0.02	39.09 2.52 -1.11	39.88 2.57 -0.02	51.67 2.90 -8.58	55.27 3.26 -7.93	54.10 3.33 -4.59	56.97 3.83 -0.02	58.18 3.51 -0.59	56.00 3.52 -0.02	49.72 3.03 -0.02	41.21 2.80 0.00	35.59 2.20 0.00
FRANKLIN_FALL_HYD 24054	34.85 0.45 0.00	32.54 0.32 0.00	31.05 0.37 0.00	29.99 0.33 0.00	30.23 0.53 0.00	33.05 0.39 0.00	45.51 0.18 0.00	54.48 -0.11 0.00	49.03 0.24 0.00	41.55 0.45 0.00	41.19 0.25 0.00	36.94 0.22 0.00	36.32 0.25 0.00	35.71 0.25 0.00	37.74 0.45 0.00	40.64 0.44 0.00	44.08 0.00 0.00	45.99 -0.18 0.00	52.70 -0.43 0.00	53.91 -0.16 0.00	52.10 -0.37 0.00	46.63 -0.05 0.00	38.37 -0.04 0.00	33.35 -0.03 0.00

FREEPORT_EQUS_GT1 23764	35.95 1.55 0.00	33.70 1.48 0.00	32.07 1.38 0.00	30.94 1.27 0.00	30.76 1.07 0.00	34.00 1.34 0.00	46.74 1.41 0.00	56.67 2.07 0.00	50.54 1.75 0.00	43.19 2.09 0.00	43.45 2.42 -0.09	38.97 2.24 -0.01	38.35 2.27 -0.01	38.64 2.34 -0.84	39.70 2.39 -0.01	49.38 2.69 -6.49	52.82 3.04 -5.70	52.62 3.09 -3.34	56.65 3.51 -0.01	57.75 3.24 -0.43	55.74 3.25 -0.01	49.53 2.85 -0.01	41.05 2.65 0.00	35.45 2.07 0.00
FREEPORT___CT2 23818	35.95 1.55 0.00	33.70 1.48 0.00	32.07 1.38 0.00	30.94 1.27 0.00	30.76 1.07 0.00	34.00 1.34 0.00	46.74 1.41 0.00	56.67 2.07 0.00	50.54 1.75 0.00	43.19 2.09 0.00	43.45 2.42 -0.09	38.97 2.24 -0.01	38.35 2.27 -0.01	38.64 2.34 -0.84	39.70 2.39 -0.01	49.38 2.69 -6.49	52.82 3.04 -5.70	52.62 3.09 -3.34	56.65 3.51 -0.01	57.75 3.24 -0.43	55.74 3.25 -0.01	49.53 2.85 -0.01	41.05 2.65 0.00	35.45 2.07 0.00
FRESHKLS_33_KV_LOAD 356253	35.57 1.17 0.00	33.28 1.06 0.00	32.01 1.32 -0.01	30.97 1.31 0.00	30.76 1.07 0.00	33.70 1.05 0.00	46.96 1.63 0.00	56.67 2.07 0.00	50.54 1.76 0.00	42.84 1.77 0.03	42.97 2.05 0.03	39.04 2.35 0.03	38.31 2.27 0.03	37.67 2.23 0.03	39.32 2.05 0.03	42.57 2.37 0.00	46.90 2.82 0.00	48.90 2.72 0.00	56.16 3.03 0.00	56.72 2.65 0.00	55.25 2.78 0.00	48.96 2.29 0.00	40.52 2.11 0.00	34.99 1.60 0.00
FULTON COGEN____ 23766	33.65 -0.76 0.00	31.51 -0.71 0.00	29.98 -0.71 0.00	28.99 -0.68 0.00	29.04 -0.65 0.00	31.87 -0.78 0.00	44.33 -1.00 0.00	53.34 -1.26 0.00	47.66 -1.12 0.00	40.23 -0.86 0.00	40.09 -0.86 0.00	35.91 -0.81 0.00	35.23 -0.83 0.00	34.65 -0.82 0.00	36.40 -0.90 0.00	39.19 -1.00 0.00	43.07 -1.01 0.00	45.07 -1.11 0.00	51.96 -1.17 0.00	53.10 -0.97 0.00	51.42 -1.05 0.00	45.70 -0.98 0.00	37.56 -0.84 0.00	32.58 -0.80 0.00
FULTON___LFGE 323630	35.74 1.34 0.00	33.47 1.26 0.00	31.85 1.17 0.00	30.82 1.16 0.00	30.88 1.19 0.00	34.09 1.44 0.00	47.87 2.54 0.00	57.76 3.17 0.00	50.98 2.20 0.00	42.12 1.03 0.00	41.52 0.57 0.00	37.08 0.37 0.00	36.35 0.29 0.00	35.71 0.25 0.00	37.82 0.52 0.00	41.20 1.01 0.00	45.45 1.37 0.00	47.93 1.75 0.00	55.73 2.60 0.00	57.15 3.08 0.00	55.30 2.83 0.00	49.01 2.33 0.00	40.09 1.69 0.00	34.75 1.37 0.00
G.F.CEMENT___DRP 24184	35.85 1.44 0.00	33.57 1.35 0.00	32.00 1.32 0.00	31.00 1.34 0.00	31.06 1.37 0.00	34.26 1.60 0.00	48.00 2.67 0.00	57.92 3.33 0.00	51.56 2.78 0.00	42.99 1.89 0.00	42.58 1.64 0.00	38.11 1.40 0.00	37.29 1.23 0.00	36.46 1.08 0.00	41.72 1.53 0.00	45.84 1.76 0.00	48.21 2.03 0.00	55.79 2.66 0.00	57.21 3.14 0.00	55.30 2.83 0.00	49.06 2.38 0.00	40.21 1.80 0.00	34.92 1.54 0.00	
GARDENVILLE___LBMP 24039	31.58 -2.82 0.00	29.51 -2.71 0.00	27.74 -2.95 0.00	26.73 -2.94 0.00	26.69 -3.00 0.00	25.15 -3.46 4.05	28.39 -5.08 11.86	34.76 -5.84 13.99	29.55 -5.22 14.01	23.07 -3.90 14.12	23.37 -3.89 13.69	24.59 -3.49 8.64	23.78 -3.50 8.79	24.75 -3.62 7.10	24.12 -3.88 9.30	20.19 -4.46 15.54	20.36 -4.67 19.05	32.18 -5.59 8.41	33.17 -6.38 13.58	37.95 -6.22 9.90	33.46 -6.03 12.98	27.60 -5.55 13.52	29.19 -4.61 4.61	29.07 -4.17 0.14
GARDNVLA_35_KV_LD 355827	31.79 -2.61 0.00	29.70 -2.51 0.00	27.92 -2.76 0.00	26.88 -2.79 0.00	26.84 -2.85 0.00	25.64 -3.23 3.79	29.46 -4.76 11.11	36.09 -5.40 13.10	30.83 -4.83 13.12	24.57 -3.53 12.99	24.83 -3.52 12.59	25.65 -3.12 7.95	25.00 -3.21 7.85	25.48 -3.33 6.65	24.94 -3.62 8.74	21.41 -4.18 14.61	21.86 -4.32 17.91	33.73 -5.26 7.19	35.02 -6.00 12.11	38.55 -5.84 9.68	33.91 -5.72 12.84	28.23 -5.27 13.17	29.86 -4.42 4.13	29.28 -3.97 0.14
GELCKHM___115KV_LOAD 80723	33.99 -0.41 0.00	31.83 -0.39 0.00	30.28 -0.40 0.00	29.28 -0.39 0.00	29.31 -0.39 0.00	32.20 -0.46 0.00	44.74 -0.59 0.00	53.88 -0.71 0.00	48.20 -0.59 0.00	40.73 -0.37 0.00	40.58 -0.37 0.00	36.35 -0.37 0.00	35.70 -0.36 0.00	35.11 -0.35 0.00	36.89 -0.41 0.00	39.71 -0.48 0.00	43.60 -0.48 0.00	45.58 -0.60 0.00	52.55 -0.58 0.00	53.53 -0.54 0.00	51.89 -0.58 0.00	46.12 -0.56 0.00	37.94 -0.46 0.00	32.92 -0.47 0.00
GENERAL___MILLS 23808	31.72 -2.68 0.00	29.64 -2.58 0.00	27.86 -2.82 0.00	26.85 -2.82 0.00	26.81 -2.88 0.00	25.53 -3.30 3.83	29.25 -4.85 11.23	35.78 -5.57 13.24	30.55 -4.98 13.26	24.27 -3.66 13.17	24.54 -3.64 12.76	25.39 -3.27 8.05	24.75 -3.32 8.00	25.31 -3.44 6.72	24.74 -3.73 8.83	21.14 -4.30 14.75	21.55 -4.45 18.08	33.44 -5.36 7.38	34.63 -6.16 12.34	38.35 -6.00 9.72	33.79 -5.82 12.86	28.09 -5.37 13.22	29.75 -4.45 4.20	29.21 -4.04 0.14
GE_PLASTICS___DRP 24183	35.06 0.65 0.00	32.86 0.64 0.00	31.33 0.64 0.00	30.32 0.65 0.00	30.35 0.65 0.00	33.44 0.78 0.00	46.46 1.13 0.00	55.96 1.36 0.00	49.86 1.07 0.00	41.84 0.74 0.00	41.68 0.74 0.00	37.41 0.70 0.00	36.71 0.65 0.00	36.07 0.60 0.00	37.89 0.60 0.00	40.92 0.72 0.00	44.96 0.88 0.00	47.24 1.06 0.00	54.40 1.28 0.00	55.37 1.30 0.00	53.73 1.26 0.00	47.84 1.17 0.00	39.33 0.92 0.00	34.25 0.87 0.00
GILBOA___1 23756	34.71 0.31 0.00	32.54 0.32 0.00	30.99 0.31 0.00	29.96 0.30 0.00	29.96 0.27 0.00	33.02 0.36 0.00	45.88 0.55 0.00	55.36 0.76 0.00	49.32 0.54 0.00	41.51 0.41 0.00	41.40 0.45 0.00	37.12 0.40 0.00	36.46 0.40 0.00	35.86 0.39 0.00	37.71 0.41 0.00	40.68 0.48 0.00	44.65 0.57 0.00	46.82 0.65 0.00	53.77 0.64 0.00	54.72 0.65 0.00	53.21 0.73 0.00	47.33 0.65 0.00	38.90 0.50 0.00	33.82 0.43 0.00
GILBOA___2 23757	34.71 0.31 0.00	32.54 0.32 0.00	30.99 0.31 0.00	29.96 0.30 0.00	29.96 0.27 0.00	33.02 0.36 0.00	45.88 0.55 0.00	55.36 0.76 0.00	49.32 0.54 0.00	41.51 0.41 0.00	41.40 0.45 0.00	37.12 0.40 0.00	36.46 0.40 0.00	35.86 0.39 0.00	37.71 0.41 0.00	40.68 0.48 0.00	44.65 0.57 0.00	46.82 0.65 0.00	53.77 0.64 0.00	54.72 0.65 0.00	53.21 0.73 0.00	47.33 0.65 0.00	38.90 0.50 0.00	33.82 0.43 0.00
GILBOA___3 23758	34.71 0.31 0.00	32.54 0.32 0.00	30.99 0.31 0.00	29.96 0.30 0.00	29.96 0.27 0.00	33.02 0.36 0.00	45.88 0.55 0.00	55.36 0.76 0.00	49.32 0.54 0.00	41.51 0.41 0.00	41.40 0.45 0.00	37.12 0.40 0.00	36.46 0.40 0.00	35.86 0.39 0.00	37.71 0.41 0.00	40.68 0.48 0.00	44.65 0.57 0.00	46.82 0.65 0.00	53.77 0.64 0.00	54.72 0.65 0.00	53.21 0.73 0.00	47.33 0.65 0.00	38.90 0.50 0.00	33.82 0.43 0.00
GILBOA___4 23759	34.71 0.31 0.00	32.54 0.32 0.00	30.99 0.31 0.00	29.96 0.30 0.00	29.96 0.27 0.00	33.02 0.36 0.00	45.88 0.55 0.00	55.36 0.76 0.00	49.32 0.54 0.00	41.51 0.41 0.00	41.40 0.45 0.00	37.12 0.40 0.00	36.46 0.40 0.00	35.86 0.39 0.00	37.71 0.41 0.00	40.68 0.48 0.00	44.65 0.57 0.00	46.82 0.65 0.00	53.77 0.64 0.00	54.72 0.65 0.00	53.21 0.73 0.00	47.33 0.65 0.00	38.90 0.50 0.00	33.82 0.43 0.00

GILBOA____ 23599	34.71 0.31 0.00	32.54 0.32 0.00	30.99 0.31 0.00	29.96 0.30 0.00	29.96 0.27 0.00	33.02 0.36 0.00	45.87 0.54 0.00	55.30 0.71 0.00	49.32 0.54 0.00	41.51 0.41 0.00	41.40 0.45 0.00	37.16 0.44 0.00	36.46 0.40 0.00	35.85 0.39 0.00	37.71 0.41 0.00	40.68 0.48 0.00	44.65 0.57 0.00	46.82 0.65 0.00	53.93 0.80 0.00	54.72 0.65 0.00	53.21 0.73 0.00	47.33 0.65 0.00	38.90 0.50 0.00	33.82 0.43 0.00
GINNA____ 23603	31.72 -2.68 0.00	29.73 -2.48 0.00	28.14 -2.55 0.00	27.18 -2.49 0.00	27.20 -2.49 0.00	30.65 -2.78 -0.77	43.76 -3.81 -2.24	52.70 -4.53 -2.64	47.82 -3.61 -2.64	40.80 -2.96 -2.67	40.58 -2.95 -2.58	35.74 -2.61 -1.63	34.34 -2.60 -0.87	34.32 -2.48 -1.34	36.40 -2.65 -1.75	39.99 -3.14 -2.93	44.27 -3.39 -3.59	42.48 -3.70 0.00	49.58 -4.20 -0.65	51.52 -4.11 -1.56	42.29 -3.99 6.19	37.15 -3.83 5.70	34.47 -3.26 0.67	30.56 -2.84 -0.02
GLEN PARK____ 23778	34.78 0.38 0.00	32.50 0.29 0.00	30.84 0.15 0.00	29.73 0.06 0.00	30.05 0.36 0.00	33.05 0.39 0.00	46.51 1.18 0.00	55.25 0.66 0.00	48.83 0.05 0.00	40.61 -0.49 0.00	40.33 -0.61 0.00	35.94 -0.77 0.00	35.20 -0.87 0.00	34.68 -0.78 0.00	36.70 -0.60 0.00	39.55 -0.64 0.00	43.33 -0.75 0.00	45.76 -0.42 0.00	53.50 0.37 0.00	55.42 1.35 0.00	53.36 0.89 0.00	47.33 0.65 0.00	38.48 0.08 0.00	33.32 -0.07 0.00
GLENDALE_27_KV_LOAD 356172	35.68 1.27 0.00	33.41 1.19 0.00	31.95 1.26 -0.01	30.94 1.28 0.00	30.73 1.04 0.00	33.90 1.24 0.00	47.23 1.90 0.00	57.10 2.51 0.00	51.03 2.24 0.00	43.29 2.18 -0.02	43.34 2.37 -0.02	39.01 2.28 -0.02	38.39 2.31 -0.02	37.86 2.38 -0.02	39.66 2.35 -0.02	42.93 2.73 0.00	47.21 3.13 0.00	49.23 3.05 0.00	56.42 3.29 0.00	57.04 2.97 0.00	55.51 3.04 0.00	49.20 2.52 0.00	40.55 2.15 0.00	35.12 1.74 0.00
GLENWOOD_IC_1_G5 23712	35.74 1.34 0.00	33.47 1.26 0.00	31.91 1.23 0.00	30.88 1.22 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.87 1.54 0.00	56.78 2.18 0.00	50.68 1.90 0.00	43.28 2.18 0.00	43.39 2.33 0.00	38.90 2.17 -0.11	38.24 2.16 -0.02	38.74 2.27 -1.00	39.62 2.31 -0.02	50.63 2.65 -7.78	54.12 3.00 -7.04	53.31 3.05 -4.08	56.44 3.29 -0.01	57.73 3.14 -0.53	55.53 3.04 -0.01	49.30 2.61 -0.01	40.71 2.30 0.00	35.19 1.80 0.00
GLENWOOD_IC_2_G1 23688	35.54 1.13 0.00	33.31 1.10 0.00	31.76 1.07 0.00	30.68 1.01 0.00	30.56 0.86 0.00	33.77 1.11 0.00	46.78 1.45 0.00	56.72 2.13 0.00	50.54 1.75 0.00	42.95 1.85 0.00	43.04 2.09 -0.01	38.66 1.94 0.00	38.01 1.95 0.00	37.57 2.06 -0.05	39.39 2.09 0.00	42.96 2.41 -0.35	47.14 2.73 -0.33	49.14 2.77 -0.19	56.21 3.08 0.00	56.90 2.81 -0.02	55.25 2.78 0.00	49.06 2.38 0.00	40.44 2.03 0.00	35.02 1.64 0.00
GLENWOOD_IC_3_G1 23689	35.54 1.13 0.00	33.31 1.10 0.00	31.76 1.07 0.00	30.68 1.01 0.00	30.56 0.86 0.00	33.77 1.11 0.00	46.78 1.45 0.00	56.72 2.13 0.00	50.54 1.75 0.00	42.95 1.85 0.00	43.04 2.09 -0.01	38.66 1.94 0.00	38.01 1.95 0.00	37.57 2.06 -0.05	39.39 2.09 0.00	42.96 2.41 -0.35	47.14 2.73 -0.33	49.14 2.77 -0.19	56.21 3.08 0.00	56.90 2.81 -0.02	55.25 2.78 0.00	49.06 2.38 0.00	40.44 2.03 0.00	35.02 1.64 0.00
GLENWOOD___4 23550	35.74 1.34 0.00	33.47 1.26 0.00	31.91 1.23 0.00	30.88 1.22 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.87 1.54 0.00	56.78 2.18 0.00	50.68 1.90 0.00	43.28 2.18 0.00	43.39 2.33 -0.11	38.90 2.17 -0.02	38.24 2.16 -0.02	38.74 2.27 -1.00	39.62 2.31 -0.02	50.63 2.65 -7.78	54.12 3.00 -7.04	53.31 3.05 -4.08	56.44 3.29 -0.01	57.73 3.14 -0.53	55.53 3.04 -0.01	49.30 2.61 -0.01	40.71 2.30 0.00	35.19 1.80 0.00
GLENWOOD___5 23614	35.74 1.34 0.00	33.47 1.26 0.00	31.91 1.23 0.00	30.88 1.22 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.87 1.54 0.00	56.78 2.18 0.00	50.68 1.90 0.00	43.28 2.18 0.00	43.39 2.33 -0.11	38.90 2.17 -0.02	38.24 2.16 -0.02	38.74 2.27 -1.00	39.62 2.31 -0.02	50.63 2.65 -7.78	54.12 3.00 -7.04	53.31 3.05 -4.08	56.44 3.29 -0.01	57.73 3.14 -0.53	55.53 3.04 -0.01	49.30 2.61 -0.01	40.71 2.30 0.00	35.19 1.80 0.00
GLOBAL GREEN_PORT_GT1 23814	36.91 2.51 0.00	34.73 2.51 0.00	32.99 2.30 0.00	31.81 2.14 0.00	31.68 1.99 0.00	34.72 2.06 0.00	47.69 2.36 0.00	57.65 3.06 0.00	51.61 2.83 0.00	44.34 3.25 0.00	45.15 4.13 -0.07	40.36 3.64 -0.01	39.57 3.50 -0.01	39.83 3.69 -0.68	41.04 3.73 -0.01	49.77 4.30 -5.27	53.14 4.63 -4.43	53.41 4.66 -2.57	58.35 5.21 -0.01	59.64 5.24 -0.33	57.41 4.93 -0.01	51.45 4.76 -0.01	42.55 4.15 0.00	36.59 3.21 0.00
GLOBE___DSASP 323697	31.00 -3.41 0.00	28.51 -3.70 0.00	26.85 -3.84 0.00	25.84 -3.83 0.00	26.25 -3.44 0.00	24.65 -4.44 3.57	28.73 -6.07 10.52	34.93 -7.26 12.41	30.02 -6.34 12.42	23.89 -5.26 11.94	24.21 -5.16 11.58	24.75 -4.66 7.30	24.87 -4.26 6.94	24.80 -4.36 6.30	24.64 -4.33 8.33	21.18 -5.11 13.92	21.60 -5.42 17.06	33.61 -6.65 5.92	34.63 -7.65 10.84	36.43 -7.57 10.07	33.66 -7.35 11.46	28.43 -6.58 11.66	29.50 -5.41 3.49	28.18 -5.07 0.13
GOETHSLN___LBMP 323567	35.29 0.89 0.01	33.04 0.84 0.01	31.54 0.86 0.00	30.55 0.89 0.01	30.37 0.68 0.01	33.60 0.95 0.01	46.82 1.50 0.01	56.66 2.07 0.01	50.54 1.76 0.00	42.85 1.77 0.01	42.90 1.97 0.01	38.51 1.80 0.01	37.86 1.80 0.01	37.41 1.95 0.01	39.26 1.98 0.01	42.53 2.33 0.00	46.77 2.69 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.67 2.60 0.00	54.99 2.52 0.00	48.77 2.10 0.01	40.16 1.77 0.01	34.78 1.40 0.01
GOLAH___69_KV_TB 1_2 80279	32.99 -1.41 0.00	30.93 -1.29 0.00	29.21 -1.47 0.00	28.18 -1.48 0.00	28.21 -1.48 0.00	31.77 -1.70 -0.81	45.36 -2.31 -2.35	54.85 -2.51 -2.77	49.41 -2.15 -2.77	42.14 -1.81 -2.85	41.87 -1.84 -2.76	36.81 -1.65 -1.75	35.36 -1.62 -0.92	35.24 -1.63 -1.41	37.44 -1.68 -1.82	41.12 -2.13 -3.05	45.44 -2.38 -3.74	43.32 -2.86 0.00	50.91 -3.08 -0.86	53.25 -2.87 -2.05	42.71 -2.73 7.03	37.55 -2.66 6.47	35.34 -2.30 0.75	31.40 -2.00 -0.02
GOODYEAR_LAKE_HYD 323669	34.95 0.55 0.00	32.73 0.52 0.00	31.11 0.43 0.00	30.05 0.39 0.00	30.11 0.42 0.00	33.18 0.52 0.00	46.33 1.00 0.00	55.85 1.26 0.00	49.81 1.02 0.00	41.84 0.74 0.00	41.68 0.74 0.00	37.34 0.62 0.00	36.64 0.58 0.00	36.03 0.57 0.00	37.93 0.63 0.00	40.96 0.76 0.00	45.01 0.93 0.00	47.19 1.02 0.00	54.51 1.38 0.00	55.53 1.46 0.00	57.53 1.36 0.00	51.15 1.07 -3.69	39.53 0.73 -3.40	33.95 0.57 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.20 -0.21 0.00	31.99 -0.23 0.00	30.38 -0.31 0.00	29.34 -0.33 0.00	29.37 -0.33 0.00	31.56 -0.36 0.74	42.72 -0.45 2.15	51.45 -0.60 2.54	45.70 -0.54 2.54	38.30 -0.25 2.55	38.22 -0.25 2.48	34.90 -0.26 1.56	34.93 -0.29 0.84	33.85 -0.32 1.30	35.19 -0.41 1.69	36.88 -0.48 2.84	40.20 -0.40 3.48	45.67 -0.51 0.00	52.10 -0.48 0.55	52.36 -0.38 1.33	69.21 -0.42 -17.16	62.00 -0.47 -15.79	39.86 -0.38 -1.85	32.93 -0.43 0.02

GOWANUS_GT4_5 24134	35.61 1.20 0.00	33.31 1.10 0.00	31.95 1.26 -0.01	30.91 1.25 0.00	30.70 1.01 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.83 2.24 0.00	50.73 1.95 0.00	43.01 1.93 0.01	43.10 2.17 0.01	39.05 2.35 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.36 2.89 0.00	49.06 2.38 0.00	40.52 2.11 0.00	35.02 1.64 0.00
GOWANUS_GT4_6 24135	35.61 1.20 0.00	33.31 1.10 0.00	31.95 1.26 -0.01	30.91 1.25 0.00	30.70 1.01 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.83 2.24 0.00	50.73 1.95 0.00	43.01 1.93 0.01	43.10 2.17 0.01	39.05 2.35 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.36 2.89 0.00	49.06 2.38 0.00	40.52 2.11 0.00	35.02 1.64 0.00
GOWANUS_GT4_7 24136	35.61 1.20 0.00	33.31 1.10 0.00	31.95 1.26 -0.01	30.91 1.25 0.00	30.70 1.01 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.83 2.24 0.00	50.73 1.95 0.00	43.01 1.93 0.01	43.10 2.17 0.01	39.05 2.35 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.36 2.89 0.00	49.06 2.38 0.00	40.52 2.11 0.00	35.02 1.64 0.00
GOWANUS_GT4_8 24137	35.61 1.20 0.00	33.31 1.10 0.00	31.95 1.26 -0.01	30.91 1.25 0.00	30.70 1.01 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.83 2.24 0.00	50.73 1.95 0.00	43.01 1.93 0.01	43.10 2.17 0.01	39.05 2.35 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.36 2.89 0.00	49.06 2.38 0.00	40.52 2.11 0.00	35.02 1.64 0.00
GREATVRV_69_KV_BK1 356245	36.43 2.03 0.00	34.18 1.97 0.00	32.49 1.81 0.00	31.45 1.78 0.00	31.15 1.46 0.00	34.35 1.70 0.00	47.19 1.86 0.00	57.05 2.46 0.00	51.08 2.29 0.00	44.06 2.96 0.00	44.29 3.28 -0.07	39.66 2.94 -0.01	38.96 2.89 -0.01	39.20 3.05 -0.69	40.36 3.06 -0.01	49.10 3.54 -5.37	52.54 3.92 -4.53	52.82 4.02 -2.63	57.44 4.30 -0.01	58.74 4.33 -0.34	56.63 4.15 -0.01	50.56 3.87 -0.01	41.82 3.42 0.00	35.99 2.60 0.00
GREENBSH_115KV_TB3 55895	35.23 0.83 0.00	33.02 0.81 0.00	31.48 0.80 0.00	30.47 0.80 0.00	30.50 0.80 0.00	33.64 0.98 0.00	46.73 1.41 0.00	56.29 1.69 0.00	50.10 1.32 0.00	42.00 0.90 0.00	41.85 0.84 0.00	37.56 0.84 0.00	36.89 0.83 0.00	36.17 0.71 0.00	38.00 0.71 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.43 1.25 0.00	54.67 1.54 0.00	55.64 1.57 0.00	53.99 1.52 0.00	48.08 1.40 0.00	39.56 1.15 0.00	34.45 1.07 0.00
GREENDGE_115KV_TB5 80291	33.78 -0.62 0.00	31.60 -0.61 0.00	29.89 -0.80 0.00	28.87 -0.80 0.00	28.89 -0.80 0.00	35.60 -0.91 -3.86	55.15 -1.27 -11.09	66.06 -1.64 -13.10	60.39 -1.51 -13.12	55.35 -0.99 -15.24	54.65 -1.06 -14.77	44.97 -1.06 -9.32	44.11 -1.15 -9.20	40.88 -1.21 -6.62	44.36 -1.34 -8.40	52.68 -1.61 -14.09	59.82 -1.54 -17.29	53.73 -1.75 -9.30	62.36 -1.75 -10.98	53.85 -1.46 -1.24	31.89 -1.52 19.06	29.35 -1.54 15.79	38.56 -1.34 -1.50	32.08 -1.34 -0.03
GREENIDGE___3 23582	33.78 -0.62 0.00	31.60 -0.61 0.00	29.89 -0.80 0.00	28.87 -0.80 0.00	28.89 -0.80 0.00	35.60 -0.91 -3.86	55.15 -1.27 -11.09	66.06 -1.64 -13.10	60.39 -1.51 -13.12	55.35 -0.99 -15.24	54.65 -1.06 -14.77	44.97 -1.06 -9.32	44.11 -1.15 -9.20	40.88 -1.21 -6.62	44.36 -1.34 -8.40	52.68 -1.61 -14.09	59.82 -1.54 -17.29	53.73 -1.75 -9.30	62.36 -1.75 -10.98	53.85 -1.46 -1.24	31.89 -1.52 19.06	29.35 -1.54 15.79	38.56 -1.34 -1.50	32.08 -1.34 -0.03
GREENIDGE___4 23583	33.78 -0.62 0.00	31.60 -0.61 0.00	29.89 -0.80 0.00	28.90 -0.77 0.00	28.92 -0.77 0.00	35.60 -0.91 -3.86	55.15 -1.27 -11.09	66.06 -1.64 -13.10	60.39 -1.51 -13.12	55.39 -0.94 -15.24	54.69 -1.02 -14.77	44.97 -1.07 -9.32	44.11 -1.16 -9.20	40.88 -1.21 -6.62	44.36 -1.34 -8.40	52.68 -1.61 -14.09	59.82 -1.54 -17.29	53.73 -1.75 -9.30	62.30 -1.81 -10.98	53.86 -1.46 -1.24	31.89 -1.52 19.06	29.35 -1.54 15.79	38.56 -1.35 -1.50	32.08 -1.34 -0.03
GREENLWN_69_KV_BK 3 55738	35.92 1.51 0.00	33.66 1.45 0.00	32.03 1.35 0.00	31.00 1.34 0.00	30.73 1.04 0.00	33.90 1.24 0.00	46.51 1.18 0.00	56.29 1.69 0.00	50.34 1.56 0.00	43.36 2.26 0.00	43.56 2.54 -0.07	39.04 2.31 -0.01	38.38 2.31 -0.01	38.60 2.45 -0.69	39.73 2.42 -0.01	48.39 2.85 -5.34	51.72 3.13 -4.51	51.93 3.14 -2.61	56.38 3.24 -0.01	57.54 3.14 -0.34	55.52 3.04 -0.01	49.63 2.94 -0.01	41.09 2.69 0.00	35.45 2.07 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.61 1.20 0.00	33.31 1.10 0.00	31.95 1.26 -0.01	30.91 1.25 0.00	30.70 1.01 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.83 2.24 0.00	50.73 1.95 0.00	43.01 1.93 0.01	43.10 2.17 0.01	39.05 2.35 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.36 2.89 0.00	49.06 2.38 0.00	40.52 2.11 0.00	35.02 1.64 0.00
GRISSOM___SOLAR 323813	35.71 1.31 0.00	33.44 1.22 0.00	31.82 1.14 0.00	30.82 1.16 0.00	30.88 1.19 0.00	34.06 1.40 0.00	47.82 2.49 0.00	57.65 3.06 0.00	50.88 2.10 0.00	42.08 0.98 0.00	41.44 0.49 0.00	37.01 0.29 0.00	36.32 0.25 0.00	35.68 0.21 0.00	37.78 0.48 0.00	41.16 0.96 0.00	45.36 1.28 0.00	47.89 1.71 0.00	55.63 2.50 0.00	57.04 2.97 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.09 1.69 0.00	34.75 1.37 0.00
GROVEVILLE___HYD 323602	35.43 1.03 0.00	33.21 1.00 0.00	31.70 1.01 0.00	30.65 0.98 0.00	30.53 0.83 0.00	33.77 1.11 0.00	46.87 1.54 0.00	56.78 2.18 0.00	50.49 1.71 0.00	42.54 1.44 0.00	42.50 1.56 0.00	38.11 1.40 0.00	37.43 1.37 0.00	37.02 1.56 0.00	38.90 1.60 0.00	42.01 1.81 0.00	46.24 2.16 0.00	48.39 2.22 0.00	55.57 2.44 0.00	56.50 2.43 0.00	54.94 2.47 0.00	48.68 2.01 0.00	39.94 1.54 0.00	34.69 1.30 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.16 -0.24 0.00	31.99 -0.23 0.00	30.44 -0.25 0.00	29.43 -0.24 0.00	29.46 -0.24 0.00	32.36 -0.29 0.00	44.97 -0.36 0.00	54.16 -0.44 0.00	48.39 -0.39 0.00	40.89 -0.21 0.00	40.74 -0.20 0.00	36.50 -0.22 0.00	35.85 -0.22 0.00	35.22 -0.25 0.00	37.04 -0.26 0.00	39.84 -0.36 0.00	43.77 -0.31 0.00	45.81 -0.37 0.00	52.76 -0.37 0.00	53.80 -0.27 0.00	52.16 -0.31 0.00	46.35 -0.33 0.00	38.13 -0.27 0.00	33.08 -0.30 0.00
HAMLTNNY_34_KV_TB 80303	34.13 -0.28 0.00	31.96 -0.26 0.00	30.38 -0.31 0.00	29.37 -0.30 0.00	29.40 -0.30 0.00	32.63 -0.36 -0.33	45.88 -0.41 -0.96	55.18 -0.55 -1.14	49.48 -0.44 -1.14	42.19 -0.21 -1.30	42.00 -0.20 -1.26	37.29 -0.22 -0.79	36.24 -0.25 -0.43	35.76 -0.28 -0.58	37.73 -0.30 -0.73	40.98 -0.44 -1.23	45.19 -0.40 -1.51	45.72 -0.46 0.00	52.70 -0.43 0.00	53.75 -0.32 0.00	49.34 -0.37 2.76	43.72 -0.42 2.54	37.76 -0.35 0.30	33.02 -0.37 0.00

HAMPSHIRE___PAPER_HYD 323593	34.37 -0.03 0.00	32.12 -0.10 0.00	30.59 -0.09 0.00	29.52 -0.15 0.00	29.75 0.06 0.00	32.66 0.00 0.00	45.42 0.09 0.00	54.05 -0.55 0.00	48.00 -0.78 0.00	40.28 -0.82 0.00	39.96 -0.98 0.00	35.76 -0.95 0.00	35.09 -0.97 0.00	34.58 -0.89 0.00	36.51 -0.78 0.00	39.27 -0.92 0.00	42.63 -1.45 0.00	44.79 -1.38 0.00	51.85 -1.28 0.00	53.15 -0.92 0.00	51.32 -1.15 0.00	45.93 -0.75 0.00	37.71 -0.69 0.00	32.78 -0.60 0.00
HARDSCRABBLE_WT_PWR 323673	34.51 0.10 0.00	32.28 0.06 0.00	30.68 0.00 0.00	29.55 -0.12 0.00	29.46 -0.24 0.00	32.33 -0.33 0.00	44.83 -0.50 0.00	53.99 -0.60 0.00	48.20 -0.58 0.00	40.52 -0.58 0.00	40.46 -0.49 0.00	36.35 -0.37 0.00	35.74 -0.33 0.00	35.11 -0.35 0.00	36.85 -0.45 0.00	39.72 -0.48 0.00	43.55 -0.53 0.00	45.72 -0.46 0.00	52.70 -0.43 0.00	53.69 -0.38 0.00	52.05 -0.42 0.00	46.21 -0.47 0.00	37.94 -0.46 0.00	32.95 -0.43 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.16 0.76 0.00	32.96 0.74 0.00	31.45 0.77 0.00	30.44 0.77 0.00	30.32 0.62 0.00	33.54 0.88 0.00	46.60 1.27 0.00	56.39 1.80 0.00	50.20 1.41 0.00	42.41 1.32 0.00	42.38 1.43 0.00	38.04 1.32 0.00	37.36 1.30 0.00	36.92 1.45 0.00	38.79 1.49 0.00	41.89 1.69 0.00	46.11 2.03 0.00	48.21 2.03 0.00	55.36 2.23 0.00	56.18 2.11 0.00	54.62 2.15 0.00	48.40 1.73 0.00	39.75 1.34 0.00	34.45 1.07 0.00
HARSNRAD_115KV_TB1 81005	31.24 -3.17 0.00	29.15 -3.06 0.00	27.43 -3.25 0.00	26.43 -3.23 0.00	26.46 -3.24 0.00	24.85 -3.82 3.99	28.08 -5.58 11.68	34.37 -6.44 13.78	29.33 -5.66 13.80	22.76 -4.44 13.90	23.09 -4.38 13.47	24.25 -3.97 8.50	23.67 -3.93 8.47	24.51 -3.97 6.98	23.97 -4.18 9.15	20.04 -4.86 15.29	20.22 -5.11 18.74	34.41 -6.14 5.63	34.84 -7.07 11.23	35.32 -6.98 11.78	34.77 -6.72 10.99	29.44 -6.07 11.17	30.04 -5.03 3.33	28.58 -4.64 0.16
HARZA MOOSE___RIVER 24016	34.68 0.28 0.00	32.44 0.23 0.00	30.84 0.15 0.00	29.79 0.12 0.00	29.93 0.24 0.00	32.95 0.29 0.00	46.01 0.68 0.00	54.81 0.22 0.00	48.44 -0.34 0.00	40.44 -0.66 0.00	40.25 -0.70 0.00	36.02 -0.70 0.00	35.31 -0.76 0.00	34.79 -0.67 0.00	36.66 -0.63 0.00	39.51 -0.68 0.00	43.33 -0.75 0.00	45.58 -0.60 0.00	52.76 -0.37 0.00	54.07 0.00 0.00	52.26 -0.21 0.00	46.49 -0.19 0.00	38.06 -0.35 0.00	33.02 -0.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.99 -0.41 0.00	31.83 -0.39 0.00	30.25 -0.43 0.00	29.25 -0.42 0.00	29.28 -0.42 0.00	32.17 -0.49 0.00	44.70 -0.63 0.00	53.88 -0.71 0.00	48.15 -0.63 0.00	40.73 -0.37 0.00	40.58 -0.37 0.00	36.35 -0.37 0.00	35.70 -0.36 0.00	35.07 -0.39 0.00	36.89 -0.41 0.00	39.67 -0.52 0.00	43.55 -0.53 0.00	45.58 -0.60 0.00	52.49 -0.64 0.00	53.53 -0.54 0.00	51.84 -0.63 0.00	46.07 -0.61 0.00	37.90 -0.50 0.00	32.88 -0.50 0.00
HELLGATE_13_KV_LD 55870	35.74 1.34 0.00	33.47 1.26 0.00	32.04 1.35 -0.01	31.00 1.34 0.00	30.79 1.10 0.00	33.90 1.24 0.00	47.23 1.90 0.00	57.10 2.51 0.00	50.98 2.20 0.00	43.29 2.18 -0.01	43.34 2.37 -0.01	39.04 2.31 -0.01	38.39 2.31 -0.01	37.85 2.38 -0.01	39.70 2.39 -0.01	42.93 2.73 0.00	47.25 3.17 0.00	49.23 3.05 0.00	56.42 3.29 0.00	57.04 2.97 0.00	55.46 2.99 0.00	49.20 2.52 0.00	40.59 2.19 0.00	35.12 1.74 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.74 1.34 0.00	33.47 1.26 0.00	32.04 1.35 -0.01	31.00 1.34 0.00	30.79 1.10 0.00	33.90 1.24 0.00	47.23 1.90 0.00	57.10 2.51 0.00	50.98 2.20 0.00	43.29 2.18 -0.01	43.34 2.37 -0.01	39.04 2.31 -0.01	38.39 2.31 -0.01	37.85 2.38 -0.01	39.70 2.39 -0.01	42.93 2.73 0.00	47.25 3.17 0.00	49.23 3.05 0.00	56.42 3.29 0.00	57.04 2.97 0.00	55.46 2.99 0.00	49.20 2.52 0.00	40.59 2.19 0.00	35.12 1.74 0.00
HEMPSTEAD___ 23647	35.68 1.27 0.00	33.44 1.22 0.00	31.85 1.17 0.00	30.73 1.07 0.00	30.58 0.89 0.00	33.77 1.11 0.00	46.55 1.22 0.00	56.45 1.86 0.00	50.34 1.56 0.00	42.99 1.89 0.00	43.25 2.21 -0.10	38.78 2.05 -0.01	38.17 2.09 -0.01	38.57 2.20 -0.91	39.51 2.20 -0.01	49.72 2.49 -7.03	53.16 2.82 -6.26	52.68 2.86 -3.64	56.33 3.19 -0.01	57.46 2.92 -0.47	55.37 2.88 -0.01	49.21 2.52 -0.01	40.75 2.34 0.00	35.22 1.83 0.00
HICKLING___1 23621	33.37 -1.03 0.00	31.18 -1.03 0.00	29.46 -1.23 0.00	28.45 -1.22 0.00	28.45 -1.25 0.00	29.91 -1.44 1.31	39.45 -2.04 3.84	47.33 -2.73 4.53	41.76 -2.49 4.54	34.95 -1.56 4.58	34.91 -1.60 4.44	32.37 -1.54 2.80	34.42 -1.62 0.02	31.47 -1.70 2.30	32.38 -1.94 2.98	32.95 -2.25 5.00	35.70 -2.25 6.13	47.08 -2.54 -3.44	53.66 -2.71 -3.24	50.12 -2.43 1.52	18.01 -2.47 31.99	15.59 -2.29 28.80	34.35 -1.92 2.13	31.54 -1.84 0.01
HICKLING___2 23622	33.37 -1.03 0.00	31.18 -1.03 0.00	29.46 -1.23 0.00	28.45 -1.22 0.00	28.45 -1.25 0.00	29.91 -1.44 1.31	39.45 -2.04 3.84	47.33 -2.73 4.53	41.76 -2.49 4.54	34.95 -1.56 4.58	34.91 -1.60 4.44	32.37 -1.54 2.80	34.42 -1.62 0.02	31.47 -1.70 2.30	32.38 -1.94 2.98	32.95 -2.25 5.00	35.70 -2.25 6.13	47.08 -2.54 -3.44	53.66 -2.71 -3.24	50.12 -2.43 1.52	18.01 -2.47 31.99	15.59 -2.29 28.80	34.35 -1.92 2.13	31.54 -1.84 0.01
HIGH FALLS___HY 23754	35.30 0.89 0.00	33.08 0.87 0.00	31.54 0.86 0.00	30.50 0.83 0.00	30.38 0.68 0.00	33.64 0.98 0.00	46.69 1.36 0.00	56.56 1.97 0.00	50.25 1.46 0.00	42.33 1.23 0.00	42.30 1.35 0.00	37.93 1.21 0.00	37.25 1.19 0.00	36.85 1.38 0.00	38.71 1.42 0.00	41.76 1.57 0.00	46.02 1.94 0.00	48.16 1.99 0.00	55.36 2.23 0.00	56.23 2.16 0.00	54.73 2.26 0.00	48.45 1.77 0.00	39.75 1.34 0.00	34.49 1.10 0.00
HIGH_RIVER___SOLAR 323847	35.30 0.89 0.00	33.05 0.84 0.00	31.48 0.80 0.00	30.47 0.80 0.00	30.50 0.80 0.00	33.64 0.98 0.00	46.96 1.63 0.00	56.56 1.96 0.00	50.15 1.36 0.00	41.75 0.66 0.00	41.31 0.37 0.00	36.97 0.26 0.00	36.28 0.22 0.00	35.64 0.18 0.00	37.63 0.33 0.00	40.88 0.68 0.00	45.01 0.93 0.00	47.43 1.25 0.00	54.83 1.70 0.00	56.07 2.00 0.00	54.31 1.84 0.00	48.21 1.54 0.00	39.60 1.19 0.00	34.38 1.00 0.00
HILLBURN___GT 23639	35.13 0.72 0.00	32.92 0.71 0.00	31.42 0.74 0.00	30.38 0.71 0.00	30.29 0.59 0.00	33.50 0.85 0.00	46.60 1.27 0.00	56.45 1.86 0.00	50.24 1.46 0.00	42.45 1.35 0.00	42.50 1.56 0.00	38.19 1.47 0.00	37.51 1.44 0.00	37.06 1.60 0.00	38.90 1.60 0.00	42.05 1.85 0.00	46.24 2.16 0.00	48.35 2.17 0.00	55.58 2.45 0.00	56.29 2.22 0.00	54.67 2.20 0.00	48.49 1.82 0.00	39.83 1.42 0.00	34.52 1.14 0.00
HILLSIDE_115KV_TB1 80332	32.99 -1.41 0.00	30.86 -1.35 0.00	29.15 -1.53 0.00	28.15 -1.51 0.00	28.18 -1.51 0.00	30.13 -1.70 0.83	40.48 -2.40 2.45	48.65 -3.06 2.88	43.11 -2.78 2.89	36.47 -1.89 2.74	36.41 -1.88 2.65	33.24 -1.80 1.68	34.42 -1.84 -0.19	32.09 -1.92 1.46	33.21 -2.16 1.92	34.53 -2.45 3.22	37.66 -2.47 3.95	45.98 -2.77 -2.57	52.31 -3.03 -2.21	49.64 -2.81 1.62	11.47 -2.78 38.22	9.42 -2.57 34.69	33.12 -2.15 3.13	31.40 -1.97 0.01

HISHELDN_WT_PWR 323625	31.82 -2.58 0.00	29.70 -2.51 0.00	27.95 -2.73 0.00	26.97 -2.70 0.00	26.87 -2.82 0.00	23.69 -3.36 5.60	23.95 -5.08 16.30	29.29 -6.06 19.24	24.09 -5.42 19.27	16.54 -4.15 20.40	16.99 -4.18 19.78	20.42 -3.82 12.48	17.73 -3.86 14.48	21.74 -3.97 9.75	20.42 -4.21 12.66	14.16 -4.87 21.17	12.97 -5.16 25.96	23.95 -5.87 16.36	23.48 -6.70 22.96	36.63 -6.49 10.95	30.87 -6.25 15.36	23.72 -5.74 17.21	25.74 -4.76 7.90	28.88 -4.34 0.17
HOLTSVILLE_IC_1 23690	36.05 1.65 0.00	33.86 1.64 0.00	32.19 1.50 0.00	31.06 1.39 0.00	30.91 1.22 0.00	34.00 1.34 0.00	46.65 1.32 0.00	56.50 1.91 0.00	50.44 1.66 0.00	43.32 2.22 0.00	43.84 2.82 -0.07	39.26 2.53 -0.01	38.56 2.49 -0.01	38.80 2.66 -0.68	39.99 2.69 -0.01	48.55 3.10 -5.26	51.90 3.39 -4.42	52.11 3.37 -2.56	56.80 3.66 -0.01	57.97 3.57 -0.33	55.89 3.41 -0.01	50.00 3.31 -0.01	41.40 3.00 0.00	35.69 2.30 0.00
HOLTSVILLE_IC_10 23699	36.22 1.82 0.00	33.99 1.77 0.00	32.31 1.63 0.00	31.18 1.51 0.00	31.03 1.34 0.00	34.13 1.47 0.00	46.82 1.49 0.00	56.72 2.13 0.00	50.68 1.90 0.00	43.52 2.42 0.00	44.05 3.03 -0.07	39.44 2.72 -0.01	38.74 2.67 -0.01	39.01 2.87 -0.68	40.18 2.87 -0.01	48.82 3.33 -5.29	52.15 3.62 -4.45	52.40 3.65 -2.58	57.13 3.99 -0.01	58.30 3.90 -0.33	56.21 3.73 -0.01	50.28 3.59 -0.01	41.63 3.23 0.00	35.85 2.47 0.00
HOLTSVILLE_IC_2 23691	36.05 1.65 0.00	33.86 1.64 0.00	32.19 1.50 0.00	31.06 1.39 0.00	30.91 1.22 0.00	34.00 1.34 0.00	46.65 1.32 0.00	56.50 1.91 0.00	50.44 1.66 0.00	43.32 2.22 0.00	43.84 2.82 -0.07	39.26 2.53 -0.01	38.56 2.49 -0.01	38.80 2.66 -0.68	39.99 2.69 -0.01	48.55 3.10 -5.26	51.90 3.39 -4.42	52.11 3.37 -2.56	56.80 3.66 -0.01	57.97 3.57 -0.33	55.89 3.41 -0.01	50.00 3.31 -0.01	41.40 3.00 0.00	35.69 2.30 0.00
HOLTSVILLE_IC_3 23692	36.05 1.65 0.00	33.86 1.64 0.00	32.19 1.50 0.00	31.06 1.39 0.00	30.91 1.22 0.00	34.00 1.34 0.00	46.65 1.32 0.00	56.50 1.91 0.00	50.44 1.66 0.00	43.32 2.22 0.00	43.84 2.82 -0.07	39.26 2.53 -0.01	38.56 2.49 -0.01	38.80 2.66 -0.68	39.99 2.69 -0.01	48.55 3.10 -5.26	51.90 3.39 -4.42	52.11 3.37 -2.56	56.80 3.66 -0.01	57.97 3.57 -0.33	55.89 3.41 -0.01	50.00 3.31 -0.01	41.40 3.00 0.00	35.69 2.30 0.00
HOLTSVILLE_IC_4 23693	36.05 1.65 0.00	33.86 1.64 0.00	32.19 1.50 0.00	31.06 1.39 0.00	30.91 1.22 0.00	34.00 1.34 0.00	46.65 1.32 0.00	56.50 1.91 0.00	50.44 1.66 0.00	43.32 2.22 0.00	43.84 2.82 -0.07	39.26 2.53 -0.01	38.56 2.49 -0.01	38.80 2.66 -0.68	39.99 2.69 -0.01	48.55 3.10 -5.26	51.90 3.39 -4.42	52.11 3.37 -2.56	56.80 3.66 -0.01	57.97 3.57 -0.33	55.89 3.41 -0.01	50.00 3.31 -0.01	41.40 3.00 0.00	35.69 2.30 0.00
HOLTSVILLE_IC_5 23694	36.05 1.65 0.00	33.86 1.64 0.00	32.19 1.50 0.00	31.06 1.39 0.00	30.91 1.22 0.00	34.00 1.34 0.00	46.65 1.32 0.00	56.50 1.91 0.00	50.44 1.66 0.00	43.32 2.22 0.00	43.84 2.82 -0.07	39.26 2.53 -0.01	38.56 2.49 -0.01	38.80 2.66 -0.68	39.99 2.69 -0.01	48.55 3.10 -5.26	51.90 3.39 -4.42	52.11 3.37 -2.56	56.80 3.66 -0.01	57.97 3.57 -0.33	55.89 3.41 -0.01	50.00 3.31 -0.01	41.40 3.00 0.00	35.69 2.30 0.00
HOLTSVILLE_IC_6 23695	36.22 1.82 0.00	33.99 1.77 0.00	32.31 1.63 0.00	31.18 1.51 0.00	31.03 1.34 0.00	34.13 1.47 0.00	46.82 1.49 0.00	56.72 2.13 0.00	50.68 1.90 0.00	43.52 2.42 0.00	44.05 3.03 -0.07	39.44 2.72 -0.01	38.74 2.67 -0.01	39.01 2.87 -0.68	40.18 2.87 -0.01	48.82 3.33 -5.29	52.15 3.62 -4.45	52.40 3.65 -2.58	57.13 3.99 -0.01	58.30 3.90 -0.33	56.21 3.73 -0.01	50.28 3.59 -0.01	41.63 3.23 0.00	35.85 2.47 0.00
HOLTSVILLE_IC_7 23696	36.22 1.82 0.00	33.99 1.77 0.00	32.31 1.63 0.00	31.18 1.51 0.00	31.03 1.34 0.00	34.13 1.47 0.00	46.82 1.49 0.00	56.72 2.13 0.00	50.68 1.90 0.00	43.52 2.42 0.00	44.05 3.03 -0.07	39.44 2.72 -0.01	38.74 2.67 -0.01	39.01 2.87 -0.68	40.18 2.87 -0.01	48.82 3.33 -5.29	52.15 3.62 -4.45	52.40 3.65 -2.58	57.13 3.99 -0.01	58.30 3.90 -0.33	56.21 3.73 -0.01	50.28 3.59 -0.01	41.63 3.23 0.00	35.85 2.47 0.00
HOLTSVILLE_IC_8 23697	36.22 1.82 0.00	33.99 1.77 0.00	32.31 1.63 0.00	31.18 1.51 0.00	31.03 1.34 0.00	34.13 1.47 0.00	46.82 1.49 0.00	56.72 2.13 0.00	50.68 1.90 0.00	43.52 2.42 0.00	44.05 3.03 -0.07	39.44 2.72 -0.01	38.74 2.67 -0.01	39.01 2.87 -0.68	40.18 2.87 -0.01	48.82 3.33 -5.29	52.15 3.62 -4.45	52.40 3.65 -2.58	57.13 3.99 -0.01	58.30 3.90 -0.33	56.21 3.73 -0.01	50.28 3.59 -0.01	41.63 3.23 0.00	35.85 2.47 0.00
HOLTSVILLE_IC_9 23698	36.22 1.82 0.00	33.99 1.77 0.00	32.31 1.63 0.00	31.18 1.51 0.00	31.03 1.34 0.00	34.13 1.47 0.00	46.82 1.49 0.00	56.72 2.13 0.00	50.68 1.90 0.00	43.52 2.42 0.00	44.05 3.03 -0.07	39.44 2.72 -0.01	38.74 2.67 -0.01	39.01 2.87 -0.68	40.18 2.87 -0.01	48.82 3.33 -5.29	52.15 3.62 -4.45	52.40 3.65 -2.58	57.13 3.99 -0.01	58.30 3.90 -0.33	56.21 3.73 -0.01	50.28 3.59 -0.01	41.63 3.23 0.00	35.85 2.47 0.00
HOMER_HL_115KV_TB2 355744	32.51 -1.89 0.00	30.41 -1.80 0.00	28.60 -2.09 0.00	27.59 -2.08 0.00	27.53 -2.17 0.00	27.02 -2.19 3.45	31.86 -3.35 10.12	38.56 -4.09 11.94	33.07 -3.76 11.95	27.11 -2.05 11.93	27.29 -2.09 11.56	27.55 -1.87 7.30	27.18 -1.98 6.90	27.07 -2.34 6.05	26.44 -2.91 7.94	23.70 -3.22 13.28	24.67 -3.13 16.28	36.68 -3.56 5.95	38.94 -3.98 10.21	41.82 -3.78 8.46	34.44 -3.67 14.36	28.89 -3.45 14.33	31.67 -2.92 3.81	30.50 -2.77 0.12
HOWARD_WT_PWR 323690	32.86 -1.55 0.00	30.60 -1.61 0.00	28.84 -1.84 0.00	27.80 -1.87 0.00	27.76 -1.93 0.00	40.89 -2.45 -10.68	71.89 -4.12 -30.69	85.67 -5.19 -36.26	80.27 -4.83 -36.31	79.57 -3.41 -41.89	78.06 -3.48 -40.60	58.98 -3.34 -25.61	56.81 -3.46 -24.21	50.13 -3.69 -18.36	56.59 -4.03 -23.32	74.39 -4.91 -39.10	87.07 -4.98 -47.97	63.86 -5.50 -23.18	74.69 -6.06 -27.62	51.85 -5.95 -3.73	26.33 -5.77 20.37	26.88 -5.41 14.38	40.53 -4.53 -6.65	29.27 -4.21 -0.09
HQ_GEN_CEDARS 23644	34.92 0.52 0.00	32.63 0.42 0.00	31.14 0.46 0.00	30.08 0.42 0.00	30.29 0.59 0.00	33.15 0.49 0.00	45.74 0.41 0.00	54.76 0.16 0.00	49.17 0.39 0.00	41.59 0.49 0.00	41.27 0.33 0.00	37.01 0.29 0.00	36.42 0.36 0.00	35.82 0.35 0.00	37.78 0.48 0.00	40.64 0.44 0.00	44.08 0.00 0.00	46.04 -0.14 0.00	52.81 -0.32 0.00	53.96 -0.11 0.00	52.31 -0.16 0.00	46.82 0.14 0.00	38.60 0.19 0.00	33.65 0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	34.92 0.52 0.00	32.63 0.42 0.00	31.14 0.46 0.00	30.08 0.42 0.00	30.29 0.59 0.00	33.15 0.49 0.00	45.74 0.41 0.00	54.76 0.16 0.00	49.17 0.39 0.00	41.59 0.49 0.00	41.27 0.33 0.00	37.01 0.29 0.00	36.42 0.36 0.00	35.82 0.35 0.00	37.78 0.48 0.00	40.64 0.44 0.00	44.08 0.00 0.00	46.04 -0.14 0.00	53.02 -0.11 0.00	53.96 -0.11 0.00	52.31 -0.16 0.00	46.82 0.14 0.00	38.60 0.19 0.00	33.65 0.27 0.00

HQ_GEN_CHPE_PROXY 323851	35.47 1.07 0.00	33.21 1.00 0.00	31.69 1.01 0.00	30.68 1.01 0.00	30.52 0.83 0.00	33.77 1.11 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.95 1.85 0.00	43.03 2.09 0.00	38.66 1.94 0.00	38.01 1.95 0.00	37.52 2.06 0.00	39.38 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.95 2.77 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.20 2.73 0.00	49.01 2.33 0.00	40.32 1.92 0.00	34.92 1.54 0.00
HQ_GEN_IMPORT 323601	34.58 0.17 0.00	32.34 0.13 0.00	30.84 0.15 0.00	29.82 0.15 0.00	29.87 0.18 0.00	32.79 0.13 0.00	45.47 0.14 0.00	54.59 0.00 0.00	48.88 0.10 0.00	41.22 0.12 0.00	41.03 0.08 0.00	36.79 0.07 0.00	36.17 0.11 0.00	35.57 0.11 0.00	37.45 0.15 0.00	40.32 0.12 0.00	44.12 0.04 0.00	46.18 0.00 0.00	53.08 -0.05 0.00	53.96 -0.11 0.00	52.42 -0.05 0.00	46.68 0.00 0.00	38.44 0.04 0.00	33.45 0.07 0.00
HQ_GEN_WHEEL 23651	34.58 0.17 0.00	32.34 0.13 0.00	30.84 0.15 0.00	29.82 0.15 0.00	29.87 0.18 0.00	32.79 0.13 0.00	45.47 0.14 0.00	54.59 0.00 0.00	48.88 0.10 0.00	41.22 0.12 0.00	41.03 0.08 0.00	36.79 0.07 0.00	36.17 0.11 0.00	35.57 0.11 0.00	37.45 0.15 0.00	40.32 0.12 0.00	44.12 0.04 0.00	46.18 0.00 0.00	53.08 -0.05 0.00	53.96 -0.11 0.00	52.42 -0.05 0.00	46.68 0.00 0.00	38.44 0.04 0.00	33.45 0.07 0.00
HUDSON_AVE_GT_3 23810	35.47 1.07 0.00	33.25 1.03 0.00	31.73 1.04 0.00	30.71 1.04 0.00	30.56 0.86 0.00	33.77 1.11 0.00	47.05 1.72 0.00	57.00 2.40 0.00	50.83 2.05 0.00	43.07 1.97 0.00	43.12 2.17 0.00	38.73 2.02 0.00	38.08 2.02 0.00	37.63 2.16 0.00	39.46 2.16 0.00	42.73 2.53 0.00	46.99 2.91 0.00	49.09 2.91 0.00	56.26 3.13 0.00	56.94 2.87 0.00	55.30 2.83 0.00	49.06 2.38 0.00	40.36 1.96 0.00	34.95 1.57 0.00
HUDSON_AVE_GT_4 23540	35.47 1.07 0.00	33.25 1.03 0.00	31.73 1.04 0.00	30.71 1.04 0.00	30.56 0.86 0.00	33.77 1.11 0.00	47.05 1.72 0.00	57.00 2.40 0.00	50.83 2.05 0.00	43.07 1.97 0.00	43.12 2.17 0.00	38.73 2.02 0.00	38.08 2.02 0.00	37.63 2.16 0.00	39.46 2.16 0.00	42.73 2.53 0.00	46.99 2.91 0.00	49.09 2.91 0.00	56.26 3.13 0.00	56.94 2.87 0.00	55.30 2.83 0.00	49.06 2.38 0.00	40.36 1.96 0.00	34.95 1.57 0.00
HUDSON_AVE_GT_5 23657	35.47 1.07 0.00	33.25 1.03 0.00	31.73 1.04 0.00	30.71 1.04 0.00	30.56 0.86 0.00	33.77 1.11 0.00	47.05 1.72 0.00	57.00 2.40 0.00	50.83 2.05 0.00	43.07 1.97 0.00	43.12 2.17 0.00	38.73 2.02 0.00	38.08 2.02 0.00	37.63 2.16 0.00	39.46 2.16 0.00	42.73 2.53 0.00	46.99 2.91 0.00	49.09 2.91 0.00	56.26 3.13 0.00	56.94 2.87 0.00	55.30 2.83 0.00	49.06 2.38 0.00	40.36 1.96 0.00	34.95 1.57 0.00
HUDSON_AVE_10 24168	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.47 0.77 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.89 2.29 0.00	50.78 2.00 0.00	43.03 1.93 0.00	43.08 2.13 0.00	38.66 1.95 0.00	38.05 1.98 0.00	37.56 2.09 0.00	39.42 2.13 0.00	42.65 2.45 0.00	46.95 2.87 0.00	49.04 2.86 0.00	56.16 3.03 0.00	56.88 2.81 0.00	55.25 2.78 0.00	48.96 2.29 0.00	40.32 1.92 0.00	34.92 1.54 0.00
HUDSON___115KV_TB 4 355613	35.68 1.27 0.00	33.44 1.22 0.00	31.88 1.20 0.00	30.85 1.19 0.00	30.85 1.16 0.00	34.03 1.37 0.00	47.37 2.04 0.00	57.05 2.46 0.00	51.03 2.24 0.00	42.41 1.32 0.00	42.01 1.06 0.00	37.49 0.77 0.00	36.75 0.69 0.00	36.21 0.74 0.00	38.12 0.82 0.00	41.16 0.96 0.00	45.36 1.28 0.00	47.70 1.52 0.00	55.15 2.02 0.00	56.34 2.27 0.00	54.67 2.20 0.00	48.64 1.96 0.00	39.90 1.50 0.00	34.72 1.34 0.00
HUNTER MOUNT___DRP 323613	35.81 1.41 0.00	33.57 1.35 0.00	32.00 1.32 0.00	30.94 1.28 0.00	30.94 1.25 0.00	34.16 1.50 0.00	47.46 2.13 0.00	57.21 2.62 0.00	50.88 2.10 0.00	42.29 1.19 0.00	41.89 0.94 0.00	37.41 0.70 0.00	36.68 0.61 0.00	36.14 0.67 0.00	38.04 0.75 0.00	41.08 0.88 0.00	45.31 1.23 0.00	47.66 1.48 0.00	55.10 1.97 0.00	56.29 2.22 0.00	54.67 2.20 0.00	48.64 1.96 0.00	39.90 1.50 0.00	34.75 1.37 0.00
HUNTINGTON_RES_REC 323705	36.02 1.62 0.00	33.79 1.58 0.00	32.13 1.44 0.00	31.00 1.34 0.00	30.82 1.13 0.00	33.96 1.31 0.00	46.65 1.32 0.00	56.50 1.91 0.00	50.44 1.66 0.00	43.27 2.18 0.00	43.72 2.70 -0.07	39.19 2.46 -0.01	38.49 2.42 -0.01	38.73 2.59 -0.68	39.92 2.61 -0.01	48.55 3.05 -5.30	51.89 3.35 -4.46	52.13 3.37 -2.58	56.75 3.61 -0.01	57.92 3.51 -0.33	55.84 3.36 -0.01	49.95 3.27 -0.01	41.32 2.92 0.00	35.62 2.24 0.00
HUNTLEY___63 23557	31.44 -2.96 0.00	29.25 -2.96 0.00	27.49 -3.19 0.00	26.46 -3.20 0.00	26.58 -3.12 0.00	25.33 -3.79 3.54	29.55 -5.26 10.52	36.19 -6.01 12.39	31.05 -5.32 12.41	25.58 -4.23 11.28	25.79 -4.22 10.93	26.08 -3.74 6.89	25.55 -3.61 6.91	25.47 -3.69 6.31	25.05 -3.80 8.44	21.71 -4.38 14.10	22.12 -4.67 17.28	34.14 -5.86 6.18	35.09 -6.69 11.35	36.94 -6.54 10.59	34.37 -6.40 11.70	28.92 -5.83 11.92	29.95 -4.84 3.62	28.73 -4.51 0.14
HUNTLEY___64 23558	31.44 -2.96 0.00	29.25 -2.96 0.00	27.49 -3.19 0.00	26.46 -3.20 0.00	26.58 -3.12 0.00	25.33 -3.79 3.54	29.55 -5.26 10.52	36.19 -6.01 12.39	31.05 -5.32 12.41	25.58 -4.23 11.28	25.79 -4.22 10.93	26.08 -3.74 6.89	25.55 -3.61 6.91	25.47 -3.69 6.31	25.05 -3.80 8.44	21.71 -4.38 14.10	22.12 -4.67 17.28	34.14 -5.86 6.18	35.09 -6.69 11.35	36.94 -6.54 10.59	34.37 -6.40 11.70	28.92 -5.83 11.92	29.95 -4.84 3.62	28.73 -4.51 0.14
HUNTLEY___65 23559	31.44 -2.96 0.00	29.25 -2.96 0.00	27.49 -3.19 0.00	26.46 -3.20 0.00	26.58 -3.12 0.00	25.33 -3.79 3.54	29.55 -5.26 10.52	36.19 -6.01 12.39	31.05 -5.32 12.41	25.58 -4.23 11.28	25.79 -4.22 10.93	26.08 -3.74 6.89	25.55 -3.61 6.91	25.47 -3.69 6.31	25.05 -3.80 8.44	21.71 -4.38 14.10	22.12 -4.67 17.28	34.14 -5.86 6.18	35.09 -6.69 11.35	36.94 -6.54 10.59	34.37 -6.40 11.70	28.92 -5.83 11.92	29.95 -4.84 3.62	28.73 -4.51 0.14
HUNTLEY___66 23560	31.44 -2.96 0.00	29.25 -2.96 0.00	27.49 -3.19 0.00	26.46 -3.20 0.00	26.58 -3.12 0.00	25.33 -3.79 3.54	29.55 -5.26 10.52	36.19 -6.01 12.39	31.05 -5.32 12.41	25.58 -4.23 11.28	25.79 -4.22 10.93	26.08 -3.74 6.89	25.55 -3.61 6.91	25.47 -3.69 6.31	25.05 -3.80 8.44	21.71 -4.38 14.10	22.12 -4.67 17.28	34.14 -5.86 6.18	35.09 -6.69 11.35	36.94 -6.54 10.59	34.37 -6.40 11.70	28.92 -5.83 11.92	29.95 -4.84 3.62	28.73 -4.51 0.14
HUNTLEY___67 23561	31.27 -3.13 0.00	29.19 -3.03 0.00	27.46 -3.22 0.00	26.43 -3.23 0.00	26.46 -3.24 0.00	25.04 -3.79 3.83	28.58 -5.53 11.22	34.97 -6.39 13.24	29.92 -5.61 13.25	23.55 -4.32 13.24	23.86 -4.26 12.83	24.77 -3.86 8.10	24.33 -3.82 7.91	24.85 -3.90 6.71	24.39 -4.10 8.81	20.74 -4.74 14.72	21.01 -5.03 18.04	32.96 -6.05 7.17	34.02 -6.96 12.15	37.42 -6.81 9.83	33.62 -6.61 12.24	28.04 -6.02 12.61	29.40 -4.95 4.05	28.84 -4.41 0.13

HUNTLEY___68 23562	31.27 -3.13 0.00	29.19 -3.03 0.00	27.46 -3.22 0.00	26.43 -3.23 0.00	26.46 -3.24 0.00	25.04 -3.79 3.83	28.58 -5.53 11.22	34.97 -6.39 13.24	29.92 -5.61 13.25	23.55 -4.32 13.24	23.86 -4.26 12.83	24.77 -3.86 8.10	24.33 -3.82 7.91	24.85 -3.90 6.71	24.39 -4.10 8.81	20.74 -4.74 14.72	21.01 -5.03 18.04	32.96 -6.05 7.17	34.02 -6.96 12.15	37.42 -6.81 9.83	33.62 -6.61 12.24	28.04 -6.02 12.61	29.40 -4.95 4.05	28.84 -4.41 0.13
HYLAND___LFGE 323620	34.20 -0.21 0.00	32.02 -0.19 0.00	30.16 -0.52 0.00	29.10 -0.56 0.00	29.13 -0.57 0.00	42.67 -0.69 -10.71	73.78 -2.36 -30.81	87.77 -3.22 -36.40	82.12 -3.12 -36.46	80.12 -2.67 -41.69	78.28 -3.07 -40.41	59.23 -2.97 -25.49	56.20 -3.21 -23.34	50.69 -3.19 -18.42	57.46 -3.28 -23.44	75.64 -3.86 -39.31	88.56 -3.75 -48.22	63.69 -3.74 -21.25	75.86 -3.56 -26.29	57.16 -2.65 -5.74	38.39 -0.73 13.35	37.32 -1.07 8.29	43.93 -1.15 -6.67	32.26 -1.23 -0.11
INDECK___CORINTH 23802	35.81 1.41 0.00	33.54 1.32 0.00	31.94 1.26 0.00	30.97 1.30 0.00	31.00 1.31 0.00	34.22 1.57 0.00	47.91 2.58 0.00	57.87 3.28 0.00	51.51 2.73 0.00	42.95 1.85 0.00	42.59 1.64 0.00	38.11 1.39 0.00	37.29 1.23 0.00	36.46 0.99 0.00	38.38 1.08 0.00	41.72 1.53 0.00	45.85 1.77 0.00	48.16 1.98 0.00	55.73 2.60 0.00	57.10 3.03 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.13 1.73 0.00	34.85 1.47 0.00
INDECK___ILION 23567	34.51 0.10 0.00	32.28 0.06 0.00	30.71 0.03 0.00	29.64 -0.03 0.00	29.60 -0.09 0.00	32.56 -0.10 0.00	45.19 -0.14 0.00	54.48 -0.11 0.00	48.64 -0.15 0.00	40.89 -0.21 0.00	40.78 -0.16 0.00	36.61 -0.11 0.00	35.96 -0.11 0.00	35.36 -0.11 0.00	37.15 -0.15 0.00	40.04 -0.16 0.00	43.95 -0.13 0.00	46.09 -0.09 0.00	53.08 -0.05 0.00	54.07 0.00 0.00	52.42 -0.05 0.00	46.58 -0.09 0.00	38.29 -0.12 0.00	33.25 -0.13 0.00
INDECK___OLEAN 23982	32.51 -1.89 0.00	30.41 -1.80 0.00	28.60 -2.09 0.00	27.65 -2.02 0.00	27.56 -2.14 0.00	27.02 -2.19 3.45	31.90 -3.31 10.12	39.49 -3.17 11.94	33.12 -3.71 11.95	27.15 -2.01 11.93	27.30 -2.09 11.56	27.55 -1.87 7.30	27.18 -1.98 6.90	26.96 -2.45 6.06	26.44 -2.91 7.94	23.66 -3.25 13.28	24.59 -3.22 16.28	36.68 -3.55 5.95	38.88 -4.04 10.21	41.82 -3.79 8.46	34.44 -3.67 14.36	28.89 -3.45 14.33	31.67 -2.92 3.81	30.50 -2.77 0.12
INDECK___OSWEGO 23783	33.65 -0.76 0.00	31.51 -0.71 0.00	29.98 -0.70 0.00	28.99 -0.68 0.00	29.04 -0.65 0.00	31.91 -0.75 0.00	44.38 -0.95 0.00	53.39 -1.20 0.00	47.66 -1.12 0.00	40.19 -0.90 0.00	40.05 -0.90 0.00	35.83 -0.88 0.00	35.16 -0.90 0.00	34.58 -0.89 0.00	36.37 -0.93 0.00	39.15 -1.05 0.00	43.02 -1.06 0.00	45.07 -1.11 0.00	51.96 -1.17 0.00	53.10 -0.97 0.00	51.42 -1.05 0.00	45.69 -0.98 0.00	37.56 -0.85 0.00	32.58 -0.80 0.00
INDECK___YERKES 23781	31.44 -2.96 0.00	29.25 -2.96 0.00	27.52 -3.16 0.00	26.58 -3.09 0.00	26.49 -3.21 0.00	25.36 -3.75 3.54	29.37 -5.44 10.52	35.97 -6.22 12.39	31.20 -5.17 12.41	25.62 -4.19 11.28	25.88 -4.13 10.93	26.12 -3.71 6.89	25.58 -3.57 6.91	25.46 -3.69 6.31	25.09 -3.77 8.44	21.71 -4.38 14.10	22.17 -4.63 17.28	34.18 -5.82 6.18	34.98 -6.80 11.35	36.93 -6.54 10.59	34.42 -6.35 11.70	28.92 -5.84 11.92	29.95 -4.84 3.62	28.73 -4.51 0.14
INDIAN POINT___GT_1 24139	35.19 0.79 0.00	32.99 0.77 0.00	31.48 0.80 0.00	30.47 0.80 0.00	30.35 0.65 0.00	33.54 0.88 0.00	46.64 1.31 0.00	56.45 1.86 0.00	50.34 1.56 0.00	42.58 1.48 0.00	42.63 1.68 0.00	38.26 1.54 0.00	37.61 1.55 0.00	37.13 1.67 0.00	38.97 1.68 0.00	42.17 1.97 0.00	46.37 2.29 0.00	48.53 2.36 0.00	55.63 2.50 0.00	56.45 2.38 0.00	54.78 2.31 0.00	48.59 1.91 0.00	39.94 1.54 0.00	34.62 1.24 0.00
INDIAN POINT___GT_2 23659	35.19 0.79 0.00	32.99 0.77 0.00	31.48 0.80 0.00	30.47 0.80 0.00	30.35 0.65 0.00	33.54 0.88 0.00	46.64 1.31 0.00	56.45 1.86 0.00	50.34 1.56 0.00	42.58 1.48 0.00	42.63 1.68 0.00	38.26 1.54 0.00	37.61 1.55 0.00	37.13 1.67 0.00	38.97 1.68 0.00	42.17 1.97 0.00	46.37 2.29 0.00	48.53 2.36 0.00	55.63 2.50 0.00	56.45 2.38 0.00	54.78 2.31 0.00	48.59 1.91 0.00	39.94 1.54 0.00	34.62 1.24 0.00
INDIAN POINT___GT_3 24019	35.19 0.79 0.00	32.99 0.77 0.00	31.48 0.80 0.00	30.47 0.80 0.00	30.35 0.65 0.00	33.54 0.88 0.00	46.64 1.31 0.00	56.45 1.86 0.00	50.34 1.56 0.00	42.58 1.48 0.00	42.63 1.68 0.00	38.26 1.54 0.00	37.61 1.55 0.00	37.13 1.67 0.00	38.97 1.68 0.00	42.17 1.97 0.00	46.37 2.29 0.00	48.53 2.36 0.00	55.63 2.50 0.00	56.45 2.38 0.00	54.78 2.31 0.00	48.59 1.91 0.00	39.94 1.54 0.00	34.62 1.24 0.00
INDIAN POINT___2 23530	35.16 0.76 0.00	32.96 0.74 0.00	31.45 0.77 0.00	30.41 0.74 0.00	30.29 0.59 0.00	33.50 0.85 0.00	46.60 1.27 0.00	56.45 1.86 0.00	50.24 1.46 0.00	42.50 1.40 0.00	42.54 1.60 0.00	38.22 1.51 0.00	37.58 1.51 0.00	37.10 1.63 0.00	38.94 1.64 0.00	42.09 1.89 0.00	46.28 2.20 0.00	48.39 2.22 0.00	55.63 2.50 0.00	56.34 2.27 0.00	54.67 2.20 0.00	48.54 1.87 0.00	39.86 1.46 0.00	34.55 1.17 0.00
INDIAN POINT___3 23531	35.16 0.76 0.00	32.96 0.74 0.00	31.45 0.77 0.00	30.44 0.77 0.00	30.32 0.62 0.00	33.51 0.85 0.00	46.60 1.27 0.00	56.39 1.80 0.00	50.29 1.51 0.00	42.54 1.44 0.00	42.54 1.60 0.00	38.22 1.51 0.00	37.58 1.51 0.00	37.10 1.63 0.00	38.94 1.64 0.00	42.09 1.89 0.00	46.28 2.20 0.00	48.44 2.26 0.00	55.57 2.44 0.00	56.34 2.27 0.00	54.67 2.20 0.00	48.50 1.82 0.00	39.90 1.50 0.00	34.59 1.20 0.00
INGHAM_C_115KV_TB7 356103	34.54 0.14 0.00	32.31 0.10 0.00	30.71 0.03 0.00	29.58 -0.09 0.00	29.49 -0.21 0.00	32.36 -0.29 0.00	44.92 -0.41 0.00	54.05 -0.55 0.00	48.29 -0.49 0.00	40.60 -0.49 0.00	40.54 -0.41 0.00	36.39 -0.33 0.00	35.78 -0.29 0.00	35.15 -0.32 0.00	36.92 -0.37 0.00	39.75 -0.44 0.00	43.64 -0.44 0.00	45.76 -0.42 0.00	52.81 -0.32 0.00	53.80 -0.27 0.00	52.10 -0.37 0.00	46.30 -0.37 0.00	38.02 -0.38 0.00	33.02 -0.37 0.00
IP CORINTH___1 23988	35.81 1.41 0.00	33.54 1.32 0.00	31.94 1.26 0.00	30.97 1.31 0.00	31.00 1.31 0.00	34.22 1.57 0.00	47.91 2.58 0.00	57.81 3.22 0.00	51.51 2.73 0.00	42.95 1.85 0.00	42.58 1.64 0.00	38.11 1.40 0.00	37.29 1.23 0.00	36.46 0.99 0.00	38.38 1.08 0.00	41.72 1.53 0.00	45.84 1.76 0.00	48.16 1.99 0.00	55.73 2.60 0.00	57.10 3.03 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.13 1.73 0.00	34.85 1.47 0.00
IP___TICONDEROGA 23804	36.43 2.03 0.00	34.12 1.90 0.00	32.49 1.81 0.00	31.54 1.87 0.00	31.56 1.87 0.00	34.88 2.22 0.00	49.18 3.85 0.00	59.23 4.64 0.00	52.59 3.81 0.00	43.65 2.55 0.00	43.12 2.17 0.00	38.51 1.80 0.00	37.61 1.55 0.00	36.67 1.21 0.00	38.64 1.34 0.00	42.17 1.97 0.00	46.37 2.29 0.00	48.81 2.63 0.00	56.74 3.61 0.00	58.50 4.43 0.00	56.56 4.09 0.00	49.99 3.31 0.00	40.86 2.46 0.00	35.42 2.04 0.00

ISLIP_RES_REC 323679	36.36 1.96 0.00	34.15 1.93 0.00	32.43 1.75 0.00	31.30 1.63 0.00	31.15 1.45 0.00	34.26 1.60 0.00	47.05 1.72 0.00	56.99 2.40 0.00	50.93 2.14 0.00	43.73 2.63 0.00	44.29 3.28 -0.07	39.63 2.90 -0.01	38.92 2.85 -0.01	39.16 3.01 -0.68	40.37 3.06 -0.01	49.04 3.54 -5.30	52.43 3.88 -4.47	52.65 3.88 -2.59	57.44 4.30 -0.01	58.62 4.22 -0.33	56.47 3.99 -0.01	50.56 3.87 -0.01	41.78 3.38 0.00	35.99 2.61 0.00
JAMAICA__27_KV_LOAD 355505	35.61 1.20 0.00	33.34 1.13 0.00	31.82 1.14 0.00	30.77 1.10 0.00	30.58 0.89 0.00	34.03 1.37 0.00	47.55 2.22 0.00	57.54 2.95 0.00	51.37 2.59 0.00	43.52 2.42 0.00	43.57 2.62 0.00	39.10 2.39 0.00	38.48 2.42 0.00	37.98 2.52 0.00	39.87 2.57 0.00	43.13 2.93 0.00	47.47 3.39 0.00	49.55 3.37 0.00	56.85 3.72 0.00	57.42 3.35 0.00	55.88 3.41 0.00	49.48 2.80 0.00	40.78 2.38 0.00	35.22 1.84 0.00
JANIS__SOLAR 323808	35.16 0.76 0.00	32.86 0.64 0.00	31.17 0.49 0.00	30.08 0.42 0.00	30.17 0.47 0.00	33.10 0.49 0.05	46.08 0.91 0.16	55.34 0.93 0.18	49.19 0.59 0.18	41.39 0.29 0.00	41.03 0.08 0.00	36.64 -0.07 0.00	36.51 -0.18 -0.62	35.19 -0.18 0.10	37.00 -0.15 0.15	39.83 -0.12 0.25	43.91 0.13 0.30	48.02 0.41 -1.43	55.80 0.90 -1.77	55.86 1.40 -0.39	53.75 1.21 -0.07	47.85 0.84 -0.33	39.49 0.54 -0.55	33.76 0.37 -0.01
JARVIS____ 23743	34.40 0.00 0.00	32.21 0.00 0.00	30.68 0.00 0.00	29.64 -0.03 0.00	29.66 -0.03 0.00	32.66 0.00 0.00	45.38 0.05 0.00	54.70 0.11 0.00	48.83 0.05 0.00	41.06 -0.04 0.00	40.95 0.00 0.00	36.72 0.00 0.00	36.06 0.00 0.00	35.46 0.00 0.00	37.30 0.00 0.00	40.20 0.00 0.00	44.08 0.00 0.00	46.22 0.05 0.00	53.24 0.11 0.00	54.18 0.11 0.00	52.58 0.11 0.00	46.72 0.05 0.00	38.44 0.04 0.00	33.42 0.03 0.00
JENNISON__1 23625	35.06 0.65 0.00	32.83 0.61 0.00	31.14 0.46 0.00	30.05 0.39 0.00	30.11 0.42 0.00	33.06 0.46 0.05	46.03 0.86 0.16	55.33 0.93 0.19	49.37 0.78 0.19	41.63 0.53 0.00	41.44 0.49 0.00	37.12 0.40 0.00	36.35 0.29 0.00	35.65 0.28 0.10	37.47 0.34 0.16	40.29 0.36 0.26	44.29 0.53 0.32	47.06 0.88 0.00	54.46 1.33 0.00	55.64 1.57 0.00	59.63 1.36 -5.79	52.76 0.75 -5.33	39.49 0.46 -0.62	33.72 0.33 0.00
JENNISON__2 23626	35.06 0.65 0.00	32.83 0.61 0.00	31.14 0.46 0.00	30.05 0.39 0.00	30.11 0.42 0.00	33.06 0.46 0.05	46.03 0.86 0.16	55.33 0.93 0.19	49.37 0.78 0.19	41.63 0.53 0.00	41.44 0.49 0.00	37.12 0.40 0.00	36.35 0.29 0.00	35.65 0.28 0.10	37.47 0.34 0.16	40.29 0.36 0.26	44.29 0.53 0.32	47.06 0.88 0.00	54.46 1.33 0.00	55.64 1.57 0.00	59.63 1.36 -5.79	52.76 0.75 -5.33	39.49 0.46 -0.62	33.72 0.33 0.00
JERICHO_RISE_WT_PWR 323719	34.54 0.14 0.00	32.25 0.03 0.00	30.78 0.09 0.00	29.73 0.06 0.00	29.90 0.21 0.00	32.66 0.00 0.00	44.92 -0.41 0.00	53.72 -0.88 0.00	48.39 -0.39 0.00	40.97 -0.12 0.00	40.70 -0.24 0.00	36.50 -0.22 0.00	35.92 -0.14 0.00	35.32 -0.14 0.00	37.30 0.00 0.00	40.24 0.04 0.00	43.82 -0.26 0.00	45.72 -0.46 0.00	52.33 -0.80 0.00	53.15 -0.92 0.00	51.53 -0.94 0.00	46.07 -0.61 0.00	37.87 -0.54 0.00	32.88 -0.50 0.00
KATONAH__115KV_46KV_TB4 355592	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.50 0.80 0.00	33.73 1.08 0.00	46.83 1.50 0.00	56.78 2.18 0.00	50.59 1.80 0.00	42.78 1.68 0.00	42.79 1.84 0.00	38.40 1.69 0.00	37.79 1.73 0.00	37.27 1.81 0.00	39.16 1.86 0.00	42.37 2.17 0.00	46.64 2.56 0.00	48.81 2.63 0.00	56.00 2.87 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.21 1.80 0.00	34.89 1.50 0.00
KCE_NY_1 323755	35.64 1.24 0.00	33.41 1.19 0.00	31.82 1.14 0.00	30.82 1.16 0.00	30.85 1.16 0.00	34.03 1.37 0.00	47.55 2.22 0.00	57.32 2.73 0.00	51.03 2.25 0.00	42.62 1.52 0.00	42.34 1.39 0.00	37.93 1.21 0.00	37.14 1.08 0.00	36.38 0.92 0.00	38.30 1.01 0.00	41.52 1.32 0.00	45.62 1.54 0.00	47.98 1.80 0.00	55.41 2.28 0.00	56.67 2.60 0.00	54.83 2.36 0.00	48.73 2.05 0.00	40.02 1.61 0.00	34.79 1.40 0.00
KCE_NY_6_ESR 323823	31.72 -2.68 0.00	29.64 -2.58 0.00	27.89 -2.79 0.00	26.94 -2.73 0.00	26.84 -2.85 0.00	25.53 -3.30 3.83	29.21 -4.90 11.23	35.84 -5.51 13.24	30.65 -4.88 13.26	24.27 -3.66 13.17	24.54 -3.64 12.76	25.39 -3.27 8.05	24.75 -3.32 8.00	25.27 -3.47 6.72	24.74 -3.73 8.83	21.10 -4.34 14.75	21.50 -4.50 18.08	33.40 -5.40 7.38	34.52 -6.27 12.34	38.35 -6.00 9.72	33.78 -5.83 12.86	28.09 -5.37 13.22	29.71 -4.49 4.20	29.21 -4.04 0.14
KEDC_PORT_JEFF_GT2 24210	36.16 1.75 0.00	33.95 1.74 0.00	32.28 1.59 0.00	31.12 1.45 0.00	30.97 1.28 0.00	34.09 1.44 0.00	46.78 1.45 0.00	56.61 2.02 0.00	50.59 1.81 0.00	43.44 2.34 0.00	44.00 2.99 -0.07	39.40 2.68 -0.01	38.71 2.63 -0.01	38.94 2.80 -0.68	40.14 2.83 -0.01	48.73 3.25 -5.28	52.09 3.57 -4.44	52.31 3.56 -2.57	57.01 3.88 -0.01	58.19 3.78 -0.33	56.10 3.62 -0.01	50.23 3.55 -0.01	41.55 3.15 0.00	35.79 2.40 0.00
KEDC_PORT_JEFF_GT3 24211	36.16 1.75 0.00	33.95 1.74 0.00	32.28 1.59 0.00	31.12 1.45 0.00	30.97 1.28 0.00	34.09 1.44 0.00	46.78 1.45 0.00	56.61 2.02 0.00	50.59 1.81 0.00	43.44 2.34 0.00	44.00 2.99 -0.07	39.40 2.68 -0.01	38.71 2.63 -0.01	38.94 2.80 -0.68	40.14 2.83 -0.01	48.73 3.25 -5.28	52.09 3.57 -4.44	52.31 3.56 -2.57	57.01 3.88 -0.01	58.19 3.78 -0.33	56.10 3.62 -0.01	50.23 3.55 -0.01	41.55 3.15 0.00	35.79 2.40 0.00
KEDC_GLWD_GT4 24219	35.74 1.34 0.00	33.47 1.26 0.00	31.91 1.23 0.00	30.82 1.16 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.87 1.54 0.00	56.83 2.24 0.00	50.68 1.90 0.00	43.15 2.05 0.00	43.39 2.33 -0.11	38.90 2.17 -0.02	38.24 2.16 -0.02	38.74 2.27 -1.00	39.62 2.31 -0.02	50.63 2.65 -7.78	54.12 3.00 -7.04	53.26 3.00 -4.08	56.49 3.35 -0.01	57.73 3.13 -0.53	55.53 3.04 -0.01	49.35 2.66 -0.01	40.71 2.30 0.00	35.19 1.80 0.00
KEDC_GLWD_GTS 24220	35.74 1.34 0.00	33.47 1.26 0.00	31.91 1.23 0.00	30.82 1.16 0.00	30.67 0.98 0.00	33.90 1.24 0.00	46.87 1.54 0.00	56.83 2.24 0.00	50.68 1.90 0.00	43.15 2.05 0.00	43.39 2.33 -0.11	38.90 2.17 -0.02	38.24 2.16 -0.02	38.74 2.27 -1.00	39.62 2.31 -0.02	50.63 2.65 -7.78	54.12 3.00 -7.04	53.26 3.00 -4.08	56.49 3.35 -0.01	57.73 3.13 -0.53	55.53 3.04 -0.01	49.35 2.66 -0.01	40.71 2.30 0.00	35.19 1.80 0.00
KENSICO____ 23655	35.30 0.89 0.00	33.08 0.87 0.00	31.57 0.89 0.00	30.56 0.89 0.00	30.41 0.71 0.00	33.64 0.98 0.00	46.78 1.45 0.00	56.61 2.02 0.00	50.49 1.71 0.00	42.74 1.64 0.00	42.79 1.84 0.00	38.40 1.69 0.00	37.76 1.70 0.00	37.27 1.81 0.00	39.12 1.83 0.00	42.33 2.13 0.00	46.55 2.47 0.00	48.72 2.54 0.00	55.84 2.71 0.00	56.61 2.54 0.00	54.99 2.52 0.00	48.73 2.05 0.00	40.09 1.69 0.00	34.72 1.34 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.37 0.96 0.00	33.15 0.93 0.00	31.60 0.92 0.00	30.56 0.89 0.00	30.44 0.74 0.00	33.70 1.05 0.00	46.78 1.45 0.00	56.67 2.07 0.00	50.29 1.51 0.00	42.33 1.23 0.00	42.30 1.35 0.00	37.93 1.21 0.00	37.25 1.19 0.00	36.81 1.35 0.00	38.68 1.38 0.00	41.76 1.57 0.00	46.02 1.94 0.00	48.21 2.03 0.00	55.41 2.28 0.00	56.29 2.22 0.00	54.78 2.31 0.00	48.54 1.87 0.00	39.79 1.38 0.00	34.52 1.14 0.00
KIAC_JFK_GT1 23816	35.43 1.03 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.47 0.77 0.00	33.86 1.21 0.00	47.28 1.95 0.00	57.05 2.46 0.00	50.93 2.15 0.00	43.32 2.22 0.00	43.36 2.42 0.00	38.92 2.20 0.00	38.30 2.24 0.00	37.81 2.34 0.00	39.68 2.39 0.00	42.93 2.73 0.00	47.21 3.13 0.00	49.13 2.96 0.00	56.37 3.24 0.00	56.94 2.87 0.00	55.41 2.94 0.00	49.06 2.38 0.00	40.59 2.19 0.00	35.05 1.67 0.00
KIAC_JFK_GT2 23817	35.43 1.03 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.65 0.98 0.00	30.47 0.77 0.00	33.86 1.21 0.00	47.28 1.95 0.00	57.05 2.46 0.00	50.93 2.15 0.00	43.32 2.22 0.00	43.36 2.42 0.00	38.92 2.20 0.00	38.30 2.24 0.00	37.81 2.34 0.00	39.68 2.39 0.00	42.93 2.73 0.00	47.21 3.13 0.00	49.13 2.96 0.00	56.37 3.24 0.00	56.94 2.87 0.00	55.41 2.94 0.00	49.06 2.38 0.00	40.59 2.19 0.00	35.05 1.67 0.00
KIAC_JFK____ 323774	35.43 1.03 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.62 0.95 0.00	30.46 0.77 0.00	33.87 1.21 0.00	47.33 1.99 -0.01	57.11 2.51 0.00	50.88 2.10 0.00	43.28 2.18 0.00	43.36 2.42 0.00	38.96 2.24 0.00	38.30 2.24 0.00	37.81 2.34 0.00	39.69 2.39 0.00	42.93 2.73 0.00	47.21 3.13 0.00	49.04 2.86 0.00	56.48 3.35 0.00	56.93 2.86 0.00	55.41 2.94 0.00	49.15 2.47 0.00	40.60 2.19 -0.01	35.05 1.67 0.00
KINTIGH_24_KV_GSU 356498	31.24 -3.16 0.00	29.15 -3.06 0.00	27.46 -3.22 0.00	26.58 -3.09 0.00	26.52 -3.18 0.00	25.59 -3.72 3.34	30.09 -5.40 9.84	36.38 -6.61 11.61	31.89 -5.27 11.63	25.35 -4.36 11.39	25.64 -4.26 11.04	25.89 -3.85 6.97	26.30 -3.82 5.94	25.83 -3.76 5.88	25.69 -3.88 7.73	22.73 -4.54 12.92	23.35 -4.89 15.84	35.91 -5.87 4.40	37.64 -6.85 8.64	38.55 -6.65 8.87	36.08 -6.46 9.94	30.87 -5.84 9.97	30.82 -4.84 2.75	29.06 -4.21 0.11
KINTIGH____ 23543	31.24 -3.17 0.00	29.15 -3.06 0.00	27.46 -3.22 0.00	26.49 -3.17 0.00	26.55 -3.15 0.00	30.14 -5.35 3.34	36.82 -6.17 9.84	31.79 -5.37 11.61	25.35 -4.36 11.39	25.60 -4.30 11.04	25.86 -3.89 6.97	26.31 -3.82 5.94	25.83 -3.76 5.88	25.69 -3.88 7.73	22.73 -4.54 12.92	23.35 -4.89 15.84	35.91 -5.86 4.40	37.74 -6.75 8.64	38.55 -6.65 8.87	36.08 -6.45 9.94	30.87 -5.83 9.97	30.82 -4.84 2.75	29.06 -4.21 0.11	
KNTFSRNC_46_KV_46KV_LOAD 80397	34.99 0.58 0.00	32.67 0.45 0.00	31.21 0.52 0.00	30.14 0.47 0.00	30.35 0.65 0.00	33.18 0.52 0.00	45.47 0.14 0.00	54.21 -0.38 0.00	48.98 0.20 0.00	41.51 0.41 0.00	41.15 0.20 0.00	36.90 0.18 0.00	36.28 0.22 0.00	35.68 0.21 0.00	37.67 0.37 0.00	40.68 0.48 0.00	44.26 0.18 0.00	46.18 0.00 0.00	52.60 -0.53 0.00	53.75 -0.32 0.00	52.10 -0.37 0.00	46.77 0.09 0.00	38.44 0.04 0.00	33.38 0.00 0.00
LACHUTE__HYDRO 323717	36.43 2.03 0.00	34.11 1.90 0.00	32.49 1.81 0.00	31.54 1.87 0.00	31.57 1.87 0.00	34.88 2.22 0.00	49.18 3.85 0.00	59.23 4.64 0.00	52.59 3.81 0.00	43.65 2.55 0.00	43.12 2.17 0.00	38.48 1.76 0.00	37.58 1.51 0.00	36.67 1.21 0.00	38.64 1.34 0.00	42.17 1.97 0.00	46.37 2.29 0.00	48.81 2.63 0.00	56.74 3.61 0.00	58.50 4.43 0.00	56.57 4.10 0.00	49.99 3.31 0.00	40.86 2.46 0.00	35.42 2.04 0.00
LAWRNCV_115KV_TB1 80681	34.75 0.34 0.00	32.44 0.23 0.00	30.99 0.31 0.00	29.91 0.24 0.00	30.17 0.48 0.00	32.98 0.33 0.00	45.60 0.27 0.00	54.43 -0.16 0.00	48.88 0.10 0.00	41.26 0.16 0.00	40.91 -0.04 0.00	36.68 -0.04 0.00	36.06 0.00 0.00	35.46 0.00 0.00	37.48 0.19 0.00	40.24 0.04 -0.62	43.46 -0.69 -0.90	45.49 -0.90 -0.59	52.23 -0.59 0.00	53.48 -0.59 0.00	51.79 -0.68 0.00	46.44 -0.23 0.00	38.37 -0.04 0.00	33.42 0.03 0.00
LEDERLE____ 23769	35.23 0.83 0.00	33.02 0.81 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.38 0.68 0.00	33.60 0.95 0.00	46.69 1.36 0.00	56.56 1.97 0.00	50.39 1.61 0.00	42.62 1.52 0.00	42.63 1.68 0.00	38.26 1.54 0.00	37.61 1.55 0.00	37.17 1.70 0.00	39.01 1.72 0.00	42.17 1.97 0.00	46.37 2.29 0.00	48.49 2.31 0.00	55.63 2.50 0.00	56.45 2.38 0.00	54.83 2.36 0.00	48.59 1.91 0.00	39.94 1.54 0.00	34.59 1.20 0.00
LIGHTHSE_115KV_TB6 355974	34.13 -0.28 0.00	31.92 -0.29 0.00	30.35 -0.34 0.00	29.28 -0.39 0.00	29.49 -0.21 0.00	32.43 -0.23 0.00	45.38 0.05 0.00	54.21 -0.38 0.00	48.15 -0.63 0.00	40.36 -0.74 0.00	40.13 -0.82 0.00	35.87 -0.84 0.00	35.13 -0.94 0.00	34.58 -0.89 0.00	36.48 -0.82 0.00	39.31 -0.88 0.00	43.16 -0.93 0.00	45.39 -0.79 0.00	52.70 -0.43 0.00	54.18 0.11 0.00	52.37 -0.10 0.00	46.44 -0.23 0.00	37.98 -0.42 0.00	32.88 -0.50 0.00
LINDEN COGEN____ 23786	35.26 0.86 0.01	33.04 0.84 0.01	31.54 0.86 0.00	30.49 0.83 0.01	30.37 0.68 0.01	33.56 0.91 0.01	46.77 1.45 0.01	56.71 2.13 0.01	50.49 1.71 0.00	42.81 1.73 0.01	42.86 1.92 0.01	38.54 1.84 0.01	37.86 1.80 0.01	37.37 1.91 0.01	39.26 1.98 0.01	42.53 2.33 0.00	46.77 2.69 0.00	48.81 2.63 0.00	56.05 2.92 0.00	56.61 2.54 0.00	54.99 2.52 0.00	48.77 2.10 0.01	40.13 1.73 0.01	34.74 1.37 0.01
LINDHRST_69_KV_BK1 356055	36.19 1.79 0.00	33.92 1.71 0.00	32.28 1.60 0.00	31.24 1.57 0.00	30.94 1.25 0.00	34.16 1.50 0.00	46.92 1.59 0.00	56.83 2.24 0.00	50.83 2.05 0.00	43.73 2.63 0.00	43.89 2.87 -0.08	39.30 2.57 -0.01	38.64 2.56 -0.01	38.93 2.73 -0.73	40.03 2.72 -0.01	49.03 3.14 -5.70	52.48 3.53 -4.88	52.61 3.60 -2.83	57.02 3.88 -0.01	58.22 3.78 -0.37	56.15 3.67 -0.01	50.05 3.36 -0.01	41.44 3.03 0.00	35.72 2.34 0.00
LIPA_MISC_IPP 23656	36.09 1.69 0.00	33.95 1.74 0.00	32.25 1.56 0.00	31.30 1.63 0.00	31.00 1.31 0.00	34.00 1.34 0.00	46.51 1.18 0.00	56.18 1.58 0.00	50.34 1.56 0.00	43.61 2.51 0.00	44.01 2.99 -0.07	39.41 2.68 -0.01	38.71 2.63 -0.01	38.94 2.80 -0.68	40.14 2.83 -0.01	48.72 3.26 -5.27	51.95 3.44 -4.43	52.16 3.42 -2.56	56.75 3.61 -0.01	58.02 3.62 -0.33	55.89 3.41 -0.01	50.19 3.50 -0.01	41.59 3.19 0.00	35.85 2.47 0.00
LISF__SOLAR 323691	36.16 1.75 0.00	33.99 1.77 0.00	32.31 1.63 0.00	31.15 1.48 0.00	31.06 1.37 0.00	34.03 1.37 0.00	46.60 1.27 0.00	56.34 1.75 0.00	50.44 1.66 0.00	43.32 2.22 0.00	44.05 3.03 -0.07	39.44 2.72 -0.01	38.74 2.67 -0.01	38.98 2.84 -0.68	40.18 2.87 -0.01	48.76 3.30 -5.27	52.04 3.53 -4.43	52.21 3.47 -2.57	56.97 3.83 -0.01	58.13 3.73 -0.33	56.00 3.52 -0.01	50.28 3.59 -0.01	41.63 3.23 0.00	35.89 2.51 0.00

LITTLE FALLS___HYD 24013	34.54 0.14 0.00	32.31 0.10 0.00	30.71 0.03 0.00	29.58 -0.09 0.00	29.49 -0.21 0.00	32.36 -0.29 0.00	44.92 -0.41 0.00	54.05 -0.55 0.00	48.29 -0.49 0.00	40.60 -0.49 0.00	40.54 -0.41 0.00	36.39 -0.33 0.00	35.78 -0.29 0.00	35.15 -0.32 0.00	36.92 -0.37 0.00	39.75 -0.44 0.00	43.64 -0.44 0.00	45.76 -0.42 0.00	52.81 -0.32 0.00	53.80 -0.27 0.00	52.10 -0.37 0.00	46.30 -0.37 0.00	38.02 -0.38 0.00	33.02 -0.37 0.00
LITTLRIV_115KV_TB1 356100	35.09 0.69 0.00	32.76 0.55 0.00	31.27 0.58 0.00	30.17 0.50 0.00	30.44 0.74 0.00	33.31 0.65 0.00	46.10 0.77 0.00	54.98 0.38 0.00	49.22 0.44 0.00	41.51 0.41 0.00	41.11 0.16 0.00	36.83 0.11 0.00	36.21 0.14 0.00	35.61 0.14 0.00	37.67 0.37 0.00	40.48 0.28 0.00	43.73 -0.35 0.00	45.81 -0.37 0.00	52.76 -0.37 0.00	54.12 0.05 0.00	52.37 -0.10 0.00	46.96 0.28 0.00	38.71 0.31 0.00	33.75 0.37 0.00
LI_NEWBRDGE___DRP 323616	35.64 1.24 0.00	33.44 1.22 0.00	31.82 1.14 0.00	30.80 1.13 0.00	30.56 0.86 0.00	33.73 1.08 0.00	46.37 1.04 0.00	56.12 1.53 0.00	50.15 1.37 0.00	43.07 1.97 0.00	43.14 2.13 -0.07	38.67 1.95 -0.01	38.06 1.98 -0.01	38.23 2.13 -0.64	39.39 2.09 -0.01	47.66 2.45 -5.01	50.97 2.73 -4.16	51.36 2.77 -2.41	56.01 2.87 -0.01	57.14 2.76 -0.31	55.16 2.68 -0.01	49.16 2.47 -0.01	40.75 2.34 0.00	35.19 1.80 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.89 -3.51 0.00	29.22 -3.00 0.00	27.46 -3.22 0.00	26.46 -3.20 0.00	26.19 -3.50 0.00	25.69 -4.05 2.92	30.78 -5.48 9.07	37.83 -6.11 10.64	32.76 -5.37 10.66	30.60 -4.52 5.98	30.65 -4.50 5.79	29.05 -4.04 3.63	27.51 -3.89 4.65	26.05 -3.90 5.51	25.30 -4.07 7.93	22.56 -4.42 13.21	22.96 -4.94 16.18	34.87 -6.05 5.26	35.24 -6.96 10.93	35.14 -6.87 12.06	35.07 -6.61 10.79	29.79 -5.97 10.92	30.28 -4.95 3.17	28.61 -4.61 0.17
LOCKPORT___CC1 323769	31.24 -3.16 0.00	29.15 -3.06 0.00	27.43 -3.25 0.00	26.52 -3.15 0.00	26.46 -3.24 0.00	24.85 -3.82 3.99	28.03 -5.62 11.68	34.15 -6.66 13.78	29.42 -5.56 13.80	22.80 -4.40 13.90	23.13 -4.34 13.47	24.29 -3.93 8.50	23.67 -3.93 8.47	24.51 -3.97 6.98	23.97 -4.18 9.15	20.04 -4.87 15.29	20.18 -5.16 18.74	34.41 -6.14 5.63	34.73 -7.17 11.23	35.32 -6.97 11.78	34.77 -6.72 10.99	29.44 -6.07 11.17	30.04 -5.03 3.33	28.58 -4.64 0.16
LOCKPORT___CC2 323770	31.24 -3.16 0.00	29.15 -3.06 0.00	27.43 -3.25 0.00	26.52 -3.15 0.00	26.46 -3.24 0.00	24.85 -3.82 3.99	28.03 -5.62 11.68	34.15 -6.66 13.78	29.42 -5.56 13.80	22.80 -4.40 13.90	23.13 -4.34 13.47	24.29 -3.93 8.50	23.67 -3.93 8.47	24.51 -3.97 6.98	23.97 -4.18 9.15	20.04 -4.87 15.29	20.18 -5.16 18.74	34.41 -6.14 5.63	34.73 -7.17 11.23	35.32 -6.97 11.78	34.77 -6.72 10.99	29.44 -6.07 11.17	30.04 -5.03 3.33	28.58 -4.64 0.16
LOCKPORT___CC3 323771	31.24 -3.16 0.00	29.15 -3.06 0.00	27.43 -3.25 0.00	26.52 -3.15 0.00	26.46 -3.24 0.00	24.85 -3.82 3.99	28.03 -5.62 11.68	34.15 -6.66 13.78	29.42 -5.56 13.80	22.80 -4.40 13.90	23.13 -4.34 13.47	24.29 -3.93 8.50	23.67 -3.93 8.47	24.51 -3.97 6.98	23.97 -4.18 9.15	20.04 -4.87 15.29	20.18 -5.16 18.74	34.41 -6.14 5.63	34.73 -7.17 11.23	35.32 -6.97 11.78	34.77 -6.72 10.99	29.44 -6.07 11.17	30.04 -5.03 3.33	28.58 -4.64 0.16
LOCUSVLY_69_KV_BK2 55797	35.92 1.51 0.00	33.66 1.45 0.00	32.03 1.35 0.00	31.00 1.34 0.00	30.76 1.07 0.00	34.00 1.34 0.00	46.87 1.54 0.00	56.78 2.18 0.00	50.73 1.95 0.00	43.44 2.34 0.00	43.63 2.58 -0.10	39.08 2.35 -0.01	38.46 2.38 -0.01	38.86 2.48 -0.92	39.81 2.50 -0.01	50.16 2.85 -7.11	53.64 3.22 -6.34	53.14 3.28 -3.68	56.65 3.51 -0.01	57.90 3.35 -0.48	55.74 3.25 -0.01	49.58 2.89 -0.01	40.98 2.57 0.00	35.39 2.00 0.00
LONG_LAKE_PHOENIX 24014	33.65 -0.76 0.00	31.51 -0.71 0.00	29.98 -0.71 0.00	28.99 -0.68 0.00	29.04 -0.65 0.00	31.87 -0.78 0.00	44.33 -1.00 0.00	53.34 -1.26 0.00	47.66 -1.12 0.00	40.23 -0.86 0.00	40.09 -0.86 0.00	35.91 -0.81 0.00	35.23 -0.83 0.00	34.65 -0.82 0.00	36.40 -0.90 0.00	39.19 -1.00 0.00	43.07 -1.01 0.00	45.07 -1.11 0.00	51.96 -1.17 0.00	53.10 -0.97 0.00	51.42 -1.05 0.00	45.70 -0.98 0.00	37.56 -0.84 0.00	32.58 -0.80 0.00
LOVETT___3 23632	35.13 0.72 0.00	32.92 0.71 0.00	31.42 0.74 0.00	30.41 0.74 0.00	30.29 0.59 0.00	33.47 0.82 0.00	46.55 1.22 0.00	56.34 1.75 0.00	50.20 1.41 0.00	42.49 1.40 0.00	42.50 1.56 0.00	38.18 1.47 0.00	37.54 1.48 0.00	37.06 1.60 0.00	38.86 1.57 0.00	42.05 1.85 0.00	46.24 2.16 0.00	48.39 2.22 0.00	55.47 2.34 0.00	56.23 2.16 0.00	54.62 2.15 0.00	48.45 1.77 0.00	39.82 1.42 0.00	34.52 1.14 0.00
LOVETT___4 23642	35.13 0.72 0.00	32.92 0.71 0.00	31.42 0.74 0.00	30.41 0.74 0.00	30.29 0.59 0.00	33.47 0.82 0.00	46.55 1.22 0.00	56.34 1.75 0.00	50.20 1.41 0.00	42.49 1.40 0.00	42.50 1.56 0.00	38.18 1.47 0.00	37.54 1.48 0.00	37.06 1.60 0.00	38.86 1.57 0.00	42.05 1.85 0.00	46.24 2.16 0.00	48.39 2.22 0.00	55.47 2.34 0.00	56.23 2.16 0.00	54.62 2.15 0.00	48.45 1.77 0.00	39.82 1.42 0.00	34.52 1.14 0.00
LOVETT___5 23593	35.13 0.72 0.00	32.92 0.71 0.00	31.42 0.74 0.00	30.41 0.74 0.00	30.29 0.59 0.00	33.47 0.82 0.00	46.55 1.22 0.00	56.34 1.75 0.00	50.20 1.41 0.00	42.49 1.40 0.00	42.50 1.56 0.00	38.18 1.47 0.00	37.54 1.48 0.00	37.06 1.60 0.00	38.86 1.57 0.00	42.05 1.85 0.00	46.24 2.16 0.00	48.39 2.22 0.00	55.47 2.34 0.00	56.23 2.16 0.00	54.62 2.15 0.00	48.45 1.77 0.00	39.82 1.42 0.00	34.52 1.14 0.00
LOWER RAQUET___HYD 24057	34.71 0.31 0.00	32.41 0.19 0.00	30.93 0.24 0.00	29.88 0.21 0.00	30.11 0.42 0.00	32.95 0.29 0.00	45.56 0.23 0.00	54.38 -0.22 0.00	48.78 0.00 0.00	41.18 0.08 0.00	40.82 -0.12 0.00	36.57 -0.15 0.00	35.96 -0.11 0.00	35.36 -0.11 0.00	37.37 0.07 0.00	40.12 -0.08 0.00	43.29 -0.79 0.00	45.30 -0.88 0.00	52.23 -0.90 0.00	53.31 -0.76 0.00	51.63 -0.84 0.00	46.35 -0.32 0.00	38.25 -0.15 0.00	33.35 -0.03 0.00
LOWER___HUDSON 24059	35.30 0.89 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.58 0.89 0.00	33.73 1.08 0.00	46.96 1.63 0.00	56.50 1.91 0.00	50.30 1.51 0.00	42.08 0.98 0.00	41.89 0.94 0.00	37.56 0.85 0.00	36.89 0.83 0.00	36.14 0.67 0.00	38.00 0.71 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.56 1.38 0.00	54.83 1.70 0.00	55.91 1.84 0.00	54.10 1.63 0.00	48.21 1.54 0.00	39.67 1.27 0.00	34.55 1.17 0.00
LOWVILLE_115KV_TB2 356335	34.68 0.28 0.00	32.41 0.19 0.00	30.81 0.12 0.00	29.73 0.06 0.00	29.93 0.24 0.00	32.95 0.29 0.00	46.05 0.73 0.00	54.48 -0.11 0.00	47.86 -0.93 0.00	39.78 -1.32 0.00	39.55 -1.39 0.00	35.39 -1.32 0.00	34.66 -1.41 0.00	34.19 -1.28 0.00	36.07 -1.23 0.00	38.87 -1.33 0.00	42.58 -1.50 0.00	44.89 -1.29 0.00	52.07 -1.06 0.00	53.48 -0.59 0.00	51.58 -0.89 0.00	45.93 -0.75 0.00	37.56 -0.84 0.00	32.58 -0.80 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	35.64 1.24 0.00	33.37 1.16 0.00	31.82 1.14 0.00	30.80 1.13 0.00	30.85 1.16 0.00	34.03 1.37 0.00	47.51 2.18 0.00	57.27 2.68 0.00	51.03 2.24 0.00	42.62 1.52 0.00	42.30 1.35 0.00	37.89 1.17 0.00	37.15 1.08 0.00	36.35 0.89 0.00	38.27 0.97 0.00	41.52 1.33 0.00	45.62 1.54 0.00	47.93 1.75 0.00	55.41 2.28 0.00	56.61 2.54 0.00	54.78 2.31 0.00	48.68 2.01 0.00	39.98 1.57 0.00	34.75 1.37 0.00
LUTHERNY_35_KV_BK2 355980	35.64 1.24 0.00	33.41 1.19 0.00	31.82 1.14 0.00	30.82 1.16 0.00	30.85 1.16 0.00	34.03 1.37 0.00	47.55 2.22 0.00	57.32 2.73 0.00	51.03 2.24 0.00	42.62 1.52 0.00	42.34 1.39 0.00	37.93 1.21 0.00	37.15 1.08 0.00	36.39 0.92 0.00	38.30 1.01 0.00	41.52 1.33 0.00	45.62 1.54 0.00	47.98 1.80 0.00	55.41 2.28 0.00	56.67 2.60 0.00	54.83 2.36 0.00	48.73 2.05 0.00	40.02 1.61 0.00	34.79 1.40 0.00
LWR__OSWEGATCHIE_HYD 23850	34.37 -0.03 0.00	32.12 -0.10 0.00	30.59 -0.09 0.00	29.52 -0.15 0.00	29.75 0.06 0.00	32.66 0.00 0.00	45.42 0.09 0.00	54.05 -0.55 0.00	48.00 -0.78 0.00	40.28 -0.82 0.00	39.96 -0.98 0.00	35.76 -0.95 0.00	35.09 -0.97 0.00	34.58 -0.89 0.00	36.51 -0.78 0.00	39.27 -0.92 0.00	42.63 -1.45 0.00	44.79 -1.39 0.00	51.75 -1.38 0.00	53.15 -0.92 0.00	51.32 -1.15 0.00	45.93 -0.75 0.00	37.71 -0.69 0.00	32.78 -0.60 0.00
LYONS_FALL_HYD 23570	34.68 0.27 0.00	32.44 0.23 0.00	30.84 0.15 0.00	29.79 0.12 0.00	29.93 0.24 0.00	32.95 0.29 0.00	46.01 0.68 0.00	54.81 0.22 0.00	48.44 -0.34 0.00	40.44 -0.66 0.00	40.25 -0.70 0.00	36.02 -0.70 0.00	35.30 -0.76 0.00	34.79 -0.67 0.00	36.66 -0.63 0.00	39.51 -0.68 0.00	43.33 -0.75 0.00	45.58 -0.60 0.00	52.76 -0.37 0.00	54.07 0.00 0.00	52.26 -0.21 0.00	46.49 -0.19 0.00	38.06 -0.35 0.00	33.02 -0.37 0.00
MADISON__COUNTY_LFGE 323628	34.88 0.48 0.00	32.67 0.45 0.00	31.02 0.34 0.00	29.96 0.30 0.00	30.08 0.39 0.00	33.08 0.42 0.00	46.15 0.82 0.00	55.47 0.87 0.00	49.47 0.68 0.00	41.51 0.41 0.00	41.36 0.41 0.00	37.01 0.29 0.00	36.32 0.25 0.00	35.75 0.28 0.00	37.59 0.30 0.00	40.52 0.32 0.00	44.52 0.44 0.00	46.69 0.51 0.00	53.98 0.85 0.00	55.15 1.08 0.00	53.42 0.94 0.00	47.42 0.75 0.00	38.90 0.50 0.00	33.75 0.37 0.00
MALONE__115KV_TB1 356076	34.85 0.45 0.00	32.54 0.32 0.00	31.05 0.37 0.00	29.99 0.33 0.00	30.23 0.53 0.00	33.05 0.39 0.00	45.51 0.18 0.00	54.48 -0.11 0.00	49.03 0.24 0.00	41.55 0.45 0.00	41.19 0.25 0.00	36.94 0.22 0.00	36.32 0.25 0.00	35.71 0.25 0.00	37.74 0.45 0.00	40.64 0.44 0.00	44.08 0.00 0.00	45.99 -0.18 0.00	52.70 -0.43 0.00	53.91 -0.16 0.00	52.10 -0.37 0.00	46.63 -0.05 0.00	38.37 -0.04 0.00	33.35 -0.03 0.00
MAPLEWOD_115KV_TB3 80458	35.33 0.93 0.00	33.12 0.90 0.00	31.54 0.86 0.00	30.56 0.89 0.00	30.58 0.89 0.00	33.73 1.08 0.00	46.92 1.59 0.00	56.50 1.91 0.00	50.29 1.51 0.00	42.12 1.03 0.00	41.97 1.02 0.00	37.67 0.95 0.00	36.97 0.90 0.00	36.24 0.78 0.00	38.08 0.78 0.00	41.16 0.96 0.00	45.23 1.15 0.00	47.56 1.39 0.00	54.88 1.75 0.00	55.91 1.84 0.00	54.20 1.73 0.00	48.26 1.59 0.00	39.67 1.27 0.00	34.55 1.17 0.00
MAPLE_RIDGE_WT_1 323574	34.20 -0.21 0.00	31.99 -0.22 0.00	30.38 -0.31 0.00	29.22 -0.44 0.00	29.01 -0.68 0.00	32.10 -0.56 0.00	44.65 -0.68 0.00	54.38 -0.22 0.00	48.69 -0.10 0.00	41.01 -0.08 0.00	40.86 -0.08 0.00	36.64 -0.07 0.00	35.99 -0.07 0.00	35.39 -0.07 0.00	37.22 -0.07 0.00	40.08 -0.12 0.00	43.86 -0.22 0.00	45.90 -0.28 0.00	52.81 -0.32 0.00	53.75 -0.32 0.00	52.16 -0.31 0.00	46.44 -0.23 0.00	38.29 -0.11 0.00	33.28 -0.10 0.00
MAPLE_RIDGE_WT_2 323611	34.20 -0.21 0.00	31.99 -0.22 0.00	30.38 -0.31 0.00	29.22 -0.44 0.00	29.01 -0.68 0.00	32.10 -0.56 0.00	44.65 -0.68 0.00	54.38 -0.22 0.00	48.69 -0.10 0.00	41.01 -0.08 0.00	40.86 -0.08 0.00	36.64 -0.07 0.00	35.99 -0.07 0.00	35.39 -0.07 0.00	37.22 -0.07 0.00	40.08 -0.12 0.00	43.86 -0.22 0.00	45.90 -0.28 0.00	52.81 -0.32 0.00	53.75 -0.32 0.00	52.16 -0.31 0.00	46.44 -0.23 0.00	38.29 -0.11 0.00	33.28 -0.10 0.00
MARBLE_RIVER_WT_PWR 323696	34.54 0.14 0.00	32.28 0.06 0.00	30.81 0.12 0.00	29.76 0.09 0.00	29.90 0.21 0.00	32.69 0.03 0.00	44.97 -0.36 0.00	53.72 -0.88 0.00	48.39 -0.39 0.00	40.97 -0.12 0.00	40.70 -0.24 0.00	36.50 -0.22 0.00	35.88 -0.18 0.00	35.29 -0.18 0.00	37.26 -0.04 0.00	40.20 0.00 0.00	43.77 -0.31 0.00	45.72 -0.46 0.00	52.28 -0.85 0.00	53.15 -0.92 0.00	51.58 -0.89 0.00	46.12 -0.56 0.00	37.90 -0.50 0.00	32.95 -0.43 0.00
MARSHVLE_115KV_TB1 80742	35.57 1.17 0.00	33.31 1.10 0.00	31.70 1.01 0.00	30.68 1.01 0.00	30.73 1.04 0.00	33.93 1.27 0.00	47.69 2.36 0.00	57.43 2.84 0.00	50.78 2.00 0.00	42.00 0.90 0.00	41.40 0.45 0.00	37.01 0.29 0.00	36.28 0.22 0.00	35.64 0.18 0.00	37.74 0.45 0.00	41.12 0.92 0.00	45.36 1.28 0.00	47.79 1.62 0.00	55.57 2.44 0.00	56.99 2.92 0.00	55.15 2.68 0.00	48.82 2.15 0.00	39.94 1.54 0.00	34.59 1.20 0.00
MARSH_HILL_WT_PWR 323713	32.79 -1.62 0.00	30.54 -1.68 0.00	28.78 -1.90 0.00	27.74 -1.93 0.00	27.70 -1.99 0.00	42.00 -2.51 -11.85	75.13 -4.26 -34.07	89.50 -5.35 -40.26	84.17 -4.93 -40.31	84.06 -3.49 -46.46	82.45 -3.52 -45.03	61.74 -3.38 -28.40	59.23 -3.53 -26.70	52.12 -3.72 -20.38	59.09 -4.10 -25.89	78.63 -4.99 -43.42	92.32 -5.03 -53.27	66.01 -5.54 -25.37	77.31 -6.11 -30.29	52.30 -6.00 -4.23	27.01 -5.83 19.63	27.92 -5.46 13.29	41.40 -4.57 -7.57	29.24 -4.24 -0.10
MCINTYRE_115KV_TB2 80467	35.30 0.89 0.00	32.96 0.74 0.00	31.45 0.77 0.00	30.35 0.68 0.00	30.64 0.95 0.00	33.51 0.85 0.00	46.37 1.04 0.00	55.25 0.66 0.00	49.47 0.68 0.00	41.71 0.62 0.00	41.31 0.37 0.00	37.01 0.29 0.00	36.35 0.29 0.00	35.78 0.32 0.00	37.82 0.52 0.00	40.68 0.48 0.00	44.08 0.00 0.00	46.18 0.00 0.00	53.18 0.05 0.00	54.61 0.54 0.00	52.89 0.42 0.00	47.33 0.65 0.00	39.02 0.61 0.00	33.98 0.60 0.00
MECO____69_KV_BK1 80468	36.09 1.69 0.00	33.79 1.58 0.00	32.16 1.47 0.00	31.15 1.48 0.00	31.18 1.48 0.00	34.45 1.80 0.00	48.46 3.13 0.00	58.41 3.82 0.00	51.56 2.78 0.00	42.58 1.48 0.00	41.89 0.94 0.00	37.41 0.70 0.00	36.64 0.58 0.00	35.96 0.50 0.00	38.08 0.78 0.00	41.52 1.33 0.00	45.84 1.76 0.00	48.35 2.17 0.00	56.32 3.19 0.00	57.86 3.78 0.00	55.93 3.46 0.00	49.52 2.85 0.00	40.52 2.11 0.00	35.09 1.70 0.00
MENANDS__115KV_TB5 355628	35.26 0.86 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.56 0.86 0.00	33.70 1.05 0.00	46.83 1.50 0.00	56.34 1.75 0.00	50.20 1.41 0.00	42.08 0.99 0.00	41.93 0.98 0.00	37.63 0.92 0.00	36.93 0.87 0.00	36.21 0.74 0.00	38.08 0.78 0.00	41.12 0.92 0.00	45.18 1.10 0.00	47.47 1.29 0.00	54.72 1.59 0.00	55.75 1.68 0.00	54.05 1.57 0.00	48.17 1.49 0.00	39.59 1.19 0.00	34.52 1.14 0.00

MG INDUSTRY___DRP 24185	35.26 0.86 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.50 0.80 0.00	33.60 0.95 0.00	46.73 1.41 0.00	56.29 1.69 0.00	50.20 1.41 0.00	42.00 0.90 0.00	41.77 0.82 0.00	37.41 0.70 0.00	36.71 0.65 0.00	36.07 0.60 0.00	37.93 0.63 0.00	41.04 0.84 0.00	45.09 1.01 0.00	47.38 1.20 0.00	54.62 1.49 0.00	55.64 1.57 0.00	53.99 1.52 0.00	48.03 1.35 0.00	39.52 1.11 0.00	34.39 1.00 0.00
MID___OSWEGATCHIE_HYD 23849	34.37 -0.03 0.00	32.12 -0.10 0.00	30.59 -0.09 0.00	29.52 -0.15 0.00	29.75 0.06 0.00	32.66 0.00 0.00	45.42 0.09 0.00	54.05 -0.55 0.00	48.00 -0.78 0.00	40.28 -0.82 0.00	39.96 -0.98 0.00	35.76 -0.95 0.00	35.09 -0.97 0.00	34.58 -0.89 0.00	36.51 -0.78 0.00	39.27 -0.92 0.00	42.63 -1.45 0.00	44.79 -1.39 0.00	51.75 -1.38 0.00	53.15 -0.92 0.00	51.32 -1.15 0.00	45.93 -0.75 0.00	37.71 -0.69 0.00	32.78 -0.60 0.00
MID___RAQUETTE_HYD 23851	34.71 0.31 0.00	32.41 0.19 0.00	30.93 0.25 0.00	29.88 0.21 0.00	30.11 0.42 0.00	32.95 0.29 0.00	45.56 0.23 0.00	54.37 -0.22 0.00	48.78 0.00 0.00	41.18 0.08 0.00	40.82 -0.12 0.00	36.57 -0.15 0.00	35.96 -0.11 0.00	35.36 -0.11 0.00	37.37 0.07 0.00	40.12 -0.08 0.00	43.29 -0.79 0.00	45.30 -0.88 0.00	52.07 -1.06 0.00	53.31 -0.76 0.00	51.63 -0.84 0.00	46.35 -0.33 0.00	38.25 -0.15 0.00	33.35 -0.03 0.00
MILLIKEN___1 23584	34.61 0.21 0.00	32.41 0.19 0.00	30.78 0.09 0.00	29.73 0.06 0.00	29.78 0.09 0.00	33.09 0.07 -0.36	46.61 0.23 -1.05	56.00 0.16 -1.24	50.12 0.10 -1.24	42.71 0.21 -1.41	42.44 0.12 -1.37	37.61 0.04 -0.86	37.22 -0.04 -1.19	36.02 -0.07 -0.63	38.02 -0.07 -0.80	41.42 -0.12 -1.34	45.73 0.00 -1.65	47.85 0.05 -1.63	55.41 0.27 -2.01	55.05 0.54 -0.44	48.01 0.42 4.88	42.73 0.23 4.18	38.65 0.15 -0.10	33.43 0.03 -0.01
MILLIKEN___2 23585	34.61 0.21 0.00	32.41 0.19 0.00	30.78 0.09 0.00	29.73 0.06 0.00	29.78 0.09 0.00	33.09 0.07 -0.36	46.61 0.23 -1.05	56.00 0.16 -1.24	50.12 0.10 -1.24	42.71 0.21 -1.41	42.44 0.12 -1.37	37.61 0.04 -0.86	37.22 -0.04 -1.19	36.02 -0.07 -0.63	38.02 -0.07 -0.80	41.42 -0.12 -1.34	45.73 0.00 -1.65	47.85 0.05 -1.63	55.41 0.27 -2.01	55.05 0.54 -0.44	48.01 0.42 4.88	42.73 0.23 4.18	38.65 0.15 -0.10	33.43 0.03 -0.01
MILLIKEN___DIESEL 23629	34.61 0.21 0.00	32.41 0.19 0.00	30.78 0.09 0.00	29.73 0.06 0.00	29.78 0.09 0.00	33.09 0.07 -0.36	46.61 0.23 -1.05	56.00 0.16 -1.24	50.12 0.10 -1.24	42.71 0.21 -1.41	42.44 0.12 -1.37	37.61 0.04 -0.86	37.22 -0.04 -1.19	36.02 -0.07 -0.63	38.02 -0.07 -0.80	41.42 -0.12 -1.34	45.73 0.00 -1.65	47.85 0.05 -1.63	55.41 0.27 -2.01	55.05 0.54 -0.44	48.01 0.42 4.88	42.73 0.23 4.18	38.65 0.15 -0.10	33.43 0.03 -0.01
MILLSEAT___LFGE 323607	32.51 -1.89 0.00	30.70 -1.51 0.00	28.84 -1.84 0.00	27.86 -1.81 0.00	27.82 -1.87 0.00	29.04 -2.32 1.29	38.20 -3.04 4.10	46.46 -3.33 4.81	41.58 -2.39 4.81	36.82 -2.14 2.13	36.67 -2.21 2.07	33.48 -1.95 1.29	31.90 -1.88 2.29	31.05 -1.92 2.50	31.64 -1.98 3.68	31.65 -2.41 6.13	33.97 -2.60 7.51	37.03 -4.71 4.44	38.57 -5.36 9.19	38.83 -5.14 10.11	37.43 -4.93 10.11	31.91 -4.62 10.14	31.74 -3.88 2.79	29.57 -3.67 0.14
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.23 0.83 0.00	33.02 0.81 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.38 0.68 0.00	33.57 0.91 0.00	46.69 1.36 0.00	56.50 1.91 0.00	50.39 1.61 0.00	42.62 1.52 0.00	42.67 1.72 0.00	38.29 1.58 0.00	37.65 1.59 0.00	37.17 1.70 0.00	39.01 1.72 0.00	42.21 2.01 0.00	46.42 2.34 0.00	48.58 2.40 0.00	55.68 2.55 0.00	56.45 2.38 0.00	54.83 2.36 0.00	48.64 1.96 0.00	39.98 1.57 0.00	34.65 1.27 0.00
MILLWOOD_13_KV_LOAD 356217	35.30 0.89 0.00	33.08 0.87 0.00	31.57 0.89 0.00	30.56 0.89 0.00	30.41 0.71 0.00	33.64 0.98 0.00	46.73 1.41 0.00	56.61 2.02 0.00	50.49 1.71 0.00	42.70 1.60 0.00	42.75 1.80 0.00	38.37 1.65 0.00	37.76 1.70 0.00	37.24 1.77 0.00	39.09 1.79 0.00	42.29 2.09 0.00	46.55 2.47 0.00	48.67 2.49 0.00	55.84 2.71 0.00	56.67 2.60 0.00	54.99 2.52 0.00	48.78 2.10 0.00	40.09 1.69 0.00	34.75 1.37 0.00
MODEL_CITY_ENERGY 24167	30.52 -3.89 0.00	28.90 -3.32 0.00	27.16 -3.53 0.00	26.28 -3.38 0.00	26.19 -3.50 0.00	24.84 -4.41 3.41	29.08 -6.21 10.05	35.45 -7.31 11.83	31.03 -5.90 11.85	25.47 -5.02 10.61	25.71 -4.96 10.28	25.75 -4.48 6.49	25.43 -4.33 6.30	25.02 -4.36 6.08	24.66 -4.48 8.16	21.68 -4.91 13.61	21.93 -5.47 16.68	34.17 -6.42 5.59	34.91 -7.54 10.67	36.16 -7.35 10.56	34.24 -7.08 11.15	29.02 -6.35 11.31	29.88 -5.19 3.34	28.29 -4.94 0.15
MODERN_LFGE___ 323580	30.52 -3.89 0.00	28.90 -3.32 0.00	27.16 -3.53 0.00	26.28 -3.38 0.00	26.19 -3.50 0.00	24.84 -4.41 3.41	29.08 -6.21 10.05	35.45 -7.31 11.83	31.03 -5.90 11.85	25.47 -5.02 10.61	25.71 -4.96 10.28	25.75 -4.48 6.49	25.43 -4.33 6.30	25.02 -4.36 6.08	24.66 -4.48 8.16	21.68 -4.91 13.61	21.93 -5.47 16.68	34.17 -6.42 5.59	34.91 -7.54 10.67	36.16 -7.35 10.56	34.24 -7.08 11.15	29.02 -6.35 11.31	29.88 -5.19 3.34	28.29 -4.94 0.15
MOHAWK_PAPER___DRP 24187	35.33 0.93 0.00	33.12 0.90 0.00	31.54 0.86 0.00	30.56 0.89 0.00	30.58 0.89 0.00	33.73 1.08 0.00	46.92 1.59 0.00	56.50 1.91 0.00	50.29 1.51 0.00	42.12 1.03 0.00	41.97 1.02 0.00	37.67 0.95 0.00	36.97 0.90 0.00	36.24 0.78 0.00	38.08 0.78 0.00	41.16 0.96 0.00	45.23 1.15 0.00	47.56 1.39 0.00	54.88 1.75 0.00	55.91 1.84 0.00	54.20 1.73 0.00	48.26 1.59 0.00	39.67 1.27 0.00	34.55 1.17 0.00
MOHICAN_35_KV_115KV_LD 80490	35.85 1.44 0.00	33.57 1.35 0.00	32.00 1.32 0.00	31.00 1.34 0.00	31.06 1.37 0.00	34.26 1.60 0.00	48.00 2.67 0.00	57.92 3.33 0.00	51.56 2.78 0.00	42.99 1.89 0.00	42.58 1.64 0.00	38.11 1.40 0.00	37.29 1.23 0.00	36.46 0.99 0.00	38.38 1.08 0.00	41.72 1.53 0.00	45.84 1.76 0.00	48.21 2.03 0.00	55.79 2.66 0.00	57.21 3.14 0.00	55.30 2.83 0.00	49.06 2.38 0.00	40.21 1.80 0.00	34.92 1.54 0.00
MONGAUP___HYD 23641	35.23 0.82 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.44 0.77 0.00	30.35 0.65 0.00	33.57 0.91 0.00	46.60 1.27 0.00	56.45 1.86 0.00	50.00 1.22 0.00	42.00 0.90 0.00	41.93 0.98 0.00	37.63 0.92 0.00	36.97 0.90 0.00	36.49 1.03 0.00	38.34 1.04 0.00	41.40 1.20 0.00	45.62 1.54 0.00	47.84 1.66 0.00	55.15 2.02 0.00	56.01 1.94 0.00	54.52 2.04 0.00	48.31 1.63 0.00	39.55 1.15 0.00	34.35 0.97 0.00
MONTAUK___DIESEL 23721	36.95 2.55 0.00	34.76 2.54 0.00	33.02 2.33 0.00	32.04 2.37 0.00	31.71 2.02 0.00	34.75 2.09 0.00	47.69 2.36 0.00	57.60 3.00 0.00	51.66 2.88 0.00	44.76 3.66 0.00	45.19 4.18 -0.07	40.40 3.67 -0.01	39.61 3.53 -0.01	39.86 3.72 -0.68	41.07 3.77 -0.01	49.77 4.30 -5.27	53.18 4.67 -4.43	53.45 4.71 -2.57	58.29 5.15 -0.01	59.70 5.30 -0.33	57.41 4.93 -0.01	51.45 4.76 -0.01	42.59 4.19 0.00	36.62 3.24 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	31.96 -2.44 0.00	29.73 -2.48 0.00	27.80 -2.88 0.00	26.67 -3.00 0.00	26.46 -3.24 0.00	25.29 -3.66 3.71	29.15 -5.30 10.87	35.55 -6.22 12.82	30.14 -5.81 12.84	23.93 -4.32 12.85	24.15 -4.34 12.45	25.00 -3.86 7.86	24.41 -3.97 7.69	24.77 -4.18 6.50	24.14 -4.62 8.53	20.71 -5.23 14.26	21.22 -5.38 17.48	32.87 -6.33 6.98	34.30 -7.17 11.65	38.16 -6.76 9.15	31.92 -6.93 13.62	26.34 -6.49 13.85	28.71 -5.57 4.13	28.35 -4.91 0.13
MORRIS RIDGE___SOLAR 323848	32.41 -2.00 0.00	30.25 -1.97 0.00	28.51 -2.18 0.00	27.50 -2.16 0.00	27.44 -2.26 0.00	22.19 -2.74 7.73	18.74 -4.21 22.38	23.04 -5.13 26.42	17.54 -4.78 26.46	8.50 -3.62 28.98	9.17 -3.69 28.09	15.58 -3.41 17.72	10.28 -3.50 22.29	18.46 -3.62 13.38	16.15 -3.88 17.27	6.82 -4.50 28.88	4.00 -4.67 35.41	13.52 -5.17 27.49	11.40 -5.74 35.99	36.40 -5.46 12.21	28.31 -5.20 18.96	19.25 -4.81 22.62	21.84 -4.03 12.53	29.48 -3.71 0.20
MORTIMER_115KV_TB3 55949	32.96 -1.44 0.00	30.86 -1.35 0.00	29.18 -1.50 0.00	28.15 -1.51 0.00	28.21 -1.48 0.00	31.90 -1.70 -0.94	45.69 -2.40 -2.76	55.28 -2.57 -3.26	49.95 -2.10 -3.26	42.59 -1.68 -3.17	42.34 -1.68 -3.08	37.19 -1.47 -1.94	35.62 -1.48 -1.03	35.71 -1.42 -1.66	37.98 -1.49 -2.18	41.91 -1.93 -3.65	46.52 -2.03 -4.47	43.69 -2.49 0.00	51.50 -2.76 -1.13	54.07 -2.70 -2.71	43.04 -2.57 6.86	37.84 -2.52 6.31	35.48 -2.19 0.74	31.51 -1.90 -0.03
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.43 1.03 0.00	33.21 1.00 0.00	31.70 1.01 0.00	30.68 1.01 0.00	30.53 0.83 0.00	33.73 1.08 0.00	46.96 1.63 0.00	56.89 2.29 0.00	50.73 1.95 0.00	42.99 1.89 0.00	43.04 2.09 0.00	38.66 1.95 0.00	38.01 1.95 0.00	37.52 2.06 0.00	39.39 2.09 0.00	42.61 2.41 0.00	46.86 2.78 0.00	49.00 2.82 0.00	56.10 2.98 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.29 1.88 0.00	34.89 1.50 0.00
MUNSVILLE_WIND_PWR 323609	35.71 1.31 0.00	33.37 1.16 0.00	31.60 0.92 0.00	30.44 0.77 0.00	30.56 0.86 0.00	33.49 0.88 0.05	46.76 1.59 0.16	56.15 1.75 0.18	50.01 1.42 0.19	41.92 0.82 0.00	41.56 0.62 0.00	37.19 0.48 0.00	36.83 0.32 -0.44	35.68 0.32 0.10	37.56 0.41 0.15	40.35 0.40 0.25	44.43 0.66 0.31	48.27 1.06 -1.03	56.10 1.70 -1.27	56.67 2.32 -0.28	56.85 1.99 -2.39	50.42 1.35 -2.39	39.90 0.84 -0.65	34.12 0.73 -0.01
N SALMON___HYD 24042	34.85 0.45 0.00	32.54 0.32 0.00	31.05 0.37 0.00	29.99 0.33 0.00	30.23 0.54 0.00	33.05 0.39 0.00	45.51 0.18 0.00	54.48 -0.11 0.00	49.03 0.25 0.00	41.55 0.45 0.00	41.19 0.25 0.00	36.94 0.22 0.00	36.32 0.25 0.00	35.71 0.25 0.00	37.75 0.45 0.00	40.64 0.44 0.00	44.08 0.00 0.00	45.99 -0.18 0.00	52.87 -0.26 0.00	53.91 -0.16 0.00	52.11 -0.36 0.00	46.63 -0.05 0.00	38.37 -0.04 0.00	33.35 -0.03 0.00
N.AKRON___115KV_KNAPP 355671	31.96 -2.44 0.00	30.18 -2.03 0.00	28.35 -2.33 0.00	27.29 -2.37 0.00	27.14 -2.55 0.00	27.90 -2.94 1.82	35.82 -3.81 5.71	43.86 -4.04 6.69	38.61 -3.46 6.70	34.76 -2.96 3.38	34.68 -2.99 3.27	31.99 -2.68 2.04	30.41 -2.60 3.06	29.40 -2.59 3.47	29.52 -2.72 5.06	28.68 -3.10 8.42	30.37 -3.39 10.32	36.70 -4.85 4.63	37.75 -5.47 9.91	37.45 -5.30 11.32	37.12 -5.09 10.26	31.60 -4.76 10.31	31.54 -3.99 2.87	29.46 -3.77 0.15
N.E._GEN_SANDY PD 24062	35.19 0.79 0.00	33.02 0.81 0.00	31.48 0.80 0.00	30.47 0.80 0.00	30.52 0.83 0.00	35.00 1.04 -1.30	46.78 1.45 0.00	56.34 1.75 0.00	50.10 1.32 0.00	42.00 0.90 0.00	41.89 0.94 0.00	37.63 0.92 0.00	37.00 0.94 0.00	36.28 0.82 0.00	38.12 0.82 0.00	41.16 0.96 0.00	45.22 1.14 0.00	47.70 1.52 0.00	54.94 1.81 0.00	55.80 1.73 0.00	54.04 1.57 0.00	48.21 1.54 0.00	39.71 1.31 0.00	35.00 1.20 -0.42
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.16 0.76 0.00	32.96 0.74 0.00	31.45 0.77 0.00	30.44 0.77 0.00	30.32 0.62 0.00	33.51 0.85 0.00	46.60 1.27 0.00	56.39 1.80 0.00	50.25 1.46 0.00	42.49 1.40 0.00	42.54 1.60 0.00	38.18 1.47 0.00	37.54 1.48 0.00	37.06 1.60 0.00	38.90 1.60 0.00	42.05 1.85 0.00	46.28 2.20 0.00	48.39 2.22 0.00	55.52 2.39 0.00	56.29 2.22 0.00	54.67 2.20 0.00	48.50 1.82 0.00	39.86 1.46 0.00	34.55 1.17 0.00
N.QUEENS_27_KV_LOAD 356247	35.57 1.17 0.00	33.34 1.13 0.00	32.04 1.35 -0.01	31.00 1.34 0.00	30.76 1.07 0.00	33.64 0.98 0.00	46.87 1.54 0.00	56.61 2.02 0.00	50.68 1.90 0.00	43.03 1.93 0.00	43.08 2.13 0.00	38.81 2.09 0.00	38.16 2.09 0.00	37.63 2.16 0.00	39.46 2.16 0.00	42.73 2.53 0.00	46.99 2.91 0.00	48.95 2.77 0.00	56.05 2.92 0.00	56.67 2.60 0.00	55.15 2.68 0.00	48.78 2.10 0.00	40.36 1.96 0.00	34.92 1.54 0.00
N.TROY___115KV_TB1 355778	35.30 0.89 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.53 0.86 0.00	30.58 0.89 0.00	33.73 1.08 0.00	46.96 1.63 0.00	56.50 1.91 0.00	50.34 1.56 0.00	42.08 0.99 0.00	41.89 0.94 0.00	37.56 0.84 0.00	36.89 0.83 0.00	36.14 0.67 0.00	38.00 0.71 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.52 1.34 0.00	54.83 1.70 0.00	55.91 1.84 0.00	54.10 1.63 0.00	48.26 1.59 0.00	39.67 1.27 0.00	34.55 1.17 0.00
NARROWS_GT1_1 24228	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.97 1.89 0.01	43.10 2.17 0.01	38.65 1.94 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT1_2 24229	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.97 1.89 0.01	43.10 2.17 0.01	38.65 1.94 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT1_3 24230	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.97 1.89 0.01	43.10 2.17 0.01	38.65 1.94 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT1_4 24231	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.97 1.89 0.01	43.10 2.17 0.01	38.65 1.94 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00

NARROWS_GT1_5 24232	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.97 1.89 0.01	43.10 2.17 0.01	38.65 1.94 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT1_6 24233	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.97 1.89 0.01	43.10 2.17 0.01	38.65 1.94 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT1_7 24234	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.97 1.89 0.01	43.10 2.17 0.01	38.65 1.94 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT1_8 24235	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.97 1.89 0.01	43.10 2.17 0.01	38.65 1.94 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT2_1 24236	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	43.06 1.89 -0.07	43.19 2.17 -0.07	38.73 1.94 -0.07	38.41 2.27 -0.07	37.81 2.27 -0.07	39.57 2.20 -0.07	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT2_2 24237	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	43.06 1.89 -0.07	43.19 2.17 -0.07	38.73 1.94 -0.07	38.41 2.27 -0.07	37.81 2.27 -0.07	39.57 2.20 -0.07	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT2_3 24238	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	43.06 1.89 -0.07	43.19 2.17 -0.07	38.73 1.94 -0.07	38.41 2.27 -0.07	37.81 2.27 -0.07	39.57 2.20 -0.07	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT2_4 24239	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	43.06 1.89 -0.07	43.19 2.17 -0.07	38.73 1.94 -0.07	38.41 2.27 -0.07	37.81 2.27 -0.07	39.57 2.20 -0.07	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT2_5 24240	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	43.06 1.89 -0.07	43.19 2.17 -0.07	38.73 1.94 -0.07	38.41 2.27 -0.07	37.81 2.27 -0.07	39.57 2.20 -0.07	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT2_6 24241	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	43.06 1.89 -0.07	43.19 2.17 -0.07	38.73 1.94 -0.07	38.41 2.27 -0.07	37.81 2.27 -0.07	39.57 2.20 -0.07	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT2_7 24242	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	43.06 1.89 -0.07	43.19 2.17 -0.07	38.73 1.94 -0.07	38.41 2.27 -0.07	37.81 2.27 -0.07	39.57 2.20 -0.07	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NARROWS_GT2_8 24243	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	43.06 1.89 -0.07	43.19 2.17 -0.07	38.73 1.94 -0.07	38.41 2.27 -0.07	37.81 2.27 -0.07	39.57 2.20 -0.07	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.81 1.41 0.00	33.57 1.35 0.00	32.00 1.32 0.00	30.94 1.28 0.00	30.94 1.25 0.00	34.16 1.50 0.00	47.46 2.13 0.00	57.21 2.62 0.00	50.88 2.10 0.00	42.29 1.19 0.00	41.89 0.94 0.00	37.41 0.70 0.00	36.68 0.61 0.00	36.14 0.67 0.00	38.04 0.75 0.00	41.08 0.88 0.00	45.31 1.23 0.00	47.66 1.48 0.00	55.10 1.97 0.00	56.29 2.22 0.00	54.67 2.20 0.00	48.64 1.96 0.00	39.90 1.50 0.00	34.75 1.37 0.00
NCHELSEA_115KV_TR2 355582	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.62 0.95 0.00	30.50 0.80 0.00	33.73 1.08 0.00	46.83 1.50 0.00	56.72 2.13 0.00	50.44 1.66 0.00	42.49 1.40 0.00	42.46 1.52 0.00	38.11 1.40 0.00	37.40 1.33 0.00	36.99 1.52 0.00	38.86 1.57 0.00	41.97 1.77 0.00	46.20 2.12 0.00	48.35 2.17 0.00	55.52 2.39 0.00	56.40 2.33 0.00	54.83 2.36 0.00	48.64 1.96 0.00	39.90 1.50 0.00	34.65 1.27 0.00
NEG CAPITAL__MECHNVIL 23645	35.68 1.27 0.00	33.44 1.22 0.00	31.85 1.17 0.00	30.86 1.19 0.00	30.88 1.19 0.00	34.09 1.44 0.00	47.60 2.27 0.00	57.38 2.78 0.00	51.08 2.29 0.00	42.66 1.56 0.00	42.38 1.43 0.00	37.96 1.25 0.00	37.22 1.15 0.00	36.42 0.96 0.00	38.34 1.04 0.00	41.56 1.37 0.00	45.67 1.58 0.00	48.07 1.89 0.00	55.52 2.39 0.00	56.72 2.65 0.00	54.89 2.41 0.00	48.78 2.10 0.00	40.05 1.65 0.00	34.85 1.47 0.00

NEG CENTRAL_HIGH_ACRES 23767	32.68 -1.72 0.00	30.60 -1.61 0.00	28.97 -1.72 0.00	28.01 -1.66 0.00	28.03 -1.66 0.00	31.49 -1.89 -0.73	44.87 -2.58 -2.13	53.99 -3.11 -2.51	48.90 -2.39 -2.51	41.75 -1.89 -2.54	41.53 -1.88 -2.47	36.58 -1.69 -1.56	35.20 -1.69 -0.83	35.11 -1.63 -1.27	37.24 -1.72 -1.66	40.84 -2.13 -2.78	45.24 -2.25 -3.41	43.55 -2.63 0.00	50.81 -2.92 -0.60	52.69 -2.81 -1.44	43.85 -2.73 5.89	38.60 -2.66 5.42	35.50 -2.27 0.63	31.40 -2.00 -0.02
NEG CENTRAL___DRP 24199	33.96 -0.45 0.00	31.80 -0.42 0.00	30.16 -0.52 0.00	29.13 -0.53 0.00	29.19 -0.50 0.00	33.22 -0.59 -1.15	47.93 -0.73 -3.33	57.54 -0.98 -3.93	51.84 -0.88 -3.93	45.08 -0.49 -4.47	44.75 -0.53 -4.34	38.86 -0.59 -2.74	37.90 -0.61 -2.44	36.81 -0.64 -1.99	39.08 -0.75 -2.53	43.52 -0.92 -4.25	48.46 -0.84 -5.21	47.30 -0.97 -2.09	54.82 -0.90 -2.59	53.93 -0.70 -0.57	44.77 -0.79 6.92	39.86 -0.84 5.97	37.73 -0.73 -0.05	32.66 -0.73 -0.01
NEG CENTRAL___INDECK 23768	33.78 -0.62 0.00	31.60 -0.61 0.00	29.82 -0.86 0.00	28.78 -0.89 0.00	28.77 -0.92 0.00	42.30 -1.11 -10.75	73.27 -2.99 -30.94	87.27 -3.87 -36.55	81.93 -3.46 -36.61	80.17 -2.80 -41.87	78.54 -2.99 -40.58	59.60 -2.72 -25.60	56.66 -2.85 -23.45	51.12 -2.84 -18.50	57.85 -2.99 -23.54	76.05 -3.62 -39.47	88.80 -3.70 -48.42	63.56 -3.97 -21.35	74.98 -4.14 -26.00	55.33 -3.51 -4.77	37.41 -1.68 13.38	36.56 -1.82 8.29	43.38 -1.73 -6.71	31.78 -1.70 -0.10
NEG CENTRAL___SENECA 23627	33.89 -0.52 0.00	31.70 -0.52 0.00	30.01 -0.68 0.00	28.99 -0.68 0.00	29.04 -0.65 0.00	33.67 -0.75 -1.76	49.41 -1.00 -5.07	59.28 -1.31 -5.99	53.62 -1.17 -6.00	47.22 -0.70 -6.83	46.83 -0.74 -6.62	40.12 -0.77 -4.17	38.97 -0.87 -3.77	37.61 -0.89 -3.03	40.16 -1.01 -3.87	45.43 -1.25 -6.48	50.89 -1.15 -7.95	48.15 -1.34 -3.31	55.95 -1.28 -4.09	53.94 -1.03 -0.89	41.33 -1.10 10.03	36.94 -1.12 8.61	37.59 -1.00 -0.18	32.37 -1.03 -0.02
NEG CENTRAL___STATE_STREET 24147	34.13 -0.28 0.00	31.96 -0.26 0.00	30.35 -0.34 0.00	29.34 -0.33 0.00	29.37 -0.33 0.00	32.80 -0.36 -0.50	46.41 -0.36 -1.45	55.81 -0.49 -1.71	50.05 -0.44 -1.71	42.84 -0.21 -1.95	42.59 -0.25 -1.89	37.61 -0.29 -1.19	36.79 -0.32 -1.05	35.97 -0.35 -0.86	38.02 -0.37 -1.10	41.56 -0.48 -1.85	45.95 -0.40 -2.27	46.57 -0.46 -0.85	53.81 -0.37 -1.06	54.08 -0.22 -0.23	48.25 -0.26 3.96	42.87 -0.33 3.48	37.96 -0.35 0.10	32.99 -0.40 0.00
NEG MILLWOOD___DRP 24198	35.54 1.14 0.00	33.31 1.10 0.00	31.79 1.10 0.00	30.74 1.07 0.00	30.58 0.89 0.00	33.83 1.18 0.00	46.96 1.63 0.00	57.00 2.40 0.00	50.68 1.90 0.00	42.82 1.73 0.00	42.75 1.80 0.00	38.37 1.65 0.00	37.76 1.70 0.00	37.27 1.81 0.00	39.12 1.83 0.00	42.33 2.13 0.00	46.64 2.56 0.00	48.81 2.63 0.00	56.05 2.92 0.00	56.94 2.87 0.00	55.36 2.89 0.00	49.10 2.43 0.00	40.25 1.84 0.00	34.92 1.54 0.00
NEG NORTH_FLCN_SEA 23793	34.92 0.52 0.00	32.63 0.42 0.00	31.14 0.46 0.00	30.08 0.42 0.00	30.26 0.56 0.00	33.08 0.42 0.00	45.19 -0.14 0.00	53.77 -0.82 0.00	48.73 -0.05 0.00	41.26 0.16 0.00	40.95 0.00 0.00	36.72 0.00 0.00	36.06 0.00 0.00	35.50 0.04 0.00	37.45 0.15 0.00	40.44 0.24 0.00	43.99 -0.09 0.00	45.90 -0.28 0.00	52.17 -0.96 0.00	53.21 -0.87 0.00	51.74 -0.73 0.00	46.63 -0.05 0.00	38.33 -0.08 0.00	33.28 -0.10 0.00
NEG NORTH_KES_CHATAGAY 23792	34.61 0.21 0.00	32.31 0.10 0.00	30.84 0.15 0.00	29.79 0.12 0.00	29.96 0.27 0.00	32.72 0.07 0.00	45.01 -0.32 0.00	53.83 -0.76 0.00	48.44 -0.34 0.00	40.97 -0.12 0.00	40.70 -0.25 0.00	36.53 -0.18 0.00	35.92 -0.14 0.00	35.32 -0.14 0.00	37.30 0.00 0.00	40.24 0.04 0.00	43.86 -0.22 0.00	45.76 -0.42 0.00	52.28 -0.85 0.00	53.31 -0.76 0.00	51.68 -0.79 0.00	46.21 -0.47 0.00	37.98 -0.42 0.00	32.98 -0.40 0.00
NEG NORTH___ALICE_FALLS 23915	34.99 0.58 0.00	32.67 0.45 0.00	31.21 0.52 0.00	30.14 0.47 0.00	30.35 0.65 0.00	33.18 0.52 0.00	45.47 0.14 0.00	54.21 -0.38 0.00	48.98 0.20 0.00	41.51 0.41 0.00	41.15 0.20 0.00	36.90 0.18 0.00	36.28 0.22 0.00	35.68 0.21 0.00	37.67 0.37 0.00	40.68 0.48 0.00	44.26 0.18 0.00	46.18 0.00 0.00	52.60 -0.53 0.00	53.75 -0.32 0.00	52.10 -0.37 0.00	46.77 0.09 0.00	38.44 0.04 0.00	33.38 0.00 0.00
NEG NORTH___LWR_SARANAC 23913	34.99 0.58 0.00	32.67 0.45 0.00	31.21 0.52 0.00	30.14 0.47 0.00	30.35 0.65 0.00	33.18 0.52 0.00	45.47 0.14 0.00	54.21 -0.38 0.00	48.98 0.20 0.00	41.51 0.41 0.00	41.15 0.20 0.00	36.90 0.18 0.00	36.28 0.22 0.00	35.68 0.21 0.00	37.67 0.37 0.00	40.68 0.48 0.00	44.26 0.18 0.00	46.18 0.00 0.00	52.60 -0.53 0.00	53.75 -0.32 0.00	52.10 -0.37 0.00	46.77 0.09 0.00	38.44 0.04 0.00	33.38 0.00 0.00
NEG NORTH___PLATTSBURG 23628	34.99 0.58 0.00	32.67 0.45 0.00	31.20 0.52 0.00	30.14 0.47 0.00	30.35 0.65 0.00	33.18 0.52 0.00	45.47 0.14 0.00	54.21 -0.38 0.00	48.98 0.20 0.00	41.51 0.41 0.00	41.15 0.21 0.00	36.90 0.18 0.00	36.28 0.22 0.00	35.68 0.21 0.00	37.67 0.37 0.00	40.68 0.48 0.00	44.26 0.18 0.00	46.18 0.00 0.00	52.76 -0.37 0.00	53.75 -0.32 0.00	52.11 -0.36 0.00	46.77 0.09 0.00	38.44 0.04 0.00	33.38 0.00 0.00
NEG WEST_LEA_LOCKPORT 23791	31.24 -3.17 0.00	29.15 -3.06 0.00	27.43 -3.25 0.00	26.43 -3.23 0.00	26.46 -3.24 0.00	24.85 -3.82 3.99	28.08 -5.58 11.68	34.37 -6.44 13.78	29.33 -5.66 13.80	22.76 -4.44 13.90	23.09 -4.38 13.47	24.25 -3.97 8.50	23.67 -3.93 8.47	24.51 -3.97 6.98	23.97 -4.18 9.15	20.04 -4.86 15.29	20.22 -5.11 18.74	34.41 -6.14 5.63	34.84 -7.07 11.23	35.32 -6.98 11.78	34.77 -6.72 10.99	29.44 -6.07 11.17	30.04 -5.03 3.33	28.58 -4.64 0.16
NEG WEST___LANCASTER 23811	32.48 -1.93 0.00	30.35 -1.87 0.00	28.54 -2.15 0.00	27.53 -2.14 0.00	27.47 -2.23 0.00	26.74 -2.32 3.60	31.15 -3.63 10.55	37.83 -4.31 12.45	32.41 -3.90 12.47	26.64 -2.05 12.40	26.88 -2.05 12.02	27.29 -1.84 7.59	26.84 -1.91 7.31	26.77 -2.38 6.32	26.13 -2.87 8.29	23.08 -3.26 13.86	23.96 -3.13 16.99	36.11 -3.60 6.47	38.01 -4.09 11.03	41.10 -3.95 9.02	35.07 -3.78 13.62	29.43 -3.50 13.75	31.51 -2.96 3.94	30.42 -2.84 0.13
NEG_PENN_ALLEGHNY 23528	34.16 -0.24 0.00	31.99 -0.22 0.00	30.35 -0.34 0.00	29.34 -0.33 0.00	29.34 -0.36 0.00	31.53 -0.39 0.74	42.73 -0.45 2.15	51.79 -0.27 2.53	45.95 -0.29 2.54	38.58 0.04 2.55	38.51 0.04 2.48	35.15 0.00 1.56	35.15 -0.07 0.84	34.03 -0.14 1.29	35.42 -0.19 1.69	36.89 -0.48 2.83	40.17 -0.44 3.47	45.63 -0.55 0.00	52.00 -0.58 0.55	52.32 -0.43 1.31	66.35 -0.47 -14.35	59.42 -0.47 -13.21	39.53 -0.42 -1.54	32.90 -0.47 0.02
NEG___GEN_MONROE 24207	32.99 -1.41 0.00	30.93 -1.29 0.00	29.21 -1.47 0.00	28.18 -1.48 0.00	28.21 -1.48 0.00	31.77 -1.70 -0.81	45.36 -2.31 -2.35	54.85 -2.51 -2.77	49.41 -2.15 -2.77	42.14 -1.81 -2.85	41.87 -1.84 -2.76	36.81 -1.65 -1.75	35.36 -1.62 -0.92	35.24 -1.63 -1.41	37.44 -1.68 -1.82	41.12 -2.13 -3.05	45.44 -2.38 -3.74	43.32 -2.86 0.00	50.91 -3.08 -0.86	53.25 -2.87 -2.05	42.71 -2.73 7.03	37.55 -2.66 6.47	35.34 -2.30 0.75	31.40 -2.00 -0.02

NEPA__ENERGY 23901	32.03 -2.37 0.00	29.90 -2.32 0.00	28.11 -2.58 0.00	27.09 -2.58 0.00	27.05 -2.64 0.00	26.00 -2.97 3.68	30.22 -4.31 10.80	36.67 -5.19 12.74	31.34 -4.68 12.76	24.97 -3.33 12.80	25.18 -3.36 12.41	25.88 -3.01 7.83	25.37 -3.07 7.63	25.81 -3.19 6.46	25.28 -3.54 8.47	22.02 -4.02 14.16	22.58 -4.14 17.35	34.35 -4.94 6.89	36.06 -5.58 11.49	39.71 -5.35 9.01	33.35 -5.30 13.82	27.76 -4.90 14.02	30.22 -4.07 4.12	29.59 -3.67 0.12
NEVERSINK__HYD 23608	35.61 1.20 0.00	33.37 1.16 0.00	31.85 1.17 0.00	30.73 1.07 0.00	30.64 0.95 0.00	33.90 1.24 0.00	47.05 1.72 0.00	57.05 2.46 0.00	50.64 1.85 0.00	42.53 1.44 0.00	42.46 1.52 0.00	38.04 1.32 0.00	37.29 1.23 0.00	36.92 1.45 0.00	38.83 1.53 0.00	41.85 1.65 0.00	46.15 2.07 0.00	48.30 2.13 0.00	55.68 2.55 0.00	56.56 2.49 0.00	54.99 2.52 0.00	48.68 2.01 0.00	39.90 1.50 0.00	34.62 1.24 0.00
NEWKRMKL_115KV_TB1 55635	35.33 0.93 0.00	33.12 0.90 0.00	31.57 0.89 0.00	30.56 0.89 0.00	30.58 0.89 0.00	33.73 1.08 0.00	46.92 1.59 0.00	56.50 1.91 0.00	50.34 1.56 0.00	42.21 1.11 0.00	42.05 1.11 0.00	37.71 0.99 0.00	37.04 0.97 0.00	36.28 0.82 0.00	38.15 0.86 0.00	41.24 1.05 0.00	45.31 1.23 0.00	47.61 1.43 0.00	54.88 1.75 0.00	55.91 1.84 0.00	54.20 1.73 0.00	48.26 1.59 0.00	39.67 1.27 0.00	34.55 1.17 0.00
NEWTON__FALLS_HYD 23847	34.37 -0.03 0.00	32.12 -0.10 0.00	30.59 -0.09 0.00	29.52 -0.15 0.00	29.75 0.06 0.00	32.66 0.00 0.00	45.42 0.09 0.00	54.05 -0.55 0.00	48.00 -0.78 0.00	40.28 -0.82 0.00	39.96 -0.98 0.00	35.76 -0.95 0.00	35.09 -0.97 0.00	34.58 -0.89 0.00	36.51 -0.78 0.00	39.27 -0.92 0.00	42.63 -1.45 0.00	44.79 -1.39 0.00	51.75 -1.38 0.00	53.15 -0.92 0.00	51.32 -1.15 0.00	45.93 -0.75 0.00	37.71 -0.69 0.00	32.78 -0.60 0.00
NGRID_A1_DSASP 323792	31.00 -3.41 0.00	28.57 -3.64 0.00	26.88 -3.80 0.00	25.90 -3.77 0.00	26.25 -3.44 0.00	24.69 -4.41 3.56	28.73 -6.07 10.52	34.98 -7.21 12.41	30.11 -6.24 12.43	24.09 -5.18 11.83	24.40 -5.08 11.47	24.89 -4.59 7.23	24.89 -4.26 6.92	24.84 -4.33 6.29	24.63 -4.33 8.34	21.16 -5.11 13.93	21.58 -5.42 17.08	33.59 -6.65 5.94	34.60 -7.65 10.88	36.40 -7.57 10.10	33.69 -7.29 11.48	28.41 -6.58 11.68	29.49 -5.41 3.50	28.24 -5.01 0.13
NGRID_A2_DSASP 323793	31.00 -3.41 0.00	28.57 -3.64 0.00	26.88 -3.80 0.00	25.90 -3.77 0.00	26.25 -3.44 0.00	24.69 -4.41 3.56	28.73 -6.07 10.52	34.98 -7.21 12.41	30.11 -6.24 12.43	24.09 -5.18 11.83	24.40 -5.08 11.47	24.89 -4.59 7.23	24.89 -4.26 6.92	24.84 -4.33 6.29	24.63 -4.33 8.34	21.16 -5.11 13.93	21.58 -5.42 17.08	33.59 -6.65 5.94	34.60 -7.65 10.88	36.40 -7.57 10.10	33.69 -7.29 11.48	28.41 -6.58 11.68	29.49 -5.41 3.50	28.24 -5.01 0.13
NGRID_A4_DSASP 323807	31.00 -3.41 0.00	28.57 -3.64 0.00	26.88 -3.80 0.00	25.90 -3.77 0.00	26.25 -3.44 0.00	24.69 -4.41 3.56	28.73 -6.07 10.52	34.98 -7.21 12.41	30.11 -6.24 12.43	24.09 -5.18 11.83	24.40 -5.08 11.47	24.89 -4.59 7.23	24.89 -4.26 6.92	24.84 -4.33 6.29	24.63 -4.33 8.34	21.16 -5.11 13.93	21.58 -5.42 17.08	33.59 -6.65 5.94	34.60 -7.65 10.88	36.40 -7.57 10.10	33.69 -7.29 11.48	28.41 -6.58 11.68	29.49 -5.41 3.50	28.24 -5.01 0.13
NIAGARA_115E_LBMP 323715	30.27 -4.13 0.00	28.70 -3.51 0.00	27.00 -3.68 0.00	26.11 -3.56 0.00	26.04 -3.65 0.00	24.43 -4.64 3.59	28.28 -6.53 10.52	34.44 -7.75 12.41	30.07 -6.29 12.42	23.48 -5.34 12.27	23.77 -5.28 11.90	24.46 -4.74 7.51	24.51 -4.62 6.94	24.56 -4.61 6.30	24.25 -4.77 8.27	21.20 -5.19 13.81	21.39 -5.77 16.92	33.77 -6.65 5.76	34.77 -7.81 10.55	36.57 -7.68 9.82	33.80 -7.35 11.32	28.64 -6.53 11.50	29.64 -5.34 3.42	28.13 -5.11 0.15
NIAGARA_115W_LBMP 323714	31.00 -3.41 0.00	28.51 -3.70 0.00	26.85 -3.84 0.00	25.96 -3.71 0.00	25.89 -3.80 0.00	24.65 -4.44 3.57	28.23 -6.57 10.52	34.38 -7.81 12.41	30.16 -6.20 12.42	23.93 -5.22 11.94	24.25 -5.12 11.58	24.75 -4.66 7.30	24.87 -4.26 6.94	24.80 -4.36 6.30	24.64 -4.33 8.33	21.14 -5.15 13.92	21.60 -5.42 17.06	33.61 -6.65 5.92	34.53 -7.76 10.84	36.43 -7.57 10.07	33.66 -7.35 11.46	28.43 -6.58 11.66	29.50 -5.41 3.49	28.18 -5.07 0.13
NIAGARA_230_LBMP 323716	30.96 -3.44 0.00	28.86 -3.35 0.00	27.16 -3.53 0.00	26.28 -3.38 0.00	26.22 -3.47 0.00	25.00 -4.08 3.57	28.84 -5.98 10.50	35.00 -7.21 12.39	30.47 -5.90 12.40	24.12 -4.72 12.25	24.44 -4.63 11.88	25.00 -4.22 7.49	25.00 -4.15 6.92	25.00 -4.19 6.28	24.68 -4.36 8.25	21.30 -5.11 13.79	21.75 -5.42 16.90	33.98 -6.47 5.74	35.00 -7.60 10.53	36.86 -7.41 9.81	34.03 -7.14 11.30	28.80 -6.39 11.48	29.74 -5.26 3.40	28.62 -4.64 0.13
NIAGARA__115KV_198_GIBSON 55903	31.00 -3.41 0.00	28.51 -3.70 0.00	26.85 -3.84 0.00	25.84 -3.83 0.00	26.25 -3.44 0.00	24.65 -4.44 3.57	28.73 -6.07 10.52	34.93 -7.26 12.41	30.02 -6.34 12.42	23.89 -5.26 11.94	24.21 -5.16 11.58	24.75 -4.66 7.30	24.87 -4.26 6.94	24.80 -4.36 6.30	24.64 -4.33 8.33	21.18 -5.11 13.92	21.60 -5.42 17.06	33.61 -6.65 5.92	34.63 -7.65 10.84	36.43 -7.57 10.07	33.66 -7.35 11.46	28.43 -6.58 11.66	29.50 -5.41 3.49	28.18 -5.07 0.13
NIAGARA__ 23760	30.96 -3.44 0.00	28.86 -3.35 0.00	27.16 -3.53 0.00	26.28 -3.38 0.00	26.22 -3.47 0.00	24.99 -4.08 3.58	28.84 -5.98 10.51	34.99 -7.21 12.39	30.47 -5.90 12.41	24.19 -4.72 12.18	24.52 -4.63 11.80	25.04 -4.22 7.45	24.99 -4.15 6.93	24.99 -4.19 6.29	24.68 -4.36 8.26	21.30 -5.11 13.79	21.75 -5.42 16.91	33.97 -6.47 5.74	35.00 -7.60 10.53	36.86 -7.41 9.81	34.03 -7.14 11.30	28.80 -6.39 11.48	29.74 -5.26 3.40	28.61 -4.64 0.14
NINE_MILE_1 23575	33.44 -0.96 0.00	31.31 -0.90 0.00	29.79 -0.89 0.00	28.84 -0.83 0.00	28.83 -0.86 0.00	31.68 -0.98 0.00	43.97 -1.36 0.00	52.96 -1.64 0.00	47.42 -1.37 0.00	39.99 -1.11 0.00	39.84 -1.10 0.00	35.69 -1.03 0.00	35.05 -1.01 0.00	34.47 -0.99 0.00	36.25 -1.04 0.00	39.03 -1.17 0.00	42.80 -1.28 0.00	44.79 -1.38 0.00	51.54 -1.59 0.00	52.56 -1.51 0.00	50.95 -1.52 0.00	45.28 -1.40 0.00	37.25 -1.15 0.00	32.38 -1.00 0.00
NINE_MILE_2 23744	33.44 -0.96 0.00	31.31 -0.90 0.00	29.79 -0.89 0.00	28.84 -0.83 0.00	28.86 -0.83 0.00	31.68 -0.98 0.00	43.97 -1.36 0.00	52.96 -1.64 0.00	47.42 -1.37 0.00	39.99 -1.11 0.00	39.84 -1.10 0.00	35.69 -1.03 0.00	35.05 -1.01 0.00	34.47 -0.99 0.00	36.25 -1.04 0.00	39.03 -1.17 0.00	42.80 -1.28 0.00	44.79 -1.38 0.00	51.54 -1.59 0.00	52.56 -1.51 0.00	50.95 -1.52 0.00	45.32 -1.36 0.00	37.29 -1.11 0.00	32.38 -1.00 0.00
NM_CAPITAL__DRP 24208	35.26 0.86 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.56 0.86 0.00	33.67 1.01 0.00	46.78 1.45 0.00	56.34 1.75 0.00	50.20 1.41 0.00	42.08 0.99 0.00	41.93 0.98 0.00	37.60 0.88 0.00	36.93 0.87 0.00	36.21 0.74 0.00	38.08 0.78 0.00	41.12 0.92 0.00	45.18 1.10 0.00	47.47 1.29 0.00	54.72 1.59 0.00	55.75 1.68 0.00	54.05 1.57 0.00	48.17 1.49 0.00	39.59 1.19 0.00	34.49 1.10 0.00

NM_CENTRAL__DRP 24181	34.02 -0.38 0.00	31.86 -0.35 0.00	30.32 -0.37 0.00	29.31 -0.36 0.00	29.34 -0.36 0.00	32.23 -0.42 0.00	44.83 -0.50 0.00	53.99 -0.60 0.00	48.25 -0.54 0.00	40.81 -0.29 0.00	40.66 -0.29 0.00	36.42 -0.29 0.00	35.78 -0.29 0.00	35.15 -0.32 0.00	36.96 -0.34 0.00	39.75 -0.44 0.00	43.64 -0.44 0.00	45.67 -0.51 0.00	52.60 -0.53 0.00	53.64 -0.43 0.00	51.95 -0.52 0.00	46.16 -0.51 0.00	37.98 -0.42 0.00	32.95 -0.43 0.00
NM_FRONTIER__DRP 24179	31.00 -3.41 0.00	28.51 -3.70 0.00	26.85 -3.84 0.00	25.84 -3.83 0.00	26.25 -3.44 0.00	24.65 -4.44 3.57	28.73 -6.07 10.52	34.93 -7.26 12.41	30.02 -6.34 12.42	23.89 -5.26 11.94	24.21 -5.16 11.58	24.75 -4.66 7.30	24.87 -4.26 6.94	24.80 -4.36 6.30	24.64 -4.33 8.33	21.18 -5.11 13.92	21.60 -5.42 17.06	33.61 -6.65 5.92	34.63 -7.65 10.84	36.43 -7.57 10.07	33.66 -7.35 11.46	28.43 -6.58 11.66	29.50 -5.41 3.49	28.18 -5.07 0.13
NM_ST_REGIS__HYD 24053	34.78 0.38 0.00	32.44 0.23 0.00	30.99 0.31 0.00	29.93 0.27 0.00	30.17 0.48 0.00	33.02 0.36 0.00	45.56 0.23 0.00	54.43 -0.16 0.00	48.83 0.05 0.00	41.30 0.21 0.00	40.91 -0.04 0.00	36.68 -0.04 0.00	36.06 0.00 0.00	35.46 0.00 0.00	37.48 0.19 0.00	40.28 0.08 0.00	43.51 -0.57 0.00	45.49 -0.69 0.00	52.23 -0.90 0.00	53.48 -0.59 0.00	51.74 -0.73 0.00	46.44 -0.23 0.00	38.33 -0.08 0.00	33.35 -0.03 0.00
NORTHPORT__1 23551	35.88 1.48 0.00	33.67 1.45 0.00	32.03 1.35 0.00	30.88 1.22 0.00	30.73 1.04 0.00	33.90 1.24 0.00	46.37 1.04 0.00	56.18 1.58 0.00	50.15 1.36 0.00	43.11 2.01 0.00	43.51 2.50 -0.07	39.04 2.31 -0.01	38.38 2.31 -0.01	38.58 2.45 -0.67	39.73 2.42 -0.01	48.27 2.85 -5.22	51.50 3.04 -4.38	51.76 3.05 -2.54	56.27 3.13 -0.01	57.37 2.97 -0.33	55.36 2.88 -0.01	49.67 2.99 -0.01	41.13 2.73 0.00	35.45 2.07 0.00
NORTHPORT__2 23552	35.88 1.48 0.00	33.67 1.45 0.00	32.03 1.35 0.00	30.88 1.22 0.00	30.73 1.04 0.00	33.90 1.24 0.00	46.37 1.04 0.00	56.18 1.58 0.00	50.15 1.36 0.00	43.11 2.01 0.00	43.51 2.50 -0.07	39.04 2.31 -0.01	38.38 2.31 -0.01	38.58 2.45 -0.67	39.73 2.42 -0.01	48.27 2.85 -5.22	51.50 3.04 -4.38	51.76 3.05 -2.54	56.27 3.13 -0.01	57.37 2.97 -0.33	55.36 2.88 -0.01	49.67 2.99 -0.01	41.13 2.73 0.00	35.45 2.07 0.00
NORTHPORT__3 23553	35.88 1.48 0.00	33.67 1.45 0.00	32.00 1.32 0.00	30.88 1.22 0.00	30.73 1.04 0.00	33.90 1.24 0.00	46.42 1.09 0.00	56.23 1.64 0.00	50.20 1.42 0.00	43.11 2.01 0.00	43.51 2.50 -0.07	39.00 2.28 -0.01	38.35 2.27 -0.01	38.58 2.45 -0.67	39.73 2.42 -0.01	48.24 2.81 -5.23	51.51 3.04 -4.39	51.77 3.05 -2.54	56.33 3.19 -0.01	57.42 3.03 -0.33	55.42 2.94 -0.01	49.63 2.94 -0.01	41.09 2.69 0.00	35.45 2.07 0.00
NORTHPORT__4 23650	35.88 1.48 0.00	33.67 1.45 0.00	32.00 1.32 0.00	30.88 1.22 0.00	30.73 1.04 0.00	33.90 1.24 0.00	46.42 1.09 0.00	56.23 1.64 0.00	50.20 1.42 0.00	43.11 2.01 0.00	43.51 2.50 -0.07	39.00 2.28 -0.01	38.35 2.27 -0.01	38.58 2.45 -0.67	39.73 2.42 -0.01	48.24 2.81 -5.23	51.51 3.04 -4.39	51.77 3.05 -2.54	56.33 3.19 -0.01	57.42 3.03 -0.33	55.42 2.94 -0.01	49.63 2.94 -0.01	41.09 2.69 0.00	35.45 2.07 0.00
NORTHPORT__IC 23718	35.88 1.48 0.00	33.66 1.45 0.00	32.03 1.35 0.00	31.00 1.34 0.00	30.73 1.04 0.00	33.90 1.24 0.00	46.37 1.04 0.00	56.07 1.47 0.00	50.15 1.37 0.00	43.32 2.22 0.00	43.55 2.54 -0.07	39.04 2.31 -0.01	38.38 2.31 -0.01	38.58 2.45 -0.67	39.73 2.42 -0.01	48.27 2.85 -5.22	51.50 3.04 -4.38	51.76 3.05 -2.54	56.22 3.08 -0.01	57.37 2.97 -0.33	55.37 2.89 -0.01	49.62 2.94 -0.01	41.13 2.73 0.00	35.45 2.07 0.00
NORTH__COUNTRY_ESR 323785	34.54 0.14 0.00	32.25 0.03 0.00	30.78 0.09 0.00	29.73 0.06 0.00	29.90 0.21 0.00	32.66 0.00 0.00	44.92 -0.41 0.00	53.72 -0.88 0.00	48.39 -0.39 0.00	40.97 -0.12 0.00	40.70 -0.24 0.00	36.50 -0.22 0.00	35.92 -0.14 0.00	35.32 -0.14 0.00	37.30 0.00 0.00	40.24 0.04 0.00	43.82 -0.26 0.00	45.72 -0.46 0.00	52.33 -0.80 0.00	53.15 -0.92 0.00	51.53 -0.94 0.00	46.07 -0.61 0.00	37.87 -0.54 0.00	32.88 -0.50 0.00
NPX_GEN_1385_PROXY 323591	35.88 1.48 0.00	33.67 1.45 0.00	32.03 1.35 0.00	30.88 1.22 0.00	30.73 1.04 0.00	33.90 1.24 0.00	46.37 1.04 0.00	56.18 1.58 0.00	50.15 1.36 0.00	43.11 2.01 0.00	43.51 2.50 -0.07	39.04 2.31 -0.01	38.38 2.31 -0.01	38.58 2.45 -0.67	39.73 2.42 -0.01	48.27 2.85 -5.22	51.50 3.04 -4.38	51.76 3.05 -2.54	56.27 3.13 -0.01	57.37 2.97 -0.33	55.36 2.88 -0.01	49.67 2.99 -0.01	41.13 2.73 0.00	35.45 2.07 0.00
NPX_GEN_CSC 323557	36.12 1.72 0.00	33.99 1.77 0.00	32.31 1.63 0.00	31.18 1.51 0.00	31.09 1.40 0.00	33.96 1.31 0.00	46.46 1.13 0.00	56.23 1.64 0.00	50.34 1.56 0.00	43.27 2.18 0.00	44.13 3.11 -0.07	39.51 2.79 -0.01	38.81 2.74 -0.01	39.05 2.91 -0.68	40.25 2.95 -0.01	48.84 3.38 -5.27	51.99 3.48 -4.43	52.16 3.42 -2.56	56.91 3.77 -0.01	58.08 3.68 -0.33	55.94 3.46 -0.01	50.33 3.64 -0.01	41.71 3.30 0.00	35.95 2.57 0.00
NSINS_S__GLNS_FALLS 23858	35.88 1.48 0.00	33.60 1.39 0.00	32.00 1.32 0.00	31.03 1.36 0.00	31.06 1.37 0.00	34.29 1.63 0.00	48.05 2.72 0.00	57.98 3.38 0.00	51.61 2.83 0.00	43.03 1.93 0.00	42.67 1.72 0.00	38.15 1.43 0.00	37.33 1.26 0.00	36.49 1.03 0.00	38.42 1.12 0.00	41.76 1.57 0.00	45.93 1.85 0.00	48.26 2.08 0.00	55.84 2.71 0.00	57.21 3.14 0.00	55.36 2.89 0.00	49.10 2.43 0.00	40.25 1.84 0.00	34.95 1.57 0.00
NUCOR_STEEL__DRP 24197	34.27 -0.14 0.00	32.12 -0.10 0.00	30.50 -0.18 0.00	29.49 -0.18 0.00	29.52 -0.18 0.00	32.80 -0.23 -0.37	46.17 -0.23 -1.06	55.52 -0.33 -1.26	49.75 -0.29 -1.26	42.45 -0.08 -1.43	42.21 -0.12 -1.39	37.41 -0.18 -0.87	36.32 -0.22 -0.47	35.89 -0.21 -0.64	37.84 -0.26 -0.81	41.19 -0.36 -1.36	45.48 -0.26 -1.66	45.86 -0.32 0.00	52.86 -0.27 0.00	54.02 -0.05 0.00	49.03 -0.16 3.28	43.42 -0.23 3.02	37.86 -0.19 0.35	33.15 -0.23 0.00
NUMBER_THREE_WT_PWR 323818	34.65 0.24 0.00	32.38 0.16 0.00	30.78 0.09 0.00	29.70 0.03 0.00	29.93 0.24 0.00	32.92 0.26 0.00	46.01 0.68 0.00	54.38 -0.22 0.00	47.76 -1.03 0.00	39.70 -1.40 0.00	39.47 -1.47 0.00	35.28 -1.43 0.00	34.58 -1.48 0.00	34.08 -1.38 0.00	35.99 -1.31 0.00	38.79 -1.41 0.00	42.45 -1.63 0.00	44.79 -1.38 0.00	51.96 -1.17 0.00	53.37 -0.70 0.00	51.47 -1.00 0.00	45.84 -0.84 0.00	37.48 -0.92 0.00	32.52 -0.87 0.00
NYISO_LBMP_REFERENCE 24008	34.40 0.00 0.00	32.21 0.00 0.00	30.68 0.00 0.00	29.67 0.00 0.00	29.69 0.00 0.00	32.66 0.00 0.00	45.33 0.00 0.00	54.59 0.00 0.00	48.78 0.00 0.00	41.10 0.00 0.00	40.95 0.00 0.00	36.72 0.00 0.00	36.06 0.00 0.00	35.46 0.00 0.00	37.30 0.00 0.00	40.20 0.00 0.00	44.08 0.00 0.00	46.18 0.00 0.00	53.13 0.00 0.00	54.07 0.00 0.00	52.47 0.00 0.00	46.68 0.00 0.00	38.40 0.00 0.00	33.38 0.00 0.00

NYPA_BRENTWD____GT 24164	36.26 1.86 0.00	33.99 1.77 0.00	32.31 1.63 0.00	31.18 1.51 0.00	31.00 1.31 0.00	34.19 1.54 0.00	46.92 1.59 0.00	56.89 2.29 0.00	50.78 2.00 0.00	43.56 2.47 0.00	44.00 2.99 -0.07	39.40 2.68 -0.01	38.74 2.67 -0.01	38.95 2.80 -0.68	40.14 2.83 -0.01	48.82 3.30 -5.33	52.19 3.62 -4.49	52.43 3.65 -2.60	57.13 3.99 -0.01	58.25 3.84 -0.34	56.15 3.67 -0.01	50.23 3.55 -0.01	41.55 3.15 0.00	35.79 2.40 0.00
NYPA_GOWANUS____GT5 24156	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.97 1.89 0.01	43.10 2.17 0.01	38.65 1.94 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NYPA_GOWANUS____GT6 24157	35.61 1.20 0.00	33.34 1.13 0.00	31.95 1.26 -0.01	30.88 1.22 0.00	30.73 1.04 0.00	33.73 1.08 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.74 1.95 0.00	42.97 1.89 0.01	43.10 2.17 0.01	38.65 1.94 0.01	38.32 2.27 0.01	37.72 2.27 0.01	39.48 2.20 0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.37 3.24 0.00	56.83 2.76 0.00	55.35 2.88 0.00	49.05 2.38 0.00	40.51 2.11 0.00	35.02 1.64 0.00
NYPA_HARLEM__RVR__GT1 24160	35.57 1.17 0.00	33.41 1.19 0.00	32.01 1.32 -0.01	30.94 1.27 0.00	30.76 1.07 0.00	33.64 0.98 0.00	46.87 1.54 0.00	56.61 2.02 0.01	50.58 1.81 0.01	42.90 1.81 0.00	42.99 2.05 0.00	38.62 1.91 0.00	38.08 2.02 0.00	37.55 2.09 0.00	39.38 2.09 0.00	42.64 2.45 0.01	46.90 2.82 0.01	48.80 2.63 0.01	56.04 2.92 0.01	56.55 2.49 0.01	55.03 2.57 0.01	48.77 2.10 0.01	40.32 1.92 0.00	34.89 1.50 0.00
NYPA_HARLEM__RVR__GT2 24161	35.57 1.17 0.00	33.41 1.19 0.00	32.01 1.32 -0.01	30.94 1.27 0.00	30.76 1.07 0.00	33.64 0.98 0.00	46.87 1.54 0.00	56.61 2.02 0.01	50.58 1.81 0.01	42.90 1.81 0.00	42.99 2.05 0.00	38.62 1.91 0.00	38.08 2.02 0.00	37.55 2.09 0.00	39.38 2.09 0.00	42.64 2.45 0.01	46.90 2.82 0.01	48.80 2.63 0.01	56.04 2.92 0.01	56.55 2.49 0.01	55.03 2.57 0.01	48.77 2.10 0.01	40.32 1.92 0.00	34.89 1.50 0.00
NYPA_KENT____GT 24152	35.61 1.20 0.00	33.34 1.13 0.00	31.92 1.23 -0.01	30.86 1.19 0.00	30.70 1.01 0.00	33.77 1.11 0.00	47.10 1.77 0.00	56.94 2.35 0.00	50.78 2.00 0.00	43.08 1.93 -0.05	43.20 2.21 -0.05	38.78 2.02 -0.05	38.35 2.24 -0.05	37.75 2.24 -0.05	39.54 2.20 -0.05	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.32 3.19 0.00	56.88 2.81 0.00	55.30 2.83 0.00	49.05 2.38 0.00	40.48 2.07 0.00	35.02 1.64 0.00
NYPA_POUCH1____GT 24155	35.54 1.13 0.00	33.28 1.06 0.00	31.98 1.29 -0.01	30.91 1.25 0.00	30.73 1.04 0.00	33.70 1.04 0.00	46.96 1.63 0.00	56.72 2.13 0.00	50.54 1.75 0.00	42.79 1.73 0.03	42.96 2.05 0.03	38.48 1.80 0.03	38.27 2.24 0.03	37.63 2.20 0.03	39.35 2.09 0.03	42.61 2.41 0.00	46.90 2.82 0.00	48.90 2.72 0.00	56.21 3.08 0.00	56.72 2.65 0.00	55.20 2.73 0.00	48.92 2.24 0.00	40.48 2.07 0.00	34.99 1.60 0.00
NYPA_VERNON____GT2 24162	35.61 1.20 0.00	33.37 1.16 0.00	31.89 1.20 -0.01	30.82 1.16 0.00	30.67 0.98 0.00	33.80 1.14 0.00	47.10 1.77 0.00	56.99 2.40 0.00	50.83 2.05 0.00	43.09 1.97 -0.02	43.22 2.25 -0.02	38.79 2.05 -0.02	38.25 2.16 -0.02	37.72 2.24 -0.02	39.56 2.24 -0.02	42.77 2.57 0.00	47.08 3.00 0.00	49.09 2.91 0.00	56.32 3.19 0.00	56.88 2.81 0.00	55.30 2.83 0.00	49.01 2.33 0.00	40.44 2.03 0.00	35.02 1.64 0.00
NYPA_VERNON____GT3 24163	35.61 1.20 0.00	33.37 1.16 0.00	31.89 1.20 -0.01	30.82 1.16 0.00	30.67 0.98 0.00	33.80 1.14 0.00	47.10 1.77 0.00	56.99 2.40 0.00	50.83 2.05 0.00	43.09 1.97 -0.02	43.22 2.25 -0.02	38.79 2.05 -0.02	38.25 2.16 -0.02	37.72 2.24 -0.02	39.56 2.24 -0.02	42.77 2.57 0.00	47.08 3.00 0.00	49.09 2.91 0.00	56.32 3.19 0.00	56.88 2.81 0.00	55.30 2.83 0.00	49.01 2.33 0.00	40.44 2.03 0.00	35.02 1.64 0.00
NYPA__ASTORIA_CC1 323568	35.61 1.20 0.00	33.37 1.16 0.00	31.92 1.23 -0.01	30.86 1.19 0.00	30.67 0.98 0.00	33.77 1.11 0.00	47.10 1.77 0.00	56.89 2.29 0.00	50.78 2.00 0.00	43.04 1.93 -0.01	43.17 2.21 -0.01	38.75 2.02 -0.01	38.24 2.16 -0.01	37.71 2.24 -0.01	39.51 2.20 -0.01	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.44 2.03 0.00	35.02 1.64 0.00
NYPA__ASTORIA_CC2 323569	35.61 1.20 0.00	33.37 1.16 0.00	31.92 1.23 -0.01	30.86 1.19 0.00	30.67 0.98 0.00	33.77 1.11 0.00	47.10 1.77 0.00	56.89 2.29 0.00	50.78 2.00 0.00	43.04 1.93 -0.01	43.17 2.21 -0.01	38.75 2.02 -0.01	38.24 2.16 -0.01	37.71 2.24 -0.01	39.51 2.20 -0.01	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.44 2.03 0.00	35.02 1.64 0.00
NYPA__HOLTSVILL 23794	36.05 1.65 0.00	33.86 1.64 0.00	32.19 1.50 0.00	31.06 1.39 0.00	30.91 1.22 0.00	34.00 1.34 0.00	46.65 1.32 0.00	56.50 1.91 0.00	50.44 1.66 0.00	43.32 2.22 0.00	43.84 2.82 -0.07	39.26 2.53 -0.01	38.56 2.49 -0.01	38.80 2.66 -0.68	39.99 2.69 -0.01	48.55 3.10 -5.26	51.90 3.39 -4.42	52.11 3.37 -2.56	56.80 3.66 -0.01	57.97 3.57 -0.33	55.89 3.41 -0.01	50.00 3.31 -0.01	41.40 3.00 0.00	35.69 2.30 0.00
NYPA__HELLGATE_GT1 24158	35.57 1.17 0.00	33.41 1.19 0.00	32.01 1.32 -0.01	30.94 1.27 0.00	30.76 1.07 0.00	33.64 0.98 0.00	46.87 1.54 0.00	56.61 2.02 0.01	50.58 1.81 0.01	42.90 1.81 0.00	42.99 2.05 0.00	38.62 1.91 0.00	38.08 2.02 0.00	37.55 2.09 0.00	39.38 2.09 0.00	42.64 2.45 0.01	46.90 2.82 0.01	48.80 2.63 0.01	56.04 2.92 0.01	56.55 2.49 0.01	55.03 2.57 0.01	48.77 2.10 0.01	40.32 1.92 0.00	34.89 1.50 0.00
NYPA__HELLGATE_GT2 24159	35.57 1.17 0.00	33.41 1.19 0.00	32.01 1.32 -0.01	30.94 1.27 0.00	30.76 1.07 0.00	33.64 0.98 0.00	46.87 1.54 0.00	56.61 2.02 0.01	50.58 1.81 0.01	42.90 1.81 0.00	42.99 2.05 0.00	38.62 1.91 0.00	38.08 2.02 0.00	37.55 2.09 0.00	39.38 2.09 0.00	42.64 2.45 0.01	46.90 2.82 0.01	48.80 2.63 0.01	56.04 2.92 0.01	56.55 2.49 0.01	55.03 2.57 0.01	48.77 2.10 0.01	40.32 1.92 0.00	34.89 1.50 0.00
NYS_BARGE__HYD 23848	30.89 -3.51 0.00	29.22 -2.99 0.00	27.46 -3.22 0.00	26.55 -3.11 0.00	26.49 -3.21 0.00	25.69 -4.05 2.92	30.59 -5.67 9.07	37.40 -6.55 10.64	32.85 -5.27 10.66	30.64 -4.48 5.98	30.69 -4.46 5.79	29.09 -4.00 3.63	27.51 -3.90 4.65	26.05 -3.90 5.51	25.34 -4.03 7.93	22.52 -4.46 13.21	22.96 -4.94 16.18	34.87 -6.05 5.26	35.13 -7.07 10.93	35.14 -6.87 12.06	35.07 -6.61 10.79	29.79 -5.97 10.92	30.28 -4.95 3.17	28.61 -4.61 0.17

OAK ORCHARD__HYD 24046	32.96 -1.44 0.00	30.86 -1.35 0.00	29.18 -1.50 0.00	28.19 -1.48 0.00	28.21 -1.48 0.00	31.90 -1.70 -0.94	45.69 -2.40 -2.76	55.01 -2.84 -3.26	50.00 -2.05 -3.26	42.58 -1.69 -3.17	42.38 -1.64 -3.08	37.19 -1.47 -1.94	35.62 -1.48 -1.03	35.70 -1.42 -1.66	37.98 -1.49 -2.18	41.91 -1.93 -3.65	46.52 -2.03 -4.47	43.69 -2.49 0.00	51.44 -2.82 -1.13	54.08 -2.70 -2.71	43.04 -2.57 6.86	37.89 -2.48 6.31	35.48 -2.19 0.74	31.51 -1.90 -0.03
OAKDALE__35_KV_LOAD 356122	34.06 -0.34 0.00	31.86 -0.35 0.00	30.25 -0.43 0.00	29.25 -0.42 0.00	29.25 -0.45 0.00	31.40 -0.49 0.77	42.43 -0.63 2.27	51.10 -0.82 2.67	45.37 -0.73 2.68	38.02 -0.41 2.67	37.99 -0.37 2.58	34.68 -0.40 1.63	34.75 -0.43 0.88	33.65 -0.46 1.35	35.01 -0.52 1.76	36.60 -0.64 2.95	39.88 -0.57 3.62	45.49 -0.69 0.00	51.87 -0.69 0.57	52.11 -0.59 1.37	67.70 -0.63 -15.86	60.62 -0.65 -14.60	39.57 -0.54 -1.71	32.80 -0.57 0.02
OCC_CHEM__DRP 24175	31.00 -3.41 0.00	28.57 -3.64 0.00	26.88 -3.80 0.00	25.90 -3.77 0.00	26.25 -3.44 0.00	24.69 -4.41 3.56	28.73 -6.07 10.52	34.98 -7.21 12.41	30.11 -6.24 12.43	24.09 -5.18 11.83	24.40 -5.08 11.47	24.89 -4.59 7.23	24.89 -4.26 6.92	24.84 -4.33 6.29	24.63 -4.33 8.34	21.16 -5.11 13.93	21.58 -5.42 17.08	33.59 -6.65 5.94	34.60 -7.65 10.88	36.40 -7.57 10.10	33.69 -7.29 11.48	28.41 -6.58 11.68	29.49 -5.41 3.50	28.24 -5.01 0.13
OH_GEN_PROXY 24063	31.00 -3.41 0.00	28.90 -3.32 0.00	27.22 -3.47 0.00	26.32 -3.35 0.00	26.25 -3.44 0.00	25.15 -4.02 3.49	29.18 -5.89 10.25	35.46 -7.04 12.09	30.91 -5.76 12.11	24.54 -4.60 11.95	24.81 -4.55 11.59	25.29 -4.11 7.31	25.37 -4.08 6.62	25.26 -4.08 6.13	24.99 -4.25 8.05	21.75 -4.99 13.46	22.29 -5.29 16.50	34.50 -6.32 5.35	35.81 -7.38 9.94	37.40 -7.24 9.42	34.17 -6.98 11.32	29.00 -6.25 11.42	30.00 -5.15 3.26	28.72 -4.54 0.12
OLIN_CORP_DRP 24177	30.38 -4.03 0.00	28.74 -3.48 0.00	27.03 -3.65 0.00	26.05 -3.62 0.00	25.77 -3.92 0.00	24.48 -4.57 3.61	28.45 -6.30 10.57	34.97 -7.15 12.47	30.00 -6.29 12.49	23.50 -5.26 12.34	23.78 -5.20 11.96	24.50 -4.66 7.55	24.50 -4.54 7.02	24.60 -4.54 6.33	24.29 -4.70 8.31	21.21 -5.11 13.88	21.34 -5.73 17.01	33.69 -6.60 5.89	34.79 -7.65 10.69	36.65 -7.62 9.80	33.70 -7.29 11.47	28.48 -6.53 11.67	29.58 -5.34 3.49	28.20 -5.04 0.14
OLIN_CORP_DSASP 323712	31.00 -3.41 0.00	28.57 -3.64 0.00	26.88 -3.80 0.00	25.90 -3.77 0.00	26.25 -3.44 0.00	24.69 -4.41 3.56	28.73 -6.07 10.52	34.98 -7.21 12.41	30.11 -6.24 12.43	24.09 -5.18 11.83	24.40 -5.08 11.47	24.89 -4.59 7.23	24.89 -4.26 6.92	24.84 -4.33 6.29	24.63 -4.33 8.34	21.16 -5.11 13.93	21.58 -5.42 17.08	33.59 -6.65 5.94	34.60 -7.65 10.88	36.40 -7.57 10.10	33.69 -7.29 11.48	28.41 -6.58 11.68	29.49 -5.41 3.50	28.24 -5.01 0.13
ONEIDA_HERK_LFGE 323681	34.75 0.34 0.00	32.50 0.29 0.00	30.93 0.24 0.00	29.85 0.18 0.00	29.99 0.30 0.00	33.02 0.36 0.00	46.05 0.72 0.00	55.08 0.49 0.00	48.88 0.10 0.00	40.85 -0.25 0.00	40.70 -0.24 0.00	36.42 -0.30 0.00	35.70 -0.36 0.00	35.18 -0.28 0.00	37.04 -0.26 0.00	39.96 -0.24 0.00	43.82 -0.26 0.00	46.04 -0.14 0.00	53.24 0.11 0.00	54.45 0.38 0.00	52.68 0.21 0.00	46.82 0.14 0.00	38.37 -0.04 0.00	33.32 -0.07 0.00
ONEIDA__115KV_TB4 55905	34.88 0.48 0.00	32.67 0.45 0.00	31.02 0.34 0.00	29.96 0.30 0.00	30.08 0.39 0.00	33.08 0.42 0.00	46.15 0.82 0.00	55.47 0.87 0.00	49.47 0.68 0.00	41.51 0.41 0.00	41.36 0.41 0.00	37.01 0.29 0.00	36.32 0.25 0.00	35.75 0.28 0.00	37.59 0.30 0.00	40.52 0.32 0.00	44.52 0.44 0.00	46.69 0.51 0.00	53.98 0.85 0.00	55.15 1.08 0.00	53.42 0.94 0.00	47.42 0.75 0.00	38.90 0.50 0.00	33.75 0.37 0.00
ONONDAGA_REF_OCCRA 23987	34.13 -0.28 0.00	31.92 -0.29 0.00	30.38 -0.31 0.00	29.37 -0.30 0.00	29.40 -0.30 0.00	32.30 -0.36 0.00	44.92 -0.41 0.00	54.10 -0.49 0.00	48.34 -0.44 0.00	40.85 -0.25 0.00	40.70 -0.25 0.00	36.46 -0.26 0.00	35.81 -0.25 0.00	35.18 -0.28 0.00	37.00 -0.30 0.00	39.79 -0.40 0.00	43.73 -0.35 0.00	45.76 -0.42 0.00	52.76 -0.37 0.00	53.80 -0.27 0.00	52.10 -0.37 0.00	46.30 -0.37 0.00	38.10 -0.31 0.00	33.02 -0.37 0.00
ONONDAGA__COGEN 23986	34.16 -0.24 0.00	31.99 -0.23 0.00	30.44 -0.25 0.00	29.43 -0.24 0.00	29.46 -0.24 0.00	32.36 -0.29 0.00	44.97 -0.36 0.00	54.16 -0.44 0.00	48.39 -0.39 0.00	40.89 -0.21 0.00	40.74 -0.20 0.00	36.50 -0.22 0.00	35.85 -0.22 0.00	35.22 -0.25 0.00	37.04 -0.26 0.00	39.84 -0.36 0.00	43.77 -0.31 0.00	45.81 -0.37 0.00	52.76 -0.37 0.00	53.80 -0.27 0.00	52.16 -0.31 0.00	46.35 -0.33 0.00	38.13 -0.27 0.00	33.08 -0.30 0.00
ONTARIO__LFGE 23819	33.89 -0.52 0.00	31.70 -0.52 0.00	30.01 -0.68 0.00	29.01 -0.65 0.00	29.04 -0.65 0.00	33.67 -0.75 -1.76	49.41 -1.00 -5.07	59.28 -1.31 -5.99	53.67 -1.12 -6.00	47.22 -0.70 -6.83	46.83 -0.74 -6.62	40.12 -0.77 -4.17	38.97 -0.87 -3.77	37.61 -0.89 -3.03	40.16 -1.01 -3.87	45.43 -1.25 -6.48	50.85 -1.19 -7.95	48.15 -1.34 -3.31	55.90 -1.33 -4.09	53.94 -1.03 -0.89	41.33 -1.10 10.03	36.94 -1.12 8.61	37.59 -1.00 -0.18	32.37 -1.04 -0.02
ORANGEVILLE_WT_PWR 323706	31.99 -2.41 0.00	29.83 -2.38 0.00	28.11 -2.58 0.00	27.12 -2.55 0.00	27.02 -2.67 0.00	23.21 -3.23 6.21	22.39 -4.90 18.05	27.39 -5.90 21.30	22.13 -5.32 21.33	14.12 -4.11 22.86	14.61 -4.18 22.16	18.92 -3.82 13.98	15.45 -3.90 16.72	20.70 -3.97 10.79	19.06 -4.25 13.98	11.91 -4.91 23.38	10.26 -5.16 28.67	20.80 -5.82 19.56	19.83 -6.59 26.71	36.35 -6.38 11.34	29.99 -6.09 16.39	22.31 -5.60 18.76	24.49 -4.69 9.23	28.93 -4.27 0.18
ORANGEVILLE__ESR 323794	31.99 -2.41 0.00	29.83 -2.38 0.00	28.11 -2.58 0.00	27.12 -2.55 0.00	27.02 -2.67 0.00	23.21 -3.23 6.21	22.39 -4.90 18.05	27.39 -5.90 21.30	22.13 -5.32 21.33	14.12 -4.11 22.86	14.61 -4.18 22.16	18.92 -3.82 13.98	15.45 -3.90 16.72	20.70 -3.97 10.79	19.06 -4.25 13.98	11.91 -4.91 23.38	10.26 -5.16 28.67	20.80 -5.82 19.56	19.83 -6.59 26.71	36.35 -6.38 11.34	29.99 -6.09 16.39	22.31 -5.60 18.76	24.49 -4.69 9.23	28.93 -4.27 0.18
OSWEGATCHIE__HYD 24044	34.37 -0.03 0.00	32.12 -0.10 0.00	30.59 -0.09 0.00	29.52 -0.15 0.00	29.75 0.06 0.00	32.66 0.00 0.00	45.42 0.09 0.00	54.05 -0.55 0.00	48.00 -0.78 0.00	40.28 -0.82 0.00	39.96 -0.98 0.00	35.76 -0.95 0.00	35.09 -0.97 0.00	34.58 -0.89 0.00	36.51 -0.78 0.00	39.27 -0.92 0.00	42.63 -1.45 0.00	44.79 -1.38 0.00	51.85 -1.28 0.00	53.15 -0.92 0.00	51.32 -1.15 0.00	45.93 -0.75 0.00	37.71 -0.69 0.00	32.78 -0.60 0.00
OSWEGO__5 23606	33.61 -0.79 0.00	31.47 -0.74 0.00	29.95 -0.74 0.00	28.99 -0.68 0.00	28.98 -0.71 0.00	31.84 -0.82 0.00	44.24 -1.09 0.00	53.28 -1.31 0.00	47.66 -1.12 0.00	40.19 -0.90 0.00	40.05 -0.90 0.00	35.87 -0.84 0.00	35.24 -0.83 0.00	34.65 -0.81 0.00	36.44 -0.86 0.00	39.19 -1.00 0.00	43.02 -1.06 0.00	45.03 -1.15 0.00	51.85 -1.28 0.00	52.83 -1.24 0.00	51.27 -1.20 0.00	45.56 -1.12 0.00	37.48 -0.92 0.00	32.55 -0.83 0.00

OSWEGO___6 23613	33.61 -0.79 0.00	31.47 -0.74 0.00	29.95 -0.74 0.00	28.99 -0.68 0.00	28.98 -0.71 0.00	31.84 -0.82 0.00	44.24 -1.09 0.00	53.28 -1.31 0.00	47.66 -1.12 0.00	40.19 -0.90 0.00	40.05 -0.90 0.00	35.87 -0.84 0.00	35.24 -0.83 0.00	34.65 -0.81 0.00	36.44 -0.86 0.00	39.19 -1.00 0.00	43.02 -1.06 0.00	45.03 -1.15 0.00	51.85 -1.28 0.00	52.83 -1.24 0.00	51.27 -1.20 0.00	45.56 -1.12 0.00	37.48 -0.92 0.00	32.55 -0.83 0.00
OUTOKUMPU-AB___DRP 24206	31.44 -2.96 0.00	29.25 -2.96 0.00	27.49 -3.19 0.00	26.46 -3.20 0.00	26.58 -3.12 0.00	25.33 -3.79 3.54	29.55 -5.26 10.52	36.19 -6.01 12.39	31.05 -5.32 12.41	25.58 -4.23 11.28	25.79 -4.22 10.93	26.08 -3.74 6.89	25.55 -3.61 6.91	25.47 -3.69 6.31	25.05 -3.80 8.44	21.71 -4.38 14.10	22.12 -4.67 17.28	34.14 -5.86 6.18	35.09 -6.69 11.35	36.94 -6.54 10.59	34.37 -6.40 11.70	28.92 -5.83 11.92	29.95 -4.84 3.62	28.73 -4.51 0.14
OXBOW___BTM 323836	31.24 -3.16 0.00	28.93 -3.29 0.00	27.22 -3.47 0.00	26.32 -3.35 0.00	26.22 -3.47 0.00	25.05 -4.05 3.56	28.87 -5.94 10.52	35.26 -6.93 12.40	30.76 -5.61 12.42	24.86 -4.64 11.59	25.13 -4.59 11.23	25.52 -4.11 7.08	25.28 -3.86 6.93	25.19 -3.97 6.31	24.88 -4.03 8.39	21.48 -4.70 14.02	21.92 -4.98 17.18	33.93 -6.19 6.06	34.79 -7.23 11.12	36.69 -7.03 10.35	34.06 -6.82 11.59	28.71 -6.16 11.81	29.74 -5.11 3.56	28.50 -4.74 0.14
OXBOW___ 24026	31.24 -3.17 0.00	28.93 -3.29 0.00	27.22 -3.47 0.00	26.20 -3.47 0.00	26.43 -3.27 0.00	25.05 -4.05 3.56	29.19 -5.62 10.52	35.64 -6.55 12.40	30.61 -5.76 12.42	24.82 -4.69 11.59	25.09 -4.63 11.23	25.48 -4.15 7.08	25.24 -3.89 6.93	25.19 -3.97 6.31	24.88 -4.03 8.39	21.48 -4.70 14.02	21.92 -4.98 17.18	33.93 -6.19 6.06	34.89 -7.12 11.12	36.69 -7.03 10.35	34.06 -6.82 11.59	28.66 -6.21 11.81	29.74 -5.11 3.56	28.50 -4.74 0.14
OXY_CHEM_DSASP 323612	31.00 -3.41 0.00	28.57 -3.64 0.00	26.88 -3.80 0.00	25.90 -3.77 0.00	26.25 -3.44 0.00	24.69 -4.41 3.56	28.73 -6.07 10.52	34.98 -7.21 12.41	30.11 -6.24 12.43	24.09 -5.18 11.83	24.40 -5.08 11.47	24.89 -4.59 7.23	24.89 -4.26 6.92	24.84 -4.33 6.29	24.63 -4.33 8.34	21.16 -5.11 13.93	21.58 -5.42 17.08	33.59 -6.65 5.94	34.60 -7.65 10.88	36.40 -7.57 10.10	33.69 -7.29 11.48	28.41 -6.58 11.68	29.49 -5.41 3.50	28.24 -5.01 0.13
OZONE_PARK_ESR 323760	35.68 1.27 0.00	33.44 1.22 0.00	31.88 1.20 0.00	30.85 1.19 0.00	30.67 0.98 0.00	33.93 1.27 0.00	47.32 1.99 0.00	57.27 2.68 0.00	51.08 2.29 0.00	43.32 2.22 0.00	43.36 2.42 0.00	38.92 2.20 0.00	38.30 2.24 0.00	37.80 2.34 0.00	39.68 2.39 0.00	42.93 2.73 0.00	47.25 3.17 0.00	49.36 3.19 0.00	56.58 3.45 0.00	57.26 3.19 0.00	55.67 3.20 0.00	49.34 2.66 0.00	40.59 2.19 0.00	35.12 1.74 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.00 -3.41 0.00	28.57 -3.64 0.00	26.88 -3.80 0.00	25.90 -3.77 0.00	26.25 -3.44 0.00	24.69 -4.41 3.56	28.73 -6.07 10.52	34.98 -7.21 12.41	30.11 -6.24 12.43	24.09 -5.18 11.83	24.40 -5.08 11.47	24.89 -4.59 7.23	24.89 -4.26 6.92	24.84 -4.33 6.29	24.63 -4.33 8.34	21.16 -5.11 13.93	21.58 -5.42 17.08	33.59 -6.65 5.94	34.60 -7.65 10.88	36.40 -7.57 10.10	33.69 -7.29 11.48	28.41 -6.58 11.68	29.49 -5.41 3.50	28.24 -5.01 0.13
PACKARD___115KV_DUPONT_184 80571	31.00 -3.41 0.00	28.57 -3.64 0.00	26.88 -3.81 0.00	26.02 -3.65 0.00	25.92 -3.77 0.00	24.72 -4.38 3.56	28.32 -6.48 10.52	34.49 -7.70 12.41	30.21 -6.15 12.43	24.13 -5.14 11.83	24.44 -5.04 11.47	24.89 -4.59 7.23	24.93 -4.22 6.92	24.84 -4.33 6.29	24.63 -4.33 8.34	21.16 -5.11 13.93	21.58 -5.42 17.08	33.63 -6.60 5.94	34.49 -7.76 10.88	36.40 -7.57 10.10	33.70 -7.29 11.48	28.41 -6.58 11.68	29.49 -5.41 3.50	28.24 -5.01 0.13
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.64 1.24 0.00	33.41 1.19 0.00	32.01 1.32 -0.01	30.97 1.31 0.00	30.76 1.07 0.00	33.70 1.05 0.00	46.92 1.59 0.00	56.61 2.02 0.00	50.59 1.80 0.00	42.91 1.81 0.00	43.00 2.05 0.00	38.70 1.98 0.00	38.05 1.98 0.00	37.52 2.06 0.00	39.35 2.05 0.00	42.57 2.37 0.00	46.86 2.78 0.00	48.86 2.68 0.00	55.95 2.82 0.00	56.56 2.49 0.00	55.04 2.57 0.00	48.78 2.10 0.00	40.36 1.96 0.00	34.95 1.57 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.02 1.62 0.00	33.76 1.55 0.00	32.38 1.69 -0.01	31.33 1.66 0.00	31.09 1.40 0.00	34.09 1.44 0.00	47.46 2.13 0.00	57.27 2.68 0.00	51.17 2.39 0.00	43.36 2.26 0.00	43.41 2.46 0.00	39.07 2.35 0.00	38.41 2.34 0.00	37.84 2.38 0.00	39.69 2.39 0.00	42.97 2.77 0.00	47.30 3.22 0.00	49.27 3.09 0.00	56.48 3.35 0.00	57.10 3.03 0.00	55.57 3.10 0.00	49.24 2.57 0.00	40.75 2.34 0.00	35.32 1.94 0.00
PATROON___115KV_TB1 80586	35.37 0.96 0.00	33.15 0.93 0.00	31.60 0.92 0.00	30.59 0.92 0.00	30.61 0.92 0.00	33.77 1.11 0.00	46.96 1.63 0.00	56.61 2.02 0.00	50.44 1.66 0.00	42.25 1.15 0.00	42.09 1.15 0.00	37.74 1.03 0.00	37.07 1.01 0.00	36.35 0.89 0.00	38.19 0.90 0.00	41.28 1.09 0.00	45.36 1.28 0.00	47.66 1.48 0.00	54.94 1.81 0.00	55.96 1.89 0.00	54.25 1.78 0.00	48.31 1.63 0.00	39.71 1.31 0.00	34.59 1.20 0.00
PATRSNVILLE___SOLAR 323815	35.23 0.82 0.00	32.99 0.77 0.00	31.42 0.74 0.00	30.41 0.74 0.00	30.44 0.74 0.00	33.57 0.91 0.00	46.82 1.49 0.00	56.45 1.86 0.00	50.10 1.32 0.00	41.84 0.74 0.00	41.48 0.53 0.00	37.16 0.44 0.00	36.42 0.36 0.00	35.78 0.32 0.00	37.75 0.45 0.00	40.92 0.72 0.00	45.05 0.97 0.00	47.38 1.20 0.00	54.72 1.59 0.00	55.91 1.84 0.00	54.15 1.68 0.00	48.12 1.45 0.00	39.52 1.11 0.00	34.32 0.93 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.17 -2.24 0.00	30.09 -2.13 0.00	28.29 -2.39 0.00	27.26 -2.40 0.00	27.20 -2.49 0.00	26.23 -2.74 3.68	30.45 -4.08 10.80	37.11 -4.75 12.73	31.74 -4.29 12.75	25.80 -2.63 12.67	26.01 -2.66 12.28	26.62 -2.35 7.75	26.12 -2.42 7.52	26.24 -2.77 6.46	25.64 -3.17 8.49	22.44 -3.58 14.18	23.08 -3.61 17.38	35.20 -4.25 6.73	36.84 -4.83 11.46	40.07 -4.65 9.35	34.84 -4.51 13.12	29.13 -4.20 13.34	30.93 -3.49 3.98	29.95 -3.30 0.13
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.54 1.14 0.00	33.31 1.10 0.00	31.79 1.10 0.00	30.74 1.07 0.00	30.58 0.89 0.00	33.83 1.18 0.00	46.96 1.63 0.00	57.00 2.40 0.00	50.68 1.90 0.00	42.82 1.73 0.00	42.75 1.80 0.00	38.37 1.65 0.00	37.76 1.70 0.00	37.27 1.81 0.00	39.12 1.83 0.00	42.33 2.13 0.00	46.64 2.56 0.00	48.81 2.63 0.00	56.05 2.92 0.00	56.94 2.87 0.00	55.36 2.89 0.00	49.10 2.43 0.00	40.25 1.84 0.00	34.92 1.54 0.00
PEEKSKILL___ 23653	35.19 0.79 0.00	32.99 0.77 0.00	31.48 0.80 0.00	30.44 0.77 0.00	30.35 0.65 0.00	33.54 0.88 0.00	46.65 1.32 0.00	56.50 1.91 0.00	50.30 1.51 0.00	42.53 1.44 0.00	42.63 1.68 0.00	38.26 1.54 0.00	37.61 1.55 0.00	37.13 1.67 0.00	38.98 1.68 0.00	42.17 1.97 0.00	46.37 2.29 0.00	48.49 2.31 0.00	55.73 2.60 0.00	56.45 2.38 0.00	54.78 2.31 0.00	48.64 1.96 0.00	39.94 1.54 0.00	34.62 1.24 0.00

PGE MADISON___WINDPWR 24146	35.71 1.31 0.00	33.37 1.16 0.00	31.60 0.92 0.00	30.44 0.77 0.00	30.56 0.86 0.00	33.49 0.88 0.05	46.76 1.59 0.16	56.10 1.69 0.18	49.96 1.37 0.19	41.92 0.82 0.00	41.56 0.61 0.00	37.19 0.48 0.00	36.83 0.32 -0.44	35.68 0.32 0.10	37.55 0.41 0.15	40.39 0.44 0.25	44.48 0.71 0.31	48.27 1.06 -1.03	56.15 1.75 -1.27	56.67 2.33 -0.28	56.85 1.99 -2.39	50.42 1.35 -2.39	39.90 0.84 -0.65	34.12 0.73 -0.01
PIERCEFIELD___HYD 23852	34.71 0.31 0.00	32.41 0.19 0.00	30.93 0.25 0.00	29.88 0.21 0.00	30.11 0.42 0.00	32.95 0.29 0.00	45.56 0.23 0.00	54.37 -0.22 0.00	48.78 0.00 0.00	41.18 0.08 0.00	40.82 -0.12 0.00	36.57 -0.15 0.00	35.96 -0.11 0.00	35.36 -0.11 0.00	37.37 0.07 0.00	40.12 -0.08 0.00	43.29 -0.79 0.00	45.30 -0.88 0.00	52.07 -1.06 0.00	53.31 -0.76 0.00	51.63 -0.84 0.00	46.35 -0.33 0.00	38.25 -0.15 0.00	33.35 -0.03 0.00
PINELAWN_CC_1 323563	36.09 1.69 0.00	33.82 1.61 0.00	32.16 1.47 0.00	31.03 1.37 0.00	30.82 1.13 0.00	34.00 1.34 0.00	46.74 1.41 0.00	56.67 2.07 0.00	50.54 1.75 0.00	43.32 2.22 0.00	43.65 2.62 -0.08	39.08 2.35 -0.01	38.45 2.38 -0.01	38.71 2.52 -0.72	39.84 2.54 -0.01	48.76 2.93 -5.63	52.15 3.26 -4.81	52.30 3.33 -2.79	56.75 3.61 -0.01	57.94 3.51 -0.36	55.84 3.36 -0.01	49.81 3.13 -0.01	41.25 2.84 0.00	35.59 2.20 0.00
PJM_GEN_HTP_PROXY 323702	35.40 1.00 0.00	33.18 0.97 0.00	31.67 0.98 0.00	30.62 0.95 0.00	30.50 0.80 0.00	33.70 1.04 0.00	46.96 1.63 0.00	56.89 2.29 0.00	50.68 1.90 0.00	42.90 1.81 0.00	42.99 2.05 0.00	38.62 1.91 0.00	38.01 1.95 0.00	37.52 2.06 0.00	39.38 2.09 0.00	42.61 2.41 0.00	46.86 2.78 0.00	48.95 2.77 0.00	56.21 3.08 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.28 1.88 0.00	34.89 1.50 0.00
PJM_GEN_KEystone 24065	31.92 -1.00 1.48	31.06 -0.94 0.22	29.52 -1.17 0.00	28.54 -1.13 0.00	28.47 -1.22 0.00	29.97 -1.27 1.42	39.36 -1.81 4.16	47.73 -1.96 4.90	41.97 -1.90 4.91	34.50 -1.23 5.37	34.60 -1.15 5.20	32.41 -1.03 3.28	32.30 -1.01 2.75	31.75 -1.03 2.69	32.59 -1.19 3.51	33.00 -1.33 5.87	35.60 -1.28 7.20	42.64 -1.62 1.92	47.60 -1.86 3.67	48.93 -1.51 3.62	43.49 -1.47 7.51	38.00 -1.40 7.28	35.67 -1.19 1.54	32.20 -1.14 0.05
PJM_GEN_NEPTUNE_PROXY 323594	35.64 1.24 0.00	33.41 1.19 0.00	31.79 1.10 0.00	30.68 1.01 0.00	30.52 0.83 0.00	33.70 1.04 0.00	46.33 1.00 0.00	56.18 1.58 0.00	50.15 1.36 0.00	42.86 1.77 0.00	43.07 2.09 -0.04	38.67 1.94 -0.01	38.02 1.95 -0.01	37.87 2.09 -0.32	39.36 2.05 -0.01	45.03 2.41 -2.43	48.98 2.69 -2.21	50.19 2.72 -1.28	56.06 2.92 -0.01	56.94 2.70 -0.17	55.15 2.67 -0.01	49.16 2.47 -0.01	40.75 2.34 0.00	35.19 1.80 0.00
PJM_GEN_VFT_PROXY 323633	35.26 0.86 0.01	33.04 0.84 0.01	31.54 0.86 0.00	30.49 0.83 0.01	30.37 0.68 0.01	33.56 0.91 0.01	46.77 1.45 0.01	56.71 2.13 0.01	50.49 1.71 0.00	42.81 1.73 0.01	42.86 1.92 0.01	38.54 1.84 0.01	37.86 1.80 0.01	37.37 1.91 0.01	39.26 1.98 0.01	42.53 2.33 0.00	46.77 2.69 0.00	48.81 2.63 0.00	56.05 2.92 0.00	56.61 2.54 0.00	54.99 2.52 0.00	48.77 2.10 0.01	40.13 1.73 0.01	34.74 1.37 0.01
PLATSBURG_115KV_PMLD1 355749	34.92 0.52 0.00	32.60 0.39 0.00	31.11 0.43 0.00	30.08 0.42 0.00	30.23 0.53 0.00	33.05 0.39 0.00	45.28 -0.05 0.00	53.94 -0.66 0.00	48.78 0.00 0.00	41.30 0.21 0.00	40.99 0.04 0.00	36.75 0.04 0.00	36.14 0.07 0.00	35.54 0.07 0.00	37.52 0.22 0.00	40.48 0.28 0.00	44.08 0.00 0.00	45.99 -0.18 0.00	52.33 -0.80 0.00	53.37 -0.70 0.00	51.84 -0.63 0.00	46.58 -0.09 0.00	38.29 -0.12 0.00	33.28 -0.10 0.00
PLEASANTVLY___LBMP 24000	35.09 0.69 0.00	32.89 0.68 0.00	31.39 0.71 0.00	30.38 0.71 0.00	30.29 0.59 0.00	33.47 0.82 0.00	46.46 1.13 0.00	56.23 1.64 0.00	50.05 1.27 0.00	42.29 1.19 0.00	42.30 1.35 0.00	37.96 1.25 0.00	37.33 1.26 0.00	36.81 1.35 0.00	38.64 1.34 0.00	41.76 1.57 0.00	45.93 1.85 0.00	48.12 1.94 0.00	55.25 2.13 0.00	56.02 1.95 0.00	54.41 1.94 0.00	48.26 1.59 0.00	39.71 1.31 0.00	34.49 1.10 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.37 0.96 0.00	33.15 0.93 0.00	31.63 0.95 0.00	30.62 0.95 0.00	30.47 0.77 0.00	33.70 1.05 0.00	46.87 1.54 0.00	56.72 2.13 0.00	50.59 1.80 0.00	42.82 1.73 0.00	42.83 1.88 0.00	38.44 1.73 0.00	37.83 1.77 0.00	37.31 1.84 0.00	39.16 1.86 0.00	42.37 2.17 0.00	46.59 2.51 0.00	48.81 2.63 0.00	55.95 2.82 0.00	56.77 2.70 0.00	55.09 2.62 0.00	48.82 2.15 0.00	40.13 1.73 0.00	34.82 1.44 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.37 0.96 0.00	33.15 0.93 0.00	31.63 0.95 0.00	30.62 0.95 0.00	30.47 0.77 0.00	33.70 1.05 0.00	46.87 1.54 0.00	56.72 2.13 0.00	50.59 1.80 0.00	42.82 1.73 0.00	42.83 1.88 0.00	38.44 1.73 0.00	37.83 1.77 0.00	37.31 1.84 0.00	39.16 1.86 0.00	42.37 2.17 0.00	46.59 2.51 0.00	48.81 2.63 0.00	55.95 2.82 0.00	56.77 2.70 0.00	55.09 2.62 0.00	48.82 2.15 0.00	40.13 1.73 0.00	34.82 1.44 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.33 0.93 0.00	33.12 0.90 0.00	31.60 0.92 0.00	30.56 0.89 0.00	30.47 0.77 0.00	33.70 1.05 0.00	46.78 1.45 0.00	56.61 2.02 0.00	50.29 1.51 0.00	42.37 1.27 0.00	42.34 1.39 0.00	38.00 1.29 0.00	37.33 1.26 0.00	36.85 1.38 0.00	38.71 1.42 0.00	41.80 1.61 0.00	46.02 1.94 0.00	48.21 2.03 0.00	55.36 2.23 0.00	56.23 2.16 0.00	54.67 2.20 0.00	48.50 1.82 0.00	39.82 1.42 0.00	34.62 1.24 0.00
POLETTI___ 23519	35.47 1.07 0.00	33.21 1.00 0.00	31.70 1.01 0.00	30.71 1.04 0.00	30.53 0.83 0.00	33.77 1.11 0.00	47.01 1.68 0.00	56.89 2.29 0.00	50.73 1.95 0.00	42.99 1.89 0.00	43.03 2.09 0.00	38.66 1.95 0.00	38.01 1.95 0.00	37.52 2.06 0.00	39.38 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.10 2.98 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.32 1.92 0.00	34.92 1.54 0.00
POMONA___ESR 323819	35.16 0.76 0.00	32.96 0.74 0.00	31.45 0.77 0.00	30.41 0.74 0.00	30.32 0.62 0.00	33.50 0.85 0.00	46.60 1.27 0.00	56.45 1.86 0.00	50.24 1.46 0.00	42.45 1.35 0.00	42.54 1.60 0.00	38.19 1.47 0.00	37.54 1.48 0.00	37.06 1.60 0.00	38.90 1.60 0.00	42.05 1.85 0.00	46.24 2.16 0.00	48.35 2.17 0.00	55.63 2.50 0.00	56.29 2.22 0.00	54.67 2.20 0.00	48.49 1.82 0.00	39.86 1.46 0.00	34.55 1.17 0.00
PORT_JEFF_3 23555	36.12 1.72 0.00	33.92 1.71 0.00	32.25 1.56 0.00	31.12 1.45 0.00	30.97 1.28 0.00	34.06 1.40 0.00	46.74 1.41 0.00	56.61 2.02 0.00	50.59 1.81 0.00	43.40 2.30 0.00	43.92 2.91 -0.07	39.33 2.61 -0.01	38.67 2.60 -0.01	38.91 2.77 -0.68	40.07 2.76 -0.01	48.68 3.22 -5.27	51.99 3.48 -4.43	52.25 3.51 -2.56	56.97 3.83 -0.01	58.13 3.73 -0.33	56.00 3.52 -0.01	50.14 3.45 -0.01	41.48 3.07 0.00	35.75 2.37 0.00

PORT_JEFF_4 23616	36.12 1.72 0.00	33.92 1.71 0.00	32.25 1.56 0.00	31.12 1.45 0.00	30.97 1.28 0.00	34.06 1.40 0.00	46.74 1.41 0.00	56.61 2.02 0.00	50.59 1.81 0.00	43.40 2.30 0.00	43.92 2.91 -0.07	39.33 2.61 -0.01	38.67 2.60 -0.01	38.91 2.77 -0.68	40.07 2.76 -0.01	48.68 3.22 -5.27	51.99 3.48 -4.43	52.25 3.51 -2.56	56.97 3.83 -0.01	58.13 3.73 -0.33	56.00 3.52 -0.01	50.14 3.45 -0.01	41.48 3.07 0.00	35.75 2.37 0.00
PORT_JEFF_IC 23713	36.16 1.75 0.00	33.95 1.74 0.00	32.28 1.60 0.00	31.27 1.60 0.00	30.97 1.28 0.00	34.09 1.44 0.00	46.78 1.45 0.00	56.56 1.97 0.00	50.64 1.85 0.00	43.73 2.63 0.00	44.01 2.99 -0.07	39.41 2.68 -0.01	38.71 2.63 -0.01	38.94 2.80 -0.68	40.14 2.83 -0.01	48.73 3.26 -5.28	52.09 3.57 -4.44	52.35 3.60 -2.57	56.96 3.83 -0.01	58.19 3.78 -0.33	56.10 3.62 -0.01	50.19 3.50 -0.01	41.55 3.15 0.00	35.79 2.40 0.00
PPL_PILGRIM_ST_GT1 24216	36.26 1.86 0.00	33.99 1.77 0.00	32.31 1.63 0.00	31.18 1.51 0.00	31.00 1.31 0.00	34.19 1.54 0.00	46.92 1.59 0.00	56.89 2.29 0.00	50.78 2.00 0.00	43.56 2.47 0.00	44.00 2.99 -0.07	39.40 2.68 -0.01	38.74 2.67 -0.01	38.95 2.80 -0.68	40.14 2.83 -0.01	48.82 3.30 -5.33	52.19 3.62 -4.49	52.43 3.65 -2.60	57.13 3.99 -0.01	58.25 3.84 -0.34	56.15 3.67 -0.01	50.23 3.55 -0.01	41.55 3.15 0.00	35.79 2.40 0.00
PPL_PILGRIM_ST_GT2 24217	36.26 1.86 0.00	33.99 1.77 0.00	32.31 1.63 0.00	31.18 1.51 0.00	31.00 1.31 0.00	34.19 1.54 0.00	46.92 1.59 0.00	56.89 2.29 0.00	50.78 2.00 0.00	43.56 2.47 0.00	44.00 2.99 -0.07	39.40 2.68 -0.01	38.74 2.67 -0.01	38.95 2.80 -0.68	40.14 2.83 -0.01	48.82 3.30 -5.33	52.19 3.62 -4.49	52.43 3.65 -2.60	57.13 3.99 -0.01	58.25 3.84 -0.34	56.15 3.67 -0.01	50.23 3.55 -0.01	41.55 3.15 0.00	35.79 2.40 0.00
PPL_SHRM_GT3 24213	36.16 1.75 0.00	34.02 1.80 0.00	32.34 1.66 0.00	31.18 1.51 0.00	31.09 1.40 0.00	34.00 1.34 0.00	46.51 1.18 0.00	56.23 1.64 0.00	50.39 1.61 0.00	43.27 2.18 0.00	44.13 3.11 -0.07	39.51 2.79 -0.01	38.78 2.71 -0.01	39.05 2.91 -0.68	40.25 2.95 -0.01	48.85 3.38 -5.27	52.00 3.48 -4.43	52.16 3.42 -2.57	56.91 3.77 -0.01	58.13 3.73 -0.33	56.00 3.52 -0.01	50.33 3.64 -0.01	41.71 3.30 0.00	35.95 2.57 0.00
PPL_SHRM_GT4 24214	36.16 1.75 0.00	34.02 1.80 0.00	32.34 1.66 0.00	31.18 1.51 0.00	31.09 1.40 0.00	34.00 1.34 0.00	46.51 1.18 0.00	56.23 1.64 0.00	50.39 1.61 0.00	43.27 2.18 0.00	44.13 3.11 -0.07	39.51 2.79 -0.01	38.78 2.71 -0.01	39.05 2.91 -0.68	40.25 2.95 -0.01	48.85 3.38 -5.27	52.00 3.48 -4.43	52.16 3.42 -2.57	56.91 3.77 -0.01	58.13 3.73 -0.33	56.00 3.52 -0.01	50.33 3.64 -0.01	41.71 3.30 0.00	35.95 2.57 0.00
PROJECT___ORANGE 1 24174	34.06 -0.34 0.00	31.89 -0.32 0.00	30.32 -0.37 0.00	29.31 -0.36 0.00	29.34 -0.36 0.00	32.23 -0.42 0.00	44.83 -0.50 0.00	53.99 -0.60 0.00	48.29 -0.49 0.00	40.81 -0.29 0.00	40.70 -0.25 0.00	36.46 -0.26 0.00	35.78 -0.29 0.00	35.18 -0.28 0.00	36.96 -0.34 0.00	39.79 -0.40 0.00	43.68 -0.40 0.00	45.67 -0.51 0.00	52.60 -0.53 0.00	53.64 -0.43 0.00	51.95 -0.52 0.00	46.16 -0.51 0.00	37.98 -0.42 0.00	32.95 -0.43 0.00
PROJECT___ORANGE 2 24166	34.06 -0.34 0.00	31.89 -0.32 0.00	30.32 -0.37 0.00	29.31 -0.36 0.00	29.34 -0.36 0.00	32.23 -0.42 0.00	44.83 -0.50 0.00	53.99 -0.60 0.00	48.29 -0.49 0.00	40.81 -0.29 0.00	40.70 -0.25 0.00	36.46 -0.26 0.00	35.78 -0.29 0.00	35.18 -0.28 0.00	36.96 -0.34 0.00	39.79 -0.40 0.00	43.68 -0.40 0.00	45.67 -0.51 0.00	52.60 -0.53 0.00	53.64 -0.43 0.00	51.95 -0.52 0.00	46.16 -0.51 0.00	37.98 -0.42 0.00	32.95 -0.43 0.00
PUCKETT___SOLAR 323809	34.54 0.14 0.00	32.31 0.10 0.00	30.65 -0.03 0.00	29.64 -0.03 0.00	29.66 -0.03 0.00	32.01 -0.03 0.61	43.63 0.09 1.79	52.59 0.11 2.12	46.62 -0.05 2.12	38.98 0.00 2.11	38.86 -0.04 2.05	35.31 -0.11 1.29	35.23 -0.14 0.70	34.21 -0.18 1.08	35.66 -0.22 1.41	37.59 -0.24 2.37	41.09 -0.09 2.90	46.13 -0.05 0.00	52.75 0.11 0.48	53.29 0.38 1.16	63.87 0.26 -11.14	56.97 0.05 -10.25	39.56 -0.04 -1.20	33.24 -0.13 0.01
PYRITES___HYD 24023	35.19 0.79 0.00	32.86 0.64 0.00	31.36 0.68 0.00	30.26 0.59 0.00	30.56 0.86 0.00	33.44 0.78 0.00	46.28 0.95 0.00	55.14 0.55 0.00	49.42 0.63 0.00	41.63 0.53 0.00	41.23 0.29 0.00	36.94 0.22 0.00	36.28 0.22 0.00	35.71 0.25 0.00	37.78 0.48 0.00	40.60 0.40 0.00	43.90 -0.18 0.00	45.99 -0.18 0.00	52.97 -0.16 0.00	54.39 0.32 0.00	52.68 0.21 0.00	47.19 0.51 0.00	38.86 0.46 0.00	33.88 0.50 0.00
QUAKERRD_115KV_BK1 80622	32.48 -1.93 0.00	30.41 -1.80 0.00	28.78 -1.90 0.00	27.80 -1.87 0.00	27.85 -1.84 0.00	31.33 -2.09 -0.77	44.67 -2.90 -2.24	53.96 -3.28 -2.64	48.69 -2.73 -2.64	41.54 -2.22 -2.67	41.36 -2.17 -2.58	36.40 -1.95 -1.63	34.99 -1.95 -0.87	34.93 -1.88 -1.34	37.07 -1.98 -1.75	40.75 -2.37 -2.93	45.11 -2.56 -3.59	43.27 -2.91 0.00	50.54 -3.24 -0.65	52.45 -3.19 -1.57	43.19 -3.10 6.18	38.05 -2.94 5.69	35.20 -2.53 0.66	31.20 -2.20 -0.02
QUENSBRY_115KV_TB8 356137	35.88 1.48 0.00	33.60 1.39 0.00	32.03 1.35 0.00	31.03 1.36 0.00	31.09 1.40 0.00	34.29 1.63 0.00	48.09 2.77 0.00	58.03 3.44 0.00	51.71 2.93 0.00	43.07 1.97 0.00	42.71 1.76 0.00	38.18 1.47 0.00	37.36 1.30 0.00	36.49 1.03 0.00	38.45 1.16 0.00	41.80 1.61 0.00	45.93 1.85 0.00	48.26 2.08 0.00	55.89 2.76 0.00	57.26 3.19 0.00	55.41 2.94 0.00	49.10 2.43 0.00	40.25 1.84 0.00	34.92 1.54 0.00
RAMAPO___LBMP 323565	35.02 0.62 0.00	32.83 0.61 0.00	31.33 0.64 0.00	30.35 0.68 0.00	30.23 0.53 0.00	33.41 0.75 0.00	46.46 1.13 0.00	56.23 1.64 0.00	50.10 1.32 0.00	42.37 1.27 0.00	42.38 1.43 0.00	38.07 1.36 0.00	37.40 1.33 0.00	36.92 1.45 0.00	38.75 1.45 0.00	41.89 1.69 0.00	46.11 2.03 0.00	48.21 2.03 0.00	55.31 2.18 0.00	56.07 2.00 0.00	54.46 1.99 0.00	48.31 1.63 0.00	39.71 1.31 0.00	34.42 1.03 0.00
RANKINE____ 23646	31.72 -2.68 0.00	29.64 -2.58 0.00	27.86 -2.82 0.00	26.85 -2.82 0.00	26.81 -2.88 0.00	25.53 -3.30 3.83	29.25 -4.85 11.23	35.78 -5.57 13.24	30.55 -4.98 13.26	24.27 -3.66 13.17	24.54 -3.64 12.76	25.39 -3.27 8.05	24.75 -3.32 8.00	25.31 -3.44 6.72	24.74 -3.73 8.83	21.14 -4.30 14.75	21.55 -4.45 18.08	33.44 -5.36 7.38	34.63 -6.16 12.34	38.35 -6.00 9.72	33.79 -5.82 12.86	28.09 -5.37 13.22	29.75 -4.45 4.20	29.21 -4.04 0.14
RAVENSWOOD_GT2_1 24244	35.43 1.03 0.00	33.21 1.00 0.00	31.70 1.01 0.00	30.71 1.04 0.00	30.53 0.83 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.89 2.29 0.00	50.73 1.95 0.00	42.99 1.89 0.00	43.04 2.09 0.00	38.66 1.95 0.00	38.05 1.98 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.10 2.98 0.00	56.83 2.76 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.32 1.92 0.00	34.92 1.54 0.00

RAVENSWOOD_GT_9 24257	35.43 1.03 0.00	33.21 1.00 0.00	31.70 1.01 0.00	30.68 1.01 0.00	30.53 0.83 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.89 2.29 0.00	50.73 1.95 0.00	42.99 1.89 0.00	43.04 2.09 0.00	38.67 1.95 0.00	38.05 1.98 0.00	37.56 2.09 0.00	39.39 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	49.00 2.82 0.00	56.16 3.03 0.00	56.83 2.76 0.00	55.25 2.78 0.00	48.96 2.29 0.00	40.32 1.92 0.00	34.92 1.54 0.00
RAVENSWOOD___1 23533	35.57 1.17 0.00	33.34 1.13 0.00	31.86 1.17 -0.01	30.82 1.16 0.00	30.64 0.95 0.00	33.77 1.11 0.00	47.10 1.77 0.00	56.94 2.35 0.00	50.78 2.00 0.00	43.05 1.93 -0.02	43.17 2.21 -0.02	38.75 2.02 -0.02	38.25 2.16 -0.02	37.72 2.24 -0.02	39.52 2.20 -0.02	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.32 3.19 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.44 2.03 0.00	34.99 1.60 0.00
RAVENSWOOD___2 23534	35.57 1.17 0.00	33.34 1.13 0.00	31.86 1.17 -0.01	30.79 1.13 0.00	30.64 0.95 0.00	33.77 1.11 0.00	47.05 1.72 0.00	56.94 2.35 0.00	50.78 2.00 0.00	43.05 1.93 -0.02	43.17 2.21 -0.02	38.75 2.02 -0.02	38.21 2.13 -0.02	37.68 2.20 -0.02	39.51 2.20 -0.02	42.77 2.57 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.40 2.00 0.00	34.99 1.60 0.00
RAVENSWOOD___3 23535	35.43 1.03 0.00	33.21 1.00 0.00	31.69 1.01 0.00	30.68 1.01 0.00	30.52 0.83 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.74 1.95 0.00	42.95 1.85 0.00	43.03 2.09 0.00	38.66 1.94 0.00	38.05 1.98 0.00	37.56 2.09 0.00	39.38 2.09 0.00	42.65 2.45 0.00	46.90 2.82 0.00	48.95 2.77 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.32 1.92 0.00	34.92 1.54 0.00
RAVENSWOOD___4 23820	35.54 1.13 0.00	33.31 1.10 0.00	31.86 1.17 -0.01	30.79 1.13 0.00	30.64 0.95 0.00	33.77 1.11 0.00	47.05 1.72 0.00	56.89 2.29 0.00	50.78 2.00 0.00	43.04 1.93 -0.01	43.13 2.17 -0.01	38.75 2.02 -0.01	38.21 2.13 -0.01	37.68 2.20 -0.01	39.51 2.20 -0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.00 2.82 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.25 2.78 0.00	48.96 2.29 0.00	40.40 2.00 0.00	34.99 1.60 0.00
RCPI_TRUST___DRP 24196	35.43 1.03 0.00	33.21 1.00 0.00	31.70 1.01 0.00	30.68 1.01 0.00	30.53 0.83 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.78 2.00 0.00	43.03 1.93 0.00	43.08 2.13 0.00	38.70 1.98 0.00	38.05 1.98 0.00	37.56 2.09 0.00	39.42 2.13 0.00	42.65 2.45 0.00	46.95 2.87 0.00	49.04 2.86 0.00	56.21 3.08 0.00	56.94 2.87 0.00	55.25 2.78 0.00	48.96 2.29 0.00	40.32 1.92 0.00	34.92 1.54 0.00
RED___ROCHESTER 323720	33.17 -1.24 0.00	31.02 -1.19 0.00	29.33 -1.35 0.00	28.36 -1.30 0.00	28.36 -1.34 0.00	32.05 -1.53 -0.92	45.90 -2.13 -2.70	55.32 -2.46 -3.19	50.31 -1.66 -3.19	42.87 -1.36 -3.12	42.66 -1.31 -3.03	37.45 -1.18 -1.91	35.93 -1.16 -1.02	35.99 -1.10 -1.62	38.23 -1.19 -2.13	42.15 -1.61 -3.56	46.77 -1.68 -4.37	44.06 -2.12 0.00	51.84 -2.34 -1.05	54.36 -2.22 -2.51	43.57 -2.10 6.80	38.27 -2.15 6.26	35.75 -1.92 0.73	31.71 -1.70 -0.03
REGAN___SOLAR 323812	35.95 1.55 0.00	33.67 1.45 0.00	32.03 1.35 0.00	31.03 1.37 0.00	31.09 1.40 0.00	34.32 1.66 0.00	48.19 2.86 0.00	58.14 3.55 0.00	51.22 2.44 0.00	42.25 1.15 0.00	41.56 0.62 0.00	37.08 0.37 0.00	36.39 0.32 0.00	35.75 0.28 0.00	37.86 0.56 0.00	41.32 1.12 0.00	45.58 1.50 0.00	48.12 1.94 0.00	56.05 2.92 0.00	57.53 3.46 0.00	55.67 3.20 0.00	49.29 2.61 0.00	40.36 1.96 0.00	34.95 1.57 0.00
RENSSELAER___COGEN 23796	35.23 0.82 0.00	33.02 0.81 0.00	31.48 0.80 0.00	30.47 0.80 0.00	30.50 0.80 0.00	33.64 0.98 0.00	46.74 1.41 0.00	56.29 1.69 0.00	50.10 1.32 0.00	42.00 0.90 0.00	41.85 0.90 0.00	37.56 0.85 0.00	36.89 0.83 0.00	36.17 0.71 0.00	38.00 0.71 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.43 1.25 0.00	54.67 1.54 0.00	55.64 1.57 0.00	53.99 1.52 0.00	48.07 1.40 0.00	39.55 1.15 0.00	34.45 1.07 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.60 2.20 0.00	34.31 2.09 0.00	32.65 1.96 0.00	31.69 2.02 0.00	31.71 2.02 0.00	35.07 2.42 0.00	49.50 4.17 0.00	59.62 5.02 0.00	52.98 4.20 0.00	43.93 2.84 0.00	43.40 2.46 0.00	38.73 2.02 0.00	37.79 1.73 0.00	36.85 1.38 0.00	38.83 1.53 0.00	42.41 2.21 0.00	46.64 2.56 0.00	49.04 2.86 0.00	57.06 3.93 0.00	58.88 4.81 0.00	56.88 4.41 0.00	50.27 3.59 0.00	41.09 2.69 0.00	35.59 2.20 0.00
REVERE_CPDRP 24186	35.09 0.69 0.00	32.83 0.61 0.00	31.17 0.49 0.00	30.11 0.45 0.00	30.26 0.56 0.00	33.31 0.65 0.00	46.51 1.18 0.00	55.74 1.15 0.00	49.66 0.88 0.00	41.59 0.49 0.00	41.44 0.49 0.00	37.08 0.37 0.00	36.35 0.29 0.00	35.78 0.32 0.00	37.67 0.37 0.00	40.60 0.40 0.00	44.57 0.48 0.00	46.82 0.65 0.00	54.19 1.06 0.00	55.48 1.41 0.00	53.63 1.15 0.00	47.61 0.93 0.00	38.98 0.58 0.00	33.85 0.47 0.00
REYNLDPA_13_KV_LD 356490	34.82 0.41 0.00	32.54 0.32 0.00	31.08 0.40 0.00	30.03 0.36 0.00	30.17 0.47 0.00	33.02 0.36 0.00	45.60 0.27 0.00	54.10 -0.49 0.00	49.08 0.29 0.00	41.55 0.45 0.00	41.27 0.33 0.00	37.01 0.29 0.00	36.42 0.36 0.00	35.78 0.32 0.00	37.75 0.45 0.00	40.64 0.44 0.00	44.17 0.09 0.00	46.13 -0.05 0.00	53.08 -0.05 0.00	53.42 -0.65 0.00	52.37 -0.10 0.00	46.72 0.05 0.00	38.56 0.15 0.00	33.59 0.20 0.00
REYNOLDS_115KV_TB3 80639	35.23 0.83 0.00	32.99 0.77 0.00	31.45 0.77 0.00	30.47 0.80 0.00	30.50 0.80 0.00	33.64 0.98 0.00	46.69 1.36 0.00	56.23 1.64 0.00	50.10 1.32 0.00	41.96 0.86 0.00	41.81 0.86 0.00	37.52 0.81 0.00	36.86 0.79 0.00	36.14 0.67 0.00	37.97 0.67 0.00	41.04 0.84 0.00	45.05 0.97 0.00	47.38 1.20 0.00	54.62 1.49 0.00	55.58 1.51 0.00	53.89 1.42 0.00	48.08 1.40 0.00	39.56 1.15 0.00	34.49 1.10 0.00
RIVERBAY___ 323610	36.02 1.62 0.00	33.76 1.55 0.00	32.38 1.69 -0.01	31.33 1.66 0.00	31.09 1.40 0.00	34.09 1.44 0.00	47.46 2.13 0.00	57.27 2.68 0.00	51.17 2.39 0.00	43.36 2.26 0.00	43.41 2.46 0.00	39.07 2.35 0.00	38.41 2.34 0.00	37.84 2.38 0.00	39.69 2.39 0.00	42.97 2.77 0.00	47.30 3.22 0.00	49.27 3.09 0.00	56.48 3.35 0.00	57.10 3.03 0.00	55.57 3.10 0.00	49.24 2.57 0.00	40.75 2.34 0.00	35.32 1.94 0.00
RIVERSDE_115KV_TB3 55908	35.26 0.86 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.56 0.86 0.00	33.67 1.01 0.00	46.78 1.45 0.00	56.34 1.75 0.00	50.20 1.41 0.00	42.08 0.99 0.00	41.93 0.98 0.00	37.60 0.88 0.00	36.93 0.87 0.00	36.21 0.74 0.00	38.08 0.78 0.00	41.12 0.92 0.00	45.18 1.10 0.00	47.47 1.29 0.00	54.72 1.59 0.00	55.75 1.68 0.00	54.05 1.57 0.00	48.17 1.49 0.00	39.59 1.19 0.00	34.49 1.10 0.00

ROARING___BROOK_WT_PWR 323790	34.20 -0.21 0.00	31.99 -0.22 0.00	30.38 -0.31 0.00	29.22 -0.44 0.00	29.01 -0.68 0.00	32.10 -0.56 0.00	44.65 -0.68 0.00	54.38 -0.22 0.00	48.69 -0.10 0.00	41.01 -0.08 0.00	40.86 -0.08 0.00	36.64 -0.07 0.00	35.99 -0.07 0.00	35.39 -0.07 0.00	37.22 -0.07 0.00	40.08 -0.12 0.00	43.86 -0.22 0.00	45.90 -0.28 0.00	52.81 -0.32 0.00	53.75 -0.32 0.00	52.16 -0.31 0.00	46.44 -0.23 0.00	38.29 -0.11 0.00	33.28 -0.10 0.00
ROCHESRG_115KV_T4 355643	32.82 -1.58 0.00	30.70 -1.51 0.00	29.06 -1.63 0.00	28.04 -1.63 0.00	28.09 -1.60 0.00	31.65 -1.83 -0.82	45.14 -2.58 -2.40	54.58 -2.84 -2.83	49.22 -2.39 -2.83	41.96 -1.89 -2.76	41.74 -1.88 -2.67	36.71 -1.69 -1.69	35.30 -1.66 -0.90	35.27 -1.63 -1.44	37.51 -1.68 -1.89	41.22 -2.13 -3.16	45.70 -2.25 -3.87	43.45 -2.72 0.00	51.00 -3.03 -0.90	53.31 -2.92 -2.16	43.00 -2.83 6.64	37.86 -2.71 6.11	35.35 -2.34 0.71	31.37 -2.04 -0.03
ROCHESTER_9_IC 23652	33.03 -1.38 0.00	30.93 -1.29 0.00	29.24 -1.44 0.00	28.21 -1.45 0.00	28.27 -1.43 0.00	31.95 -1.63 -0.93	45.78 -2.27 -2.72	55.34 -2.46 -3.21	50.04 -1.95 -3.21	42.68 -1.56 -3.15	42.44 -1.56 -3.05	37.28 -1.36 -1.93	35.72 -1.37 -1.03	35.79 -1.31 -1.63	38.06 -1.38 -2.14	41.97 -1.81 -3.59	46.58 -1.90 -4.40	43.83 -2.36 0.00	51.58 -2.60 -1.06	54.11 -2.49 -2.53	43.30 -2.36 6.81	38.03 -2.38 6.26	35.60 -2.07 0.73	31.58 -1.84 -0.03
ROCKVIEW_13_KV_LD 356306	35.40 1.00 0.00	33.18 0.97 0.00	31.63 0.95 0.00	30.65 0.98 0.00	30.50 0.80 0.00	33.73 1.08 0.00	46.96 1.63 0.00	56.89 2.29 0.00	50.73 1.95 0.00	42.95 1.85 0.00	43.04 2.09 0.00	38.63 1.91 0.00	37.98 1.91 0.00	37.49 2.02 0.00	39.35 2.05 0.00	42.57 2.37 0.00	46.81 2.73 0.00	49.00 2.82 0.00	56.16 3.03 0.00	56.94 2.87 0.00	55.30 2.83 0.00	49.01 2.33 0.00	40.29 1.88 0.00	34.89 1.50 0.00
ROME____115KV_TB2 80656	35.09 0.69 0.00	32.83 0.61 0.00	31.17 0.49 0.00	30.11 0.45 0.00	30.26 0.56 0.00	33.31 0.65 0.00	46.51 1.18 0.00	55.74 1.15 0.00	49.66 0.88 0.00	41.59 0.49 0.00	41.44 0.49 0.00	37.08 0.37 0.00	36.35 0.29 0.00	35.78 0.32 0.00	37.67 0.37 0.00	40.60 0.40 0.00	44.57 0.48 0.00	46.82 0.65 0.00	54.19 1.06 0.00	55.48 1.41 0.00	53.63 1.15 0.00	47.61 0.93 0.00	38.98 0.58 0.00	33.85 0.47 0.00
ROSETON___1 23587	35.05 0.65 0.00	32.86 0.64 0.00	31.36 0.67 0.00	30.32 0.65 0.00	30.23 0.54 0.00	33.41 0.75 0.00	46.42 1.09 0.00	56.23 1.64 0.00	50.00 1.22 0.00	42.21 1.11 0.00	42.22 1.27 0.00	37.93 1.21 0.00	37.29 1.23 0.00	36.78 1.31 0.00	38.60 1.30 0.00	41.72 1.53 0.00	45.85 1.77 0.00	48.03 1.85 0.00	55.20 2.07 0.00	55.96 1.89 0.00	54.31 1.84 0.00	48.21 1.54 0.00	39.63 1.23 0.00	34.42 1.04 0.00
ROSETON___2 23588	35.05 0.65 0.00	32.86 0.64 0.00	31.36 0.67 0.00	30.32 0.65 0.00	30.23 0.54 0.00	33.41 0.75 0.00	46.42 1.09 0.00	56.23 1.64 0.00	50.00 1.22 0.00	42.21 1.11 0.00	42.22 1.27 0.00	37.93 1.21 0.00	37.29 1.23 0.00	36.78 1.31 0.00	38.60 1.30 0.00	41.72 1.53 0.00	45.85 1.77 0.00	48.03 1.85 0.00	55.20 2.07 0.00	55.96 1.89 0.00	54.31 1.84 0.00	48.21 1.54 0.00	39.63 1.23 0.00	34.42 1.04 0.00
ROTTRDAM_115KV_TB3 80664	35.02 0.62 0.00	32.83 0.61 0.00	31.27 0.58 0.00	30.26 0.59 0.00	30.29 0.59 0.00	33.38 0.72 0.00	46.46 1.13 0.00	56.01 1.42 0.00	49.90 1.12 0.00	41.84 0.74 0.00	41.60 0.66 0.00	37.30 0.59 0.00	36.60 0.54 0.00	35.96 0.50 0.00	37.82 0.52 0.00	40.92 0.72 0.00	44.92 0.84 0.00	47.19 1.02 0.00	54.40 1.28 0.00	55.42 1.35 0.00	53.73 1.26 0.00	47.80 1.12 0.00	39.29 0.88 0.00	34.15 0.77 0.00
RUSSELL___1 23602	33.16 -1.24 0.00	31.05 -1.16 0.00	29.33 -1.35 0.00	28.30 -1.36 0.00	28.36 -1.34 0.00	32.05 -1.53 -0.92	45.90 -2.13 -2.70	55.60 -2.18 -3.19	50.22 -1.76 -3.19	42.86 -1.36 -3.12	42.62 -1.35 -3.03	37.45 -1.17 -1.91	35.89 -1.19 -1.02	35.95 -1.13 -1.62	38.23 -1.19 -2.13	42.15 -1.61 -3.56	46.77 -1.68 -4.37	44.06 -2.12 0.00	51.89 -2.28 -1.05	54.36 -2.22 -2.51	43.57 -2.10 6.80	38.27 -2.15 6.26	35.75 -1.92 0.73	31.71 -1.70 -0.03
RUSSELL___2 23532	33.16 -1.24 0.00	31.05 -1.16 0.00	29.33 -1.35 0.00	28.30 -1.36 0.00	28.36 -1.34 0.00	32.05 -1.53 -0.92	45.90 -2.13 -2.70	55.60 -2.18 -3.19	50.22 -1.76 -3.19	42.86 -1.36 -3.12	42.62 -1.35 -3.03	37.45 -1.17 -1.91	35.89 -1.19 -1.02	35.95 -1.13 -1.62	38.23 -1.19 -2.13	42.15 -1.61 -3.56	46.77 -1.68 -4.37	44.06 -2.12 0.00	51.89 -2.28 -1.05	54.36 -2.22 -2.51	43.57 -2.10 6.80	38.27 -2.15 6.26	35.75 -1.92 0.73	31.71 -1.70 -0.03
RUSSELL___3 23549	33.16 -1.24 0.00	31.05 -1.16 0.00	29.33 -1.35 0.00	28.30 -1.36 0.00	28.36 -1.34 0.00	32.05 -1.53 -0.92	45.90 -2.13 -2.70	55.60 -2.18 -3.19	50.22 -1.76 -3.19	42.86 -1.36 -3.12	42.62 -1.35 -3.03	37.45 -1.17 -1.91	35.89 -1.19 -1.02	35.95 -1.13 -1.62	38.23 -1.19 -2.13	42.15 -1.61 -3.56	46.77 -1.68 -4.37	44.06 -2.12 0.00	51.89 -2.28 -1.05	54.36 -2.22 -2.51	43.57 -2.10 6.80	38.27 -2.15 6.26	35.75 -1.92 0.73	31.71 -1.70 -0.03
RUSSELL___4 23556	33.16 -1.24 0.00	31.05 -1.16 0.00	29.33 -1.35 0.00	28.30 -1.36 0.00	28.36 -1.34 0.00	32.05 -1.53 -0.92	45.90 -2.13 -2.70	55.60 -2.18 -3.19	50.22 -1.76 -3.19	42.86 -1.36 -3.12	42.62 -1.35 -3.03	37.45 -1.17 -1.91	35.89 -1.19 -1.02	35.95 -1.13 -1.62	38.23 -1.19 -2.13	42.15 -1.61 -3.56	46.77 -1.68 -4.37	44.06 -2.12 0.00	51.89 -2.28 -1.05	54.36 -2.22 -2.51	43.57 -2.10 6.80	38.27 -2.15 6.26	35.75 -1.92 0.73	31.71 -1.70 -0.03
RUSSELL___STATION 23914	33.16 -1.24 0.00	31.05 -1.16 0.00	29.33 -1.35 0.00	28.30 -1.36 0.00	28.36 -1.34 0.00	32.05 -1.53 -0.92	45.90 -2.13 -2.70	55.60 -2.18 -3.19	50.22 -1.76 -3.19	42.86 -1.36 -3.12	42.62 -1.35 -3.03	37.45 -1.17 -1.91	35.89 -1.19 -1.02	35.95 -1.13 -1.62	38.23 -1.19 -2.13	42.15 -1.61 -3.56	46.77 -1.68 -4.37	44.06 -2.12 0.00	51.89 -2.28 -1.05	54.36 -2.22 -2.51	43.57 -2.10 6.80	38.27 -2.15 6.26	35.75 -1.92 0.73	31.71 -1.70 -0.03
S SALMON___HYD 24043	34.13 -0.28 0.00	31.92 -0.29 0.00	30.35 -0.34 0.00	29.28 -0.39 0.00	29.49 -0.21 0.00	32.43 -0.23 0.00	45.38 0.05 0.00	54.21 -0.38 0.00	48.20 -0.58 0.00	40.36 -0.74 0.00	40.13 -0.82 0.00	35.87 -0.84 0.00	35.13 -0.94 0.00	34.58 -0.89 0.00	36.48 -0.82 0.00	39.31 -0.88 0.00	43.15 -0.93 0.00	45.39 -0.79 0.00	52.65 -0.48 0.00	54.18 0.11 0.00	52.37 -0.10 0.00	46.44 -0.23 0.00	37.98 -0.42 0.00	32.88 -0.50 0.00
S.PERRY__115KV_TB1 80734	33.78 -0.62 0.00	31.60 -0.61 0.00	29.82 -0.86 0.00	28.72 -0.95 0.00	28.77 -0.92 0.00	42.30 -1.11 -10.75	73.28 -2.99 -30.94	87.38 -3.77 -36.55	81.88 -3.51 -36.61	80.17 -2.79 -41.87	78.54 -2.99 -40.58	59.56 -2.75 -25.60	56.66 -2.85 -23.45	51.12 -2.84 -18.50	57.85 -2.98 -23.54	76.05 -3.62 -39.47	88.80 -3.70 -48.42	63.56 -3.97 -21.35	75.03 -4.09 -26.00	55.33 -3.51 -4.77	37.41 -1.68 13.38	36.56 -1.82 8.29	43.38 -1.73 -6.71	31.78 -1.70 -0.10

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.31 -3.10 0.00	29.22 -3.00 0.00	27.49 -3.19 0.00	26.46 -3.20 0.00	26.49 -3.21 0.00	25.08 -3.76 3.82	28.68 -5.44 11.21	35.09 -6.28 13.23	29.98 -5.56 13.25	23.60 -4.27 13.22	23.91 -4.22 12.82	24.81 -3.82 8.09	24.37 -3.79 7.90	24.89 -3.87 6.71	24.43 -4.07 8.80	20.79 -4.70 14.71	21.07 -4.98 18.03	33.02 -6.00 7.15	34.14 -6.85 12.14	37.48 -6.76 9.83	33.68 -6.56 12.23	28.10 -5.97 12.60	29.44 -4.92 4.04	28.84 -4.41 0.13
SAWYER__23_KV_LOAD 55526	31.31 -3.10 0.00	29.22 -3.00 0.00	27.49 -3.19 0.00	26.46 -3.20 0.00	26.49 -3.21 0.00	25.08 -3.76 3.82	28.68 -5.44 11.21	35.09 -6.28 13.23	29.98 -5.56 13.25	23.60 -4.27 13.22	23.91 -4.22 12.82	24.81 -3.82 8.09	24.37 -3.79 7.90	24.89 -3.87 6.71	24.43 -4.07 8.80	20.79 -4.70 14.71	21.07 -4.98 18.03	33.02 -6.00 7.15	34.14 -6.85 12.14	37.48 -6.76 9.83	33.68 -6.56 12.23	28.10 -5.97 12.60	29.44 -4.92 4.04	28.84 -4.41 0.13
SELKIRK__I 23801	35.26 0.86 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.50 0.80 0.00	33.60 0.95 0.00	46.74 1.41 0.00	56.29 1.69 0.00	50.20 1.42 0.00	42.00 0.90 0.00	41.76 0.82 0.00	37.41 0.70 0.00	36.71 0.65 0.00	36.07 0.60 0.00	37.93 0.63 0.00	41.04 0.85 0.00	45.10 1.01 0.00	47.38 1.20 0.00	54.62 1.49 0.00	55.64 1.57 0.00	53.99 1.52 0.00	48.03 1.35 0.00	39.52 1.11 0.00	34.38 1.00 0.00
SELKIRK__II 23799	35.05 0.65 0.00	32.86 0.64 0.00	31.33 0.65 0.00	30.29 0.62 0.00	30.35 0.65 0.00	33.44 0.78 0.00	46.46 1.13 0.00	55.96 1.37 0.00	49.85 1.07 0.00	41.84 0.74 0.00	41.68 0.74 0.00	37.38 0.66 0.00	36.71 0.65 0.00	36.07 0.60 0.00	37.89 0.59 0.00	40.92 0.72 0.00	44.96 0.88 0.00	47.24 1.06 0.00	54.40 1.27 0.00	55.37 1.30 0.00	53.73 1.26 0.00	47.84 1.17 0.00	39.32 0.92 0.00	34.25 0.87 0.00
SENECA OSWGO__HYD 24041	33.65 -0.76 0.00	31.51 -0.71 0.00	29.98 -0.70 0.00	28.99 -0.68 0.00	29.04 -0.65 0.00	31.87 -0.78 0.00	44.33 -1.00 0.00	53.34 -1.25 0.00	47.66 -1.12 0.00	40.23 -0.86 0.00	40.08 -0.86 0.00	35.91 -0.81 0.00	35.24 -0.83 0.00	34.65 -0.81 0.00	36.40 -0.90 0.00	39.19 -1.00 0.00	43.07 -1.01 0.00	45.07 -1.11 0.00	51.91 -1.22 0.00	53.10 -0.97 0.00	51.42 -1.05 0.00	45.69 -0.98 0.00	37.56 -0.85 0.00	32.58 -0.80 0.00
SENECA__115KV_TB3 355854	31.75 -2.65 0.00	29.67 -2.55 0.00	27.89 -2.79 0.00	26.97 -2.70 0.00	26.84 -2.85 0.00	25.56 -3.27 3.83	29.25 -4.85 11.23	35.89 -5.46 13.24	30.69 -4.83 13.26	24.31 -3.62 13.17	24.62 -3.56 12.76	25.47 -3.19 8.05	24.78 -3.28 8.00	25.31 -3.44 6.72	24.78 -3.69 8.83	21.18 -4.26 14.75	21.55 -4.45 18.08	33.49 -5.31 7.38	34.58 -6.22 12.34	38.41 -5.95 9.72	33.84 -5.77 12.86	28.13 -5.32 13.22	29.75 -4.45 4.20	29.24 -4.01 0.14
SENECA__ENERGY 23797	33.78 -0.62 0.00	31.64 -0.58 0.00	30.01 -0.68 0.00	29.01 -0.65 0.00	29.04 -0.65 0.00	32.80 -0.72 -0.86	46.86 -0.95 -2.49	56.33 -1.20 -2.94	50.75 -0.98 -2.94	43.78 -0.66 -3.34	43.53 -0.66 -3.24	38.06 -0.70 -2.04	37.16 -0.72 -1.82	36.20 -0.75 -1.49	38.33 -0.86 -1.89	42.33 -1.05 -3.18	46.96 -1.01 -3.90	46.57 -1.15 -1.54	53.86 -1.17 -1.90	53.51 -0.97 -0.42	45.88 -1.00 5.59	40.79 -1.03 4.86	37.51 -0.88 0.01	32.52 -0.87 -0.01
SHOEMAKER__GT 23640	34.95 0.55 0.00	32.76 0.55 0.00	31.24 0.55 0.00	30.20 0.53 0.00	30.11 0.42 0.00	33.28 0.62 0.00	46.24 0.91 0.00	55.96 1.37 0.00	49.76 0.98 0.00	41.92 0.82 0.00	41.93 0.98 0.00	37.63 0.92 0.00	36.97 0.90 0.00	36.49 1.03 0.00	38.30 1.01 0.00	41.36 1.17 0.00	45.53 1.45 0.00	47.66 1.48 0.00	54.83 1.70 0.00	55.64 1.57 0.00	54.04 1.57 0.00	47.94 1.26 0.00	39.36 0.96 0.00	34.18 0.80 0.00
SHOEMAKR_138KV_BK 111 55601	34.92 0.52 0.00	32.73 0.52 0.00	31.24 0.55 0.00	30.20 0.53 0.00	30.11 0.42 0.00	33.28 0.62 0.00	46.24 0.91 0.00	55.90 1.31 0.00	49.76 0.98 0.00	42.00 0.90 0.00	41.97 1.02 0.00	37.67 0.95 0.00	37.00 0.94 0.00	36.53 1.06 0.00	38.34 1.04 0.00	41.40 1.21 0.00	45.54 1.45 0.00	47.70 1.52 0.00	54.78 1.65 0.00	55.64 1.57 0.00	54.05 1.57 0.00	47.94 1.26 0.00	39.40 1.00 0.00	34.18 0.80 0.00
SHOREHAM_IC_1 23715	36.16 1.75 0.00	34.02 1.80 0.00	32.34 1.66 0.00	31.18 1.51 0.00	31.09 1.40 0.00	34.00 1.34 0.00	46.51 1.18 0.00	56.23 1.64 0.00	50.39 1.61 0.00	43.27 2.18 0.00	44.13 3.11 -0.07	39.51 2.79 -0.01	38.78 2.71 -0.01	39.05 2.91 -0.68	40.25 2.95 -0.01	48.85 3.38 -5.27	52.00 3.48 -4.43	52.16 3.42 -2.57	56.91 3.77 -0.01	58.13 3.73 -0.33	56.00 3.52 -0.01	50.33 3.64 -0.01	41.71 3.30 0.00	35.95 2.57 0.00
SHOREHAM_IC_2 23716	36.16 1.75 0.00	34.02 1.80 0.00	32.34 1.66 0.00	31.18 1.51 0.00	31.09 1.40 0.00	34.00 1.34 0.00	46.51 1.18 0.00	56.23 1.64 0.00	50.39 1.61 0.00	43.27 2.18 0.00	44.13 3.11 -0.07	39.51 2.79 -0.01	38.78 2.71 -0.01	39.05 2.91 -0.68	40.25 2.95 -0.01	48.85 3.38 -5.27	52.00 3.48 -4.43	52.16 3.42 -2.57	56.91 3.77 -0.01	58.13 3.73 -0.33	56.00 3.52 -0.01	50.33 3.64 -0.01	41.71 3.30 0.00	35.95 2.57 0.00
SISSONVILLE__ 23735	34.71 0.31 0.00	32.41 0.19 0.00	30.93 0.25 0.00	29.88 0.21 0.00	30.11 0.42 0.00	32.95 0.29 0.00	45.56 0.23 0.00	54.37 -0.22 0.00	48.78 0.00 0.00	41.18 0.08 0.00	40.82 -0.12 0.00	36.57 -0.15 0.00	35.96 -0.11 0.00	35.36 -0.11 0.00	37.37 0.07 0.00	40.12 -0.08 0.00	43.29 -0.79 0.00	45.30 -0.88 0.00	52.07 -1.06 0.00	53.31 -0.76 0.00	51.63 -0.84 0.00	46.35 -0.33 0.00	38.25 -0.15 0.00	33.35 -0.03 0.00
SITHE_IND_GS1 24169	33.40 -1.00 0.00	31.28 -0.94 0.00	29.76 -0.92 0.00	28.81 -0.86 0.00	28.83 -0.86 0.00	31.64 -1.01 0.00	43.92 -1.41 0.00	52.90 -1.69 0.00	47.37 -1.42 0.00	39.95 -1.15 0.00	39.80 -1.15 0.00	35.65 -1.07 0.00	35.02 -1.05 0.00	34.43 -1.03 0.00	36.21 -1.08 0.00	38.95 -1.25 0.00	42.76 -1.32 0.00	44.75 -1.43 0.00	51.48 -1.65 0.00	52.50 -1.57 0.00	50.90 -1.57 0.00	45.23 -1.45 0.00	37.21 -1.19 0.00	32.35 -1.04 0.00
SITHE_IND_GS2 24170	33.40 -1.00 0.00	31.28 -0.94 0.00	29.76 -0.92 0.00	28.81 -0.86 0.00	28.83 -0.86 0.00	31.64 -1.01 0.00	43.92 -1.41 0.00	52.90 -1.69 0.00	47.37 -1.42 0.00	39.95 -1.15 0.00	39.80 -1.15 0.00	35.65 -1.07 0.00	35.02 -1.05 0.00	34.43 -1.03 0.00	36.21 -1.08 0.00	38.95 -1.25 0.00	42.76 -1.32 0.00	44.75 -1.43 0.00	51.48 -1.65 0.00	52.50 -1.57 0.00	50.90 -1.57 0.00	45.23 -1.45 0.00	37.21 -1.19 0.00	32.35 -1.04 0.00
SITHE_IND_GS3 24171	33.40 -1.00 0.00	31.28 -0.94 0.00	29.76 -0.92 0.00	28.81 -0.86 0.00	28.83 -0.86 0.00	31.64 -1.01 0.00	43.92 -1.41 0.00	52.90 -1.69 0.00	47.37 -1.42 0.00	39.95 -1.15 0.00	39.80 -1.15 0.00	35.65 -1.07 0.00	35.02 -1.05 0.00	34.43 -1.03 0.00	36.21 -1.08 0.00	38.95 -1.25 0.00	42.76 -1.32 0.00	44.75 -1.43 0.00	51.48 -1.65 0.00	52.50 -1.57 0.00	50.90 -1.57 0.00	45.23 -1.45 0.00	37.21 -1.19 0.00	32.35 -1.04 0.00

SITHE_IND_GS4 24172	33.40 -1.00 0.00	31.28 -0.94 0.00	29.76 -0.92 0.00	28.81 -0.86 0.00	28.83 -0.86 0.00	31.64 -1.01 0.00	43.92 -1.41 0.00	52.90 -1.69 0.00	47.37 -1.42 0.00	39.95 -1.15 0.00	39.80 -1.15 0.00	35.65 -1.07 0.00	35.02 -1.05 0.00	34.43 -1.03 0.00	36.21 -1.08 0.00	38.95 -1.25 0.00	42.76 -1.32 0.00	44.75 -1.43 0.00	51.48 -1.65 0.00	52.50 -1.57 0.00	50.90 -1.57 0.00	45.23 -1.45 0.00	37.21 -1.19 0.00	32.35 -1.04 0.00
SITHE__BATAVIA 24024	32.54 -1.86 0.00	30.70 -1.51 0.00	28.84 -1.84 0.00	27.86 -1.81 0.00	27.85 -1.84 0.00	29.27 -2.29 1.10	38.79 -3.04 3.50	47.16 -3.33 4.11	42.28 -2.39 4.11	37.28 -2.14 1.67	37.11 -2.21 1.62	33.76 -1.95 1.01	32.14 -1.91 2.01	31.41 -1.92 2.14	32.11 -2.01 3.17	32.50 -2.41 5.28	35.01 -2.60 6.47	38.41 -3.97 3.79	40.96 -4.46 7.70	41.58 -4.22 8.27	38.90 -3.99 9.58	33.32 -3.83 9.53	32.62 -3.30 2.48	30.13 -3.14 0.11
SITHE__INDEPEND 23800	33.41 -1.00 0.00	31.28 -0.93 0.00	29.76 -0.92 0.00	28.81 -0.86 0.00	28.83 -0.86 0.00	31.64 -1.01 0.00	43.92 -1.41 0.00	52.96 -1.64 0.00	47.32 -1.46 0.00	39.91 -1.19 0.00	39.80 -1.15 0.00	35.65 -1.06 0.00	35.02 -1.05 0.00	34.44 -1.03 0.00	36.21 -1.08 0.00	38.99 -1.21 0.00	42.76 -1.32 0.00	44.75 -1.43 0.00	51.54 -1.59 0.00	52.50 -1.57 0.00	50.90 -1.57 0.00	45.23 -1.45 0.00	37.21 -1.19 0.00	32.35 -1.03 0.00
SITHE__MASSENA 23902	34.95 0.55 0.00	32.63 0.42 0.00	31.17 0.49 0.00	30.11 0.45 0.00	30.32 0.62 0.00	33.15 0.49 0.00	45.78 0.45 0.00	54.76 0.16 0.00	49.22 0.44 0.00	41.63 0.53 0.00	41.31 0.37 0.00	37.05 0.33 0.00	36.46 0.40 0.00	35.86 0.39 0.00	37.82 0.52 0.00	40.68 0.48 0.00	44.17 0.09 0.00	46.13 -0.05 0.00	53.08 -0.05 0.00	54.07 0.00 0.00	52.42 -0.05 0.00	46.86 0.19 0.00	38.64 0.23 0.00	33.68 0.30 0.00
SITHE__OGDNSBRG 24021	35.23 0.83 0.00	32.92 0.71 0.00	31.42 0.74 0.00	30.32 0.65 0.00	30.58 0.89 0.00	33.47 0.82 0.00	46.28 0.95 0.00	55.19 0.60 0.00	49.47 0.68 0.00	41.67 0.58 0.00	41.31 0.37 0.00	37.01 0.29 0.00	36.35 0.29 0.00	35.78 0.32 0.00	37.82 0.52 0.00	40.68 0.48 0.00	44.08 0.00 0.00	46.18 0.00 0.00	53.18 0.05 0.00	54.56 0.49 0.00	52.84 0.37 0.00	47.28 0.61 0.00	38.94 0.54 0.00	33.95 0.57 0.00
SITHE__STERLING 23777	34.88 0.48 0.00	32.67 0.45 0.00	31.02 0.34 0.00	29.96 0.30 0.00	30.08 0.39 0.00	33.11 0.46 0.00	46.15 0.82 0.00	55.46 0.87 0.00	49.47 0.68 0.00	41.51 0.41 0.00	41.36 0.41 0.00	37.05 0.33 0.00	36.32 0.25 0.00	35.71 0.25 0.00	37.59 0.30 0.00	40.52 0.32 0.00	44.52 0.44 0.00	46.69 0.51 0.00	53.93 0.80 0.00	55.15 1.08 0.00	53.42 0.95 0.00	47.42 0.74 0.00	38.90 0.50 0.00	33.75 0.37 0.00
SLEIGHT__34_KV_TB1 80719	33.27 -1.14 0.00	31.15 -1.06 0.00	29.52 -1.17 0.00	28.51 -1.16 0.00	28.57 -1.13 0.00	32.06 -1.27 -0.68	45.62 -1.68 -1.97	55.06 -1.86 -2.32	49.54 -1.56 -2.32	42.34 -1.15 -2.40	42.12 -1.15 -2.32	37.15 -1.03 -1.47	35.80 -1.05 -0.78	35.63 -1.03 -1.19	37.76 -1.08 -1.55	41.39 -1.41 -2.60	45.81 -1.45 -3.18	44.47 -1.71 0.00	51.80 -1.86 -0.53	53.62 -1.73 -1.28	45.21 -1.73 5.53	39.86 -1.73 5.09	36.31 -1.50 0.60	32.03 -1.37 -0.02
SMITHTWN_69_KV_BK 1 55830	36.23 1.82 0.00	33.99 1.77 0.00	32.31 1.63 0.00	31.30 1.63 0.00	31.00 1.31 0.00	34.13 1.47 0.00	46.87 1.54 0.00	56.67 2.07 0.00	50.73 1.95 0.00	43.77 2.67 0.00	44.05 3.03 -0.07	39.44 2.72 -0.01	38.74 2.67 -0.01	38.98 2.84 -0.68	40.18 2.87 -0.01	48.82 3.34 -5.29	52.19 3.66 -4.45	52.50 3.74 -2.58	57.07 3.93 -0.01	58.35 3.95 -0.33	56.21 3.73 -0.01	50.28 3.59 -0.01	41.59 3.19 0.00	35.82 2.44 0.00
SOUTH CAIRO__GT 23612	36.09 1.69 0.00	33.86 1.64 0.00	32.25 1.56 0.00	31.18 1.51 0.00	31.15 1.46 0.00	34.42 1.76 0.00	47.82 2.49 0.00	57.70 3.11 0.00	51.17 2.39 0.00	42.45 1.36 0.00	42.01 1.06 0.00	37.49 0.77 0.00	36.71 0.65 0.00	36.21 0.74 0.00	38.15 0.86 0.00	41.20 1.00 0.00	45.45 1.37 0.00	47.84 1.66 0.00	55.41 2.28 0.00	56.67 2.60 0.00	55.09 2.62 0.00	48.96 2.29 0.00	40.09 1.69 0.00	34.92 1.54 0.00
SOUTH HAMPTN__IC 23720	36.54 2.13 0.00	34.34 2.13 0.00	32.65 1.97 0.00	31.48 1.81 0.00	31.39 1.69 0.00	34.35 1.70 0.00	47.10 1.77 0.00	56.94 2.35 0.00	50.98 2.20 0.00	43.81 2.71 0.00	44.62 3.60 -0.07	39.92 3.19 -0.01	39.18 3.10 -0.01	39.44 3.30 -0.68	40.66 3.36 -0.01	49.29 3.82 -5.27	52.56 4.05 -4.43	52.76 4.02 -2.57	57.60 4.46 -0.01	58.84 4.43 -0.33	56.68 4.20 -0.01	50.89 4.20 -0.01	42.09 3.69 0.00	36.25 2.87 0.00
SOUTHDOWN_115KV_TB1 355954	32.41 -2.00 0.00	30.18 -2.03 0.00	28.29 -2.39 0.00	27.21 -2.46 0.00	27.05 -2.64 0.00	26.13 -2.91 3.62	30.54 -4.17 10.61	37.38 -4.69 12.52	31.76 -4.49 12.54	25.44 -3.12 12.53	25.60 -3.19 12.15	26.30 -2.75 7.67	25.72 -2.92 7.42	25.96 -3.16 6.35	25.39 -3.58 8.33	22.21 -4.06 13.92	22.91 -4.10 17.07	34.61 -4.94 6.62	36.39 -5.58 11.16	39.96 -5.19 8.92	33.30 -5.30 13.88	27.57 -5.09 14.02	30.00 -4.38 4.02	29.29 -3.97 0.12
SOUTHOLD_69_KV_BK 2 55809	36.91 2.51 0.00	34.73 2.51 0.00	32.98 2.30 0.00	32.01 2.34 0.00	31.68 1.99 0.00	34.71 2.06 0.00	47.64 2.31 0.00	57.54 2.95 0.00	51.61 2.83 0.00	44.71 3.62 -0.07	45.15 4.14 -0.01	40.36 3.63 -0.01	39.57 3.50 -0.01	39.83 3.69 -0.68	41.07 3.77 -0.01	49.77 4.30 -5.27	53.14 4.63 -4.43	53.45 4.71 -2.57	58.24 5.10 -0.01	59.65 5.24 -0.33	57.41 4.93 -0.01	51.45 4.76 -0.01	42.55 4.15 0.00	36.59 3.20 0.00
SOUTHOLD__IC 23719	36.91 2.51 0.00	34.73 2.51 0.00	32.99 2.30 0.00	31.81 2.14 0.00	31.68 1.99 0.00	34.72 2.06 0.00	47.69 2.36 0.00	57.65 3.06 0.00	51.61 2.83 0.00	44.34 3.25 -0.07	45.15 4.13 -0.01	40.36 3.64 -0.01	39.57 3.50 -0.01	39.83 3.69 -0.68	41.04 3.73 -0.01	49.77 4.30 -5.27	53.14 4.63 -4.43	53.41 4.66 -2.57	58.35 5.21 -0.01	59.64 5.24 -0.33	57.41 4.93 -0.01	51.45 4.76 -0.01	42.55 4.15 0.00	36.59 3.21 0.00
SOUTH_FORK_WT_PWR 323839	36.98 2.58 0.00	34.76 2.54 0.00	33.01 2.33 0.00	31.83 2.16 0.00	31.71 2.02 0.00	34.75 2.09 0.00	47.73 2.40 0.00	57.70 3.11 0.00	51.66 2.88 0.00	44.39 3.29 0.00	45.20 4.18 -0.07	40.40 3.67 -0.01	39.61 3.54 -0.01	39.86 3.72 -0.68	41.11 3.81 -0.01	49.81 4.34 -5.27	53.18 4.67 -4.43	53.46 4.71 -2.57	58.40 5.26 -0.01	59.70 5.30 -0.33	57.47 4.99 -0.01	51.49 4.81 -0.01	42.59 4.19 0.00	36.66 3.27 0.00
SPIERFLS_115KV_TB 1 80737	35.81 1.41 0.00	33.54 1.32 0.00	31.94 1.26 0.00	30.97 1.31 0.00	31.00 1.31 0.00	34.22 1.57 0.00	47.91 2.58 0.00	57.81 3.22 0.00	51.51 2.73 0.00	42.95 1.85 0.00	42.58 1.64 0.00	38.11 1.40 0.00	37.29 1.23 0.00	36.46 0.99 0.00	38.38 1.08 0.00	41.72 1.53 0.00	45.84 1.76 0.00	48.16 1.99 0.00	55.73 2.60 0.00	57.10 3.03 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.13 1.73 0.00	34.85 1.47 0.00

ST LAWRENCE____ 23600	34.47 0.07 0.00	32.25 0.03 0.00	30.78 0.09 0.00	29.76 0.09 0.00	29.87 0.18 0.00	32.69 0.03 0.00	45.19 -0.14 0.00	54.15 -0.44 0.00	48.64 -0.15 0.00	41.06 -0.04 0.00	40.82 -0.12 0.00	36.61 -0.11 0.00	35.99 -0.07 0.00	35.39 -0.07 0.00	37.30 0.00 0.00	40.16 -0.04 0.00	43.77 -0.31 0.00	45.76 -0.42 0.00	52.60 -0.53 0.00	53.42 -0.65 0.00	51.89 -0.58 0.00	46.30 -0.38 0.00	38.17 -0.23 0.00	33.22 -0.17 0.00
STATE_CA_115KV_115_LB 55624	35.37 0.96 0.00	33.15 0.93 0.00	31.60 0.92 0.00	30.59 0.92 0.00	30.61 0.92 0.00	33.77 1.11 0.00	46.96 1.63 0.00	56.61 2.02 0.00	50.44 1.66 0.00	42.25 1.15 0.00	42.09 1.15 0.00	37.74 1.03 0.00	37.07 1.01 0.00	36.35 0.89 0.00	38.19 0.90 0.00	41.32 1.13 0.00	45.36 1.28 0.00	47.66 1.48 0.00	54.94 1.81 0.00	55.96 1.89 0.00	54.25 1.78 0.00	48.31 1.63 0.00	39.71 1.31 0.00	34.59 1.20 0.00
STATE_ST_34_KV_LOAD 55959	34.13 -0.28 0.00	31.96 -0.26 0.00	30.35 -0.34 0.00	29.34 -0.33 0.00	29.37 -0.33 0.00	32.80 -0.36 -0.50	46.41 -0.36 -1.45	55.81 -0.49 -1.71	50.05 -0.44 -1.71	42.84 -0.21 -1.95	42.59 -0.25 -1.89	37.61 -0.29 -1.19	36.79 -0.32 -1.05	35.97 -0.35 -0.86	38.02 -0.37 -1.10	41.56 -0.48 -1.85	45.95 -0.40 -2.27	46.57 -0.46 -0.85	53.81 -0.37 -1.06	54.08 -0.22 -0.23	48.25 -0.26 3.96	42.87 -0.33 3.48	37.96 -0.35 0.10	32.99 -0.40 0.00
STATION_5_MISC_HYD 23604	33.03 -1.38 0.00	30.92 -1.29 0.00	29.24 -1.44 0.00	28.24 -1.42 0.00	28.27 -1.42 0.00	31.95 -1.63 -0.93	45.79 -2.27 -2.72	55.13 -2.67 -3.21	50.09 -1.90 -3.21	42.68 -1.56 -3.15	42.48 -1.51 -3.05	37.28 -1.36 -1.93	35.72 -1.37 -1.03	35.79 -1.31 -1.63	38.06 -1.38 -2.14	41.97 -1.81 -3.59	46.58 -1.89 -4.40	43.83 -2.35 0.00	51.53 -2.65 -1.06	54.11 -2.49 -2.53	43.30 -2.36 6.81	38.03 -2.38 6.26	35.60 -2.07 0.73	31.58 -1.84 -0.03
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.44 -0.96 0.00	31.28 -0.93 0.00	29.64 -1.04 0.00	28.60 -1.07 0.00	28.68 -1.01 0.00	32.40 -1.18 -0.92	46.46 -1.54 -2.67	56.00 -1.75 -3.15	50.52 -1.41 -3.15	43.36 -1.03 -3.29	43.11 -1.02 -3.19	37.77 -0.95 -2.01	36.17 -0.97 -1.08	36.11 -0.96 -1.60	38.36 -1.01 -2.07	42.34 -1.33 -3.47	46.97 -1.37 -4.25	44.56 -1.62 0.00	52.02 -1.70 -0.59	53.86 -1.62 -1.41	44.42 -1.57 6.47	39.13 -1.59 5.96	36.29 -1.42 0.70	32.10 -1.30 -0.02
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.89 -1.51 0.00	30.80 -1.42 0.00	29.12 -1.56 0.00	28.10 -1.57 0.00	28.15 -1.54 0.00	31.77 -1.76 -0.88	45.45 -2.45 -2.57	55.00 -2.62 -3.03	49.67 -2.15 -3.04	42.37 -1.73 -2.99	42.17 -1.68 -2.90	37.04 -1.51 -1.83	35.56 -1.48 -0.98	35.59 -1.42 -1.54	37.83 -1.49 -2.02	41.65 -1.93 -3.38	46.20 -2.03 -4.15	43.73 -2.45 0.00	51.36 -2.45 -0.94	53.68 -2.65 -2.26	43.34 -2.52 6.62	38.11 -2.47 6.09	35.50 -2.19 0.71	31.51 -1.90 -0.03
STA_56____34_KV_BUS2 355983	32.89 -1.51 0.00	30.80 -1.42 0.00	29.12 -1.56 0.00	28.10 -1.57 0.00	28.15 -1.54 0.00	31.77 -1.76 -0.88	45.45 -2.45 -2.57	55.00 -2.62 -3.03	49.67 -2.15 -3.04	42.37 -1.73 -2.99	42.17 -1.68 -2.90	37.04 -1.51 -1.83	35.56 -1.48 -0.98	35.59 -1.42 -1.54	37.83 -1.49 -2.02	41.65 -1.93 -3.38	46.20 -2.03 -4.15	43.73 -2.45 0.00	51.36 -2.45 -0.94	53.68 -2.65 -2.26	43.34 -2.52 6.62	38.11 -2.47 6.09	35.50 -2.19 0.71	31.51 -1.90 -0.03
STA_67____115KV_BK2 355882	32.96 -1.44 0.00	30.86 -1.35 0.00	29.18 -1.50 0.00	28.15 -1.51 0.00	28.21 -1.48 0.00	31.88 -1.70 -0.93	45.68 -2.36 -2.71	55.22 -2.57 -3.20	49.89 -2.10 -3.20	42.59 -1.64 -3.13	42.35 -1.64 -3.04	37.16 -1.47 -1.92	35.64 -1.44 -1.02	35.67 -1.42 -1.63	37.98 -1.45 -2.14	41.88 -1.89 -3.57	46.48 -1.98 -4.38	43.73 -2.45 0.00	51.47 -2.71 -1.05	53.94 -2.65 -2.52	43.15 -2.52 6.80	37.94 -2.47 6.26	35.52 -2.15 0.73	31.54 -1.87 -0.03
STA_7____115KV_9TRANS 80674	33.16 -1.24 0.00	31.05 -1.16 0.00	29.33 -1.35 0.00	28.30 -1.36 0.00	28.36 -1.34 0.00	32.05 -1.53 -0.92	45.90 -2.13 -2.70	55.60 -2.18 -3.19	50.22 -1.76 -3.19	42.86 -1.36 -3.12	42.62 -1.35 -3.03	37.45 -1.17 -1.91	35.89 -1.19 -1.02	35.95 -1.13 -1.62	38.23 -1.19 -2.13	42.15 -1.61 -3.56	46.77 -1.68 -4.37	44.06 -2.12 0.00	51.89 -2.28 -1.05	54.36 -2.22 -2.51	43.57 -2.10 6.80	38.27 -2.15 6.26	35.75 -1.92 0.73	31.71 -1.70 -0.03
STA_82____115KV_TB1 80780	32.96 -1.44 0.00	30.83 -1.39 0.00	29.18 -1.50 0.00	28.15 -1.51 0.00	28.21 -1.48 0.00	31.92 -1.70 -0.96	45.73 -2.40 -2.81	55.28 -2.62 -3.31	49.95 -2.15 -3.31	42.66 -1.68 -3.25	42.41 -1.68 -3.15	37.20 -1.51 -1.99	35.64 -1.48 -1.06	35.69 -1.45 -1.68	38.01 -1.49 -2.21	41.96 -1.93 -3.70	46.58 -2.03 -4.53	43.64 -2.54 0.00	51.46 -2.76 -1.09	53.98 -2.70 -2.61	43.05 -2.57 6.85	37.85 -2.52 6.30	35.48 -2.19 0.74	31.51 -1.90 -0.03
STEEL____WIND 323596	31.72 -2.68 0.00	29.64 -2.58 0.00	27.89 -2.79 0.00	26.94 -2.73 0.00	26.84 -2.85 0.00	25.53 -3.30 3.83	29.21 -4.90 11.23	35.84 -5.51 13.24	30.65 -4.88 13.26	24.27 -3.66 13.17	24.54 -3.64 12.76	25.39 -3.27 8.05	24.75 -3.32 8.00	25.27 -3.47 6.72	24.74 -3.73 8.83	21.10 -4.34 14.75	21.50 -4.50 18.08	33.40 -5.40 7.38	34.52 -6.27 12.34	38.35 -6.00 9.72	33.78 -5.83 12.86	28.09 -5.37 13.22	29.71 -4.49 4.20	29.21 -4.04 0.14
STEPHTWN_115KV_BK_2 55603	35.57 1.17 0.00	33.34 1.13 0.00	31.76 1.07 0.00	30.74 1.07 0.00	30.79 1.10 0.00	33.96 1.31 0.00	47.28 1.95 0.00	57.00 2.40 0.00	50.78 2.00 0.00	42.49 1.40 0.00	42.26 1.31 0.00	37.89 1.17 0.00	37.18 1.12 0.00	36.46 0.99 0.00	38.34 1.04 0.00	41.48 1.29 0.00	45.58 1.50 0.00	47.89 1.71 0.00	55.25 2.13 0.00	56.34 2.27 0.00	54.62 2.15 0.00	48.59 1.91 0.00	39.94 1.54 0.00	34.75 1.37 0.00
STEBEN_REC_LFGE 323667	33.16 -1.24 0.00	30.89 -1.32 0.00	29.15 -1.53 0.00	28.04 -1.63 0.00	28.06 -1.63 0.00	37.75 -2.06 -7.15	62.38 -3.49 -20.54	74.34 -4.53 -24.28	68.90 -4.20 -24.31	66.44 -2.84 -28.18	65.35 -2.91 -27.31	51.12 -2.83 -17.23	49.84 -2.96 -16.73	44.59 -3.16 -12.29	49.43 -3.47 -15.60	62.09 -4.26 -26.15	71.89 -4.28 -32.09	58.03 -4.76 -16.61	67.58 -5.15 -19.60	51.21 -5.08 -2.22	24.96 -4.93 22.58	24.35 -4.67 17.66	38.39 -3.92 -3.91	29.77 -3.67 -0.06
STILLWATER____SOLAR 323814	35.61 1.20 0.00	33.34 1.13 0.00	31.79 1.10 0.00	30.77 1.10 0.00	30.82 1.13 0.00	34.00 1.34 0.00	47.46 2.13 0.00	57.21 2.62 0.00	50.93 2.14 0.00	42.53 1.44 0.00	42.26 1.31 0.00	37.82 1.10 0.00	37.07 1.01 0.00	36.28 0.82 0.00	38.19 0.89 0.00	41.44 1.25 0.00	45.53 1.45 0.00	47.93 1.75 0.00	55.36 2.23 0.00	56.56 2.49 0.00	54.73 2.25 0.00	48.64 1.96 0.00	39.98 1.58 0.00	34.75 1.37 0.00
STONY____BROOK 24151	36.19 1.79 0.00	33.95 1.74 0.00	32.28 1.59 0.00	31.15 1.48 0.00	31.00 1.31 0.00	34.09 1.44 0.00	46.82 1.49 0.00	56.72 2.13 0.00	50.68 1.90 0.00	43.48 2.38 0.00	44.05 3.03 -0.07	39.44 2.72 -0.01	38.74 2.67 -0.01	38.98 2.84 -0.68	40.14 2.83 -0.01	48.77 3.30 -5.28	52.14 3.62 -4.44	52.40 3.65 -2.57	57.13 3.99 -0.01	58.30 3.90 -0.33	56.15 3.67 -0.01	50.28 3.59 -0.01	41.55 3.15 0.00	35.82 2.44 0.00

STURGEON_POOL_HYD 23609	35.19 0.79 0.00	32.99 0.77 0.00	31.48 0.80 0.00	30.44 0.77 0.00	30.32 0.62 0.00	33.51 0.85 0.00	46.51 1.18 0.00	56.23 1.64 0.00	50.00 1.22 0.00	42.12 1.03 0.00	42.09 1.15 0.00	37.78 1.06 0.00	37.11 1.05 0.00	36.67 1.21 0.00	38.53 1.23 0.00	41.56 1.37 0.00	45.76 1.68 0.00	47.93 1.75 0.00	55.04 1.91 0.00	55.85 1.78 0.00	54.31 1.84 0.00	48.22 1.54 0.00	39.59 1.19 0.00	34.42 1.03 0.00
ST_LAW_115_BK7_LBMP 345037	34.51 0.10 0.00	32.25 0.03 0.00	30.78 0.09 0.00	29.76 0.09 0.00	29.87 0.18 0.00	32.72 0.07 0.00	45.19 -0.14 0.00	54.10 -0.49 0.00	48.64 -0.15 0.00	41.06 -0.04 0.00	40.82 -0.12 0.00	36.61 -0.11 0.00	35.99 -0.07 0.00	35.39 -0.07 0.00	37.30 0.00 0.00	40.16 -0.04 0.00	43.77 -0.31 0.00	45.76 -0.42 0.00	52.60 -0.53 0.00	53.37 -0.70 0.00	51.89 -0.58 0.00	46.30 -0.38 0.00	38.17 -0.23 0.00	33.25 -0.13 0.00
ST_LAW_115_BK8_LBMP 345038	34.51 0.10 0.00	32.25 0.03 0.00	30.78 0.09 0.00	29.76 0.09 0.00	29.87 0.18 0.00	32.72 0.07 0.00	45.19 -0.14 0.00	54.10 -0.49 0.00	48.64 -0.15 0.00	41.06 -0.04 0.00	40.82 -0.12 0.00	36.61 -0.11 0.00	35.99 -0.07 0.00	35.39 -0.07 0.00	37.30 0.00 0.00	40.16 -0.04 0.00	43.77 -0.31 0.00	45.76 -0.42 0.00	52.60 -0.53 0.00	53.37 -0.70 0.00	51.89 -0.58 0.00	46.30 -0.38 0.00	38.17 -0.23 0.00	33.25 -0.13 0.00
ST_LAW_230_BK5_LBMP 345035	34.47 0.07 0.00	32.25 0.03 0.00	30.78 0.09 0.00	29.76 0.09 0.00	29.87 0.18 0.00	32.69 0.03 0.00	45.19 -0.14 0.00	54.15 -0.44 0.00	48.64 -0.15 0.00	41.06 -0.04 0.00	40.82 -0.12 0.00	36.61 -0.11 0.00	35.99 -0.07 0.00	35.39 -0.07 0.00	37.30 0.00 0.00	40.16 -0.04 0.00	43.77 -0.31 0.00	45.76 -0.42 0.00	52.60 -0.53 0.00	53.42 -0.65 0.00	51.89 -0.58 0.00	46.30 -0.38 0.00	38.17 -0.23 0.00	33.22 -0.17 0.00
ST_LAW_230_BK6_LBMP 345036	34.47 0.07 0.00	32.25 0.03 0.00	30.78 0.09 0.00	29.76 0.09 0.00	29.87 0.18 0.00	32.69 0.03 0.00	45.19 -0.14 0.00	54.15 -0.44 0.00	48.64 -0.15 0.00	41.06 -0.04 0.00	40.82 -0.12 0.00	36.61 -0.11 0.00	35.99 -0.07 0.00	35.39 -0.07 0.00	37.30 0.00 0.00	40.16 -0.04 0.00	43.77 -0.31 0.00	45.76 -0.42 0.00	52.60 -0.53 0.00	53.42 -0.65 0.00	51.89 -0.58 0.00	46.30 -0.38 0.00	38.17 -0.23 0.00	33.22 -0.17 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.02 0.62 0.00	32.83 0.61 0.00	31.30 0.61 0.00	30.29 0.62 0.00	30.17 0.48 0.00	33.38 0.72 0.00	46.37 1.04 0.00	56.12 1.53 0.00	49.95 1.17 0.00	42.21 1.11 0.00	42.17 1.23 0.00	37.85 1.14 0.00	37.22 1.15 0.00	36.74 1.28 0.00	38.56 1.27 0.00	41.68 1.49 0.00	45.84 1.76 0.00	47.98 1.80 0.00	55.10 1.97 0.00	55.91 1.84 0.00	54.31 1.84 0.00	48.12 1.45 0.00	39.56 1.15 0.00	34.32 0.93 0.00
SWANROAD_115KV_TB1 355699	30.31 -4.09 0.00	28.74 -3.48 0.00	27.03 -3.65 0.00	26.02 -3.65 0.00	25.69 -4.01 0.00	24.42 -4.64 3.60	28.43 -6.30 10.60	34.88 -7.21 12.50	29.92 -6.34 12.52	23.38 -5.30 12.41	23.63 -5.28 12.03	24.37 -4.74 7.60	24.56 -4.58 6.92	24.60 -4.57 6.29	24.33 -4.74 8.23	21.34 -5.11 13.75	21.50 -5.73 16.85	33.99 -6.56 5.63	34.89 -7.60 10.65	36.16 -7.52 10.39	34.04 -7.24 11.19	28.88 -6.44 11.35	29.74 -5.30 3.36	28.19 -5.04 0.15
SYNERGY___BIOGAS 323694	32.54 -1.86 0.00	30.70 -1.51 0.00	28.84 -1.84 0.00	27.77 -1.90 0.00	27.67 -2.02 0.00	29.27 -2.29 1.10	38.93 -2.90 3.50	47.54 -2.95 4.11	42.18 -2.49 4.11	37.24 -2.18 1.67	37.07 -2.25 1.62	33.73 -1.98 1.01	32.14 -1.91 2.01	31.38 -1.95 2.14	32.11 -2.01 3.17	32.50 -2.41 5.28	35.01 -2.60 6.47	38.41 -3.97 3.79	41.07 -4.36 7.70	41.58 -4.22 8.27	38.90 -3.99 9.58	33.32 -3.83 9.53	32.62 -3.30 2.48	30.13 -3.14 0.11
SYRACUSE___ENERGY_ST1 323597	34.16 -0.24 0.00	31.99 -0.23 0.00	30.44 -0.25 0.00	29.43 -0.24 0.00	29.46 -0.24 0.00	32.36 -0.29 0.00	44.97 -0.36 0.00	54.16 -0.44 0.00	48.39 -0.39 0.00	40.89 -0.21 0.00	40.74 -0.20 0.00	36.50 -0.22 0.00	35.85 -0.22 0.00	35.22 -0.25 0.00	37.04 -0.26 0.00	39.84 -0.36 0.00	43.77 -0.31 0.00	45.81 -0.37 0.00	52.76 -0.37 0.00	53.80 -0.27 0.00	52.16 -0.31 0.00	46.35 -0.33 0.00	38.13 -0.27 0.00	33.08 -0.30 0.00
SYRACUSE___ENERGY_ST2 323598	34.16 -0.24 0.00	31.99 -0.23 0.00	30.44 -0.25 0.00	29.43 -0.24 0.00	29.46 -0.24 0.00	32.36 -0.29 0.00	44.97 -0.36 0.00	54.16 -0.44 0.00	48.39 -0.39 0.00	40.89 -0.21 0.00	40.74 -0.20 0.00	36.50 -0.22 0.00	35.85 -0.22 0.00	35.22 -0.25 0.00	37.04 -0.26 0.00	39.84 -0.36 0.00	43.77 -0.31 0.00	45.81 -0.37 0.00	52.76 -0.37 0.00	53.80 -0.27 0.00	52.16 -0.31 0.00	46.35 -0.33 0.00	38.13 -0.27 0.00	33.08 -0.30 0.00
SYRACUSE___POWER 24017	34.13 -0.28 0.00	31.92 -0.29 0.00	30.38 -0.31 0.00	29.34 -0.33 0.00	29.40 -0.30 0.00	32.30 -0.36 0.00	44.92 -0.41 0.00	54.10 -0.49 0.00	48.34 -0.44 0.00	40.85 -0.25 0.00	40.70 -0.25 0.00	36.46 -0.26 0.00	35.81 -0.25 0.00	35.18 -0.28 0.00	37.00 -0.30 0.00	39.79 -0.40 0.00	43.73 -0.35 0.00	45.76 -0.42 0.00	52.70 -0.43 0.00	53.75 -0.32 0.00	52.10 -0.37 0.00	46.30 -0.37 0.00	38.06 -0.35 0.00	33.02 -0.37 0.00
TALLMAN__138KV_BK151 55660	35.09 0.69 0.00	32.89 0.68 0.00	31.39 0.71 0.00	30.41 0.74 0.00	30.26 0.56 0.00	33.47 0.82 0.00	46.55 1.22 0.00	56.34 1.75 0.00	50.20 1.41 0.00	42.49 1.40 0.00	42.50 1.56 0.00	38.15 1.43 0.00	37.51 1.44 0.00	37.02 1.56 0.00	38.86 1.57 0.00	42.01 1.81 0.00	46.24 2.16 0.00	48.35 2.17 0.00	55.47 2.34 0.00	56.23 2.16 0.00	54.62 2.15 0.00	48.40 1.73 0.00	39.82 1.42 0.00	34.49 1.10 0.00
TEALLAVE_115KV_TB7 355573	34.02 -0.38 0.00	31.86 -0.35 0.00	30.32 -0.37 0.00	29.31 -0.36 0.00	29.34 -0.36 0.00	32.23 -0.42 0.00	44.83 -0.50 0.00	53.99 -0.60 0.00	48.25 -0.54 0.00	40.81 -0.29 0.00	40.66 -0.29 0.00	36.42 -0.29 0.00	35.78 -0.29 0.00	35.15 -0.32 0.00	36.96 -0.34 0.00	39.75 -0.44 0.00	43.64 -0.44 0.00	45.67 -0.51 0.00	52.60 -0.53 0.00	53.64 -0.43 0.00	51.95 -0.52 0.00	46.16 -0.51 0.00	37.98 -0.42 0.00	32.95 -0.43 0.00
TELGRAPH_34_KV_EAST 80808	31.55 -2.86 0.00	29.83 -2.38 0.00	28.01 -2.67 0.00	27.00 -2.67 0.00	26.78 -2.91 0.00	26.98 -3.36 2.31	33.67 -4.44 7.21	41.32 -4.80 8.47	36.16 -4.15 8.48	33.02 -3.53 4.55	32.98 -3.56 4.40	30.80 -3.16 2.75	29.23 -3.07 3.77	27.99 -3.09 4.39	27.74 -3.21 6.35	26.05 -3.58 10.57	27.21 -3.92 12.95	36.46 -5.13 4.59	33.60 -5.84 13.69	27.83 -5.73 20.51	36.73 -5.51 10.23	31.31 -5.09 10.28	31.29 -4.26 2.86	29.14 -3.97 0.27
TEMPLE___115KV_TB 2 55572	34.06 -0.34 0.00	31.89 -0.32 0.00	30.32 -0.37 0.00	29.31 -0.36 0.00	29.34 -0.36 0.00	32.23 -0.42 0.00	44.83 -0.50 0.00	53.99 -0.60 0.00	48.29 -0.49 0.00	40.81 -0.29 0.00	40.70 -0.25 0.00	36.46 -0.26 0.00	35.78 -0.29 0.00	35.18 -0.28 0.00	36.96 -0.34 0.00	39.79 -0.40 0.00	43.68 -0.40 0.00	45.67 -0.51 0.00	52.60 -0.53 0.00	53.64 -0.43 0.00	51.95 -0.52 0.00	46.16 -0.51 0.00	37.98 -0.42 0.00	32.95 -0.43 0.00

TIANA___69_KV_BK 1 55817	36.43 2.03 0.00	34.24 2.03 0.00	32.56 1.87 0.00	31.60 1.93 0.00	31.30 1.60 0.00	34.26 1.60 0.00	46.92 1.59 0.00	56.67 2.07 0.00	50.83 2.05 0.00	44.02 2.92 0.00	44.46 3.44 -0.07	39.81 3.08 -0.01	39.07 2.99 -0.01	39.33 3.19 -0.68	40.51 3.21 -0.01	49.16 3.70 -5.27	52.43 3.92 -4.43	52.67 3.93 -2.57	57.34 4.20 -0.01	58.67 4.27 -0.33	56.52 4.04 -0.01	50.70 4.01 -0.01	41.98 3.57 0.00	36.15 2.77 0.00
TILDEN___115KV_TB1 80814	34.13 -0.28 0.00	31.92 -0.29 0.00	30.38 -0.31 0.00	29.34 -0.33 0.00	29.40 -0.30 0.00	32.30 -0.36 0.00	44.92 -0.41 0.00	54.10 -0.49 0.00	48.34 -0.44 0.00	40.85 -0.25 0.00	40.70 -0.25 0.00	36.46 -0.26 0.00	35.81 -0.25 0.00	35.18 -0.28 0.00	37.00 -0.30 0.00	39.79 -0.40 0.00	43.73 -0.35 0.00	45.76 -0.42 0.00	52.70 -0.43 0.00	53.75 -0.32 0.00	52.10 -0.37 0.00	46.30 -0.37 0.00	38.06 -0.35 0.00	33.02 -0.37 0.00
TRIGEN___CC 323695	35.71 1.31 0.00	33.50 1.29 0.00	31.88 1.20 0.00	30.85 1.19 0.00	30.61 0.92 0.00	33.83 1.18 0.00	46.55 1.22 0.00	56.39 1.80 0.00	50.39 1.61 0.00	43.15 2.05 0.00	43.24 2.17 -0.12	38.79 2.06 -0.02	38.14 2.06 -0.02	38.71 2.16 -1.08	39.48 2.16 -0.02	51.05 2.49 -8.37	54.51 2.78 -7.65	53.48 2.86 -4.44	56.17 3.03 -0.02	57.51 2.87 -0.57	55.32 2.83 -0.02	49.21 2.52 -0.02	40.78 2.38 0.00	35.25 1.87 0.00
TRINITY___115KV___4 BK 55933	35.26 0.86 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.53 0.83 0.00	33.67 1.01 0.00	46.78 1.45 0.00	56.34 1.75 0.00	50.20 1.41 0.00	42.08 0.99 0.00	41.93 0.98 0.00	37.60 0.88 0.00	36.93 0.87 0.00	36.21 0.74 0.00	38.08 0.78 0.00	41.12 0.92 0.00	45.18 1.10 0.00	47.47 1.29 0.00	54.72 1.59 0.00	55.75 1.68 0.00	54.05 1.57 0.00	48.17 1.49 0.00	39.59 1.19 0.00	34.49 1.10 0.00
UNION___PROCESSING_DRP 323587	32.96 -1.44 0.00	30.86 -1.35 0.00	29.18 -1.50 0.00	28.15 -1.51 0.00	28.21 -1.48 0.00	31.90 -1.70 -0.94	45.69 -2.40 -2.76	55.28 -2.57 -3.26	49.95 -2.10 -3.26	42.59 -1.68 -3.17	42.34 -1.68 -3.08	37.19 -1.47 -1.94	35.62 -1.48 -1.03	35.71 -1.42 -1.66	37.98 -1.49 -2.18	41.91 -1.93 -3.65	46.52 -2.03 -4.47	43.69 -2.49 0.00	51.50 -2.76 -1.13	54.07 -2.70 -2.71	43.04 -2.57 6.86	37.84 -2.52 6.31	35.48 -2.19 0.74	31.51 -1.90 -0.03
UPPER HUDSON___HYD 24058	35.81 1.41 0.00	33.54 1.32 0.00	31.94 1.26 0.00	30.97 1.30 0.00	31.00 1.31 0.00	34.22 1.57 0.00	47.91 2.58 0.00	57.87 3.28 0.00	51.51 2.73 0.00	42.95 1.85 0.00	42.59 1.64 0.00	38.11 1.39 0.00	37.29 1.23 0.00	36.46 0.99 0.00	38.38 1.08 0.00	41.72 1.53 0.00	45.85 1.77 0.00	48.16 1.98 0.00	55.73 2.60 0.00	57.10 3.03 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.13 1.73 0.00	34.85 1.47 0.00
UPPER RAQUET___HYD 24056	34.71 0.31 0.00	32.41 0.19 0.00	30.93 0.24 0.00	29.88 0.21 0.00	30.11 0.42 0.00	32.95 0.29 0.00	45.56 0.23 0.00	54.38 -0.22 0.00	48.78 0.00 0.00	41.18 0.08 0.00	40.82 -0.12 0.00	36.57 -0.15 0.00	35.96 -0.11 0.00	35.36 -0.11 0.00	37.37 0.07 0.00	40.12 -0.08 0.00	43.29 -0.79 0.00	45.30 -0.88 0.00	52.23 -0.90 0.00	53.31 -0.76 0.00	51.63 -0.84 0.00	46.35 -0.32 0.00	38.25 -0.15 0.00	33.35 -0.03 0.00
VALLEY44_115KV_TB2 355964	32.44 -1.96 0.00	30.31 -1.90 0.00	28.51 -2.18 0.00	27.53 -2.14 0.00	27.47 -2.23 0.00	26.88 -2.32 3.46	31.69 -3.49 10.15	38.42 -4.20 11.97	32.90 -3.90 11.98	26.97 -2.18 11.95	27.15 -2.21 11.59	27.42 -1.98 7.31	27.05 -2.09 6.92	26.95 -2.45 6.07	26.38 -2.95 7.97	23.59 -3.30 13.32	24.54 -3.22 16.32	36.51 -3.69 5.98	38.67 -4.20 10.26	41.56 -4.00 8.51	34.29 -3.88 14.29	28.80 -3.59 14.28	31.55 -3.03 3.82	30.43 -2.84 0.12
VALLEY___115KV_TB 1-4 80826	34.54 0.14 0.00	32.31 0.10 0.00	30.71 0.03 0.00	29.61 -0.06 0.00	29.55 -0.15 0.00	32.46 -0.20 0.00	45.06 -0.27 0.00	54.21 -0.38 0.00	48.44 -0.34 0.00	40.73 -0.37 0.00	40.66 -0.29 0.00	36.50 -0.22 0.00	35.88 -0.18 0.00	35.25 -0.21 0.00	37.04 -0.26 0.00	39.92 -0.28 0.00	43.77 -0.31 0.00	45.90 -0.28 0.00	52.92 -0.21 0.00	53.91 -0.16 0.00	52.26 -0.21 0.00	46.44 -0.23 0.00	38.13 -0.27 0.00	33.12 -0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.19 0.79 0.00	32.96 0.74 0.00	31.33 0.64 0.00	30.26 0.59 0.00	30.35 0.65 0.00	33.41 0.75 0.00	46.60 1.27 0.00	56.18 1.58 0.00	50.25 1.46 0.00	42.25 1.15 0.00	42.13 1.19 0.00	37.74 1.03 0.00	37.00 0.94 0.00	36.42 0.96 0.00	38.30 1.01 0.00	41.32 1.13 0.00	45.36 1.28 0.00	47.52 1.34 0.00	54.88 1.75 0.00	55.96 1.89 0.00	58.67 1.73 0.00	52.18 1.40 -4.46	39.88 1.00 -4.11	34.22 0.83 -0.48
VISCHER___FERRY HYD 24020	35.30 0.89 0.00	33.05 0.84 0.00	31.51 0.83 0.00	30.50 0.83 0.00	30.58 0.89 0.00	33.73 1.08 0.00	46.96 1.63 0.00	56.50 1.91 0.00	50.30 1.51 0.00	42.08 0.98 0.00	41.89 0.94 0.00	37.56 0.85 0.00	36.89 0.83 0.00	36.14 0.67 0.00	38.00 0.71 0.00	41.08 0.88 0.00	45.14 1.06 0.00	47.56 1.38 0.00	54.83 1.70 0.00	55.91 1.84 0.00	54.10 1.63 0.00	48.21 1.54 0.00	39.67 1.27 0.00	34.55 1.17 0.00
V_A_10_SYNC_DSASP 323832	31.24 -3.17 0.00	29.15 -3.06 0.00	27.46 -3.22 0.00	26.49 -3.17 0.00	26.55 -3.15 0.00	25.59 -3.72 3.34	30.14 -5.35 9.84	36.82 -6.17 11.61	31.79 -5.37 11.63	25.35 -4.36 11.39	25.60 -4.30 11.04	25.86 -3.89 6.97	26.31 -3.82 5.94	25.83 -3.76 5.88	25.69 -3.88 7.73	22.73 -4.54 12.92	23.35 -4.89 15.84	35.91 -5.86 4.40	37.74 -6.75 8.64	38.55 -6.65 8.87	36.08 -6.45 9.94	30.87 -5.83 9.97	30.82 -4.84 2.75	29.06 -4.21 0.11
V_CMM_10_SYNC_DSASP 323787	34.64 0.24 0.00	32.41 0.19 0.00	30.93 0.25 0.00	29.88 0.21 0.00	30.02 0.33 0.00	32.85 0.20 0.00	45.38 0.05 0.00	54.10 -0.49 0.00	48.83 0.05 0.00	41.30 0.21 0.00	41.03 0.08 0.00	36.79 0.07 0.00	36.21 0.14 0.00	35.61 0.14 0.00	37.52 0.22 0.00	40.40 0.20 0.00	43.99 -0.09 0.00	45.95 -0.23 0.00	52.55 -0.58 0.00	53.42 -0.65 0.00	52.10 -0.37 0.00	46.54 -0.14 0.00	38.37 -0.04 0.00	33.42 0.03 0.00
V_CMP_10_SYNC_DSASP 323788	34.92 0.52 0.00	32.60 0.39 0.00	31.11 0.43 0.00	30.08 0.42 0.00	30.23 0.53 0.00	33.05 0.39 0.00	45.28 -0.05 0.00	53.94 -0.66 0.00	48.78 0.00 0.00	41.30 0.21 0.00	40.99 0.04 0.00	36.75 0.04 0.00	36.14 0.07 0.00	35.54 0.07 0.00	37.52 0.22 0.00	40.48 0.28 0.00	44.08 0.00 0.00	45.99 -0.18 0.00	52.33 -0.80 0.00	53.37 -0.70 0.00	51.84 -0.63 0.00	46.58 -0.09 0.00	38.29 -0.12 0.00	33.28 -0.10 0.00
V_D_10_SYNC_DSASP 323841	34.95 0.55 0.00	32.63 0.42 0.00	31.17 0.49 0.00	30.11 0.45 0.00	30.32 0.62 0.00	33.15 0.49 0.00	45.78 0.45 0.00	54.76 0.16 0.00	49.22 0.44 0.00	41.63 0.53 0.00	41.31 0.37 0.00	37.08 0.37 0.00	36.46 0.40 0.00	35.85 0.39 0.00	37.82 0.52 0.00	40.72 0.52 0.00	44.17 0.09 0.00	46.13 -0.05 0.00	52.92 -0.21 0.00	54.07 0.00 0.00	52.42 -0.05 0.00	46.86 0.19 0.00	38.67 0.27 0.00	33.68 0.30 0.00

V_E_10_SYNC_DSASP 323830	35.71 1.31 0.00	33.37 1.16 0.00	31.60 0.92 0.00	30.44 0.77 0.00	30.56 0.86 0.00	33.49 0.88 0.05	46.76 1.59 0.16	56.10 1.69 0.18	49.96 1.37 0.19	41.92 0.82 0.00	41.56 0.61 0.00	37.19 0.48 0.00	36.83 0.32 -0.44	35.68 0.32 0.10	37.55 0.41 0.15	40.39 0.44 0.25	44.48 0.71 0.31	48.27 1.06 -1.03	56.15 1.75 -1.27	56.67 2.33 -0.28	56.85 1.99 -2.39	50.42 1.35 -2.39	39.90 0.84 -0.65	34.12 0.73 -0.01
V_F_30_NSYNC_DSASP 323816	35.64 1.24 0.00	33.37 1.16 0.00	31.82 1.14 0.00	30.80 1.13 0.00	30.85 1.16 0.00	34.03 1.37 0.00	47.51 2.18 0.00	57.27 2.68 0.00	51.03 2.24 0.00	42.62 1.52 0.00	42.30 1.35 0.00	37.89 1.17 0.00	37.15 1.08 0.00	36.35 0.89 0.00	38.27 0.97 0.00	41.52 1.33 0.00	45.62 1.54 0.00	47.93 1.75 0.00	55.41 2.28 0.00	56.61 2.54 0.00	54.78 2.31 0.00	48.68 2.01 0.00	39.98 1.57 0.00	34.75 1.37 0.00
V_F_30_SYNC_DSASP 323786	35.37 0.96 0.00	33.15 0.93 0.00	31.60 0.92 0.00	30.59 0.92 0.00	30.61 0.92 0.00	33.77 1.11 0.00	46.96 1.63 0.00	56.61 2.02 0.00	50.44 1.66 0.00	42.25 1.15 0.00	42.09 1.15 0.00	37.74 1.03 0.00	37.07 1.01 0.00	36.35 0.89 0.00	38.19 0.90 0.00	41.28 1.09 0.00	45.36 1.28 0.00	47.66 1.48 0.00	54.94 1.81 0.00	55.96 1.89 0.00	54.25 1.78 0.00	48.31 1.63 0.00	39.71 1.31 0.00	34.59 1.20 0.00
V_XM_10_SYNC_DSASP 323789	34.92 0.52 0.00	32.60 0.39 0.00	31.11 0.43 0.00	30.08 0.42 0.00	30.23 0.53 0.00	33.05 0.39 0.00	45.28 -0.05 0.00	53.94 -0.66 0.00	48.78 0.00 0.00	41.30 0.21 0.00	40.99 0.04 0.00	36.75 0.04 0.00	36.14 0.07 0.00	35.54 0.07 0.00	37.52 0.22 0.00	40.48 0.28 0.00	44.08 0.00 0.00	45.99 -0.18 0.00	52.33 -0.80 -0.70	53.37 -0.70 0.00	51.84 -0.63 0.00	46.58 -0.09 0.00	38.29 -0.12 0.00	33.28 -0.10 0.00
W.BABYLN_69_KV_BK1 56697	36.33 1.93 0.00	34.05 1.84 0.00	32.37 1.69 0.00	31.33 1.66 0.00	31.03 1.34 0.00	34.26 1.60 0.00	47.05 1.72 0.00	56.94 2.35 0.00	50.93 2.15 0.00	43.85 2.75 0.00	44.05 3.03 -0.08	39.44 2.72 -0.01	38.78 2.70 -0.01	39.03 2.84 -0.72	40.18 2.87 -0.01	49.13 3.30 -5.64	52.60 3.70 -4.81	52.76 3.79 -2.79	57.18 4.04 -0.01	58.49 4.06 -0.36	56.36 3.88 -0.01	50.28 3.59 -0.01	41.59 3.19 0.00	35.85 2.47 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.19 0.79 0.00	32.99 0.77 0.00	31.48 0.80 0.00	30.47 0.80 0.00	30.35 0.65 0.00	33.57 0.91 0.00	46.69 1.36 0.00	56.50 1.91 0.00	50.34 1.56 0.00	42.58 1.48 0.00	42.58 1.64 0.00	38.26 1.54 0.00	37.58 1.51 0.00	37.13 1.67 0.00	38.97 1.68 0.00	42.13 1.93 0.00	46.33 2.25 0.00	48.49 2.31 0.00	55.63 2.50 0.00	56.40 2.33 0.00	54.78 2.31 0.00	48.54 1.87 0.00	39.90 1.50 0.00	34.59 1.20 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.43 1.03 0.00	33.21 1.00 0.00	31.70 1.01 0.00	30.68 1.01 0.00	30.53 0.83 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.94 2.35 0.00	50.78 2.00 0.00	43.03 1.93 0.00	43.08 2.13 0.00	38.70 1.98 0.00	38.05 1.98 0.00	37.56 2.09 0.00	39.42 2.13 0.00	42.65 2.45 0.00	46.95 2.87 0.00	49.04 2.86 0.00	56.21 3.08 0.00	56.94 2.87 0.00	55.25 2.78 0.00	49.01 2.33 0.00	40.32 1.92 0.00	34.92 1.54 0.00
W50THST__13_KV_LOAD 356117	35.54 1.14 0.00	33.31 1.10 0.00	31.79 1.10 0.00	30.77 1.10 0.00	30.61 0.92 0.00	33.86 1.21 0.00	47.19 1.86 0.00	57.16 2.57 0.00	50.98 2.20 0.00	43.24 2.14 0.00	43.28 2.33 0.00	38.88 2.17 0.00	38.23 2.16 0.00	37.74 2.27 0.00	39.61 2.31 0.00	42.85 2.65 0.00	47.12 3.04 0.00	49.27 3.09 0.00	56.42 3.29 0.00	57.15 3.08 0.00	55.46 2.99 0.00	49.15 2.47 0.00	40.48 2.07 0.00	35.02 1.64 0.00
WADING RIVER_IC_1 23522	36.16 1.75 0.00	34.02 1.80 0.00	32.31 1.63 0.00	31.18 1.51 0.00	31.09 1.40 0.00	33.96 1.31 0.00	46.46 1.13 0.00	56.23 1.64 0.00	50.34 1.56 0.00	43.27 2.18 0.00	44.13 3.11 -0.07	39.55 2.83 -0.01	38.81 2.74 -0.01	39.08 2.94 -0.68	40.25 2.95 -0.01	48.84 3.38 -5.27	51.99 3.48 -4.43	52.16 3.42 -2.56	56.91 3.77 -0.01	58.08 3.68 -0.33	55.94 3.46 -0.01	50.33 3.64 -0.01	41.71 3.30 0.00	35.95 2.57 0.00
WADING RIVER_IC_2 23547	36.16 1.75 0.00	34.02 1.80 0.00	32.31 1.63 0.00	31.18 1.51 0.00	31.09 1.40 0.00	33.96 1.31 0.00	46.46 1.13 0.00	56.23 1.64 0.00	50.34 1.56 0.00	43.27 2.18 0.00	44.13 3.11 -0.07	39.55 2.83 -0.01	38.81 2.74 -0.01	39.08 2.94 -0.68	40.25 2.95 -0.01	48.84 3.38 -5.27	51.99 3.48 -4.43	52.16 3.42 -2.56	56.91 3.77 -0.01	58.08 3.68 -0.33	55.94 3.46 -0.01	50.33 3.64 -0.01	41.71 3.30 0.00	35.95 2.57 0.00
WADING RIVER_IC_3 23601	36.16 1.75 0.00	34.02 1.80 0.00	32.31 1.63 0.00	31.18 1.51 0.00	31.09 1.40 0.00	33.96 1.31 0.00	46.46 1.13 0.00	56.23 1.64 0.00	50.34 1.56 0.00	43.27 2.18 0.00	44.13 3.11 -0.07	39.55 2.83 -0.01	38.81 2.74 -0.01	39.08 2.94 -0.68	40.25 2.95 -0.01	48.84 3.38 -5.27	51.99 3.48 -4.43	52.16 3.42 -2.56	56.91 3.77 -0.01	58.08 3.68 -0.33	55.94 3.46 -0.01	50.33 3.64 -0.01	41.71 3.30 0.00	35.95 2.57 0.00
WALDENNY_12_KV_BK2 80841	31.58 -2.82 0.00	29.57 -2.64 0.00	27.83 -2.85 0.00	26.79 -2.88 0.00	26.72 -2.97 0.00	25.43 -3.43 3.80	29.24 -4.94 11.15	35.83 -5.62 13.14	30.59 -5.02 13.16	24.25 -3.78 13.06	24.56 -3.73 12.66	25.38 -3.34 7.99	24.80 -3.39 7.88	25.28 -3.51 6.67	24.77 -3.77 8.76	21.25 -4.30 14.64	21.63 -4.50 17.95	33.54 -5.45 7.19	34.78 -6.22 12.13	38.29 -6.06 9.73	33.91 -5.88 12.69	28.23 -5.41 13.03	29.76 -4.53 4.11	29.14 -4.11 0.14
WALDEN__HYDRO 24148	35.16 0.76 0.00	32.96 0.74 0.00	31.45 0.77 0.00	30.41 0.74 0.00	30.32 0.62 0.00	33.51 0.85 0.00	46.55 1.22 0.00	56.34 1.75 0.00	50.15 1.37 0.00	42.29 1.19 0.00	42.26 1.31 0.00	37.93 1.21 0.00	37.25 1.19 0.00	36.81 1.35 0.00	38.64 1.34 0.00	41.76 1.57 0.00	45.93 1.85 0.00	48.12 1.94 0.00	55.25 2.13 0.00	56.07 2.00 0.00	54.52 2.05 0.00	48.31 1.63 0.00	39.67 1.27 0.00	34.45 1.07 0.00
WARRENSBURG____ 23737	35.81 1.41 0.00	33.54 1.32 0.00	31.94 1.26 0.00	30.97 1.31 0.00	31.00 1.31 0.00	34.22 1.57 0.00	47.91 2.58 0.00	57.81 3.22 0.00	51.51 2.73 0.00	42.95 1.85 0.00	42.58 1.64 0.00	38.11 1.40 0.00	37.29 1.23 0.00	36.46 0.99 0.00	38.38 1.08 0.00	41.72 1.53 0.00	45.84 1.76 0.00	48.16 1.99 0.00	55.73 2.60 0.00	57.10 3.03 0.00	55.20 2.73 0.00	48.96 2.29 0.00	40.13 1.73 0.00	34.85 1.47 0.00
WATERSIDE____6 8 9 23538	35.54 1.14 0.00	33.31 1.10 0.00	31.86 1.17 -0.01	30.82 1.16 0.00	30.64 0.95 0.00	33.77 1.11 0.00	47.05 1.72 0.00	56.83 2.24 0.00	50.78 2.00 0.00	43.08 1.97 -0.01	43.13 2.17 -0.01	38.86 2.13 -0.01	38.21 2.13 -0.01	37.68 2.20 -0.01	39.51 2.20 -0.01	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.16 3.03 0.00	56.83 2.76 0.00	55.25 2.78 0.00	48.96 2.29 0.00	40.40 2.00 0.00	34.99 1.60 0.00

WATKINRD_115KV_LN8_JLLION 55919	34.51 0.10 0.00	32.28 0.06 0.00	30.71 0.03 0.00	29.64 -0.03 0.00	29.60 -0.09 0.00	32.56 -0.10 0.00	45.19 -0.14 0.00	54.48 -0.11 0.00	48.64 -0.15 0.00	40.89 -0.21 0.00	40.78 -0.16 0.00	36.61 -0.11 0.00	35.96 -0.11 0.00	35.36 -0.11 0.00	37.15 -0.15 0.00	40.04 -0.16 0.00	43.95 -0.13 0.00	46.09 -0.09 0.00	53.08 -0.05 0.00	54.07 0.00 0.00	52.42 -0.05 0.00	46.58 -0.09 0.00	38.29 -0.12 0.00	33.25 -0.13 0.00
WDELAWARE___HYD 323627	35.57 1.17 0.00	33.34 1.13 0.00	31.82 1.14 0.00	30.71 1.04 0.00	30.62 0.92 0.00	33.90 1.24 0.00	47.01 1.68 0.00	57.05 2.46 0.00	50.59 1.81 0.00	42.50 1.40 0.00	42.46 1.52 0.00	38.04 1.32 0.00	37.29 1.23 0.00	36.92 1.45 0.00	38.83 1.53 0.00	41.85 1.65 0.00	46.11 2.03 0.00	48.30 2.13 0.00	55.68 2.55 0.00	56.51 2.44 0.00	54.99 2.52 0.00	48.68 2.01 0.00	39.86 1.46 0.00	34.62 1.24 0.00
WEST BABYLON___IC 23714	36.33 1.93 0.00	34.05 1.84 0.00	32.37 1.69 0.00	31.33 1.66 0.00	31.03 1.34 0.00	34.26 1.60 0.00	47.05 1.72 0.00	56.94 2.35 0.00	50.93 2.15 0.00	43.85 2.75 0.00	44.05 3.03 -0.08	39.44 2.72 -0.01	38.78 2.70 -0.01	39.03 2.84 -0.72	40.18 2.87 -0.01	49.13 3.30 -5.64	52.60 3.70 -4.81	52.76 3.79 -2.79	57.18 4.04 -0.01	58.49 4.06 -0.36	56.36 3.88 -0.01	50.28 3.59 -0.01	41.59 3.19 0.00	35.85 2.47 0.00
WEST CANADA___HYD 24049	34.40 0.00 0.00	32.21 0.00 0.00	30.68 0.00 0.00	29.64 -0.03 0.00	29.66 -0.03 0.00	32.66 0.00 0.00	45.38 0.05 0.00	54.70 0.11 0.00	48.83 0.05 0.00	41.06 -0.04 0.00	40.95 0.00 0.00	36.72 0.00 0.00	36.06 0.00 0.00	35.46 0.00 0.00	37.30 0.00 0.00	40.20 0.00 0.00	44.08 0.00 0.00	46.22 0.05 0.00	53.24 0.11 0.00	54.18 0.11 0.00	52.58 0.11 0.00	46.72 0.05 0.00	38.44 0.04 0.00	33.42 0.03 0.00
WESTERN_NY_WIND 24143	32.48 -1.93 0.00	30.64 -1.58 0.00	28.81 -1.87 0.00	27.74 -1.93 0.00	27.62 -2.08 0.00	29.01 -2.35 1.29	38.24 -2.99 4.10	46.73 -3.06 4.81	41.39 -2.59 4.81	36.70 -2.26 2.13	36.54 -2.33 2.07	33.37 -2.06 1.29	31.79 -1.98 2.29	30.94 -2.02 2.50	31.52 -2.09 3.68	31.57 -2.49 6.13	33.88 -2.69 7.51	37.96 -4.11 4.10	40.08 -4.57 8.48	40.39 -4.38 9.30	38.44 -4.20 9.83	32.84 -4.01 9.82	32.36 -3.42 2.63	30.02 -3.24 0.13
WESTOVER___LESR 323668	34.20 -0.21 0.00	31.99 -0.23 0.00	30.38 -0.31 0.00	29.34 -0.33 0.00	29.37 -0.33 0.00	31.56 -0.36 0.74	42.72 -0.45 2.15	51.45 -0.60 2.54	45.70 -0.54 2.54	38.30 -0.25 2.55	38.22 -0.25 2.48	34.90 -0.26 1.56	34.93 -0.29 0.84	33.85 -0.32 1.30	35.19 -0.41 1.69	36.88 -0.48 2.84	40.20 -0.40 3.48	45.67 -0.51 0.00	52.10 -0.48 0.55	52.36 -0.38 1.33	69.21 -0.42 -17.16	62.00 -0.47 -15.79	39.86 -1.85 0.02	32.93 -0.43 0.02
WETHRSFD_WT_PWR 323626	32.03 -2.37 0.00	29.89 -2.32 0.00	28.14 -2.55 0.00	27.15 -2.52 0.00	27.05 -2.64 0.00	23.09 -3.20 6.37	21.98 -4.85 18.50	26.91 -5.84 21.84	21.59 -5.32 21.88	13.52 -4.07 23.51	14.02 -4.13 22.79	18.56 -3.78 14.38	14.90 -3.86 17.31	20.46 -3.94 11.07	18.75 -4.21 14.33	11.37 -4.87 23.97	9.59 -5.11 29.38	20.01 -5.77 20.40	18.90 -6.54 27.69	36.31 -6.33 11.43	29.77 -6.03 16.67	21.95 -5.56 19.17	24.18 -4.65 9.57	28.96 -4.24 0.18
WHAVSTOR_138KV_BK127 55557	35.13 0.72 0.00	32.89 0.68 0.00	31.42 0.74 0.00	30.41 0.74 0.00	30.26 0.56 0.00	33.47 0.82 0.00	46.55 1.22 0.00	56.34 1.75 0.00	50.20 1.41 0.00	42.45 1.36 0.00	42.50 1.56 0.00	38.15 1.43 0.00	37.51 1.44 0.00	37.02 1.56 0.00	38.86 1.57 0.00	42.01 1.81 0.00	46.24 2.16 0.00	48.35 2.17 0.00	55.47 2.34 0.00	56.23 2.16 0.00	54.62 2.15 0.00	48.45 1.77 0.00	39.82 1.42 0.00	34.52 1.14 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.13 0.72 0.00	32.89 0.68 0.00	31.42 0.74 0.00	30.41 0.74 0.00	30.26 0.56 0.00	33.47 0.82 0.00	46.55 1.22 0.00	56.34 1.75 0.00	50.20 1.41 0.00	42.45 1.36 0.00	42.50 1.56 0.00	38.15 1.43 0.00	37.51 1.44 0.00	37.02 1.56 0.00	38.86 1.57 0.00	42.01 1.81 0.00	46.24 2.16 0.00	48.35 2.17 0.00	55.47 2.34 0.00	56.23 2.16 0.00	54.62 2.15 0.00	48.45 1.77 0.00	39.82 1.42 0.00	34.52 1.14 0.00
WHITEHAL_115KV_TB1 80871	35.78 1.38 0.00	33.54 1.32 0.00	31.94 1.26 0.00	30.97 1.31 0.00	31.03 1.34 0.00	34.26 1.60 0.00	48.19 2.86 0.00	58.09 3.49 0.00	51.61 2.83 0.00	42.91 1.81 0.00	42.46 1.52 0.00	37.96 1.25 0.00	37.11 1.05 0.00	36.24 0.78 0.00	38.19 0.90 0.00	41.56 1.37 0.00	45.71 1.63 0.00	48.12 1.94 0.00	55.79 2.66 0.00	57.37 3.30 0.00	55.46 2.99 0.00	49.10 2.43 0.00	40.17 1.77 0.00	34.85 1.47 0.00
WHITEPLN_13_KV_LOAD 356215	35.54 1.14 0.00	33.31 1.10 0.00	31.76 1.07 0.00	30.74 1.07 0.00	30.58 0.89 0.00	33.86 1.21 0.00	47.10 1.77 0.00	57.10 2.51 0.00	50.88 2.10 0.00	43.11 2.01 0.00	43.16 2.21 0.00	38.73 2.02 0.00	38.12 2.06 0.00	37.59 2.13 0.00	39.46 2.16 0.00	42.73 2.53 0.00	46.99 2.91 0.00	49.23 3.05 0.00	56.37 3.24 0.00	57.21 3.14 0.00	55.57 3.10 0.00	49.20 2.52 0.00	40.40 2.00 0.00	34.99 1.60 0.00
WM_FLOYD_69_KV_BK2 356380	36.19 1.79 0.00	34.05 1.84 0.00	32.34 1.66 0.00	31.39 1.72 0.00	31.09 1.40 0.00	34.09 1.44 0.00	46.69 1.36 0.00	56.39 1.80 0.00	50.54 1.76 0.00	43.73 2.63 0.00	44.13 3.11 -0.07	39.52 2.79 -0.01	38.78 2.70 -0.01	39.05 2.91 -0.68	40.25 2.95 -0.01	48.85 3.38 -5.27	52.13 3.61 -4.44	52.35 3.60 -2.57	56.96 3.83 -0.01	58.24 3.84 -0.33	56.15 3.67 -0.01	50.37 3.69 -0.01	41.71 3.30 0.00	35.92 2.54 0.00
WOODARD_115KV_TB2 355635	34.02 -0.38 0.00	31.86 -0.35 0.00	30.28 -0.40 0.00	29.28 -0.39 0.00	29.34 -0.36 0.00	32.23 -0.42 0.00	44.79 -0.54 0.00	53.94 -0.66 0.00	48.25 -0.54 0.00	40.77 -0.33 0.00	40.62 -0.33 0.00	36.39 -0.33 0.00	35.74 -0.32 0.00	35.15 -0.32 0.00	36.92 -0.37 0.00	39.75 -0.44 0.00	43.64 -0.44 0.00	45.62 -0.55 0.00	52.55 -0.58 0.00	53.58 -0.49 0.00	51.95 -0.52 0.00	46.16 -0.51 0.00	37.98 -0.42 0.00	32.95 -0.43 0.00
WOODMERE_69_KV_BK1 55827	36.02 1.62 0.00	33.79 1.58 0.00	32.16 1.47 0.00	31.09 1.42 0.00	30.85 1.16 0.00	34.09 1.44 0.00	46.96 1.63 0.00	56.83 2.24 0.00	50.83 2.05 0.00	43.52 2.42 0.00	43.61 2.54 -0.12	39.12 2.39 -0.02	38.46 2.38 -0.02	39.02 2.45 -1.11	39.81 2.50 -0.02	51.59 2.81 -8.58	55.18 3.17 -7.93	54.00 3.23 -4.59	56.76 3.61 -0.02	58.02 3.35 -0.59	55.90 3.41 -0.02	49.59 2.89 -0.02	41.13 2.73 0.00	35.52 2.14 0.00
YORK___WARBASSE 23770	35.61 1.20 0.00	33.31 1.10 0.00	31.95 1.26 -0.01	30.91 1.25 0.00	30.70 1.01 0.00	33.73 1.08 0.00	47.01 1.68 0.00	56.83 2.24 0.00	50.73 1.95 0.00	43.03 1.93 0.00	43.12 2.17 0.00	39.06 2.35 0.00	38.33 2.27 0.00	37.73 2.27 0.00	39.50 2.20 0.00	42.73 2.53 0.00	47.03 2.95 0.00	49.04 2.86 0.00	56.26 3.13 0.00	56.83 2.76 0.00	55.36 2.89 0.00	49.06 2.38 0.00	40.52 2.11 0.00	35.02 1.64 0.00