

ALBANY___2 23572	25.73 0.53 0.00	22.87 0.56 0.00	21.53 0.46 0.00	19.92 0.43 0.00	20.34 0.42 0.00	23.55 0.35 0.00	29.56 0.15 0.00	32.87 0.36 0.00	31.33 0.37 0.00	26.69 0.24 0.22	25.98 0.26 0.40	27.41 0.33 0.28	27.54 0.44 0.48	28.63 0.51 0.29	27.85 0.62 0.86	30.23 0.61 1.07	33.26 0.75 1.70	41.96 0.98 3.63	49.78 0.67 2.07	50.19 0.70 0.25	45.89 0.50 0.00	42.04 0.13 0.00	36.50 -0.11 0.00	31.70 -0.13 0.10
ALBANY___3 23573	25.73 0.53 0.00	22.87 0.56 0.00	21.53 0.46 0.00	19.92 0.43 0.00	20.34 0.42 0.00	23.55 0.35 0.00	29.56 0.15 0.00	32.87 0.36 0.00	31.33 0.37 0.00	26.69 0.24 0.22	25.98 0.26 0.40	27.41 0.33 0.28	27.54 0.44 0.48	28.63 0.51 0.29	27.85 0.62 0.86	30.23 0.61 1.07	33.26 0.75 1.70	41.96 0.98 3.63	49.78 0.67 2.07	50.19 0.70 0.25	45.89 0.50 0.00	42.04 0.13 0.00	36.50 -0.11 0.00	31.70 -0.13 0.10
ALBANY___4 23574	25.73 0.53 0.00	22.87 0.56 0.00	21.53 0.46 0.00	19.92 0.43 0.00	20.34 0.42 0.00	23.55 0.35 0.00	29.56 0.15 0.00	32.87 0.36 0.00	31.33 0.37 0.00	26.69 0.24 0.22	25.98 0.26 0.40	27.41 0.33 0.28	27.54 0.44 0.48	28.63 0.51 0.29	27.85 0.62 0.86	30.23 0.61 1.07	33.26 0.75 1.70	41.96 0.98 3.63	49.78 0.67 2.07	50.19 0.70 0.25	45.89 0.50 0.00	42.04 0.13 0.00	36.50 -0.11 0.00	31.70 -0.13 0.10
ALBANY___LFGE 323615	25.98 0.78 0.00	23.09 0.78 0.00	21.74 0.67 0.00	20.11 0.62 0.00	20.52 0.60 0.00	23.78 0.58 0.00	29.85 0.44 0.00	33.29 0.78 0.00	31.76 0.80 0.00	27.07 0.61 0.22	26.35 0.63 0.40	27.80 0.71 0.28	27.92 0.83 0.48	28.95 0.82 0.28	28.05 0.82 0.86	30.62 1.01 1.07	33.67 1.16 1.71	42.44 1.47 3.64	50.39 1.28 2.08	50.79 1.29 0.25	46.44 1.04 0.00	42.55 0.63 0.00	36.94 0.33 0.00	32.07 0.25 0.11
ALCOA_PA_115KV_PL-6C 55860	24.49 -0.71 0.00	21.58 -0.74 0.00	20.47 -0.59 0.00	18.96 -0.53 0.00	19.46 -0.46 0.00	22.71 -0.49 0.00	29.03 -0.38 0.00	32.09 -0.42 0.00	30.27 -0.68 0.00	26.12 -0.56 0.00	25.52 -0.60 0.00	26.63 -0.74 0.00	26.89 -0.69 0.00	27.64 -0.77 0.00	27.42 -0.67 0.00	30.04 -0.64 0.00	33.42 -0.79 0.00	43.59 -1.03 0.00	50.47 -0.72 0.00	48.85 -0.90 0.00	44.76 -0.64 0.00	41.75 -0.17 0.00	36.68 0.07 0.00	31.96 0.03 0.00
ALCOA_RYNLDS___DRP 24188	24.49 -0.71 0.00	21.58 -0.74 0.00	20.47 -0.59 0.00	18.96 -0.53 0.00	19.46 -0.46 0.00	22.71 -0.49 0.00	29.03 -0.38 0.00	32.09 -0.42 0.00	30.27 -0.68 0.00	26.12 -0.56 0.00	25.52 -0.60 0.00	26.63 -0.74 0.00	26.89 -0.69 0.00	27.64 -0.77 0.00	27.42 -0.67 0.00	30.04 -0.64 0.00	33.42 -0.79 0.00	43.59 -1.03 0.00	50.47 -0.72 0.00	48.85 -0.90 0.00	44.76 -0.64 0.00	41.75 -0.17 0.00	36.68 0.07 0.00	31.96 0.03 0.00
ALCOA___DSASP 323711	24.49 -0.71 0.00	21.58 -0.74 0.00	20.47 -0.59 0.00	18.96 -0.53 0.00	19.46 -0.46 0.00	22.71 -0.49 0.00	29.03 -0.38 0.00	32.09 -0.42 0.00	30.27 -0.68 0.00	26.11 -0.56 0.00	25.55 -0.57 0.00	26.66 -0.71 0.00	26.86 -0.72 0.00	27.64 -0.77 0.00	27.42 -0.67 0.00	30.04 -0.65 0.00	33.43 -0.79 0.00	43.59 -1.02 0.00	50.47 -0.72 0.00	48.85 -0.89 0.00	44.76 -0.64 0.00	41.75 -0.17 0.00	36.68 0.07 0.00	31.96 0.03 0.00
ALLEGHENY___COGEN 23514	25.28 0.08 0.00	22.58 0.27 0.00	21.49 0.42 0.00	19.84 0.35 0.00	20.30 0.38 0.00	23.97 0.76 0.00	30.00 0.59 0.00	32.67 0.16 0.00	31.17 0.22 0.00	26.58 -0.13 -0.04	25.89 -0.29 -0.06	27.24 -0.14 0.00	27.50 -0.14 -0.06	28.32 -0.08 0.00	28.07 -0.17 -0.14	30.85 -0.06 -0.23	34.70 0.07 -0.42	43.46 -2.05 -0.90	49.86 -1.84 -0.51	48.71 -1.09 -0.06	45.58 0.18 0.00	41.83 -0.08 0.00	36.57 -0.04 0.00	33.56 1.63 0.00
ALTAMONT_115KV_TB 2 55880	26.01 0.81 0.00	23.09 0.78 0.00	21.76 0.70 0.00	20.15 0.66 0.00	20.56 0.64 0.00	23.85 0.65 0.00	30.00 0.59 0.00	33.29 0.78 0.00	31.73 0.77 0.00	27.07 0.61 0.21	26.36 0.63 0.38	27.78 0.68 0.27	27.86 0.74 0.46	28.96 0.82 0.27	28.14 0.87 0.83	30.60 0.95 1.03	33.70 1.13 1.64	42.63 1.52 3.50	50.57 1.38 2.00	50.90 1.39 0.24	46.57 1.18 0.00	42.76 0.84 0.00	37.20 0.59 0.00	32.38 0.51 0.06
ALTONA_WT_PWR 323606	24.04 -1.16 0.00	21.18 -1.14 0.00	20.18 -0.88 0.00	18.73 -0.76 0.00	19.26 -0.66 0.00	22.53 -0.67 0.00	28.82 -0.59 0.00	31.86 -0.65 0.00	30.09 -0.87 0.00	25.96 -0.72 0.00	25.34 -0.78 0.00	26.41 -0.96 0.00	26.61 -0.97 0.00	27.33 -1.08 0.00	27.06 -1.04 0.00	29.64 -1.04 0.00	33.08 -1.13 0.00	43.05 -1.56 0.00	49.91 -1.28 0.00	48.50 -1.24 0.00	44.58 -0.82 0.00	41.75 -0.17 0.00	36.72 0.11 0.00	32.15 0.23 0.00
AMERICAN_REF_FUEL 24010	24.02 -1.18 0.00	21.60 -0.71 0.00	20.58 -0.48 0.00	18.92 -0.57 0.00	19.24 -0.68 0.00	22.74 -0.46 0.00	27.95 -1.47 -0.01	30.57 -1.95 -0.01	29.69 -1.27 -0.01	25.49 -1.23 -0.04	24.95 -1.23 -0.06	26.34 -1.04 -0.01	26.58 -1.05 -0.06	27.45 -0.97 -0.01	26.96 -1.26 -0.13	29.23 -1.66 -0.20	32.63 -1.95 -0.37	41.42 -3.97 -0.78	47.45 -4.20 -0.45	46.27 -3.53 -0.05	43.03 -2.36 0.00	39.57 -2.35 0.00	34.96 -1.65 0.00	31.58 -0.35 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.17 -1.03 0.00	21.87 -0.45 0.00	20.98 -0.08 0.00	19.51 0.02 0.00	20.04 0.12 0.00	23.76 0.56 0.00	29.35 -0.06 0.00	32.32 -0.19 0.00	31.45 0.49 0.00	27.01 0.29 -0.04	26.46 0.29 -0.06	27.89 0.52 0.00	28.15 0.52 -0.05	29.12 0.71 0.00	28.62 0.39 -0.14	31.08 0.19 -0.22	34.68 0.07 -0.40	43.96 -1.52 -0.86	50.26 -1.43 -0.51	48.71 -1.09 -0.06	45.17 -0.23 0.00	41.54 -0.38 0.00	36.46 -0.15 0.00	32.82 0.89 0.00
ARTHUR KILL_GT_1 23520	27.58 2.37 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.62 1.69 -0.01	24.96 1.76 0.00	31.38 1.97 0.00	34.95 2.44 0.00	33.55 2.60 0.00	32.85 2.21 -3.96	36.48 2.25 -8.11	39.98 2.38 -10.23	41.44 2.48 -11.38	41.78 2.67 -10.71	44.06 2.70 -13.27	45.37 2.95 -11.74	49.11 3.42 -11.48	78.10 4.60 -28.89	72.43 4.97 -16.28	56.12 4.88 -1.50	48.60 3.90 0.70	44.92 3.02 0.02	39.55 2.93 -0.01	34.69 2.62 -0.14
ARTHUR_KILL_2 23512	27.48 2.27 -0.01	24.35 2.03 -0.01	22.82 1.75 -0.01	21.13 1.64 -0.01	21.56 1.63 -0.01	24.89 1.69 0.00	31.29 1.88 0.00	35.05 2.54 0.00	33.58 2.63 0.00	32.88 2.24 -3.96	36.50 2.27 -8.11	40.01 2.41 -10.23	41.46 2.51 -11.38	41.72 2.61 -10.71	44.01 2.64 -13.27	45.28 2.85 -11.74	48.94 3.25 -11.48	77.92 4.42 -28.89	72.17 4.71 -16.28	55.87 4.63 -1.50	48.42 3.72 0.70	44.71 2.81 0.02	39.37 2.75 -0.01	34.56 2.49 -0.14
ARTHUR_KILL_3 23513	27.22 2.02 0.00	24.19 1.87 0.00	22.66 1.60 0.00	20.99 1.50 0.00	21.37 1.45 0.00	24.76 1.55 0.00	31.14 1.73 0.00	34.95 2.44 0.00	33.65 2.69 0.00	33.08 2.45 -3.95	36.68 2.45 -8.10	40.14 2.55 -10.22	41.56 2.59 -11.39	41.82 2.70 -10.72	44.02 2.64 -13.28	45.23 2.79 -11.76	48.85 3.15 -11.49	77.77 4.24 -28.91	71.79 4.30 -16.30	55.53 4.28 -1.51	48.15 3.45 0.69	44.47 2.56 0.01	39.06 2.45 0.00	34.20 2.14 -0.14

ARTHUR_KILL_COGEN 323718	27.58 2.37 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.62 1.69 -0.01	24.96 1.76 0.00	31.38 1.97 0.00	35.18 2.67 0.00	33.71 2.75 0.00	32.98 2.35 -3.96	36.61 2.38 -8.11	40.12 2.52 -10.23	41.58 2.62 -11.38	41.84 2.73 -10.71	44.12 2.75 -13.27	45.40 2.98 -11.74	49.11 3.42 -11.48	78.14 4.64 -28.89	72.43 4.96 -16.28	56.12 4.88 -1.50	48.64 3.95 0.70	44.88 2.98 0.02	39.51 2.89 -0.01	34.69 2.62 -0.14
ASHOKAN____ 23654	26.94 1.74 0.00	23.92 1.61 0.00	22.45 1.39 0.00	20.74 1.25 0.00	21.20 1.28 0.00	24.52 1.32 0.00	30.82 1.41 0.00	34.30 1.79 0.00	32.84 1.89 0.00	28.79 1.89 -0.22	28.40 1.93 -0.34	28.10 0.71 -0.02	28.78 0.88 -0.32	29.43 1.02 0.00	31.61 2.70 -0.82	34.96 2.98 -1.30	39.99 3.35 -2.42	54.34 4.55 -5.17	59.16 5.02 -2.95	55.07 4.97 -0.35	48.84 3.45 0.00	44.56 2.64 0.00	38.70 2.09 0.00	34.10 2.17 0.00
ASTORIA_EAST_ENERGY_CC1 323581	27.43 2.22 -0.01	24.46 2.14 -0.01	22.90 1.83 -0.01	21.23 1.73 -0.01	21.64 1.71 -0.01	25.02 1.81 -0.01	31.38 1.97 0.00	35.14 2.63 0.00	33.58 2.63 0.01	33.05 2.48 -3.90	36.58 2.48 -7.98	40.23 2.63 -10.23	41.67 2.70 -11.39	41.94 2.81 -10.72	46.26 2.78 -15.38	46.94 2.95 -13.31	51.27 3.21 -13.84	78.55 4.42 -29.52	72.88 4.87 -16.83	56.50 4.73 -2.03	49.25 3.86 0.00	44.98 3.06 -0.01	39.29 2.67 -0.01	34.37 2.30 -0.14
ASTORIA_EAST_ENERGY_CC2 323582	27.43 2.22 -0.01	24.46 2.14 -0.01	22.90 1.83 -0.01	21.23 1.73 -0.01	21.64 1.71 -0.01	25.02 1.81 -0.01	31.38 1.97 0.00	35.14 2.63 0.00	33.58 2.63 0.01	33.05 2.48 -3.90	36.58 2.48 -7.98	40.23 2.63 -10.23	41.67 2.70 -11.39	41.94 2.81 -10.72	46.26 2.78 -15.38	46.94 2.95 -13.31	51.27 3.21 -13.84	78.55 4.42 -29.52	72.88 4.87 -16.83	56.50 4.73 -2.03	49.25 3.86 0.00	44.98 3.06 -0.01	39.29 2.67 -0.01	34.37 2.30 -0.14
ASTORIA_GT2_1 24094	27.43 2.22 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	34.92 2.41 0.00	33.46 2.51 0.00	32.95 2.37 -3.90	36.47 2.38 -7.98	40.12 2.52 -10.23	41.54 2.56 -11.39	41.88 2.76 -10.72	46.23 2.75 -15.38	46.94 2.95 -13.31	51.35 3.28 -13.85	78.61 4.46 -29.53	72.88 4.86 -16.83	56.55 4.78 -2.03	49.25 3.86 0.00	45.03 3.10 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
ASTORIA_GT2_2 24095	27.43 2.22 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	34.92 2.41 0.00	33.46 2.51 0.00	32.95 2.37 -3.90	36.47 2.38 -7.98	40.12 2.52 -10.23	41.54 2.56 -11.39	41.88 2.76 -10.72	46.23 2.75 -15.38	46.94 2.95 -13.31	51.35 3.28 -13.85	78.61 4.46 -29.53	72.88 4.86 -16.83	56.55 4.78 -2.03	49.25 3.86 0.00	45.03 3.10 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
ASTORIA_GT2_3 24096	27.43 2.22 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	34.92 2.41 0.00	33.46 2.51 0.00	32.95 2.37 -3.90	36.47 2.38 -7.98	40.12 2.52 -10.23	41.54 2.56 -11.39	41.88 2.76 -10.72	46.23 2.75 -15.38	46.94 2.95 -13.31	51.35 3.28 -13.85	78.61 4.46 -29.53	72.88 4.86 -16.83	56.55 4.78 -2.03	49.25 3.86 0.00	45.03 3.10 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
ASTORIA_GT2_4 24097	27.43 2.22 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	34.92 2.41 0.00	33.46 2.51 0.00	32.95 2.37 -3.90	36.47 2.38 -7.98	40.12 2.52 -10.23	41.54 2.56 -11.39	41.88 2.76 -10.72	46.23 2.75 -15.38	46.94 2.95 -13.31	51.35 3.28 -13.85	78.61 4.46 -29.53	72.88 4.86 -16.83	56.55 4.78 -2.03	49.25 3.86 0.00	45.03 3.10 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
ASTORIA_GT3_1 24098	27.43 2.22 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	34.92 2.41 0.00	33.46 2.51 0.00	32.95 2.37 -3.90	36.47 2.38 -7.98	40.12 2.52 -10.23	41.54 2.56 -11.39	41.88 2.76 -10.72	46.23 2.75 -15.38	46.94 2.95 -13.31	51.35 3.28 -13.85	78.61 4.46 -29.53	72.88 4.86 -16.83	56.55 4.78 -2.03	49.25 3.86 0.00	45.03 3.10 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
ASTORIA_GT3_2 24099	27.43 2.22 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	34.92 2.41 0.00	33.46 2.51 0.00	32.95 2.37 -3.90	36.47 2.38 -7.98	40.12 2.52 -10.23	41.54 2.56 -11.39	41.88 2.76 -10.72	46.23 2.75 -15.38	46.94 2.95 -13.31	51.35 3.28 -13.85	78.61 4.46 -29.53	72.88 4.86 -16.83	56.55 4.78 -2.03	49.25 3.86 0.00	45.03 3.10 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
ASTORIA_GT3_3 24100	27.43 2.22 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	34.92 2.41 0.00	33.46 2.51 0.00	32.95 2.37 -3.90	36.47 2.38 -7.98	40.12 2.52 -10.23	41.54 2.56 -11.39	41.88 2.76 -10.72	46.23 2.75 -15.38	46.94 2.95 -13.31	51.35 3.28 -13.85	78.61 4.46 -29.53	72.88 4.86 -16.83	56.55 4.78 -2.03	49.25 3.86 0.00	45.03 3.10 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
ASTORIA_GT3_4 24101	27.43 2.22 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	34.92 2.41 0.00	33.46 2.51 0.00	32.95 2.37 -3.90	36.47 2.38 -7.98	40.12 2.52 -10.23	41.54 2.56 -11.39	41.88 2.76 -10.72	46.23 2.75 -15.38	46.94 2.95 -13.31	51.35 3.28 -13.85	78.61 4.46 -29.53	72.88 4.86 -16.83	56.55 4.78 -2.03	49.25 3.86 0.00	45.03 3.10 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
ASTORIA_GT4_1 24102	27.43 2.22 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	34.92 2.41 0.00	33.46 2.51 0.00	32.95 2.37 -3.90	36.47 2.38 -7.98	40.12 2.52 -10.23	41.54 2.56 -11.39	41.88 2.76 -10.72	46.23 2.75 -15.38	46.94 2.95 -13.31	51.35 3.28 -13.85	78.61 4.46 -29.53	72.88 4.86 -16.83	56.55 4.78 -2.03	49.25 3.86 0.00	45.03 3.10 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
ASTORIA_GT4_2 24103	27.43 2.22 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	34.92 2.41 0.00	33.46 2.51 0.00	32.95 2.37 -3.90	36.47 2.38 -7.98	40.12 2.52 -10.23	41.54 2.56 -11.39	41.88 2.76 -10.72	46.23 2.75 -15.38	46.94 2.95 -13.31	51.35 3.28 -13.85	78.61 4.46 -29.53	72.88 4.86 -16.83	56.55 4.78 -2.03	49.25 3.86 0.00	45.03 3.10 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
ASTORIA_GT4_3 24104	27.43 2.22 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	34.92 2.41 0.00	33.46 2.51 0.00	32.95 2.37 -3.90	36.47 2.38 -7.98	40.12 2.52 -10.23	41.54 2.56 -11.39	41.88 2.76 -10.72	46.23 2.75 -15.38	46.94 2.95 -13.31	51.35 3.28 -13.85	78.61 4.46 -29.53	72.88 4.86 -16.83	56.55 4.78 -2.03	49.25 3.86 0.00	45.03 3.10 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14

ASTORIA_GT4_4 24105	27.43 2.22 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	34.92 2.41 0.00	33.46 2.51 0.00	32.95 2.37 -3.90	36.47 2.38 -7.98	40.12 2.52 -10.23	41.54 2.56 -11.39	41.88 2.76 -10.72	46.23 2.75 -15.38	46.94 2.95 -13.31	51.35 3.28 -13.85	78.61 4.46 -29.53	72.88 4.86 -16.83	56.55 4.78 -2.03	49.25 3.86 0.00	45.03 3.10 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
ASTORIA_GT_1 23523	27.48 2.27 -0.01	24.48 2.16 -0.01	22.99 1.92 -0.01	21.27 1.77 -0.01	21.68 1.75 -0.01	25.09 1.88 -0.01	31.44 2.03 0.00	35.01 2.50 0.00	33.52 2.57 0.00	33.00 2.43 -3.90	36.55 2.46 -7.98	40.20 2.60 -10.23	41.62 2.65 -11.39	41.97 2.84 -10.72	46.29 2.81 -15.38	47.03 3.04 -13.31	51.45 3.39 -13.85	78.74 4.60 -29.53	73.04 5.02 -16.83	56.65 4.88 -2.03	49.39 3.99 0.00	45.11 3.19 -0.01	39.40 2.78 -0.01	34.47 2.39 -0.14
ASTORIA_GT_10 24110	27.40 2.19 -0.01	24.35 2.03 -0.01	22.86 1.79 -0.01	21.15 1.66 -0.01	21.54 1.61 -0.01	24.94 1.74 0.00	31.35 1.94 0.00	34.92 2.41 0.00	33.59 2.63 0.00	33.10 2.32 -4.11	36.93 2.35 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.72 2.73 -11.59	47.04 2.70 -16.25	47.38 2.91 -13.79	51.38 3.32 -13.85	78.56 4.42 -29.53	72.73 4.71 -16.83	56.40 4.63 -2.03	49.16 3.77 0.00	44.85 2.93 0.00	39.33 2.71 -0.01	34.47 2.39 -0.14
ASTORIA_GT_11 24225	27.40 2.19 -0.01	24.35 2.03 -0.01	22.86 1.79 -0.01	21.15 1.66 -0.01	21.54 1.61 -0.01	24.94 1.74 0.00	31.35 1.94 0.00	34.92 2.41 0.00	33.59 2.63 0.00	33.10 2.32 -4.11	36.93 2.35 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.72 2.73 -11.59	47.04 2.70 -16.25	47.38 2.91 -13.79	51.38 3.32 -13.85	78.56 4.42 -29.53	72.73 4.71 -16.83	56.40 4.63 -2.03	49.16 3.77 0.00	44.85 2.93 0.00	39.33 2.71 -0.01	34.47 2.39 -0.14
ASTORIA_GT_12 24226	27.40 2.19 -0.01	24.35 2.03 -0.01	22.86 1.79 -0.01	21.15 1.66 -0.01	21.54 1.61 -0.01	24.94 1.74 0.00	31.35 1.94 0.00	34.92 2.41 0.00	33.59 2.63 0.00	33.10 2.32 -4.11	36.93 2.35 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.72 2.73 -11.59	47.04 2.70 -16.25	47.38 2.91 -13.79	51.38 3.32 -13.85	78.56 4.42 -29.53	72.73 4.71 -16.83	56.40 4.63 -2.03	49.16 3.77 0.00	44.85 2.93 0.00	39.33 2.71 -0.01	34.47 2.39 -0.14
ASTORIA_GT_13 24227	27.40 2.19 -0.01	24.35 2.03 -0.01	22.86 1.79 -0.01	21.15 1.66 -0.01	21.54 1.61 -0.01	24.94 1.74 0.00	31.35 1.94 0.00	34.92 2.41 0.00	33.59 2.63 0.00	33.10 2.32 -4.11	36.93 2.35 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.72 2.73 -11.59	47.04 2.70 -16.25	47.38 2.91 -13.79	51.38 3.32 -13.85	78.56 4.42 -29.53	72.73 4.71 -16.83	56.40 4.63 -2.03	49.16 3.77 0.00	44.85 2.93 0.00	39.33 2.71 -0.01	34.47 2.39 -0.14
ASTORIA_GT_5 24106	27.48 2.27 -0.01	24.48 2.16 -0.01	22.99 1.92 -0.01	21.27 1.77 -0.01	21.68 1.75 -0.01	25.09 1.88 -0.01	31.44 2.03 0.00	35.01 2.50 0.00	33.52 2.57 0.00	33.00 2.43 -3.90	36.55 2.46 -7.98	40.20 2.60 -10.23	41.62 2.65 -11.39	41.97 2.84 -10.72	46.29 2.81 -15.38	47.03 3.04 -13.31	51.45 3.39 -13.85	78.74 4.60 -29.53	73.04 5.02 -16.83	56.65 4.88 -2.03	49.39 3.99 0.00	45.11 3.19 -0.01	39.40 2.78 -0.01	34.47 2.39 -0.14
ASTORIA_GT_7 24107	27.48 2.27 -0.01	24.48 2.16 -0.01	22.99 1.92 -0.01	21.27 1.77 -0.01	21.68 1.75 -0.01	25.09 1.88 -0.01	31.44 2.03 0.00	35.01 2.50 0.00	33.52 2.57 0.00	33.00 2.43 -3.90	36.55 2.46 -7.98	40.20 2.60 -10.23	41.62 2.65 -11.39	41.97 2.84 -10.72	46.29 2.81 -15.38	47.03 3.04 -13.31	51.45 3.39 -13.85	78.74 4.60 -29.53	73.04 5.02 -16.83	56.65 4.88 -2.03	49.39 3.99 0.00	45.11 3.19 -0.01	39.40 2.78 -0.01	34.47 2.39 -0.14
ASTORIA_GT_8 24108	27.48 2.27 -0.01	24.48 2.16 -0.01	22.99 1.92 -0.01	21.27 1.77 -0.01	21.68 1.75 -0.01	25.09 1.88 -0.01	31.44 2.03 0.00	35.01 2.50 0.00	33.52 2.57 0.00	33.00 2.43 -3.90	36.55 2.46 -7.98	40.20 2.60 -10.23	41.62 2.65 -11.39	41.97 2.84 -10.72	46.29 2.81 -15.38	47.03 3.04 -13.31	51.45 3.39 -13.85	78.74 4.60 -29.53	73.04 5.02 -16.83	56.65 4.88 -2.03	49.39 3.99 0.00	45.11 3.19 -0.01	39.40 2.78 -0.01	34.47 2.39 -0.14
ASTORIA___2 24149	27.43 2.22 -0.01	24.46 2.14 -0.01	22.93 1.85 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.04 1.83 -0.01	31.38 1.97 0.00	35.14 2.63 0.00	33.61 2.66 0.01	33.08 2.51 -3.90	36.60 2.51 -7.98	40.25 2.65 -10.23	41.70 2.73 -11.39	41.97 2.84 -10.72	46.26 2.78 -15.38	46.97 2.98 -13.31	51.31 3.25 -13.84	78.60 4.46 -29.52	72.88 4.87 -16.83	56.55 4.78 -2.03	49.30 3.90 0.00	44.98 3.06 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
ASTORIA___3 23516	27.40 2.19 -0.01	24.35 2.03 -0.01	22.82 1.75 -0.01	21.15 1.66 -0.01	21.56 1.63 -0.01	24.94 1.74 0.00	31.35 1.94 0.00	35.14 2.63 0.00	33.71 2.75 0.00	33.23 2.45 -4.11	37.03 2.45 -8.46	41.02 2.60 -11.05	42.42 2.67 -12.17	42.78 2.79 -11.59	47.10 2.75 -16.25	47.42 2.95 -13.79	51.38 3.32 -13.85	78.56 4.42 -29.53	72.72 4.71 -16.83	56.40 4.63 -2.03	49.16 3.77 0.00	44.85 2.93 0.00	39.33 2.71 -0.01	34.47 2.40 -0.14
ASTORIA___4 23517	27.40 2.19 -0.01	24.35 2.03 -0.01	22.86 1.79 -0.01	21.15 1.66 -0.01	21.54 1.61 -0.01	24.94 1.74 0.00	31.35 1.94 0.00	34.92 2.41 0.00	33.59 2.63 0.00	33.10 2.32 -4.11	36.93 2.35 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.72 2.73 -11.59	47.04 2.70 -16.25	47.38 2.91 -13.79	51.38 3.32 -13.85	78.56 4.42 -29.53	72.73 4.71 -16.83	56.40 4.63 -2.03	49.16 3.77 0.00	44.85 2.93 0.00	39.33 2.71 -0.01	34.47 2.39 -0.14
ASTORIA___5 23518	27.40 2.19 -0.01	24.35 2.03 -0.01	22.82 1.75 -0.01	21.15 1.66 -0.01	21.56 1.63 -0.01	24.94 1.74 0.00	31.35 1.94 0.00	35.14 2.63 0.00	33.71 2.75 0.00	33.23 2.45 -4.11	37.03 2.45 -8.46	41.02 2.60 -11.05	42.42 2.67 -12.17	42.78 2.79 -11.59	47.10 2.75 -16.25	47.42 2.95 -13.79	51.38 3.32 -13.85	78.56 4.42 -29.53	72.72 4.71 -16.83	56.40 4.63 -2.03	49.16 3.77 0.00	44.85 2.93 0.00	39.33 2.71 -0.01	34.47 2.40 -0.14
AST_ENERGY_2_CC3 323677	27.27 2.07 0.00	24.23 1.92 0.00	22.71 1.64 0.00	21.03 1.54 0.00	21.43 1.51 0.00	24.80 1.60 0.00	29.89 1.79 1.31	29.89 2.47 5.09	29.89 2.69 3.76	29.89 2.45 -0.76	33.83 2.45 -5.26	33.83 2.60 -3.86	33.83 2.70 -3.55	33.83 2.81 -2.61	33.83 2.78 -2.95	34.83 2.98 -1.17	38.45 3.32 -0.92	67.37 4.42 -18.34	61.39 4.55 -5.64	45.10 4.53 9.17	37.75 3.68 11.32	33.83 2.72 10.81	33.83 2.52 5.30	33.83 2.23 0.33
AST_ENERGY_2_CC4 323678	27.27 2.07 0.00	24.23 1.92 0.00	22.71 1.64 0.00	21.03 1.54 0.00	21.43 1.51 0.00	24.80 1.60 0.00	29.89 1.79 1.31	29.89 2.47 5.09	29.89 2.69 3.76	29.89 2.45 -0.76	33.83 2.45 -5.26	33.83 2.60 -3.86	33.83 2.70 -3.55	33.83 2.81 -2.61	33.83 2.78 -2.95	34.83 2.98 -1.17	38.45 3.32 -0.92	67.37 4.42 -18.34	61.39 4.55 -5.64	45.10 4.53 9.17	37.75 3.68 11.32	33.83 2.72 10.81	33.83 2.52 5.30	33.83 2.23 0.33

ATHENS_STG_1 23668	26.21 1.01 0.00	23.27 0.96 0.00	21.93 0.86 0.00	20.31 0.82 0.00	20.72 0.80 0.00	23.99 0.79 0.00	30.14 0.74 0.00	33.62 1.11 0.00	32.13 1.18 0.00	27.34 0.99 0.33	26.56 1.02 0.58	28.07 1.10 0.39	28.07 1.18 0.69	29.26 1.25 0.39	28.08 1.23 1.25	30.39 1.29 1.58	33.13 1.47 2.55	41.14 1.96 5.44	49.88 1.79 3.10	51.16 1.79 0.37	46.85 1.45 0.00	42.92 1.00 0.00	37.38 0.77 0.00	32.67 0.70 -0.05
ATHENS_STG_2 23670	26.21 1.01 0.00	23.27 0.96 0.00	21.93 0.86 0.00	20.31 0.82 0.00	20.72 0.80 0.00	23.99 0.79 0.00	30.14 0.74 0.00	33.62 1.11 0.00	32.13 1.18 0.00	27.34 0.99 0.33	26.56 1.02 0.58	28.07 1.10 0.39	28.07 1.18 0.69	29.26 1.25 0.39	28.08 1.23 1.25	30.39 1.29 1.58	33.13 1.47 2.55	41.14 1.96 5.44	49.88 1.79 3.10	51.16 1.79 0.37	46.85 1.45 0.00	42.92 1.00 0.00	37.38 0.77 0.00	32.67 0.70 -0.05
ATHENS_STG_3 23677	26.21 1.01 0.00	23.27 0.96 0.00	21.93 0.86 0.00	20.31 0.82 0.00	20.72 0.80 0.00	23.99 0.79 0.00	30.14 0.74 0.00	33.62 1.11 0.00	32.13 1.18 0.00	27.34 0.99 0.33	26.56 1.02 0.58	28.07 1.10 0.39	28.07 1.18 0.69	29.26 1.25 0.39	28.08 1.23 1.25	30.39 1.29 1.58	33.13 1.47 2.55	41.14 1.96 5.44	49.88 1.79 3.10	51.16 1.79 0.37	46.85 1.45 0.00	42.92 1.00 0.00	37.38 0.77 0.00	32.67 0.70 -0.05
AUBURN____LFGE 323710	25.25 0.05 0.00	22.42 0.11 0.00	21.21 0.15 0.00	19.57 0.08 0.00	20.00 0.08 0.00	23.39 0.19 0.00	29.58 0.18 0.00	32.61 0.10 0.00	31.20 0.25 0.00	26.81 0.13 0.00	26.22 0.10 0.00	27.62 0.25 0.00	27.80 0.22 0.00	28.58 0.17 0.00	28.21 0.11 0.00	30.74 0.06 0.00	34.31 0.10 0.00	44.44 -0.18 0.00	51.09 -0.10 0.00	49.80 0.05 0.00	45.62 0.23 0.00	41.96 0.04 0.00	36.57 -0.04 0.00	32.06 0.13 0.00
BABYLON_RES_REC 323704	31.97 2.40 -4.37	24.81 2.28 -0.22	23.05 1.98 -0.01	21.41 1.91 -0.01	21.82 1.89 -0.01	25.23 2.02 -0.01	31.65 2.23 -0.01	37.84 3.06 -2.28	34.12 3.16 -0.01	36.45 2.69 -7.08	39.86 2.74 -11.00	41.53 2.71 -11.45	42.88 2.73 -12.58	46.39 2.50 -15.49	51.10 2.25 -20.76	60.39 2.42 -27.28	63.32 2.63 -26.47	88.86 3.48 -40.76	76.83 3.53 -22.11	64.41 3.63 -11.03	53.10 3.22 -4.48	50.89 2.43 -6.55	43.07 2.71 -3.75	41.26 2.62 -6.71
BALL_HILL_WT_PWR 323825	24.54 -0.66 0.00	22.11 -0.20 0.00	21.11 0.04 0.00	19.49 0.00 0.00	19.86 -0.06 0.00	23.48 0.28 0.00	29.03 -0.38 0.00	31.89 -0.62 0.00	30.98 0.03 0.00	26.63 -0.08 -0.03	26.07 -0.10 -0.05	27.51 0.14 0.00	27.77 0.14 -0.05	28.72 0.31 0.00	28.25 0.03 -0.13	30.67 -0.21 -0.20	34.18 -0.41 -0.38	43.38 -2.05 -0.81	49.62 -2.05 -0.49	48.11 -1.69 -0.06	44.62 -0.77 0.00	40.99 -0.92 0.00	36.06 -0.55 0.00	32.50 0.58 0.00
BARON_WINDS____WT_PWR 323822	24.39 -0.81 0.00	21.84 -0.47 0.00	20.83 -0.23 0.00	19.29 -0.19 0.00	19.78 -0.14 0.00	23.34 0.14 0.00	29.23 -0.18 0.00	32.02 -0.49 0.00	30.74 -0.22 0.00	26.43 -0.29 -0.05	25.86 -0.34 -0.08	27.18 -0.19 0.00	27.40 -0.25 -0.07	28.26 -0.14 0.00	28.06 -0.23 -0.19	30.68 -0.31 -0.30	34.61 -0.17 -0.56	44.57 -1.25 -1.20	50.80 -1.08 -0.69	49.23 -0.59 -0.08	45.39 0.00 0.00	41.71 -0.21 0.00	36.50 -0.11 0.00	32.60 0.67 0.00
BARRETT_IC_1 23704	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	65.15 2.30 -34.75	94.77 2.36 -61.73	84.46 2.70 -47.55	93.23 3.61 -45.00	84.46 3.63 -29.64	148.31 3.68 -94.89	92.56 3.00 -44.17	76.55 2.26 -32.37	75.54 2.35 -36.58	75.82 2.20 -41.69
BARRETT_IC_10 23701	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	53.10 2.30 -22.70	60.75 2.36 -27.70	63.73 2.70 -26.82	85.19 3.61 -36.97	75.62 3.63 -20.79	84.33 3.68 -30.91	62.13 3.00 -13.74	54.25 2.26 -10.07	75.54 2.35 -36.58	75.82 2.20 -41.69
BARRETT_IC_11 23702	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	53.10 2.30 -22.70	60.75 2.36 -27.70	63.73 2.70 -26.82	85.19 3.61 -36.97	75.62 3.63 -20.79	84.33 3.68 -30.91	62.13 3.00 -13.74	54.25 2.26 -10.07	75.54 2.35 -36.58	75.82 2.20 -41.69
BARRETT_IC_12 23703	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	53.10 2.30 -22.70	60.75 2.36 -27.70	63.73 2.70 -26.82	85.19 3.61 -36.97	75.62 3.63 -20.79	84.33 3.68 -30.91	62.13 3.00 -13.74	54.25 2.26 -10.07	75.54 2.35 -36.58	75.82 2.20 -41.69
BARRETT_IC_2 23705	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	65.15 2.30 -34.75	94.77 2.36 -61.73	84.46 2.70 -47.55	93.23 3.61 -45.00	84.46 3.63 -29.64	148.31 3.68 -94.89	92.56 3.00 -44.17	76.55 2.26 -32.37	75.54 2.35 -36.58	75.82 2.20 -41.69
BARRETT_IC_3 23706	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	65.15 2.30 -34.75	94.77 2.36 -61.73	84.46 2.70 -47.55	93.23 3.61 -45.00	84.46 3.63 -29.64	148.31 3.68 -94.89	92.56 3.00 -44.17	76.55 2.26 -32.37	75.54 2.35 -36.58	75.82 2.20 -41.69
BARRETT_IC_4 23707	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	65.15 2.30 -34.75	94.77 2.36 -61.73	84.46 2.70 -47.55	93.23 3.61 -45.00	84.46 3.63 -29.64	148.31 3.68 -94.89	92.56 3.00 -44.17	76.55 2.26 -32.37	75.54 2.35 -36.58	75.82 2.20 -41.69
BARRETT_IC_5 23708	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	65.15 2.30 -34.75	94.77 2.36 -61.73	84.46 2.70 -47.55	93.23 3.61 -45.00	84.46 3.63 -29.64	148.31 3.68 -94.89	92.56 3.00 -44.17	76.55 2.26 -32.37	75.54 2.35 -36.58	75.82 2.20 -41.69

BARRETT_IC_6 23709	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	65.15 2.30 -34.75	94.77 2.36 -61.73	84.46 2.70 -47.55	93.23 3.61 -45.00	84.46 3.63 -29.64	148.31 3.68 -94.89	92.56 3.00 -44.17	76.55 2.26 -32.37	75.54 2.35 -36.58	75.82 2.20 -41.69
BARRETT_IC_7 23710	31.34 2.09 -4.05	24.48 1.96 -0.21	22.91 1.83 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.02 2.41 -2.11	33.63 2.66 -0.01	35.41 2.27 -6.47	38.28 2.25 -9.92	39.56 2.27 -9.92	40.94 2.23 -11.13	44.34 2.33 -13.60	65.10 2.25 -34.75	94.74 2.33 -61.73	84.46 2.70 -47.55	93.23 3.61 -45.00	84.41 3.58 -29.64	148.26 3.63 -94.89	92.56 3.00 -44.17	76.63 2.35 -32.37	75.54 2.34 -36.58	75.79 2.17 -41.69
BARRETT_IC_8 23711	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	65.15 2.30 -34.75	94.77 2.36 -61.73	84.46 2.70 -47.55	93.23 3.61 -45.00	84.46 3.63 -29.64	148.31 3.68 -94.89	92.56 3.00 -44.17	76.55 2.26 -32.37	75.54 2.35 -36.58	75.82 2.20 -41.69
BARRETT_IC_9 23700	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	53.10 2.30 -22.70	60.75 2.36 -27.70	63.73 2.70 -26.82	85.19 3.61 -36.97	75.62 3.63 -20.79	84.33 3.68 -30.91	62.13 3.00 -13.74	54.25 2.26 -10.07	75.54 2.35 -36.58	75.82 2.20 -41.69
BARRETT___1 23545	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	65.15 2.30 -34.75	94.77 2.36 -61.73	84.46 2.70 -47.55	93.23 3.61 -45.00	84.46 3.63 -29.64	148.31 3.68 -94.89	92.56 3.00 -44.17	76.55 2.26 -32.37	75.54 2.35 -36.58	75.82 2.20 -41.69
BARRETT___2 23546	31.34 2.09 -4.05	24.48 1.96 -0.21	22.89 1.81 -0.01	21.21 1.72 -0.01	21.60 1.67 -0.01	25.04 1.83 -0.01	31.45 2.03 -0.01	37.19 2.57 -2.11	33.69 2.72 -0.01	35.54 2.40 -6.47	38.41 2.38 -9.92	39.67 2.38 -9.92	41.10 2.40 -11.13	44.39 2.39 -13.60	53.10 2.30 -22.70	60.75 2.36 -27.70	63.73 2.70 -26.82	85.19 3.61 -36.97	75.62 3.63 -20.79	84.33 3.68 -30.91	62.13 3.00 -13.74	54.25 2.26 -10.07	75.54 2.35 -36.58	75.82 2.20 -41.69
BATAVIA___115KV_TB1 55881	24.85 -0.35 0.00	22.36 0.04 0.00	21.32 0.25 0.00	19.55 0.06 0.00	19.94 0.02 0.00	23.48 0.28 0.00	29.06 -0.35 0.00	32.02 -0.49 0.00	31.14 0.19 0.00	26.71 0.00 -0.03	26.06 -0.10 -0.05	27.54 0.16 0.00	27.81 0.19 -0.04	28.66 0.26 0.00	28.18 -0.03 -0.11	30.58 -0.28 -0.18	34.02 -0.51 -0.33	43.53 -1.78 -0.70	49.90 -1.69 -0.40	48.55 -1.24 -0.05	45.35 -0.05 0.00	41.58 -0.34 0.00	36.54 -0.07 0.00	32.79 0.86 0.00
BAYONEEC___CTG1 323682	27.29 2.09 0.00	24.25 1.94 0.00	22.73 1.66 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.82 1.62 0.00	31.26 1.85 0.00	35.05 2.54 0.00	33.71 2.75 0.00	33.05 2.48 -3.89	36.57 2.48 -7.97	40.22 2.63 -10.22	41.67 2.70 -11.39	41.93 2.81 -10.72	46.25 2.78 -15.38	46.94 2.95 -13.31	51.42 3.35 -13.86	78.62 4.46 -29.54	72.64 4.61 -16.84	56.35 4.57 -2.03	49.07 3.68 0.00	44.68 2.77 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
BAYONEEC___CTG10 323750	27.29 2.09 0.00	24.25 1.94 0.00	22.73 1.66 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.82 1.62 0.00	31.26 1.85 0.00	35.05 2.54 0.00	33.71 2.75 0.00	33.05 2.48 -3.89	36.57 2.48 -7.97	40.22 2.63 -10.22	41.67 2.70 -11.39	41.93 2.81 -10.72	46.25 2.78 -15.38	46.94 2.95 -13.31	51.42 3.35 -13.86	78.62 4.46 -29.54	72.64 4.61 -16.84	56.35 4.57 -2.03	49.07 3.68 0.00	44.68 2.77 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
BAYONEEC___CTG2 323683	27.29 2.09 0.00	24.25 1.94 0.00	22.73 1.66 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.82 1.62 0.00	31.26 1.85 0.00	35.05 2.54 0.00	33.71 2.75 0.00	33.05 2.48 -3.89	36.57 2.48 -7.97	40.22 2.63 -10.22	41.67 2.70 -11.39	41.93 2.81 -10.72	46.25 2.78 -15.38	46.94 2.95 -13.31	51.42 3.35 -13.86	78.62 4.46 -29.54	72.64 4.61 -16.84	56.35 4.57 -2.03	49.07 3.68 0.00	44.68 2.77 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
BAYONEEC___CTG3 323684	27.29 2.09 0.00	24.25 1.94 0.00	22.73 1.66 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.82 1.62 0.00	31.26 1.85 0.00	35.05 2.54 0.00	33.71 2.75 0.00	33.05 2.48 -3.89	36.57 2.48 -7.97	40.22 2.63 -10.22	41.67 2.70 -11.39	41.93 2.81 -10.72	46.25 2.78 -15.38	46.94 2.95 -13.31	51.42 3.35 -13.86	78.62 4.46 -29.54	72.64 4.61 -16.84	56.35 4.57 -2.03	49.07 3.68 0.00	44.68 2.77 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
BAYONEEC___CTG4 323685	27.29 2.09 0.00	24.25 1.94 0.00	22.73 1.66 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.82 1.62 0.00	31.26 1.85 0.00	35.05 2.54 0.00	33.71 2.75 0.00	33.05 2.48 -3.89	36.57 2.48 -7.97	40.22 2.63 -10.22	41.67 2.70 -11.39	41.93 2.81 -10.72	46.25 2.78 -15.38	46.94 2.95 -13.31	51.42 3.35 -13.86	78.62 4.46 -29.54	72.64 4.61 -16.84	56.35 4.57 -2.03	49.07 3.68 0.00	44.68 2.77 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
BAYONEEC___CTG5 323686	27.29 2.09 0.00	24.25 1.94 0.00	22.73 1.66 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.82 1.62 0.00	31.26 1.85 0.00	35.05 2.54 0.00	33.71 2.75 0.00	33.05 2.48 -3.89	36.57 2.48 -7.97	40.22 2.63 -10.22	41.67 2.70 -11.39	41.93 2.81 -10.72	46.25 2.78 -15.38	46.94 2.95 -13.31	51.42 3.35 -13.86	78.62 4.46 -29.54	72.64 4.61 -16.84	56.35 4.57 -2.03	49.07 3.68 0.00	44.68 2.77 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
BAYONEEC___CTG6 323687	27.29 2.09 0.00	24.25 1.94 0.00	22.73 1.66 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.82 1.62 0.00	31.26 1.85 0.00	35.05 2.54 0.00	33.71 2.75 0.00	33.05 2.48 -3.89	36.57 2.48 -7.97	40.22 2.63 -10.22	41.67 2.70 -11.39	41.93 2.81 -10.72	46.25 2.78 -15.38	46.94 2.95 -13.31	51.42 3.35 -13.86	78.62 4.46 -29.54	72.64 4.61 -16.84	56.35 4.57 -2.03	49.07 3.68 0.00	44.68 2.77 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
BAYONEEC___CTG7 323688	27.29 2.09 0.00	24.25 1.94 0.00	22.73 1.66 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.82 1.62 0.00	31.26 1.85 0.00	35.05 2.54 0.00	33.71 2.75 0.00	33.05 2.48 -3.89	36.57 2.48 -7.97	40.22 2.63 -10.22	41.67 2.70 -11.39	41.93 2.81 -10.72	46.25 2.78 -15.38	46.94 2.95 -13.31	51.42 3.35 -13.86	78.62 4.46 -29.54	72.64 4.61 -16.84	56.35 4.57 -2.03	49.07 3.68 0.00	44.68 2.77 0.00	39.17 2.56 0.00	34.33 2.27 -0.14

BAYONEEC___CTG8 323689	27.29 2.09 0.00	24.25 1.94 0.00	22.73 1.66 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.82 1.62 0.00	31.26 1.85 0.00	35.05 2.54 0.00	33.71 2.75 0.00	33.05 2.48 -3.89	36.57 2.48 -7.97	40.22 2.63 -10.22	41.67 2.70 -11.39	41.93 2.81 -10.72	46.25 2.78 -15.38	46.94 2.95 -13.31	51.42 3.35 -13.86	78.62 4.46 -29.54	72.64 4.61 -16.84	56.35 4.57 -2.03	49.07 3.68 0.00	44.68 2.77 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
BAYONEEC___CTG9 323749	27.29 2.09 0.00	24.25 1.94 0.00	22.73 1.66 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.82 1.62 0.00	31.26 1.85 0.00	35.05 2.54 0.00	33.71 2.75 0.00	33.05 2.48 -3.89	36.57 2.48 -7.97	40.22 2.63 -10.22	41.67 2.70 -11.39	41.93 2.81 -10.72	46.25 2.78 -15.38	46.94 2.95 -13.31	51.42 3.35 -13.86	78.62 4.46 -29.54	72.64 4.61 -16.84	56.35 4.57 -2.03	49.07 3.68 0.00	44.68 2.77 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
BEACON___LESR 323632	26.11 0.91 0.00	23.21 0.89 0.00	21.82 0.76 0.00	20.17 0.68 0.00	20.60 0.68 0.00	23.87 0.67 0.00	30.00 0.59 0.00	33.46 0.94 0.00	31.88 0.93 0.00	27.17 0.72 0.22	26.42 0.71 0.40	27.90 0.82 0.29	28.03 0.94 0.48	29.05 0.94 0.29	28.16 0.93 0.86	30.78 1.17 1.07	33.85 1.33 1.69	42.74 1.74 3.61	50.72 1.59 2.06	51.09 1.59 0.25	46.71 1.32 0.00	42.80 0.88 0.00	37.12 0.51 0.00	32.24 0.41 0.11
BEAVER RIVER___HYD 24048	25.12 -0.08 0.00	22.27 -0.04 0.00	21.02 -0.04 0.00	19.43 -0.06 0.00	19.94 0.02 0.00	23.32 0.12 0.00	29.56 0.15 0.00	32.58 0.07 0.00	30.67 -0.28 0.00	26.20 -0.48 0.00	25.60 -0.52 0.00	26.88 -0.49 0.00	26.97 -0.61 0.00	27.78 -0.63 0.00	27.56 -0.53 0.00	30.28 -0.40 0.00	33.84 -0.38 0.00	44.12 -0.49 0.00	51.09 -0.10 0.00	49.95 0.20 0.00	45.80 0.41 0.00	42.50 0.59 0.00	36.90 0.29 0.00	32.21 0.29 0.00
BEEBEE_GT_13 23619	24.90 -0.30 0.00	22.27 -0.04 0.00	21.15 0.08 0.00	19.43 -0.06 0.00	19.82 -0.10 0.00	23.27 0.07 0.00	29.06 -0.35 0.00	31.93 -0.59 0.00	30.92 -0.03 0.00	26.57 -0.11 0.00	25.96 -0.16 0.00	27.42 0.05 0.00	27.66 0.08 0.00	28.46 0.06 0.00	27.98 -0.11 0.00	30.38 -0.31 0.00	33.70 -0.51 0.00	43.19 -1.43 0.00	49.70 -1.48 0.00	48.45 -1.29 0.00	44.99 -0.41 0.00	41.29 -0.63 0.00	36.17 -0.44 0.00	32.18 0.26 0.00
BENSHRST_27_KV_BENSHRST_1 355998	27.65 2.44 -0.01	24.51 2.19 -0.01	23.01 1.94 -0.01	21.27 1.77 -0.01	21.68 1.75 -0.01	25.06 1.86 0.00	31.56 2.15 0.00	35.18 2.67 0.00	33.83 2.88 0.00	33.32 2.53 -4.11	37.14 2.56 -8.46	41.15 2.74 -11.05	42.58 2.84 -12.17	43.03 3.04 -11.59	47.41 3.06 -16.25	47.81 3.34 -13.79	51.90 3.83 -13.85	79.27 5.13 -29.53	73.50 5.48 -16.83	57.15 5.37 -2.03	49.84 4.45 0.00	45.40 3.48 0.00	39.80 3.19 -0.01	34.88 2.81 -0.14
BETHLEHEM___GRP 23843	25.73 0.53 0.00	22.87 0.56 0.00	21.53 0.46 0.00	19.92 0.43 0.00	20.34 0.42 0.00	23.55 0.35 0.00	29.56 0.15 0.00	32.87 0.36 0.00	31.33 0.37 0.00	26.69 0.24 0.22	25.98 0.26 0.40	27.41 0.33 0.28	27.54 0.44 0.48	28.63 0.51 0.29	27.85 0.62 0.86	30.23 0.61 1.07	33.26 0.75 1.70	41.96 0.98 3.63	49.78 0.67 2.07	50.19 0.70 0.25	45.89 0.50 0.00	42.04 0.13 0.00	36.50 -0.11 0.00	31.70 -0.13 0.10
BETHLEHEM___GS1 323560	25.73 0.53 0.00	22.87 0.56 0.00	21.53 0.46 0.00	19.92 0.43 0.00	20.34 0.42 0.00	23.55 0.35 0.00	29.56 0.15 0.00	32.97 0.45 0.00	31.45 0.49 0.00	26.80 0.35 0.22	26.08 0.37 0.40	27.52 0.44 0.28	27.62 0.52 0.48	28.63 0.51 0.29	27.71 0.48 0.86	30.29 0.67 1.07	33.26 0.75 1.70	41.96 0.98 3.63	49.78 0.66 2.07	50.19 0.70 0.25	45.89 0.50 0.00	42.04 0.13 0.00	36.50 -0.11 0.00	31.70 -0.13 0.10
BETHLEHEM___GS2 323561	25.73 0.53 0.00	22.87 0.56 0.00	21.53 0.46 0.00	19.92 0.43 0.00	20.34 0.42 0.00	23.55 0.35 0.00	29.56 0.15 0.00	32.97 0.45 0.00	31.45 0.49 0.00	26.80 0.35 0.22	26.08 0.37 0.40	27.52 0.44 0.28	27.62 0.52 0.48	28.63 0.51 0.29	27.71 0.48 0.86	30.29 0.67 1.07	33.26 0.75 1.70	41.96 0.98 3.63	49.78 0.66 2.07	50.19 0.70 0.25	45.89 0.50 0.00	42.04 0.13 0.00	36.50 -0.11 0.00	31.70 -0.13 0.10
BETHLEHEM___GS3 323562	25.73 0.53 0.00	22.87 0.56 0.00	21.53 0.46 0.00	19.92 0.43 0.00	20.34 0.42 0.00	23.55 0.35 0.00	29.56 0.15 0.00	32.97 0.45 0.00	31.45 0.49 0.00	26.80 0.35 0.22	26.08 0.37 0.40	27.52 0.44 0.28	27.62 0.52 0.48	28.63 0.51 0.29	27.71 0.48 0.86	30.29 0.67 1.07	33.26 0.75 1.70	41.96 0.98 3.63	49.78 0.66 2.07	50.19 0.70 0.25	45.89 0.50 0.00	42.04 0.13 0.00	36.50 -0.11 0.00	31.70 -0.13 0.10
BETHLEHEM___STEEL 23779	24.62 -0.58 0.00	22.22 -0.09 0.00	21.25 0.19 0.00	19.47 -0.02 0.00	19.86 -0.06 0.00	23.41 0.21 0.00	28.94 -0.47 0.00	31.73 -0.78 0.00	30.92 -0.03 0.00	26.60 -0.11 -0.03	26.04 -0.13 -0.05	27.48 0.11 0.00	27.71 0.08 -0.05	28.66 0.26 0.00	28.17 -0.06 -0.13	30.58 -0.31 -0.21	33.98 -0.62 -0.38	43.20 -2.23 -0.82	49.41 -2.25 -0.48	47.91 -1.89 -0.06	44.49 -0.91 0.00	40.83 -1.09 0.00	35.95 -0.66 0.00	32.41 0.48 0.00
BETHLHEM_115KV_TB1 79974	25.78 0.58 0.00	22.91 0.60 0.00	21.57 0.51 0.00	19.98 0.49 0.00	20.38 0.46 0.00	23.62 0.42 0.00	29.64 0.24 0.00	32.97 0.46 0.00	31.42 0.46 0.00	26.77 0.32 0.22	26.06 0.34 0.40	27.50 0.41 0.28	27.59 0.50 0.48	28.69 0.57 0.28	27.91 0.67 0.86	30.29 0.68 1.07	33.37 0.86 1.69	42.07 1.07 3.61	49.95 0.82 2.06	50.34 0.85 0.25	46.03 0.64 0.00	42.21 0.29 0.00	36.65 0.04 0.00	31.83 0.00 0.10
BETHPAGE_CC_5 323564	32.20 2.37 -4.63	24.76 2.21 -0.24	23.03 1.96 -0.01	21.37 1.87 -0.01	21.76 1.83 -0.01	25.21 2.00 -0.01	31.63 2.21 -0.01	37.85 2.93 -2.41	34.03 3.07 -0.01	36.90 2.64 -7.58	40.56 2.56 -11.87	42.61 2.55 -12.69	43.89 2.57 -13.75	47.99 2.58 -17.00	53.18 2.39 -22.70	58.12 2.55 -24.89	64.37 2.87 -27.29	89.70 3.84 -41.25	73.44 3.84 -18.41	67.30 3.93 -13.62	54.19 3.27 -5.52	50.28 2.51 -5.85	44.11 2.45 -5.05	42.55 2.36 -8.26
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.65 -0.55 0.00	22.25 -0.07 0.00	21.27 0.21 0.00	19.49 0.00 0.00	19.90 -0.02 0.00	23.43 0.23 0.00	29.00 -0.41 0.00	31.80 -0.72 0.00	31.02 0.06 0.00	26.68 -0.03 -0.03	26.15 -0.03 -0.05	27.56 0.19 0.00	27.79 0.17 -0.05	28.75 0.34 0.00	28.28 0.06 -0.13	30.71 -0.18 -0.21	34.12 -0.48 -0.39	43.44 -2.01 -0.83	49.63 -2.05 -0.48	48.11 -1.69 -0.06	44.62 -0.77 0.00	40.99 -0.92 0.00	36.06 -0.55 0.00	32.47 0.54 0.00
BINGHAMTON___COGEN 23790	25.40 0.20 0.00	22.62 0.31 0.00	21.42 0.36 0.00	19.76 0.27 0.00	20.20 0.28 0.00	23.57 0.37 0.00	29.70 0.29 0.00	32.74 0.23 0.00	31.36 0.40 0.00	27.04 0.29 -0.07	26.50 0.26 -0.12	27.76 0.38 -0.01	28.05 0.36 -0.11	28.83 0.43 0.00	28.80 0.42 -0.29	31.53 0.40 -0.45	35.57 0.51 -0.84	46.73 0.31 -1.80	52.57 0.36 -1.02	50.37 0.50 -0.12	45.98 0.59 0.00	42.25 0.34 0.00	36.83 0.22 0.00	32.44 0.51 0.00

BIXINCNT_115KV_LOAD 355685	24.19 -1.01 0.00	21.87 -0.45 0.00	21.04 -0.02 0.00	19.31 -0.18 0.00	19.80 -0.12 0.00	23.43 0.23 0.00	29.17 -0.24 0.00	32.06 -0.46 0.00	31.23 0.28 0.00	26.87 0.16 -0.04	26.31 0.13 -0.06	27.67 0.30 0.00	27.88 0.25 -0.06	28.89 0.48 0.00	28.46 0.22 -0.14	30.97 0.06 -0.23	34.53 -0.10 -0.42	43.91 -1.61 -0.90	50.17 -1.54 -0.52	48.61 -1.19 -0.06	44.99 -0.41 0.00	41.29 -0.63 0.00	36.24 -0.37 0.00	32.66 0.73 0.00
BLACK RIVER___HYD 24047	25.38 0.18 0.00	22.51 0.20 0.00	21.25 0.19 0.00	19.63 0.14 0.00	20.16 0.24 0.00	23.60 0.39 0.00	29.91 0.50 0.00	32.87 0.36 0.00	30.92 -0.03 0.00	26.36 -0.32 0.00	25.73 -0.39 0.00	27.07 -0.30 0.00	27.13 -0.44 0.00	27.95 -0.46 0.00	27.70 -0.39 0.00	30.47 -0.21 0.00	34.04 -0.17 0.00	44.44 -0.18 0.00	51.60 0.41 0.00	50.59 0.84 0.00	46.44 1.04 0.00	43.09 1.17 0.00	37.27 0.66 0.00	32.50 0.58 0.00
BLACKRVR_115KV_TB2 79977	25.38 0.18 0.00	22.51 0.20 0.00	21.25 0.19 0.00	19.63 0.14 0.00	20.16 0.24 0.00	23.60 0.39 0.00	29.91 0.50 0.00	32.93 0.42 0.00	30.98 0.03 0.00	26.44 -0.24 0.00	25.81 -0.31 0.00	27.12 -0.25 0.00	27.19 -0.39 0.00	27.98 -0.43 0.00	27.81 -0.28 0.00	30.50 -0.18 0.00	34.04 -0.17 0.00	44.44 -0.18 0.00	51.60 0.41 0.00	50.59 0.85 0.00	46.44 1.04 0.00	43.09 1.17 0.00	37.27 0.66 0.00	32.50 0.57 0.00
BLDWN_LI_69_KV_BK4 356085	32.73 2.34 -5.19	24.77 2.19 -0.27	23.06 1.98 -0.01	21.35 1.85 -0.01	21.74 1.81 -0.01	25.21 2.00 -0.01	31.65 2.24 -0.01	37.91 2.70 -2.70	33.84 2.88 -0.01	37.81 2.51 -8.63	42.37 2.53 -13.72	45.24 2.57 -15.30	46.38 2.59 -16.22	51.32 2.70 -20.21	60.51 2.56 -29.85	66.39 2.73 -32.97	76.56 3.15 -39.20	97.97 4.19 -49.16	76.90 4.30 -21.41	89.40 4.33 -35.33	64.83 3.59 -15.85	56.46 2.93 -11.61	53.29 2.75 -13.93	52.55 2.52 -18.10
BLISS_WT_PWR 323608	24.04 -1.16 0.00	21.66 -0.65 0.00	20.83 -0.23 0.00	19.24 -0.25 0.00	19.70 -0.22 0.00	23.39 0.18 0.00	29.14 -0.27 0.00	32.12 -0.39 0.00	31.20 0.25 0.00	26.79 0.08 -0.04	26.23 0.05 -0.06	27.59 0.22 0.00	27.83 0.19 -0.06	28.83 0.43 0.00	28.44 0.20 -0.14	30.94 0.03 -0.23	34.60 -0.03 -0.42	43.91 -1.60 -0.90	50.18 -1.53 -0.52	48.61 -1.19 -0.06	44.90 -0.50 0.00	41.24 -0.67 0.00	36.28 -0.33 0.00	32.63 0.70 0.00
BLUESTONE___WT_PWR 323821	26.01 0.81 0.00	23.11 0.80 0.00	21.84 0.78 0.00	20.19 0.70 0.00	20.70 0.78 0.00	24.22 1.02 0.00	30.67 1.26 0.00	33.91 1.40 0.00	32.25 1.30 0.00	27.63 0.88 -0.08	27.03 0.78 -0.12	28.31 0.93 -0.01	28.55 0.86 -0.12	29.37 0.97 0.00	29.37 0.98 -0.30	32.38 1.23 -0.47	36.59 1.50 -0.87	48.40 1.92 -1.87	54.71 2.46 -1.06	52.61 2.73 -0.13	48.07 2.68 0.00	44.30 2.39 0.00	38.40 1.79 0.00	33.68 1.75 0.00
BLUE_CIRC_CHEM_DRP 24182	26.01 0.81 0.00	23.12 0.80 0.00	21.76 0.70 0.00	20.15 0.66 0.00	20.58 0.66 0.00	23.85 0.65 0.00	29.94 0.53 0.00	33.16 0.65 0.00	31.54 0.59 0.00	26.98 0.40 0.10	26.36 0.39 0.15	27.77 0.41 0.01	27.95 0.52 0.15	28.94 0.54 0.00	28.40 0.67 0.37	30.83 0.74 0.59	34.04 0.92 1.10	43.57 1.29 2.34	51.03 1.18 1.33	50.83 1.24 0.16	46.44 1.04 0.00	42.67 0.75 0.00	37.12 0.51 0.00	32.35 0.48 0.06
BOC_GAS_DRP 24189	25.93 0.73 0.00	23.03 0.71 0.00	21.68 0.61 0.00	20.09 0.60 0.00	20.50 0.58 0.00	23.76 0.56 0.00	29.88 0.47 0.00	33.19 0.68 0.00	31.67 0.71 0.00	27.02 0.56 0.22	26.31 0.57 0.39	27.73 0.63 0.27	27.80 0.69 0.46	28.90 0.77 0.27	28.08 0.81 0.83	30.50 0.86 1.04	33.59 1.03 1.65	42.47 1.38 3.52	50.41 1.23 2.01	50.75 1.24 0.24	46.39 1.00 0.00	42.59 0.67 0.00	37.05 0.44 0.00	32.29 0.42 0.05
BOONVILLE_115KV_TB1 79983	25.55 0.35 0.00	22.67 0.36 0.00	21.38 0.32 0.00	19.76 0.27 0.00	20.24 0.32 0.00	23.64 0.44 0.00	29.94 0.53 0.00	33.06 0.55 0.00	31.33 0.37 0.00	26.81 0.13 0.00	26.22 0.10 0.00	27.53 0.16 0.00	27.66 0.08 0.00	28.52 0.11 0.00	28.32 0.22 0.00	30.99 0.31 0.00	34.62 0.41 0.00	45.15 0.54 0.00	52.06 0.87 0.00	50.74 0.99 0.00	46.44 1.04 0.00	42.92 1.01 0.00	37.27 0.66 0.00	32.50 0.57 0.00
BORALEX_4TH_BRANCH 23824	26.76 1.56 0.00	23.79 1.47 0.00	22.37 1.31 0.00	20.72 1.23 0.00	21.13 1.22 0.00	24.45 1.25 0.00	30.61 1.21 0.00	34.20 1.69 0.00	32.56 1.61 0.00	27.61 1.20 0.27	26.85 1.20 0.48	28.38 1.34 0.33	28.44 1.43 0.57	29.75 1.68 0.33	28.73 1.66 1.03	31.23 1.84 1.29	34.33 2.19 2.07	43.29 3.08 4.41	51.59 2.92 2.51	52.38 2.94 0.30	47.80 2.41 0.00	43.76 1.84 0.00	37.78 1.17 0.00	32.66 0.99 0.25
BOWLINE___1 23526	26.91 1.71 0.00	23.90 1.58 0.00	22.41 1.35 0.00	20.78 1.29 0.00	21.17 1.26 0.00	24.52 1.32 0.00	30.82 1.41 0.00	34.46 1.95 0.00	33.15 2.20 0.00	30.85 2.00 -2.17	32.22 1.98 -4.11	33.44 2.14 -3.94	35.13 2.21 -5.35	34.79 2.33 -4.06	38.84 2.30 -8.44	42.36 2.48 -9.20	50.01 2.81 -12.99	76.12 3.79 -27.72	70.84 3.84 -15.81	55.43 3.78 -1.90	48.44 3.04 0.00	44.10 2.18 0.00	38.51 1.90 0.00	33.78 1.72 -0.13
BOWLINE___2 23595	26.89 1.69 0.00	23.90 1.58 0.00	22.41 1.35 0.00	20.76 1.27 0.00	21.15 1.24 0.00	24.52 1.32 0.00	30.82 1.41 0.00	34.43 1.92 0.00	33.12 2.17 0.00	30.82 1.97 -2.17	32.20 1.96 -4.12	33.42 2.11 -3.94	35.11 2.18 -5.35	34.77 2.30 -4.06	38.82 2.27 -8.45	42.31 2.42 -9.20	49.98 2.77 -13.00	76.04 3.70 -27.73	70.74 3.73 -15.82	55.38 3.73 -1.90	48.34 2.95 0.00	44.05 2.14 0.00	38.48 1.87 0.00	33.75 1.69 -0.13
BRADY___115KV_TB2 356060	24.65 -0.55 0.00	21.69 -0.62 0.00	20.60 -0.46 0.00	19.06 -0.43 0.00	19.60 -0.32 0.00	22.90 -0.30 0.00	29.29 -0.12 0.00	32.32 -0.20 0.00	30.33 -0.62 0.00	26.12 -0.56 0.00	25.49 -0.63 0.00	26.60 -0.77 0.00	26.83 -0.74 0.00	27.61 -0.80 0.00	27.45 -0.65 0.00	30.07 -0.61 0.00	33.49 -0.72 0.00	43.68 -0.94 0.00	50.73 -0.46 0.00	49.20 -0.55 0.00	45.17 -0.23 0.00	42.21 0.29 0.00	37.05 0.44 0.00	32.31 0.38 0.00
BRANSCOMB___SOLAR 323811	26.74 1.54 0.00	23.76 1.45 0.00	22.35 1.29 0.00	20.66 1.17 0.00	21.09 1.17 0.00	24.50 1.30 0.00	30.76 1.35 0.00	34.20 1.69 0.00	32.50 1.55 0.00	27.58 1.12 0.22	26.82 1.10 0.39	28.25 1.15 0.27	28.38 1.27 0.47	29.44 1.31 0.27	28.57 1.32 0.85	31.18 1.56 1.06	34.50 1.98 1.70	43.27 2.27 3.62	51.63 2.51 2.07	52.03 2.54 0.25	47.66 2.27 0.00	43.72 1.80 0.00	37.93 1.32 0.00	32.88 1.09 0.13
BRDGHMPT_69_KV_BK1 55812	31.66 2.49 -3.97	24.95 2.43 -0.20	23.20 2.13 -0.01	21.68 2.18 -0.01	21.96 2.03 -0.01	25.27 2.06 -0.01	31.62 2.21 -0.01	37.89 3.32 -2.07	34.18 3.22 -0.01	35.79 2.80 -6.31	38.72 2.95 -9.65	39.86 2.96 -9.54	41.38 3.03 -10.77	44.80 3.27 -13.13	48.95 3.26 -17.59	58.49 3.41 -24.40	93.96 3.90 -55.85	120.28 5.22 -70.44	136.31 5.37 -79.75	61.34 5.42 -6.17	54.97 4.63 -4.94	50.19 3.77 -4.50	41.83 3.48 -1.75	39.67 3.42 -4.33

BRENTWOD_69_KV_W. BRTWOOD 56703	31.80 2.57 -4.03	24.95 2.43 -0.21	23.24 2.17 -0.01	21.58 2.09 -0.01	21.94 2.01 -0.01	25.39 2.18 -0.01	31.80 2.38 -0.01	37.76 3.15 -2.10	34.18 3.22 -0.01	35.83 2.72 -6.44	38.83 2.85 -9.86	39.98 2.76 -9.85	41.37 2.73 -11.06	44.76 2.84 -13.51	48.92 2.73 -18.09	117.82 2.82 -84.32	64.62 3.11 -27.30	90.59 3.84 -42.14	85.59 3.89 -30.51	60.99 4.33 -6.92	51.93 3.59 -2.95	72.18 3.02 -27.24	41.50 2.82 -2.07	39.46 2.81 -4.72
BRISTLHL_115KV_TB1 79998	24.82 -0.38 0.00	22.02 -0.29 0.00	20.81 -0.25 0.00	19.22 -0.27 0.00	19.64 -0.28 0.00	22.90 -0.30 0.00	28.97 -0.44 0.00	31.96 -0.55 0.00	30.52 -0.43 0.00	26.25 -0.43 0.00	25.70 -0.42 0.00	27.01 -0.36 0.00	27.22 -0.36 0.00	27.95 -0.45 0.00	27.56 -0.53 0.00	30.07 -0.61 0.00	33.53 -0.68 0.00	43.54 -1.07 0.00	49.96 -1.23 0.00	48.70 -1.04 0.00	44.49 -0.91 0.00	40.95 -0.96 0.00	35.69 -0.92 0.00	31.23 -0.70 0.00
BROOKHAVEN___DRP 24191	31.38 2.22 -3.96	24.70 2.19 -0.20	22.99 1.92 -0.01	21.47 1.97 -0.01	21.76 1.83 -0.01	25.09 1.88 -0.01	31.36 1.94 -0.01	37.47 2.89 -2.06	33.75 2.79 -0.01	35.36 2.37 -6.31	38.24 2.48 -9.64	39.23 2.33 -9.53	40.68 2.34 -10.76	44.00 2.47 -13.12	48.09 2.42 -17.58	57.29 2.45 -24.16	92.67 2.87 -55.59	118.59 3.79 -70.18	134.38 3.84 -79.35	59.93 4.03 -6.15	53.62 3.31 -4.91	48.89 2.56 -4.42	40.84 2.49 -1.74	38.77 2.52 -4.32
BROOKLYN_NAVY_YARD 23515	27.27 2.07 0.00	24.21 1.90 0.00	22.69 1.62 0.00	21.01 1.52 0.00	21.41 1.49 0.00	24.80 1.60 0.00	31.23 1.82 0.00	35.05 2.54 0.00	33.71 2.75 0.00	33.05 2.48 -3.89	36.57 2.48 -7.97	40.22 2.63 -10.22	41.70 2.73 -11.39	41.96 2.84 -10.72	46.28 2.81 -15.38	47.00 3.01 -13.31	51.49 3.42 -13.86	78.71 4.55 -29.54	72.73 4.71 -16.84	56.45 4.67 -2.03	49.21 3.81 0.00	44.73 2.81 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
BROOKLYN___ARMY_DRP 323595	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.05 2.54 0.00	33.68 2.72 0.00	33.18 2.40 -4.11	37.01 2.43 -8.46	40.99 2.57 -11.05	42.42 2.67 -12.17	42.86 2.87 -11.59	47.21 2.87 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.10 3.19 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
BROOME_2_LFGE 323671	25.40 0.20 0.00	22.60 0.29 0.00	21.40 0.34 0.00	19.76 0.27 0.00	20.18 0.26 0.00	23.57 0.37 0.00	29.70 0.29 0.00	32.77 0.26 0.00	31.36 0.40 0.00	27.04 0.29 -0.07	26.50 0.26 -0.12	27.76 0.38 -0.01	28.07 0.39 -0.11	28.83 0.43 0.00	28.80 0.42 -0.29	31.53 0.40 -0.45	35.57 0.51 -0.84	46.73 0.31 -1.80	52.57 0.36 -1.02	50.42 0.55 -0.12	45.98 0.59 0.00	42.25 0.33 0.00	36.87 0.26 0.00	32.44 0.51 0.00
BROOME___LFGE 323600	25.40 0.20 0.00	22.60 0.29 0.00	21.40 0.34 0.00	19.76 0.27 0.00	20.18 0.26 0.00	23.57 0.37 0.00	29.70 0.29 0.00	32.77 0.26 0.00	31.36 0.40 0.00	27.04 0.29 -0.07	26.50 0.26 -0.12	27.76 0.38 -0.01	28.07 0.39 -0.11	28.83 0.43 0.00	28.80 0.42 -0.29	31.53 0.40 -0.45	35.57 0.51 -0.84	46.73 0.31 -1.80	52.57 0.36 -1.02	50.42 0.55 -0.12	45.98 0.59 0.00	42.25 0.33 0.00	36.87 0.26 0.00	32.44 0.51 0.00
BROWNFLS_115KV_TB 3_5 80003	24.87 -0.33 0.00	22.00 -0.31 0.00	20.79 -0.27 0.00	19.22 -0.27 0.00	19.74 -0.18 0.00	23.06 -0.14 0.00	29.26 -0.15 0.00	32.32 -0.20 0.00	30.40 -0.56 0.00	26.01 -0.67 0.00	25.41 -0.71 0.00	26.66 -0.71 0.00	26.78 -0.80 0.00	27.55 -0.85 0.00	27.42 -0.67 0.00	30.04 -0.64 0.00	33.53 -0.68 0.00	43.63 -0.98 0.00	50.42 -0.77 0.00	49.15 -0.60 0.00	45.08 -0.32 0.00	41.92 0.00 0.00	36.65 0.04 0.00	32.06 0.13 0.00
BROWNSV1_27_KV_LOAD 356125	27.52 2.32 0.00	24.43 2.12 0.00	22.94 1.87 0.00	21.20 1.72 0.00	21.59 1.67 0.00	25.01 1.81 0.00	31.50 2.09 0.00	35.15 2.63 0.00	33.86 2.91 0.00	33.21 2.64 -3.89	36.73 2.64 -7.97	40.41 2.82 -10.22	41.83 2.87 -11.39	42.22 3.10 -10.72	46.54 3.06 -15.38	47.34 3.34 -13.31	51.90 3.83 -13.86	79.24 5.09 -29.54	73.30 5.27 -16.84	57.00 5.22 -2.03	49.71 4.31 0.00	45.23 3.31 0.00	39.61 3.00 0.00	34.68 2.62 -0.14
BURROWS___LYONSDAL 23803	25.43 0.23 0.00	22.54 0.22 0.00	21.27 0.21 0.00	19.67 0.18 0.00	20.14 0.22 0.00	23.53 0.32 0.00	29.82 0.41 0.00	32.93 0.42 0.00	31.14 0.19 0.00	26.65 -0.03 0.00	26.04 -0.08 0.00	27.34 -0.03 0.00	27.47 -0.11 0.00	28.29 -0.11 0.00	28.12 0.03 0.00	30.80 0.12 0.00	34.38 0.17 0.00	44.88 0.27 0.00	51.75 0.56 0.00	50.49 0.75 0.00	46.21 0.82 0.00	42.80 0.88 0.00	37.12 0.51 0.00	32.41 0.48 0.00
CAITHNESS_CC_1 323624	31.38 2.22 -3.96	24.70 2.19 -0.20	22.97 1.90 -0.01	21.45 1.95 -0.01	21.86 1.93 -0.01	25.11 1.90 -0.01	31.39 1.97 -0.01	37.63 3.06 -2.06	33.93 2.97 -0.01	35.49 2.51 -6.31	38.37 2.61 -9.64	39.33 2.43 -9.52	40.81 2.48 -10.75	44.10 2.58 -13.11	47.97 2.30 -17.57	57.15 2.52 -23.96	92.40 2.84 -55.36	118.32 3.75 -69.96	133.97 3.79 -78.99	59.86 3.98 -6.13	53.64 3.36 -4.89	48.78 2.51 -4.34	40.86 2.52 -1.73	38.82 2.59 -4.31
CALPINE BETH_PAGE_GT4 24209	32.48 2.34 -4.94	24.77 2.21 -0.25	23.06 1.98 -0.01	21.35 1.85 -0.01	21.74 1.81 -0.01	25.18 1.97 -0.01	31.63 2.21 -0.01	37.78 2.70 -2.57	33.81 2.85 -0.01	37.31 2.48 -8.15	41.38 2.38 -12.88	43.90 2.41 -14.12	45.07 2.40 -15.10	49.67 2.50 -18.76	55.47 2.39 -24.99	59.21 2.52 -26.02	68.24 2.91 -31.12	93.11 3.88 -44.61	73.94 3.89 -18.86	70.59 3.98 -16.86	55.68 3.22 -7.06	50.90 2.52 -6.47	45.53 2.42 -6.50	44.22 2.30 -9.99
CALPINE_BETH_PAGE_GT_4 323586	32.48 2.34 -4.94	24.78 2.21 -0.25	23.01 1.94 -0.01	21.35 1.85 -0.01	21.76 1.83 -0.01	25.21 2.00 -0.01	31.63 2.21 -0.01	37.94 2.86 -2.57	33.97 3.00 -0.01	37.44 2.62 -8.15	41.51 2.51 -12.88	44.01 2.52 -14.12	45.21 2.54 -15.10	49.72 2.56 -18.76	55.50 2.42 -24.99	59.24 2.55 -26.02	68.24 2.91 -31.12	93.07 3.84 -44.61	73.94 3.89 -18.86	70.59 3.98 -16.86	55.73 3.27 -7.06	50.90 2.51 -6.47	45.53 2.42 -6.50	44.22 2.30 -9.99
CALPINE_BP_GT1 23823	32.48 2.34 -4.94	24.78 2.21 -0.25	23.01 1.94 -0.01	21.35 1.85 -0.01	21.76 1.83 -0.01	25.21 2.00 -0.01	31.63 2.21 -0.01	37.94 2.86 -2.57	33.97 3.00 -0.01	37.44 2.62 -8.15	41.51 2.51 -12.88	44.01 2.52 -14.12	45.21 2.54 -15.10	49.72 2.56 -18.76	55.50 2.42 -24.99	59.24 2.55 -26.02	68.24 2.91 -31.12	93.07 3.84 -44.61	73.94 3.89 -18.86	70.59 3.98 -16.86	55.73 3.27 -7.06	50.90 2.51 -6.47	45.53 2.42 -6.50	44.22 2.30 -9.99
CALSPAN___DRP 24200	24.62 -0.58 0.00	22.22 -0.09 0.00	21.25 0.19 0.00	19.47 -0.02 0.00	19.86 -0.06 0.00	23.41 0.21 0.00	28.94 -0.47 0.00	31.73 -0.78 0.00	30.92 -0.03 0.00	26.60 -0.11 -0.03	26.04 -0.13 -0.05	27.48 0.11 0.00	27.71 0.08 -0.05	28.66 0.26 0.00	28.17 -0.06 -0.13	30.58 -0.31 -0.21	33.98 -0.62 -0.38	43.20 -2.23 -0.82	49.41 -2.25 -0.48	47.91 -1.89 -0.06	44.49 -0.91 0.00	40.83 -1.09 0.00	35.95 -0.66 0.00	32.41 0.48 0.00

CALVERTON___SOLAR 323806	31.38 2.22 -3.96	24.73 2.21 -0.20	22.97 1.90 -0.01	21.51 2.01 -0.01	21.92 1.99 -0.01	25.09 1.88 -0.01	31.36 1.94 -0.01	37.70 3.12 -2.06	33.93 2.97 -0.01	35.49 2.51 -6.31	38.40 2.64 -9.64	39.39 2.49 -9.53	40.87 2.54 -10.76	44.20 2.67 -13.13	48.09 2.42 -17.58	57.53 2.64 -24.21	92.90 3.01 -55.68	118.86 3.97 -70.28	134.78 4.10 -79.50	60.18 4.28 -6.16	53.95 3.63 -4.92	49.07 2.72 -4.43	41.02 2.67 -1.74	38.93 2.68 -4.32
CANDIGU_WT_PWR 323617	24.39 -0.81 0.00	21.84 -0.47 0.00	20.83 -0.23 0.00	19.29 -0.19 0.00	19.78 -0.14 0.00	23.34 0.14 0.00	29.23 -0.18 0.00	32.02 -0.49 0.00	30.74 -0.22 0.00	26.43 -0.29 -0.05	25.86 -0.34 -0.08	27.18 -0.19 0.00	27.40 -0.25 -0.07	28.26 -0.14 0.00	28.06 -0.23 -0.19	30.68 -0.31 -0.30	34.61 -0.17 -0.56	44.57 -1.25 -1.20	50.80 -1.08 -0.69	49.23 -0.59 -0.08	45.39 0.00 0.00	41.71 -0.21 0.00	36.50 -0.11 0.00	32.60 0.67 0.00
CARR STREET_E_SYR 24060	25.20 0.00 0.00	22.38 0.07 0.00	21.15 0.08 0.00	19.51 0.02 0.00	19.94 0.02 0.00	23.27 0.07 0.00	29.44 0.03 0.00	32.38 -0.13 0.00	30.92 -0.03 0.00	26.62 -0.05 0.00	26.04 -0.08 0.00	27.40 0.03 0.00	27.60 0.03 0.00	28.43 0.03 0.00	28.12 0.03 0.00	30.62 -0.06 0.00	34.18 -0.03 0.00	44.35 -0.27 0.00	50.88 -0.31 0.00	49.55 -0.20 0.00	45.30 -0.09 0.00	41.67 -0.25 0.00	36.32 -0.29 0.00	31.80 -0.13 0.00
CARTHAGE___PAPER 23857	25.20 0.00 0.00	22.33 0.02 0.00	21.09 0.02 0.00	19.49 0.00 0.00	20.00 0.08 0.00	23.41 0.21 0.00	29.67 0.26 0.00	32.67 0.16 0.00	30.77 -0.18 0.00	26.25 -0.43 0.00	25.62 -0.50 0.00	26.90 -0.47 0.00	27.00 -0.58 0.00	27.81 -0.60 0.00	27.59 -0.50 0.00	30.32 -0.37 0.00	33.87 -0.34 0.00	44.21 -0.40 0.00	51.29 0.10 0.00	50.19 0.45 0.00	46.08 0.68 0.00	42.80 0.88 0.00	37.08 0.47 0.00	32.34 0.41 0.00
CASSADAGA_WT_PWR 323784	24.12 -1.08 0.00	21.84 -0.47 0.00	20.96 -0.10 0.00	19.53 0.04 0.00	20.10 0.18 0.00	23.83 0.63 0.00	29.53 0.12 0.00	32.54 0.03 0.00	31.67 0.71 0.00	27.22 0.51 -0.04	26.65 0.47 -0.06	28.08 0.71 0.00	28.35 0.72 -0.05	29.31 0.91 0.00	28.85 0.62 -0.14	31.33 0.43 -0.22	35.00 0.38 -0.41	44.28 -1.20 -0.87	50.68 -1.02 -0.51	49.11 -0.70 -0.06	45.48 0.09 0.00	41.83 -0.08 0.00	36.65 0.04 0.00	32.98 1.05 0.00
CE_DUNWOOD___DRP 24194	27.09 1.89 0.00	24.08 1.76 0.00	22.60 1.54 0.00	20.91 1.42 0.00	21.31 1.39 0.00	24.69 1.48 0.00	31.03 1.62 0.00	34.59 2.08 0.00	33.28 2.32 0.00	31.56 2.11 -2.78	33.67 2.12 -5.43	35.53 2.27 -5.89	37.26 2.34 -7.34	37.08 2.56 -6.12	41.51 2.53 -10.89	44.39 2.76 -10.94	51.50 3.15 -14.14	79.01 4.24 -30.15	72.69 4.30 -17.20	56.10 4.28 -2.07	48.80 3.40 0.00	44.47 2.56 0.00	38.84 2.23 0.00	34.04 1.98 -0.13
CE_MILLWOOD___DRP 24193	27.04 1.84 0.00	24.01 1.70 0.00	22.56 1.50 0.00	20.87 1.38 0.00	21.25 1.33 0.00	24.64 1.44 0.00	30.97 1.56 0.00	34.49 1.98 0.00	33.18 2.23 0.00	31.24 2.00 -2.57	33.06 2.01 -4.93	34.57 2.19 -5.01	36.36 2.26 -6.53	36.06 2.47 -5.18	40.55 2.44 -10.01	43.88 2.67 -10.52	51.61 3.08 -14.32	79.26 4.10 -30.54	72.80 4.20 -17.42	55.97 4.13 -2.10	48.71 3.31 0.00	44.39 2.47 0.00	38.73 2.12 0.00	33.94 1.88 -0.13
CE_NYC2_DRP 24202	27.43 2.22 -0.01	24.35 2.03 -0.01	22.86 1.79 -0.01	21.15 1.66 -0.01	21.54 1.61 -0.01	24.94 1.74 0.00	31.35 1.94 0.00	34.95 2.44 0.00	33.62 2.66 0.00	33.13 2.35 -4.11	36.96 2.38 -8.46	40.94 2.52 -11.05	42.31 2.56 -12.17	42.75 2.76 -11.59	47.10 2.75 -16.25	47.45 2.98 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.83 4.81 -16.83	56.50 4.73 -2.03	49.21 3.81 0.00	44.89 2.98 0.00	39.36 2.75 -0.01	34.50 2.43 -0.14
CE_NYC_DRP 24195	27.32 2.12 0.00	24.28 1.96 0.00	22.79 1.73 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.29 1.88 0.00	34.92 2.41 0.00	33.62 2.66 0.00	32.92 2.40 -3.84	36.38 2.40 -7.86	39.98 2.57 -10.04	41.41 2.62 -11.22	41.77 2.84 -10.52	46.09 2.81 -15.18	46.92 3.04 -13.21	51.56 3.49 -13.86	78.80 4.64 -29.55	72.79 4.76 -16.84	56.50 4.73 -2.03	49.21 3.81 0.00	44.81 2.89 0.00	39.25 2.64 0.00	34.39 2.33 -0.14
CHAFFEE___LFGE 323603	24.67 -0.53 0.00	22.18 -0.13 0.00	21.19 0.13 0.00	19.49 0.00 0.00	19.84 -0.08 0.00	23.43 0.23 0.00	29.00 -0.41 0.00	31.86 -0.65 0.00	30.95 0.00 0.00	26.61 -0.11 -0.04	26.05 -0.13 -0.06	27.48 0.11 0.00	27.74 0.11 -0.05	28.72 0.31 0.00	28.26 0.03 -0.14	30.69 -0.21 -0.22	34.24 -0.38 -0.40	43.47 -2.01 -0.86	49.69 -2.00 -0.50	48.11 -1.69 -0.06	44.58 -0.82 0.00	40.99 -0.92 0.00	36.06 -0.55 0.00	32.47 0.54 0.00
CHATEAUG_35_KV_LOAD 355732	24.07 -1.13 0.00	21.20 -1.12 0.00	20.18 -0.88 0.00	18.71 -0.78 0.00	19.24 -0.68 0.00	22.48 -0.72 0.00	28.76 -0.65 0.00	31.80 -0.72 0.00	29.99 -0.96 0.00	25.88 -0.80 0.00	25.28 -0.84 0.00	26.36 -1.01 0.00	26.56 -1.02 0.00	27.27 -1.14 0.00	27.06 -1.04 0.00	29.61 -1.07 0.00	33.05 -1.16 0.00	43.19 -1.43 0.00	50.11 -1.07 0.00	48.70 -1.04 0.00	44.67 -0.73 0.00	41.75 -0.17 0.00	36.68 0.07 0.00	32.02 0.10 0.00
CHATEAUG_WT_PWR 323614	23.97 -1.23 0.00	21.13 -1.18 0.00	20.12 -0.95 0.00	18.65 -0.84 0.00	19.20 -0.72 0.00	22.44 -0.77 0.00	28.70 -0.71 0.00	31.77 -0.75 0.00	29.96 -0.99 0.00	25.88 -0.80 0.00	25.26 -0.86 0.00	26.36 -1.01 0.00	26.53 -1.05 0.00	27.27 -1.14 0.00	27.00 -1.10 0.00	29.58 -1.10 0.00	32.98 -1.23 0.00	43.05 -1.56 0.00	49.91 -1.28 0.00	48.55 -1.19 0.00	44.53 -0.86 0.00	41.67 -0.25 0.00	36.61 0.00 0.00	31.99 0.06 0.00
CHAT_HIGH_FALL_HYD 323578	24.07 -1.13 0.00	21.20 -1.12 0.00	20.18 -0.88 0.00	18.71 -0.78 0.00	19.24 -0.68 0.00	22.48 -0.72 0.00	28.76 -0.65 0.00	31.80 -0.72 0.00	29.99 -0.96 0.00	25.88 -0.80 0.00	25.28 -0.84 0.00	26.36 -1.01 0.00	26.56 -1.02 0.00	27.27 -1.14 0.00	27.06 -1.04 0.00	29.61 -1.07 0.00	33.05 -1.16 0.00	43.19 -1.43 0.00	50.11 -1.07 0.00	48.70 -1.04 0.00	44.67 -0.73 0.00	41.75 -0.17 0.00	36.68 0.07 0.00	32.02 0.10 0.00
CHAUTAUQUA___LFGE 323629	24.52 -0.68 0.00	22.11 -0.20 0.00	21.17 0.11 0.00	19.59 0.10 0.00	20.04 0.12 0.00	23.71 0.51 0.00	29.29 -0.12 0.00	32.22 -0.29 0.00	31.30 0.34 0.00	26.90 0.19 -0.03	26.33 0.16 -0.06	27.78 0.41 0.00	28.04 0.41 -0.05	29.00 0.60 0.00	28.51 0.28 -0.13	30.95 0.06 -0.21	34.53 -0.07 -0.39	43.80 -1.65 -0.84	50.10 -1.59 -0.50	48.56 -1.24 -0.06	45.03 -0.36 0.00	41.42 -0.50 0.00	36.39 -0.22 0.00	32.76 0.83 0.00
CHERRYST_13_KV_LD 356241	27.39 2.19 0.00	24.34 2.03 0.00	22.85 1.79 0.00	21.13 1.64 0.00	21.53 1.61 0.00	24.94 1.74 0.00	31.41 2.00 0.00	35.05 2.54 0.00	33.74 2.79 0.00	33.06 2.53 -3.85	36.52 2.53 -7.87	40.14 2.71 -10.06	41.59 2.79 -11.23	41.93 2.98 -10.54	46.25 2.95 -15.20	47.12 3.22 -13.22	51.73 3.66 -13.86	79.02 4.86 -29.55	73.05 5.02 -16.84	56.75 4.97 -2.03	49.43 4.04 0.00	44.98 3.06 0.00	39.39 2.78 0.00	34.49 2.43 -0.14

CHESTROR_138KV_BK263 355645	26.66 1.46 0.00	23.67 1.36 0.00	22.26 1.20 0.00	20.60 1.11 0.00	20.99 1.08 0.00	24.34 1.14 0.00	30.61 1.21 0.00	34.04 1.53 0.00	32.69 1.73 0.00	29.81 1.55 -1.59	30.61 1.57 -2.93	31.46 1.70 -2.40	32.99 1.76 -3.65	32.81 1.96 -2.44	36.22 1.97 -6.16	40.07 2.15 -7.24	47.68 2.46 -11.01	71.40 3.30 -23.48	67.91 3.33 -13.39	54.69 3.33 -1.61	48.03 2.63 0.00	43.84 1.93 0.00	38.26 1.65 0.00	33.48 1.44 -0.12
CH_MIDHUDSON___DRP 24192	26.86 1.66 0.00	23.87 1.56 0.00	22.43 1.37 0.00	20.76 1.27 0.00	21.15 1.23 0.00	24.52 1.32 0.00	30.79 1.38 0.00	34.30 1.79 0.00	32.90 1.95 0.00	28.65 1.68 -0.29	28.22 1.70 -0.40	28.92 1.86 0.31	29.81 1.99 -0.24	30.22 2.19 0.37	31.37 2.19 -1.08	35.20 2.42 -2.10	41.27 2.77 -4.29	57.51 3.75 -9.15	60.20 3.79 -5.22	54.10 3.73 -0.63	48.39 3.00 0.00	44.18 2.26 0.00	38.44 1.83 0.00	33.66 1.60 -0.14
CH_MISC_IPPS 23765	26.99 1.79 0.00	23.99 1.67 0.00	22.50 1.43 0.00	20.83 1.34 0.00	21.25 1.33 0.00	24.64 1.44 0.00	30.97 1.56 0.00	34.59 2.08 0.00	33.24 2.29 0.00	29.31 1.97 -0.66	29.15 1.98 -1.04	29.59 2.16 -0.06	30.88 2.32 -0.99	30.87 2.47 0.00	33.09 2.50 -2.49	37.34 2.70 -3.96	44.63 3.04 -7.37	64.45 4.10 -15.74	64.41 4.25 -8.98	55.00 4.18 -1.08	48.80 3.41 0.00	44.47 2.56 0.00	38.73 2.12 0.00	33.91 1.85 -0.13
CH_RES_BVR_FALLS 23983	24.57 -0.63 0.00	21.73 -0.58 0.00	20.56 -0.51 0.00	19.04 -0.45 0.00	19.52 -0.40 0.00	22.78 -0.42 0.00	29.00 -0.41 0.00	32.09 -0.42 0.00	30.46 -0.50 0.00	26.28 -0.40 0.00	25.70 -0.42 0.00	26.88 -0.49 0.00	27.05 -0.52 0.00	27.84 -0.57 0.00	27.53 -0.56 0.00	30.13 -0.55 0.00	33.60 -0.61 0.00	43.90 -0.72 0.00	50.52 -0.67 0.00	49.05 -0.70 0.00	44.80 -0.59 0.00	41.50 -0.42 0.00	36.36 -0.25 0.00	31.71 -0.22 0.00
CH_RES_NIAGARA 23895	24.02 -1.18 0.00	21.64 -0.67 0.00	20.69 -0.38 0.00	18.92 -0.57 0.00	19.30 -0.62 0.00	22.74 -0.46 0.00	27.92 -1.47 0.02	30.54 -1.95 0.02	29.76 -1.18 0.02	25.57 -1.12 -0.01	25.03 -1.12 -0.03	26.39 -0.96 0.02	26.61 -0.99 -0.03	27.48 -0.91 0.02	26.96 -1.24 -0.10	29.19 -1.66 -0.17	32.52 -2.02 -0.33	41.37 -3.97 -0.72	47.35 -4.25 -0.41	45.72 -4.08 -0.05	42.58 -2.81 0.00	39.11 -2.81 0.00	34.52 -2.09 0.00	31.23 -0.70 0.00
CH_RES_SYRACUSE 23985	25.20 0.00 0.00	22.36 0.04 0.00	21.13 0.06 0.00	19.51 0.02 0.00	19.94 0.02 0.00	23.27 0.07 0.00	29.44 0.03 0.00	32.38 -0.13 0.00	30.92 -0.03 0.00	26.60 -0.08 0.00	26.02 -0.10 0.00	27.37 0.00 0.00	27.58 0.00 0.00	28.38 -0.03 0.00	28.07 -0.03 0.00	30.56 -0.12 0.00	34.11 -0.10 0.00	44.26 -0.36 0.00	50.83 -0.36 0.00	49.50 -0.25 0.00	45.26 -0.14 0.00	41.63 -0.29 0.00	36.32 -0.29 0.00	31.77 -0.16 0.00
CLINTON_WT_PWR 323605	23.97 -1.23 0.00	21.13 -1.18 0.00	20.12 -0.95 0.00	18.65 -0.84 0.00	19.20 -0.72 0.00	22.44 -0.77 0.00	28.70 -0.71 0.00	31.77 -0.75 0.00	29.96 -0.99 0.00	25.88 -0.80 0.00	25.26 -0.86 0.00	26.36 -1.01 0.00	26.53 -1.05 0.00	27.27 -1.14 0.00	27.00 -1.10 0.00	29.58 -1.10 0.00	32.98 -1.23 0.00	43.05 -1.56 0.00	49.91 -1.28 0.00	48.55 -1.19 0.00	44.53 -0.86 0.00	41.67 -0.25 0.00	36.61 0.00 0.00	31.99 0.06 0.00
CLINTON___LFGE 323618	24.32 -0.88 0.00	21.40 -0.92 0.00	20.43 -0.63 0.00	18.92 -0.57 0.00	19.50 -0.42 0.00	22.78 -0.42 0.00	29.11 -0.29 0.00	32.25 -0.26 0.00	30.43 -0.53 0.00	26.22 -0.45 0.00	25.57 -0.55 0.00	26.71 -0.66 0.00	26.97 -0.61 0.00	27.70 -0.71 0.00	27.42 -0.67 0.00	30.10 -0.58 0.00	33.60 -0.61 0.00	43.77 -0.85 0.00	50.83 -0.36 0.00	49.20 -0.55 0.00	45.30 -0.09 0.00	42.38 0.46 0.00	37.27 0.66 0.00	32.60 0.67 0.00
COBBLENY_34_KV_TB1 80064	24.67 -0.53 0.00	22.25 -0.07 0.00	21.27 0.21 0.00	19.49 0.00 0.00	19.90 -0.02 0.00	23.43 0.23 0.00	29.00 -0.41 0.00	31.80 -0.72 0.00	31.02 0.06 0.00	26.68 -0.03 -0.04	26.12 -0.05 -0.06	27.56 0.19 0.00	27.80 0.17 -0.05	28.75 0.34 0.00	28.29 0.06 -0.14	30.71 -0.18 -0.22	34.17 -0.44 -0.40	43.47 -2.01 -0.86	49.64 -2.05 -0.50	48.11 -1.69 -0.06	44.62 -0.77 0.00	40.99 -0.92 0.00	36.02 -0.59 0.00	32.47 0.54 0.00
COFFEEN___115KV_TB3 355620	25.50 0.30 0.00	22.62 0.31 0.00	21.34 0.27 0.00	19.70 0.21 0.00	20.26 0.34 0.00	23.71 0.51 0.00	30.06 0.65 0.00	33.10 0.59 0.00	31.11 0.15 0.00	26.49 -0.19 0.00	25.86 -0.26 0.00	27.20 -0.16 0.00	27.25 -0.33 0.00	28.04 -0.37 0.00	27.90 -0.20 0.00	30.59 -0.09 0.00	34.14 -0.07 0.00	44.61 0.00 0.00	51.85 0.67 0.00	50.89 1.14 0.00	46.76 1.36 0.00	43.43 1.51 0.00	37.49 0.88 0.00	32.69 0.77 0.00
COLDSPRG_115KV_BK1 355956	24.65 -0.55 0.00	22.29 -0.02 0.00	21.38 0.32 0.00	19.70 0.21 0.00	20.22 0.30 0.00	23.87 0.67 0.00	29.70 0.29 0.00	32.64 0.13 0.00	31.79 0.84 0.00	27.38 0.67 -0.04	26.81 0.63 -0.06	28.22 0.85 0.00	28.43 0.80 -0.06	29.43 1.02 0.00	29.00 0.76 -0.15	31.53 0.61 -0.23	35.19 0.55 -0.43	44.55 -0.98 -0.92	50.85 -0.87 -0.53	49.31 -0.50 -0.06	45.67 0.27 0.00	41.92 0.00 0.00	36.72 0.11 0.00	33.14 1.21 0.00
COLONIE_LFGE___ 323577	26.38 1.18 0.00	23.45 1.14 0.00	22.05 0.99 0.00	20.43 0.94 0.00	20.84 0.92 0.00	24.15 0.95 0.00	30.32 0.91 0.00	33.85 1.33 0.00	32.22 1.27 0.00	27.40 0.96 0.23	26.67 0.97 0.42	28.15 1.07 0.29	28.24 1.16 0.50	29.34 1.22 0.29	28.41 1.21 0.90	30.97 1.41 1.12	34.09 1.68 1.79	42.97 2.19 3.83	51.10 2.10 2.18	51.57 2.09 0.26	47.16 1.77 0.00	43.22 1.30 0.00	37.49 0.88 0.00	32.51 0.73 0.15
COOPERNY_115KV_TB1 80082	26.28 1.08 0.00	23.32 1.00 0.00	21.95 0.88 0.00	20.31 0.82 0.00	20.72 0.80 0.00	24.06 0.86 0.00	30.29 0.88 0.00	33.62 1.11 0.00	32.25 1.30 0.00	28.71 1.15 -0.88	28.81 1.12 -1.57	29.66 1.26 -1.03	30.73 1.30 -1.86	30.89 1.45 -1.03	32.93 1.43 -3.40	36.57 1.56 -4.33	43.03 1.81 -7.00	61.97 2.41 -14.94	62.12 2.41 -8.52	53.21 2.44 -1.03	47.35 1.95 0.00	43.34 1.43 0.00	37.78 1.17 0.00	33.07 1.05 -0.08
COPENHAGEN_WT_PWR 323753	25.33 0.13 0.00	22.47 0.16 0.00	21.21 0.15 0.00	19.59 0.10 0.00	20.10 0.18 0.00	23.53 0.32 0.00	29.82 0.41 0.00	32.77 0.26 0.00	30.86 -0.09 0.00	26.33 -0.35 0.00	25.73 -0.39 0.00	27.04 -0.33 0.00	27.13 -0.44 0.00	27.95 -0.46 0.00	27.70 -0.39 0.00	30.44 -0.25 0.00	34.01 -0.20 0.00	44.35 -0.27 0.00	51.45 0.26 0.00	50.39 0.65 0.00	46.25 0.86 0.00	42.88 0.96 0.00	37.12 0.51 0.00	32.41 0.48 0.00
CORNELL_____ 23752	25.65 0.45 0.00	22.78 0.47 0.00	21.57 0.51 0.00	19.88 0.39 0.00	20.34 0.42 0.00	23.78 0.58 0.00	30.06 0.65 0.00	33.13 0.62 0.00	31.60 0.65 0.00	27.18 0.45 -0.05	26.57 0.37 -0.08	27.87 0.49 0.00	28.12 0.47 -0.08	28.92 0.51 0.00	28.80 0.51 -0.20	31.52 0.52 -0.32	35.45 0.65 -0.59	46.54 0.67 -1.26	52.83 0.92 -0.72	50.98 1.14 -0.09	46.57 1.18 0.00	42.80 0.88 0.00	37.27 0.66 0.00	32.69 0.77 0.00

CORONA V_69_KV_TB1 355595	34.60 2.29 -7.11	24.82 2.14 -0.36	23.04 1.96 -0.02	21.32 1.81 -0.02	21.73 1.79 -0.02	25.19 1.97 -0.02	31.63 2.21 -0.02	38.85 2.63 -3.70	33.82 2.85 -0.02	41.41 2.48 -12.26	48.74 2.51 -20.11	54.29 2.57 -24.34	54.93 2.59 -24.77	62.45 2.73 -31.32	77.33 2.67 -46.57	88.60 2.85 -55.07	100.05 3.28 -62.55	115.95 4.42 -66.92	81.58 4.50 -25.89	121.93 4.53 -67.65	80.38 3.77 -31.22	67.77 2.98 -22.88	65.35 2.78 -25.95	66.49 2.46 -32.10
CORTLAND_115KV_TB3 80093	25.55 0.35 0.00	22.71 0.40 0.00	21.46 0.40 0.00	19.80 0.31 0.00	20.26 0.34 0.00	23.64 0.44 0.00	29.88 0.47 0.00	32.97 0.46 0.00	31.48 0.53 0.00	27.07 0.35 -0.04	26.50 0.31 -0.07	27.81 0.44 0.00	28.06 0.41 -0.06	28.83 0.43 0.00	28.68 0.42 -0.17	31.37 0.43 -0.26	35.25 0.55 -0.49	46.15 0.49 -1.04	52.40 0.61 -0.59	50.61 0.80 -0.07	46.21 0.82 0.00	42.50 0.59 0.00	37.01 0.40 0.00	32.44 0.51 0.00
COXSACKIE__GT 23611	26.66 1.46 0.00	23.67 1.36 0.00	22.29 1.22 0.00	20.58 1.09 0.00	21.03 1.11 0.00	24.41 1.21 0.00	30.67 1.26 0.00	34.04 1.53 0.00	32.38 1.42 0.00	27.79 1.07 -0.04	27.18 0.99 -0.07	28.11 0.74 0.00	28.52 0.88 -0.07	29.34 0.94 0.00	29.75 1.49 -0.16	32.72 1.78 -0.26	36.78 2.09 -0.49	48.55 2.90 -1.04	55.10 3.33 -0.59	53.20 3.38 -0.07	48.30 2.91 0.00	44.18 2.26 0.00	38.26 1.65 0.00	33.30 1.40 0.04
CPV_VALLEY__CC1 323721	26.46 1.26 0.00	23.52 1.20 0.00	22.08 1.01 0.00	20.44 0.95 0.00	20.86 0.94 0.00	24.18 0.97 0.00	30.41 1.00 0.00	33.94 1.43 0.00	32.59 1.64 0.00	29.35 1.47 -1.20	29.73 1.46 -2.14	30.40 1.59 -1.45	31.78 1.65 -2.55	31.62 1.76 -1.45	34.47 1.74 -4.63	38.40 1.87 -5.84	45.78 2.16 -9.41	67.55 2.86 -20.08	65.51 2.86 -11.46	54.01 2.88 -1.38	47.62 2.22 0.00	43.51 1.59 0.00	37.97 1.36 0.00	33.22 1.18 -0.11
CPV_VALLEY__CC2 323722	26.46 1.26 0.00	23.52 1.20 0.00	22.08 1.01 0.00	20.44 0.95 0.00	20.86 0.94 0.00	24.18 0.97 0.00	30.41 1.00 0.00	33.94 1.43 0.00	32.59 1.64 0.00	29.35 1.47 -1.20	29.73 1.46 -2.14	30.40 1.59 -1.45	31.78 1.65 -2.55	31.62 1.76 -1.45	34.47 1.74 -4.63	38.40 1.87 -5.84	45.78 2.16 -9.41	67.55 2.86 -20.08	65.51 2.86 -11.46	54.01 2.88 -1.38	47.62 2.22 0.00	43.51 1.59 0.00	37.97 1.36 0.00	33.22 1.18 -0.11
CRESCENT__HYD 24018	26.38 1.18 0.00	23.45 1.14 0.00	22.05 0.99 0.00	20.43 0.94 0.00	20.84 0.92 0.00	24.15 0.95 0.00	30.32 0.91 0.00	33.85 1.33 0.00	32.22 1.27 0.00	27.40 0.96 0.23	26.67 0.97 0.42	28.15 1.07 0.29	28.24 1.16 0.50	29.34 1.22 0.29	28.41 1.21 0.90	30.97 1.41 1.12	34.09 1.68 1.79	42.97 2.19 3.83	51.10 2.10 2.18	51.57 2.09 0.26	47.16 1.77 0.00	43.22 1.30 0.00	37.49 0.88 0.00	32.51 0.73 0.15
CRICKET__VALLEY_CC1 323756	26.61 1.41 0.00	23.67 1.36 0.00	22.20 1.14 0.00	20.58 1.09 0.00	20.99 1.07 0.00	24.29 1.09 0.00	30.41 1.00 0.00	34.10 1.59 0.00	32.62 1.67 0.00	27.52 1.41 0.56	26.55 1.44 1.01	28.25 1.56 0.67	28.04 1.65 1.19	29.49 1.76 0.67	27.67 1.74 2.17	29.80 1.87 2.75	31.97 2.19 4.43	38.19 3.04 9.46	48.66 2.86 5.40	51.98 2.88 0.65	47.66 2.27 0.00	43.51 1.59 0.00	37.82 1.21 0.00	31.44 1.05 1.54
CRICKET__VALLEY_CC2 323757	26.61 1.41 0.00	23.67 1.36 0.00	22.20 1.14 0.00	20.58 1.09 0.00	20.99 1.07 0.00	24.29 1.09 0.00	30.41 1.00 0.00	34.10 1.59 0.00	32.62 1.67 0.00	27.52 1.41 0.56	26.55 1.44 1.01	28.25 1.56 0.67	28.04 1.65 1.19	29.49 1.76 0.67	27.67 1.74 2.17	29.80 1.87 2.75	31.97 2.19 4.43	38.19 3.04 9.46	48.66 2.86 5.40	51.98 2.88 0.65	47.66 2.27 0.00	43.51 1.59 0.00	37.82 1.21 0.00	31.44 1.05 1.54
CRICKET__VALLEY_CC3 323758	26.61 1.41 0.00	23.67 1.36 0.00	22.20 1.14 0.00	20.58 1.09 0.00	20.99 1.07 0.00	24.29 1.09 0.00	30.41 1.00 0.00	34.10 1.59 0.00	32.62 1.67 0.00	27.52 1.41 0.56	26.55 1.44 1.01	28.25 1.56 0.67	28.04 1.65 1.19	29.49 1.76 0.67	27.67 1.74 2.17	29.80 1.87 2.75	31.97 2.19 4.43	38.19 3.04 9.46	48.66 2.86 5.40	51.98 2.88 0.65	47.66 2.27 0.00	43.51 1.59 0.00	37.82 1.21 0.00	31.44 1.05 1.54
CRUCIBLE_METL_DRP 24180	25.20 0.00 0.00	22.38 0.07 0.00	21.15 0.08 0.00	19.51 0.02 0.00	19.94 0.02 0.00	23.27 0.07 0.00	29.44 0.03 0.00	32.48 -0.03 0.00	31.02 0.06 0.00	26.70 0.03 0.00	26.12 0.00 0.00	27.48 0.11 0.00	27.66 0.08 0.00	28.43 0.03 0.00	28.07 -0.03 0.00	30.59 -0.09 0.00	34.11 -0.10 0.00	44.26 -0.36 0.00	50.83 -0.36 0.00	49.50 -0.25 0.00	45.26 -0.14 0.00	41.62 -0.29 0.00	36.32 -0.29 0.00	31.77 -0.16 0.00
DAHOWA__HYDRO 323763	26.86 1.66 0.00	23.87 1.56 0.00	22.43 1.37 0.00	20.74 1.25 0.00	21.17 1.26 0.00	24.62 1.42 0.00	30.91 1.50 0.00	34.36 1.85 0.00	32.66 1.70 0.00	27.71 1.25 0.22	26.96 1.23 0.39	28.36 1.26 0.27	28.49 1.38 0.47	29.55 1.42 0.27	28.69 1.43 0.84	31.35 1.72 1.05	34.72 2.19 1.68	43.44 2.41 3.58	51.80 2.66 2.04	52.18 2.68 0.25	47.84 2.45 0.00	43.85 1.93 0.00	38.04 1.43 0.00	32.99 1.18 0.12
DANC__LFGE 323619	25.15 -0.05 0.00	22.31 0.00 0.00	21.06 0.00 0.00	19.45 -0.04 0.00	19.92 0.00 0.00	23.29 0.09 0.00	29.47 0.06 0.00	32.41 -0.10 0.00	30.67 -0.28 0.00	26.28 -0.40 0.00	25.70 -0.42 0.00	27.01 -0.36 0.00	27.13 -0.44 0.00	27.95 -0.46 0.00	27.64 -0.45 0.00	30.28 -0.40 0.00	33.80 -0.41 0.00	44.03 -0.58 0.00	50.88 -0.31 0.00	49.75 0.00 0.00	45.58 0.18 0.00	42.21 0.30 0.00	36.65 0.04 0.00	31.99 0.06 0.00
DANSKAMMER__1 23586	26.99 1.79 0.00	23.99 1.67 0.00	22.50 1.43 0.00	20.83 1.34 0.00	21.25 1.33 0.00	24.64 1.44 0.00	30.97 1.56 0.00	34.59 2.08 0.00	33.24 2.29 0.00	29.31 1.97 -0.66	29.15 1.98 -1.04	29.59 2.16 -0.06	30.88 2.32 -0.99	30.87 2.47 0.00	33.09 2.50 -2.49	37.34 2.70 -3.96	44.63 3.04 -7.37	64.45 4.10 -15.74	64.41 4.25 -8.98	55.00 4.18 -1.08	48.80 3.41 0.00	44.47 2.56 0.00	38.73 2.12 0.00	33.91 1.85 -0.13
DANSKAMMER__2 23589	26.99 1.79 0.00	23.99 1.67 0.00	22.50 1.43 0.00	20.83 1.34 0.00	21.25 1.33 0.00	24.64 1.44 0.00	30.97 1.56 0.00	34.59 2.08 0.00	33.24 2.29 0.00	29.31 1.97 -0.66	29.15 1.98 -1.04	29.59 2.16 -0.06	30.88 2.32 -0.99	30.87 2.47 0.00	33.09 2.50 -2.49	37.34 2.70 -3.96	44.63 3.04 -7.37	64.45 4.10 -15.74	64.41 4.25 -8.98	55.00 4.18 -1.08	48.80 3.41 0.00	44.47 2.56 0.00	38.73 2.12 0.00	33.91 1.85 -0.13
DANSKAMMER__3 23590	26.99 1.79 0.00	23.99 1.67 0.00	22.50 1.43 0.00	20.83 1.34 0.00	21.25 1.33 0.00	24.64 1.44 0.00	30.97 1.56 0.00	34.59 2.08 0.00	33.24 2.29 0.00	29.31 1.97 -0.66	29.15 1.98 -1.04	29.59 2.16 -0.06	30.88 2.32 -0.99	30.87 2.47 0.00	33.09 2.50 -2.49	37.34 2.70 -3.96	44.63 3.04 -7.37	64.45 4.10 -15.74	64.41 4.25 -8.98	55.00 4.18 -1.08	48.80 3.41 0.00	44.47 2.56 0.00	38.73 2.12 0.00	33.91 1.85 -0.13

DANSKAMMER___4 23591	26.99 1.79 0.00	23.99 1.67 0.00	22.50 1.43 0.00	20.83 1.34 0.00	21.25 1.33 0.00	24.64 1.44 0.00	30.97 1.56 0.00	34.59 2.08 0.00	33.24 2.29 0.00	29.31 1.97 -0.66	29.15 1.98 -1.04	29.59 2.16 -0.06	30.88 2.32 -0.99	30.87 2.47 0.00	33.09 2.50 -2.49	37.34 2.70 -3.96	44.63 3.04 -7.37	64.45 4.10 -15.74	64.41 4.25 -8.98	55.00 4.18 -1.08	48.80 3.41 0.00	44.47 2.56 0.00	38.73 2.12 0.00	33.91 1.85 -0.13
DANSKAMMER___DIESEL 23592	26.99 1.79 0.00	23.96 1.65 0.00	22.52 1.45 0.00	20.83 1.34 0.00	21.25 1.33 0.00	24.62 1.42 0.00	30.97 1.56 0.00	34.46 1.95 0.00	33.09 2.14 0.00	29.18 1.84 -0.66	29.02 1.85 -1.04	29.48 2.05 -0.06	30.74 2.18 -0.99	30.82 2.41 0.00	33.03 2.44 -2.49	37.31 2.67 -3.96	44.66 3.08 -7.37	64.46 4.10 -15.74	64.42 4.25 -8.98	55.00 4.18 -1.08	48.80 3.40 0.00	44.47 2.56 0.00	38.73 2.12 0.00	33.88 1.82 -0.13
DARBY___SOLAR 323810	26.74 1.54 0.00	23.76 1.45 0.00	22.35 1.29 0.00	20.66 1.17 0.00	21.09 1.17 0.00	24.50 1.30 0.00	30.79 1.38 0.00	34.23 1.72 0.00	32.53 1.58 0.00	27.60 1.15 0.22	26.85 1.12 0.39	28.25 1.15 0.27	28.38 1.27 0.47	29.44 1.31 0.27	28.60 1.35 0.85	31.22 1.59 1.06	34.57 2.05 1.70	43.31 2.32 3.62	51.63 2.51 2.07	52.03 2.54 0.25	47.66 2.27 0.00	43.68 1.76 0.00	37.93 1.32 0.00	32.88 1.09 0.13
DASHVILLE___HYD 23610	26.99 1.79 0.00	23.96 1.65 0.00	22.50 1.43 0.00	20.81 1.33 0.00	21.21 1.29 0.00	24.57 1.37 0.00	30.88 1.47 0.00	34.36 1.85 0.00	33.03 2.07 0.00	29.18 1.95 -0.56	28.95 1.96 -0.87	29.20 1.78 -0.05	30.66 2.26 -0.83	30.51 2.10 0.00	32.71 2.53 -2.09	36.76 2.76 -3.32	43.54 3.15 -6.18	62.04 4.24 -13.19	63.11 4.40 -7.52	55.03 4.38 -0.90	48.71 3.31 0.00	44.39 2.47 0.00	38.70 2.09 0.00	33.93 1.92 -0.09
DELAWARE___LFGE 323621	26.03 0.83 0.00	23.12 0.80 0.00	21.80 0.74 0.00	20.19 0.70 0.00	20.62 0.70 0.00	23.97 0.77 0.00	30.20 0.79 0.00	33.45 0.94 0.00	32.04 1.08 0.00	27.65 0.88 -0.10	27.13 0.86 -0.15	28.34 0.96 -0.01	28.68 0.97 -0.14	29.46 1.05 0.00	29.43 0.98 -0.35	32.34 1.10 -0.56	36.55 1.30 -1.04	48.48 1.65 -2.22	54.14 1.69 -1.26	51.69 1.79 -0.15	46.98 1.59 0.00	43.17 1.26 0.00	37.60 0.99 0.00	32.85 0.93 0.00
DERFIELD_115KV_TB7 355931	25.35 0.15 0.00	22.47 0.16 0.00	21.19 0.13 0.00	19.63 0.14 0.00	20.06 0.14 0.00	23.34 0.14 0.00	29.50 0.09 0.00	32.64 0.13 0.00	31.11 0.15 0.00	26.78 0.11 0.00	26.22 0.10 0.00	27.51 0.14 0.00	27.71 0.14 0.00	28.55 0.14 0.00	28.24 0.14 0.00	30.87 0.18 0.00	34.42 0.21 0.00	44.88 0.27 0.00	51.44 0.26 0.00	49.99 0.25 0.00	45.62 0.23 0.00	42.04 0.13 0.00	36.68 0.07 0.00	31.99 0.06 0.00
DOGLEVILLE___HYD 23807	25.30 0.10 0.00	22.36 0.04 0.00	21.06 0.00 0.00	19.49 0.00 0.00	19.92 0.00 0.00	23.22 0.02 0.00	29.41 0.00 0.00	32.54 0.03 0.00	30.98 0.03 0.00	26.68 0.00 0.00	26.09 -0.03 0.00	27.31 -0.05 0.00	27.49 -0.08 0.00	28.29 -0.11 0.00	28.01 -0.08 0.00	30.65 -0.03 0.00	34.28 0.07 0.00	44.79 0.18 0.00	51.44 0.26 0.00	50.14 0.40 0.00	45.80 0.41 0.00	42.29 0.38 0.00	36.87 0.26 0.00	32.18 0.26 0.00
DUNKIRK___115KV_TB_200 55889	24.57 -0.63 0.00	22.20 -0.11 0.00	21.27 0.21 0.00	19.59 0.10 0.00	20.06 0.14 0.00	23.69 0.49 0.00	29.23 -0.18 0.00	32.09 -0.42 0.00	31.33 0.37 0.00	26.92 0.21 -0.03	26.38 0.21 -0.05	27.81 0.44 0.00	28.01 0.39 -0.05	29.00 0.60 0.00	28.48 0.25 -0.13	30.92 0.03 -0.21	34.40 -0.21 -0.39	43.71 -1.74 -0.83	49.99 -1.69 -0.50	48.46 -1.34 -0.06	44.99 -0.41 0.00	41.33 -0.59 0.00	36.32 -0.29 0.00	32.73 0.80 0.00
DUNKIRK___1 23563	24.57 -0.63 0.00	22.20 -0.11 0.00	21.27 0.21 0.00	19.59 0.10 0.00	20.06 0.14 0.00	23.69 0.49 0.00	29.23 -0.18 0.00	32.09 -0.42 0.00	31.33 0.37 0.00	26.92 0.21 -0.03	26.38 0.21 -0.05	27.81 0.44 0.00	28.01 0.39 -0.05	29.00 0.60 0.00	28.48 0.25 -0.13	30.92 0.03 -0.21	34.40 -0.21 -0.39	43.71 -1.74 -0.83	49.99 -1.69 -0.50	48.46 -1.34 -0.06	44.99 -0.41 0.00	41.33 -0.59 0.00	36.32 -0.29 0.00	32.73 0.80 0.00
DUNKIRK___2 23564	24.57 -0.63 0.00	22.20 -0.11 0.00	21.27 0.21 0.00	19.59 0.10 0.00	20.06 0.14 0.00	23.69 0.49 0.00	29.23 -0.18 0.00	32.09 -0.42 0.00	31.33 0.37 0.00	26.92 0.21 -0.03	26.38 0.21 -0.05	27.81 0.44 0.00	28.01 0.39 -0.05	29.00 0.60 0.00	28.48 0.25 -0.13	30.92 0.03 -0.21	34.40 -0.21 -0.39	43.71 -1.74 -0.83	49.99 -1.69 -0.50	48.46 -1.34 -0.06	44.99 -0.41 0.00	41.33 -0.59 0.00	36.32 -0.29 0.00	32.73 0.80 0.00
DUNKIRK___3 23565	24.57 -0.63 0.00	22.18 -0.13 0.00	21.23 0.17 0.00	19.51 0.02 0.00	19.96 0.04 0.00	23.55 0.35 0.00	29.11 -0.29 0.00	31.93 -0.59 0.00	31.14 0.19 0.00	26.79 0.08 -0.03	26.23 0.05 -0.05	27.65 0.27 0.00	27.88 0.25 -0.05	28.83 0.43 0.00	28.34 0.11 -0.13	30.77 -0.12 -0.21	34.22 -0.38 -0.38	43.51 -1.92 -0.82	49.74 -1.95 -0.49	48.21 -1.59 -0.06	44.76 -0.64 0.00	41.12 -0.80 0.00	36.13 -0.48 0.00	32.57 0.64 0.00
DUNKIRK___4 23566	24.57 -0.63 0.00	22.18 -0.13 0.00	21.23 0.17 0.00	19.51 0.02 0.00	19.96 0.04 0.00	23.55 0.35 0.00	29.11 -0.29 0.00	31.93 -0.59 0.00	31.14 0.19 0.00	26.79 0.08 -0.03	26.23 0.05 -0.05	27.65 0.27 0.00	27.88 0.25 -0.05	28.83 0.43 0.00	28.34 0.11 -0.13	30.77 -0.12 -0.21	34.22 -0.38 -0.38	43.51 -1.92 -0.82	49.74 -1.95 -0.49	48.21 -1.59 -0.06	44.76 -0.64 0.00	41.12 -0.80 0.00	36.13 -0.48 0.00	32.57 0.64 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.17 1.97 0.00	24.12 1.81 0.00	22.67 1.60 0.00	20.97 1.48 0.00	21.35 1.43 0.00	24.73 1.53 0.00	31.11 1.71 0.00	34.69 2.18 0.00	33.40 2.45 0.00	29.45 2.19 -0.59	28.79 2.19 -0.47	27.35 2.35 2.38	29.50 2.43 0.51	28.40 2.64 2.64	32.74 2.61 -2.03	39.50 2.85 -5.96	51.30 3.28 -13.81	78.46 4.37 -29.48	72.47 4.45 -16.83	56.20 4.43 -2.02	48.93 3.54 0.00	44.60 2.68 0.00	38.95 2.34 0.00	34.14 2.08 -0.14
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.86 1.66 0.00	23.83 1.52 0.00	22.41 1.35 0.00	20.72 1.23 0.00	21.13 1.22 0.00	24.50 1.30 0.00	30.79 1.38 0.00	34.27 1.76 0.00	32.94 1.98 0.00	29.35 1.73 -0.94	29.45 1.72 -1.60	29.99 1.89 -0.73	31.33 1.99 -1.77	31.31 2.22 -0.69	33.91 2.22 -3.59	38.09 2.42 -4.98	45.56 2.77 -8.58	66.67 3.75 -18.30	65.47 3.84 -10.44	54.78 3.78 -1.26	48.44 3.04 0.00	44.18 2.26 0.00	38.51 1.90 0.00	33.71 1.66 -0.12
E179THST_138_KV_TB4_REV_LBMP_J 345001	27.45 2.24 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.23 1.73 -0.01	21.62 1.69 -0.01	25.02 1.81 -0.01	31.41 2.00 0.00	34.95 2.44 0.00	33.46 2.51 0.00	31.87 2.24 -2.95	34.20 2.25 -5.83	36.38 2.38 -6.63	41.40 2.43 -11.39	41.77 2.64 -10.72	46.09 2.61 -15.38	46.82 2.82 -13.31	51.28 3.22 -13.85	78.43 4.28 -29.53	72.78 4.76 -16.83	56.45 4.68 -2.03	49.21 3.81 0.00	44.98 3.06 -0.01	39.36 2.75 -0.01	34.47 2.39 -0.14

E179THST_13_KV_LOAD 356214	27.60 2.39 -0.01	24.55 2.23 -0.01	23.05 1.98 -0.01	21.31 1.81 -0.01	21.72 1.79 -0.01	25.13 1.93 -0.01	31.56 2.15 0.00	35.11 2.60 0.00	33.65 2.69 0.00	32.03 2.40 -2.95	34.35 2.40 -5.83	36.57 2.57 -6.63	41.59 2.62 -11.39	41.94 2.81 -10.72	46.29 2.81 -15.38	47.03 3.04 -13.31	51.52 3.46 -13.85	78.74 4.60 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.28 3.35 -0.01	39.58 2.97 -0.01	34.66 2.59 -0.14
EAST HAMPTON___GT 23717	31.51 2.34 -3.97	24.81 2.30 -0.20	23.01 1.94 -0.01	21.54 2.05 -0.01	21.96 2.03 -0.01	25.11 1.90 -0.01	31.42 2.00 -0.01	37.83 3.25 -2.07	34.18 3.22 -0.01	35.79 2.80 -6.31	38.67 2.90 -9.65	39.84 2.93 -9.54	41.38 3.03 -10.77	44.80 3.27 -13.13	48.81 3.12 -17.59	58.34 3.25 -24.41	93.80 3.73 -55.86	120.10 5.04 -70.45	136.02 5.07 -79.76	61.00 5.08 -6.17	54.92 4.58 -4.94	50.15 3.73 -4.51	41.87 3.51 -1.75	39.86 3.61 -4.33
EAST RIVER___6 23660	27.32 2.12 0.00	24.28 1.96 0.00	22.75 1.69 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.29 1.88 0.00	35.08 2.57 0.00	33.74 2.79 0.00	33.05 2.51 -3.86	36.53 2.51 -7.91	40.17 2.68 -10.12	41.62 2.76 -11.29	41.91 2.90 -10.60	46.20 2.84 -15.27	46.97 3.04 -13.25	51.52 3.45 -13.86	78.76 4.60 -29.55	72.74 4.71 -16.84	56.50 4.73 -2.03	49.25 3.86 0.00	44.81 2.89 0.00	39.25 2.64 0.00	34.39 2.33 -0.14
EAST RIVER___7 23524	27.32 2.12 0.00	24.28 1.96 0.00	22.75 1.69 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.29 1.88 0.00	35.08 2.57 0.00	33.74 2.79 0.00	33.05 2.51 -3.86	36.53 2.51 -7.91	40.17 2.68 -10.12	41.62 2.76 -11.29	41.91 2.90 -10.60	46.20 2.84 -15.27	46.97 3.04 -13.25	51.52 3.45 -13.86	78.76 4.60 -29.55	72.74 4.71 -16.84	56.50 4.73 -2.03	49.25 3.86 0.00	44.81 2.89 0.00	39.25 2.64 0.00	34.39 2.33 -0.14
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.09 1.89 0.00	24.08 1.76 0.00	22.60 1.54 0.00	20.91 1.42 0.00	21.31 1.39 0.00	24.69 1.48 0.00	31.03 1.62 0.00	34.59 2.08 0.00	33.28 2.32 0.00	31.56 2.11 -2.78	33.67 2.12 -5.43	35.53 2.27 -5.89	37.26 2.34 -7.34	37.08 2.56 -6.12	41.51 2.53 -10.89	44.39 2.76 -10.94	51.50 3.15 -14.14	79.01 4.24 -30.15	72.69 4.30 -17.20	56.10 4.28 -2.07	48.80 3.40 0.00	44.47 2.56 0.00	38.84 2.23 0.00	34.04 1.98 -0.13
EAST_HAMPTON___DIESEL 23722	31.46 2.29 -3.97	24.77 2.25 -0.20	22.97 1.90 -0.01	21.51 2.01 -0.01	21.92 1.99 -0.01	25.07 1.86 -0.01	31.36 1.94 -0.01	37.76 3.19 -2.07	34.12 3.16 -0.01	35.74 2.75 -6.31	38.59 2.82 -9.65	39.76 2.85 -9.54	41.30 2.95 -10.77	44.72 3.18 -13.13	48.72 3.04 -17.59	58.28 3.19 -24.41	93.73 3.66 -55.86	120.01 4.95 -70.45	135.86 4.91 -79.76	60.84 4.93 -6.17	54.79 4.45 -4.94	50.07 3.64 -4.51	41.80 3.44 -1.75	39.83 3.58 -4.33
EAST_POINT___SOLAR 323840	26.79 1.59 0.00	23.81 1.50 0.00	22.41 1.35 0.00	20.70 1.21 0.00	21.17 1.26 0.00	24.69 1.49 0.00	30.61 1.21 0.00	33.16 0.65 0.00	31.36 0.40 0.00	26.68 0.11 0.11	25.98 0.03 0.17	27.52 0.17 0.01	27.61 0.19 0.16	28.46 0.06 0.00	27.72 0.03 0.41	30.28 0.24 0.64	33.59 0.58 1.20	42.90 0.85 2.56	51.32 1.59 1.46	52.51 2.93 0.18	48.75 3.36 0.00	44.73 2.81 0.00	38.81 2.20 0.00	33.67 1.82 0.07
EAST_PULASKI___ESR 323781	25.00 -0.20 0.00	22.18 -0.13 0.00	20.94 -0.13 0.00	19.33 -0.16 0.00	19.78 -0.14 0.00	23.11 -0.09 0.00	29.20 -0.20 0.00	32.09 -0.42 0.00	30.52 -0.43 0.00	26.22 -0.45 0.00	25.68 -0.44 0.00	26.99 -0.38 0.00	27.16 -0.41 0.00	27.95 -0.46 0.00	27.64 -0.45 0.00	30.19 -0.49 0.00	33.66 -0.55 0.00	43.77 -0.85 0.00	50.42 -0.77 0.00	49.15 -0.59 0.00	44.98 -0.41 0.00	41.54 -0.38 0.00	36.17 -0.44 0.00	31.61 -0.32 0.00
EAST_RIVER___1 323558	27.32 2.12 0.00	24.28 1.96 0.00	22.75 1.69 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.29 1.88 0.00	35.08 2.57 0.00	33.77 2.82 0.00	33.05 2.54 -3.84	36.51 2.53 -7.86	40.09 2.68 -10.04	41.58 2.78 -11.22	41.82 2.90 -10.52	46.15 2.87 -15.18	46.95 3.07 -13.21	51.52 3.45 -13.86	78.80 4.64 -29.55	72.79 4.76 -16.84	56.50 4.73 -2.03	49.25 3.86 0.00	44.81 2.89 0.00	39.25 2.64 0.00	34.39 2.33 -0.14
EAST_RIVER___2 323559	27.32 2.12 0.00	24.28 1.96 0.00	22.75 1.69 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.29 1.88 0.00	35.08 2.57 0.00	33.74 2.79 0.00	33.05 2.51 -3.86	36.53 2.51 -7.91	40.17 2.68 -10.12	41.62 2.76 -11.29	41.91 2.90 -10.60	46.20 2.84 -15.27	46.97 3.04 -13.25	51.52 3.45 -13.86	78.76 4.60 -29.55	72.74 4.71 -16.84	56.50 4.73 -2.03	49.25 3.86 0.00	44.81 2.89 0.00	39.25 2.64 0.00	34.39 2.33 -0.14
EAST___DELAWARE_HYD 23607	26.94 1.74 0.00	23.92 1.61 0.00	22.45 1.39 0.00	20.78 1.29 0.00	21.20 1.28 0.00	24.59 1.39 0.00	30.94 1.53 0.00	34.53 2.02 0.00	33.15 2.20 0.00	29.34 1.89 -0.77	29.28 1.85 -1.30	29.97 2.05 -0.55	31.15 2.15 -1.42	31.25 2.33 -0.51	33.40 2.36 -2.94	37.39 2.58 -4.13	44.33 2.94 -7.18	63.86 3.93 -15.32	64.13 4.20 -8.74	54.98 4.18 -1.05	48.89 3.50 0.00	44.60 2.69 0.00	38.84 2.23 0.00	33.95 1.92 -0.10
EIGHT_POINT___WT_PWR 323820	24.04 -1.16 0.00	21.51 -0.80 0.00	20.60 -0.46 0.00	19.12 -0.37 0.00	19.70 -0.22 0.00	23.36 0.16 0.00	29.35 -0.06 0.00	32.19 -0.33 0.00	30.89 -0.06 0.00	26.56 -0.16 -0.05	25.96 -0.24 -0.07	27.35 -0.03 0.00	27.56 -0.08 -0.07	28.46 0.06 0.00	28.21 -0.06 -0.18	30.81 -0.15 -0.28	34.80 0.07 -0.52	44.70 -1.02 -1.11	51.10 -0.72 -0.63	49.67 -0.15 -0.08	45.85 0.45 0.00	42.13 0.21 0.00	36.87 0.26 0.00	32.98 1.05 0.00
ELBRIDGE_115KV_TB2 80188	25.00 -0.20 0.00	22.20 -0.11 0.00	21.00 -0.06 0.00	19.37 -0.12 0.00	19.78 -0.14 0.00	23.11 -0.09 0.00	29.20 -0.21 0.00	32.19 -0.33 0.00	30.77 -0.19 0.00	26.49 -0.19 0.00	25.91 -0.21 0.00	27.23 -0.14 0.00	27.44 -0.14 0.00	28.18 -0.23 0.00	27.79 -0.31 0.00	30.31 -0.37 0.00	33.80 -0.41 0.00	43.86 -0.76 0.00	50.32 -0.87 0.00	49.00 -0.75 0.00	44.85 -0.54 0.00	41.29 -0.63 0.00	36.02 -0.59 0.00	31.54 -0.38 0.00
ELEC_TRO_TEK 24086	34.35 2.14 -7.01	24.66 1.99 -0.36	22.89 1.81 -0.02	21.20 1.70 -0.02	21.59 1.65 -0.02	25.03 1.81 -0.02	31.42 2.00 -0.02	38.60 2.44 -3.65	33.60 2.63 -0.02	41.07 2.32 -12.07	48.23 2.32 -19.79	53.63 2.38 -23.88	54.28 2.37 -24.33	61.66 2.50 -30.76	70.53 2.42 -40.02	71.10 2.55 -37.87	89.33 2.94 -52.18	111.40 3.93 -62.86	76.66 3.99 -21.48	89.50 3.98 -35.78	64.72 3.27 -16.06	56.24 2.56 -11.77	52.86 2.45 -13.79	53.18 2.23 -19.02
ELLENBURG_WT_PWR 323604	23.97 -1.23 0.00	21.13 -1.18 0.00	20.12 -0.95 0.00	18.65 -0.84 0.00	19.20 -0.72 0.00	22.44 -0.77 0.00	28.70 -0.71 0.00	31.77 -0.75 0.00	29.96 -0.99 0.00	25.88 -0.80 0.00	25.26 -0.86 0.00	26.36 -1.01 0.00	26.53 -1.05 0.00	27.27 -1.14 0.00	27.00 -1.10 0.00	29.58 -1.10 0.00	32.98 -1.23 0.00	43.05 -1.56 0.00	49.91 -1.28 0.00	48.55 -1.19 0.00	44.53 -0.86 0.00	41.67 -0.25 0.00	36.61 0.00 0.00	31.99 0.06 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.52 -0.68 0.00	22.11 -0.20 0.00	21.15 0.08 0.00	19.37 -0.12 0.00	19.76 -0.16 0.00	23.29 0.09 0.00	28.76 -0.65 0.00	31.54 -0.98 0.00	30.74 -0.22 0.00	26.44 -0.27 -0.03	25.88 -0.29 -0.05	27.29 -0.08 0.00	27.52 -0.11 -0.05	28.43 0.03 0.00	27.94 -0.28 -0.13	30.30 -0.58 -0.20	33.73 -0.86 -0.37	42.91 -2.50 -0.79	49.04 -2.61 -0.46	47.51 -2.29 -0.06	44.17 -1.23 0.00	40.53 -1.38 0.00	35.69 -0.92 0.00	32.22 0.29 0.00
EMPIRE_CC_1 323656	26.08 0.88 0.00	23.21 0.89 0.00	21.84 0.78 0.00	20.23 0.74 0.00	20.64 0.72 0.00	23.85 0.65 0.00	29.91 0.50 0.00	33.39 0.88 0.00	31.85 0.90 0.00	27.07 0.69 0.30	26.31 0.73 0.54	27.82 0.82 0.37	27.82 0.88 0.64	28.95 0.91 0.37	27.86 0.93 1.16	30.29 1.07 1.46	33.06 1.20 2.35	41.20 1.60 5.01	49.66 1.33 2.86	50.75 1.34 0.34	46.44 1.04 0.00	42.55 0.63 0.00	36.90 0.29 0.00	32.02 0.29 0.19
EMPIRE_CC_2 323658	26.08 0.88 0.00	23.21 0.89 0.00	21.84 0.78 0.00	20.23 0.74 0.00	20.64 0.72 0.00	23.85 0.65 0.00	29.91 0.50 0.00	33.39 0.88 0.00	31.85 0.90 0.00	27.07 0.69 0.30	26.31 0.73 0.54	27.82 0.82 0.37	27.82 0.88 0.64	28.95 0.91 0.37	27.86 0.93 1.16	30.29 1.07 1.46	33.06 1.20 2.35	41.20 1.60 5.01	49.66 1.33 2.86	50.75 1.34 0.34	46.44 1.04 0.00	42.55 0.63 0.00	36.90 0.29 0.00	32.02 0.29 0.19
ENORWICH_115KV_TB1 80156	26.33 1.13 0.00	23.43 1.12 0.00	22.16 1.10 0.00	20.46 0.97 0.00	20.99 1.08 0.00	24.62 1.42 0.00	31.20 1.79 0.00	34.36 1.85 0.00	32.50 1.55 0.00	27.71 0.96 -0.07	27.04 0.81 -0.11	28.39 1.01 -0.01	28.54 0.85 -0.11	29.40 0.99 0.00	29.49 1.12 -0.27	32.48 1.38 -0.42	36.67 1.68 -0.79	48.52 2.23 -1.68	55.27 3.12 -0.96	53.39 3.53 -0.11	48.93 3.54 0.00	45.14 3.23 0.00	39.03 2.42 0.00	34.19 2.27 0.00
ERIE_ST__34_KV_TB1-2 80199	24.70 -0.50 0.00	22.27 -0.04 0.00	21.30 0.23 0.00	19.49 0.00 0.00	19.92 0.00 0.00	23.46 0.26 0.00	29.06 -0.35 0.00	31.93 -0.59 0.00	31.14 0.19 0.00	26.82 0.11 -0.04	26.25 0.08 -0.06	27.67 0.30 0.00	27.91 0.28 -0.05	28.89 0.48 0.00	28.45 0.22 -0.13	30.93 0.03 -0.21	34.43 -0.17 -0.39	43.81 -1.65 -0.84	50.04 -1.64 -0.49	48.51 -1.29 -0.06	44.94 -0.45 0.00	41.25 -0.67 0.00	36.21 -0.40 0.00	32.57 0.64 0.00
ERIE_WT_PWR 323693	24.65 -0.55 0.00	22.16 -0.16 0.00	21.15 0.08 0.00	19.47 -0.02 0.00	19.82 -0.10 0.00	23.41 0.21 0.00	28.94 -0.47 0.00	31.80 -0.72 0.00	30.89 -0.06 0.00	26.52 -0.19 -0.03	25.99 -0.18 -0.05	27.40 0.03 0.00	27.68 0.06 -0.05	28.63 0.23 0.00	28.17 -0.06 -0.13	30.58 -0.31 -0.21	34.05 -0.55 -0.38	43.25 -2.19 -0.82	49.47 -2.20 -0.48	47.96 -1.84 -0.06	44.44 -0.96 0.00	40.87 -1.05 0.00	35.99 -0.62 0.00	32.41 0.48 0.00
ESPRGFLD_115KV_TB1 80157	26.28 1.08 0.00	23.34 1.03 0.00	21.99 0.93 0.00	20.35 0.86 0.00	20.80 0.88 0.00	24.27 1.07 0.00	30.56 1.15 0.00	33.62 1.11 0.00	32.04 1.08 0.00	27.38 0.75 0.04	26.76 0.71 0.06	28.19 0.82 0.00	28.32 0.80 0.06	29.26 0.85 0.00	28.81 0.87 0.15	31.51 1.07 0.24	35.06 1.30 0.45	45.39 1.74 0.97	52.79 2.15 0.55	52.22 2.54 0.07	47.89 2.50 0.00	44.01 2.10 0.00	38.22 1.61 0.00	33.29 1.40 0.04
ETNA_115_KV_TB1_REV_LBMP_C 345029	25.63 0.43 0.00	22.78 0.47 0.00	21.55 0.48 0.00	19.88 0.39 0.00	20.32 0.40 0.00	23.73 0.53 0.00	30.03 0.62 0.00	33.10 0.59 0.00	31.57 0.62 0.00	27.15 0.43 -0.05	26.54 0.34 -0.08	27.84 0.47 0.00	28.10 0.44 -0.08	28.86 0.45 0.00	28.74 0.45 -0.20	31.49 0.49 -0.32	35.41 0.62 -0.59	46.49 0.62 -1.25	52.77 0.87 -0.71	50.88 1.04 -0.09	46.48 1.09 0.00	42.76 0.84 0.00	37.23 0.62 0.00	32.66 0.73 0.00
ETNA____115KV_TB2 80207	25.63 0.43 0.00	22.78 0.47 0.00	21.55 0.48 0.00	19.88 0.39 0.00	20.32 0.40 0.00	23.73 0.53 0.00	30.03 0.62 0.00	33.10 0.59 0.00	31.57 0.62 0.00	27.15 0.43 -0.05	26.54 0.34 -0.08	27.84 0.47 0.00	28.10 0.44 -0.08	28.86 0.45 0.00	28.74 0.45 -0.20	31.49 0.49 -0.32	35.41 0.62 -0.59	46.49 0.62 -1.25	52.77 0.87 -0.71	50.88 1.04 -0.09	46.48 1.09 0.00	42.76 0.84 0.00	37.23 0.62 0.00	32.66 0.73 0.00
EUCLID___115KV_TB2 356179	25.10 -0.10 0.00	22.29 -0.02 0.00	21.06 0.00 0.00	19.45 -0.04 0.00	19.88 -0.04 0.00	23.18 -0.02 0.00	29.29 -0.12 0.00	32.35 -0.16 0.00	30.89 -0.06 0.00	26.60 -0.08 0.00	26.04 -0.08 0.00	27.37 0.00 0.00	27.58 0.00 0.00	28.35 -0.06 0.00	27.96 -0.14 0.00	30.50 -0.18 0.00	34.01 -0.21 0.00	44.12 -0.49 0.00	50.63 -0.56 0.00	49.30 -0.45 0.00	45.08 -0.32 0.00	41.46 -0.46 0.00	36.13 -0.48 0.00	31.67 -0.26 0.00
E_CANADA_CAP_HY 24051	26.48 1.28 0.00	23.54 1.23 0.00	22.16 1.09 0.00	20.46 0.97 0.00	20.91 1.00 0.00	24.38 1.18 0.00	30.55 1.15 0.00	33.55 1.04 0.00	31.85 0.90 0.00	27.15 0.56 0.09	26.47 0.50 0.14	27.94 0.58 0.01	28.08 0.63 0.13	29.00 0.60 0.00	28.37 0.62 0.34	31.00 0.86 0.54	34.36 1.16 1.01	44.06 1.60 2.16	52.06 2.10 1.23	52.28 2.68 0.15	48.16 2.77 0.00	44.18 2.26 0.00	38.37 1.76 0.00	33.30 1.44 0.07
E_CANADA_MHWK_HY 24050	25.30 0.10 0.00	22.36 0.04 0.00	21.06 0.00 0.00	19.49 0.00 0.00	19.92 0.00 0.00	23.22 0.02 0.00	29.41 0.00 0.00	32.58 0.07 0.00	31.02 0.06 0.00	26.68 0.00 0.00	26.09 -0.03 0.00	27.34 -0.03 0.00	27.49 -0.08 0.00	28.29 -0.11 0.00	28.01 -0.08 0.00	30.65 -0.03 0.00	34.28 0.07 0.00	44.79 0.18 0.00	51.45 0.26 0.00	50.14 0.40 0.00	45.80 0.41 0.00	42.29 0.38 0.00	36.87 0.26 0.00	32.18 0.25 0.00
E_FISHKILL___LBMP 23776	26.81 1.61 0.00	23.81 1.49 0.00	22.37 1.31 0.00	20.72 1.23 0.00	21.11 1.20 0.00	24.45 1.25 0.00	30.70 1.29 0.00	34.23 1.72 0.00	32.84 1.89 0.00	28.88 1.65 -0.56	28.37 1.67 -0.58	27.64 1.81 1.53	29.38 1.88 0.07	28.75 2.07 1.73	32.12 2.05 -1.97	37.84 2.24 -4.92	47.73 2.60 -10.92	71.46 3.52 -23.32	67.97 3.48 -13.30	54.83 3.48 -1.60	48.16 2.77 0.00	43.97 2.05 0.00	38.33 1.72 0.00	33.57 1.50 -0.14
FALCON___SEABRD_CC1 323796	24.17 -1.03 0.00	21.31 -1.00 0.00	20.31 -0.76 0.00	18.83 -0.66 0.00	19.38 -0.54 0.00	22.64 -0.56 0.00	28.97 -0.44 0.00	32.06 -0.46 0.00	30.27 -0.68 0.00	26.11 -0.56 0.00	25.49 -0.63 0.00	26.57 -0.79 0.00	26.78 -0.80 0.00	27.52 -0.88 0.00	27.25 -0.84 0.00	29.86 -0.83 0.00	33.29 -0.92 0.00	43.10 -1.52 0.00	49.86 -1.33 0.00	48.45 -1.29 0.00	44.49 -0.91 0.00	41.83 -0.08 0.00	36.76 0.15 0.00	32.34 0.41 0.00
FALCON___SEABRD_CC2 323797	24.17 -1.03 0.00	21.31 -1.00 0.00	20.31 -0.76 0.00	18.83 -0.66 0.00	19.38 -0.54 0.00	22.64 -0.56 0.00	28.97 -0.44 0.00	32.06 -0.46 0.00	30.27 -0.68 0.00	26.11 -0.56 0.00	25.49 -0.63 0.00	26.57 -0.79 0.00	26.78 -0.80 0.00	27.52 -0.88 0.00	27.25 -0.84 0.00	29.86 -0.83 0.00	33.29 -0.92 0.00	43.10 -1.52 0.00	49.86 -1.33 0.00	48.45 -1.29 0.00	44.49 -0.91 0.00	41.83 -0.08 0.00	36.76 0.15 0.00	32.34 0.41 0.00

FAR ROCKAWAY___4 23548	34.14 2.52 -6.42	24.98 2.34 -0.33	23.23 2.15 -0.01	21.49 1.99 -0.01	21.89 1.95 -0.01	25.37 2.16 -0.01	31.86 2.44 -0.01	38.75 2.89 -3.34	34.06 3.10 -0.01	40.36 2.72 -10.96	46.74 2.79 -17.82	51.38 2.90 -21.11	52.21 2.92 -21.71	58.82 3.07 -27.35	74.27 3.01 -43.17	88.38 3.25 -54.45	95.93 3.73 -57.99	111.16 4.95 -61.60	82.54 5.17 -26.18	124.71 5.17 -69.79	81.99 4.36 -32.23	69.06 3.52 -23.62	66.56 3.22 -26.73	67.30 2.84 -32.53
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.34 2.14 0.00	24.28 1.96 0.00	22.79 1.73 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.29 1.88 0.00	34.92 2.41 0.00	33.62 2.66 0.00	32.99 2.43 -3.89	36.49 2.40 -7.97	40.17 2.57 -10.22	41.58 2.62 -11.39	41.96 2.84 -10.72	46.28 2.81 -15.38	47.03 3.04 -13.31	51.56 3.49 -13.86	78.80 4.64 -29.54	72.79 4.76 -16.84	56.50 4.73 -2.03	49.21 3.81 0.00	44.85 2.93 0.00	39.28 2.67 0.00	34.39 2.33 -0.14
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.34 2.14 0.00	24.28 1.96 0.00	22.81 1.75 0.00	21.09 1.60 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.32 1.91 0.00	34.92 2.41 0.00	33.62 2.66 0.00	32.99 2.43 -3.89	36.49 2.40 -7.97	40.17 2.57 -10.22	41.61 2.65 -11.39	41.96 2.84 -10.72	46.28 2.81 -15.38	47.03 3.04 -13.31	51.56 3.49 -13.86	78.80 4.64 -29.54	72.79 4.76 -16.84	56.50 4.73 -2.03	49.25 3.86 0.00	44.85 2.93 0.00	39.28 2.67 0.00	34.39 2.33 -0.14
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.32 2.12 0.00	24.25 1.94 0.00	22.79 1.73 0.00	21.07 1.58 0.00	21.45 1.53 0.00	24.85 1.65 0.00	31.29 1.88 0.00	34.92 2.41 0.00	33.62 2.66 0.00	32.97 2.40 -3.89	36.49 2.40 -7.97	40.14 2.55 -10.22	41.58 2.62 -11.39	41.93 2.81 -10.72	46.25 2.78 -15.38	47.00 3.01 -13.31	51.52 3.46 -13.86	78.75 4.60 -29.54	72.74 4.71 -16.84	56.45 4.68 -2.03	49.16 3.77 0.00	44.81 2.89 0.00	39.25 2.64 0.00	34.36 2.30 -0.14
FARRAGUT___LBMP 323566	27.29 2.09 0.00	24.25 1.94 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.83 1.62 0.00	31.26 1.85 0.00	34.85 2.34 0.00	33.59 2.63 0.00	32.94 2.37 -3.89	36.47 2.38 -7.97	40.11 2.52 -10.22	41.56 2.59 -11.39	41.90 2.78 -10.72	46.23 2.75 -15.38	46.97 2.98 -13.31	51.49 3.42 -13.86	78.71 4.55 -29.54	72.69 4.66 -16.84	56.40 4.63 -2.03	49.12 3.72 0.00	44.77 2.85 0.00	39.21 2.60 0.00	34.36 2.30 -0.14
FENNER___WINDPWR 24204	25.68 0.48 0.00	22.78 0.47 0.00	21.53 0.46 0.00	19.88 0.39 0.00	20.34 0.42 0.00	23.74 0.53 0.00	30.05 0.65 0.00	33.16 0.65 0.00	31.54 0.59 0.00	27.08 0.37 -0.03	26.50 0.34 -0.04	27.81 0.44 0.00	28.00 0.39 -0.04	28.83 0.43 0.00	28.65 0.45 -0.11	31.37 0.52 -0.17	35.18 0.65 -0.32	46.05 0.76 -0.68	52.60 1.02 -0.39	50.94 1.15 -0.05	46.53 1.14 0.00	42.88 0.96 0.00	37.27 0.66 0.00	32.60 0.67 0.00
FIBERTEK___ENERGY 23856	25.20 0.00 0.00	22.38 0.07 0.00	21.15 0.08 0.00	19.51 0.02 0.00	19.94 0.02 0.00	23.27 0.07 0.00	29.44 0.03 0.00	32.48 -0.03 0.00	31.02 0.06 0.00	26.70 0.03 0.00	26.12 0.00 0.00	27.48 0.11 0.00	27.66 0.08 0.00	28.43 0.03 0.00	28.07 -0.03 0.00	30.59 -0.09 0.00	34.11 -0.10 0.00	44.26 -0.36 0.00	50.83 -0.36 0.00	49.50 -0.25 0.00	45.26 -0.14 0.00	41.62 -0.29 0.00	36.32 -0.29 0.00	31.77 -0.16 0.00
FITZPATRICK___ 23598	24.62 -0.58 0.00	21.87 -0.45 0.00	20.64 -0.42 0.00	19.08 -0.41 0.00	19.50 -0.42 0.00	22.74 -0.46 0.00	28.73 -0.68 0.00	31.54 -0.97 0.00	30.12 -0.83 0.00	25.93 -0.75 0.00	25.39 -0.73 0.00	26.66 -0.71 0.00	26.86 -0.72 0.00	27.64 -0.77 0.00	27.31 -0.79 0.00	29.76 -0.92 0.00	33.22 -0.99 0.00	43.14 -1.47 0.00	49.50 -1.69 0.00	48.15 -1.59 0.00	44.03 -1.36 0.00	40.57 -1.34 0.00	35.40 -1.21 0.00	31.00 -0.93 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.04 1.84 0.00	24.01 1.70 0.00	22.56 1.50 0.00	20.87 1.38 0.00	21.27 1.35 0.00	24.66 1.46 0.00	31.00 1.59 0.00	34.49 1.98 0.00	33.15 2.20 0.00	29.17 1.89 -0.60	28.92 1.91 -0.89	29.23 2.11 0.25	30.53 2.23 -0.72	30.55 2.47 0.33	32.83 2.50 -2.24	37.34 2.76 -3.89	44.95 3.15 -7.59	65.01 4.19 -16.20	64.78 4.35 -9.24	55.19 4.33 -1.11	48.89 3.50 0.00	44.56 2.64 0.00	38.81 2.20 0.00	33.95 1.88 -0.13
FORT ORANGE___ 23900	25.98 0.78 0.00	23.09 0.78 0.00	21.74 0.67 0.00	20.11 0.62 0.00	20.54 0.62 0.00	23.78 0.58 0.00	29.85 0.44 0.00	33.26 0.75 0.00	31.73 0.77 0.00	27.06 0.59 0.20	26.33 0.57 0.37	27.69 0.60 0.28	27.82 0.69 0.45	28.83 0.71 0.28	28.07 0.76 0.79	30.68 0.95 0.95	33.81 1.09 1.49	42.90 1.47 3.18	50.70 1.33 1.82	50.87 1.34 0.22	46.48 1.09 0.00	42.59 0.67 0.00	36.98 0.37 0.00	32.12 0.29 0.10
FORT_DRUM_COGEN 23780	25.35 0.15 0.00	22.49 0.18 0.00	21.21 0.15 0.00	19.61 0.12 0.00	20.14 0.22 0.00	23.57 0.37 0.00	29.88 0.47 0.00	32.90 0.39 0.00	30.98 0.03 0.00	26.41 -0.27 0.00	25.78 -0.34 0.00	27.10 -0.27 0.00	27.16 -0.41 0.00	27.95 -0.45 0.00	27.81 -0.28 0.00	30.47 -0.21 0.00	34.01 -0.21 0.00	44.39 -0.22 0.00	51.50 0.31 0.00	50.49 0.75 0.00	46.35 0.95 0.00	43.01 1.09 0.00	37.20 0.59 0.00	32.47 0.54 0.00
FOX_HILLS___ESR 323835	27.50 2.29 -0.01	24.37 2.05 -0.01	22.88 1.81 -0.01	21.15 1.66 -0.01	21.58 1.65 -0.01	24.92 1.72 0.00	31.35 1.94 0.00	34.92 2.41 0.00	33.55 2.60 0.00	32.87 2.24 -3.96	36.50 2.27 -8.11	40.04 2.44 -10.23	41.48 2.51 -11.39	41.83 2.70 -10.72	44.11 2.73 -13.29	45.42 2.98 -11.76	49.13 3.42 -11.49	78.74 4.60 -29.53	72.98 4.97 -16.83	56.65 4.88 -2.03	48.61 3.90 0.69	44.93 3.02 0.00	39.51 2.89 -0.01	34.63 2.55 -0.14
FPL_FAR_ROCK_GT1 24212	34.14 2.52 -6.42	24.98 2.34 -0.33	23.18 2.11 -0.01	21.49 1.99 -0.01	21.89 1.95 -0.01	25.37 2.16 -0.01	31.86 2.44 -0.01	38.95 3.09 -3.34	34.22 3.25 -0.01	40.49 2.86 -10.96	46.84 2.90 -17.82	51.49 3.01 -21.11	52.34 3.06 -21.71	58.90 3.15 -27.35	74.36 3.09 -43.17	88.38 3.25 -54.45	95.93 3.73 -57.99	111.21 5.00 -61.60	82.59 5.22 -26.18	124.71 5.17 -69.79	81.99 4.36 -32.23	69.02 3.48 -23.62	66.56 3.22 -26.73	67.30 2.84 -32.53
FPL_FAR_ROCK_GT2 23815	34.14 2.52 -6.42	24.98 2.34 -0.33	23.18 2.11 -0.01	21.49 1.99 -0.01	21.89 1.95 -0.01	25.37 2.16 -0.01	31.86 2.44 -0.01	38.95 3.09 -3.34	34.22 3.25 -0.01	40.49 2.86 -10.96	46.84 2.90 -17.82	51.49 3.01 -21.11	52.34 3.06 -21.71	58.90 3.15 -27.35	74.36 3.09 -43.17	88.38 3.25 -54.45	95.93 3.73 -57.99	111.21 5.00 -61.60	82.59 5.22 -26.18	124.71 5.17 -69.79	81.99 4.36 -32.23	69.02 3.48 -23.62	66.56 3.22 -26.73	67.30 2.84 -32.53
FRANKLIN_FALL_HYD 24054	24.27 -0.93 0.00	21.38 -0.94 0.00	20.37 -0.70 0.00	18.90 -0.58 0.00	19.46 -0.46 0.00	22.74 -0.46 0.00	29.06 -0.35 0.00	32.22 -0.29 0.00	30.37 -0.59 0.00	26.17 -0.51 0.00	25.57 -0.55 0.00	26.68 -0.68 0.00	26.94 -0.63 0.00	27.67 -0.74 0.00	27.45 -0.65 0.00	30.07 -0.61 0.00	33.56 -0.65 0.00	43.81 -0.80 0.00	50.88 -0.31 0.00	49.30 -0.45 0.00	45.35 -0.05 0.00	42.34 0.42 0.00	37.20 0.59 0.00	32.47 0.54 0.00

FREEPORT_EQUS_GT1 23764	32.90 2.37 -5.33	24.80 2.21 -0.27	23.04 1.96 -0.01	21.35 1.85 -0.01	21.76 1.83 -0.01	25.21 2.00 -0.01	31.65 2.23 -0.01	38.18 2.89 -2.78	34.03 3.07 -0.01	38.24 2.67 -8.89	42.97 2.67 -14.19	46.04 2.71 -15.97	47.18 2.76 -16.84	52.25 2.81 -21.03	59.93 2.58 -29.25	62.87 2.76 -29.42	75.53 3.15 -38.17	98.35 4.06 -49.68	75.73 4.14 -20.39	82.04 4.33 -27.97	61.33 3.59 -12.35	53.90 2.93 -9.05	50.49 2.75 -11.13	49.67 2.56 -15.19
FREEPORT___CT2 23818	32.90 2.37 -5.33	24.80 2.21 -0.27	23.04 1.96 -0.01	21.35 1.85 -0.01	21.76 1.83 -0.01	25.21 2.00 -0.01	31.65 2.23 -0.01	38.18 2.89 -2.78	34.03 3.07 -0.01	38.24 2.67 -8.89	42.97 2.67 -14.19	46.04 2.71 -15.97	47.18 2.76 -16.84	52.25 2.81 -21.03	59.93 2.58 -29.25	62.87 2.76 -29.42	75.53 3.15 -38.17	98.35 4.06 -49.68	75.73 4.14 -20.39	82.04 4.33 -27.97	61.33 3.59 -12.35	53.90 2.93 -9.05	50.49 2.75 -11.13	49.67 2.56 -15.19
FRESHKLS_33_KV_LOAD 356253	27.58 2.37 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.62 1.69 -0.01	24.96 1.76 0.00	31.38 1.97 0.00	34.95 2.44 0.00	33.55 2.60 0.00	32.85 2.21 -3.96	36.48 2.25 -8.11	39.98 2.38 -10.23	41.44 2.48 -11.38	41.78 2.67 -10.71	44.06 2.70 -13.27	45.37 2.95 -11.74	49.11 3.42 -11.48	78.10 4.60 -28.89	72.43 4.97 -16.28	56.12 4.88 -1.50	48.60 3.90 0.70	44.92 3.02 0.02	39.55 2.93 -0.01	34.69 2.62 -0.14
FULTON COGEN____ 23766	24.82 -0.38 0.00	22.02 -0.29 0.00	20.81 -0.25 0.00	19.22 -0.27 0.00	19.64 -0.28 0.00	22.90 -0.30 0.00	28.97 -0.44 0.00	31.96 -0.55 0.00	30.52 -0.43 0.00	26.25 -0.43 0.00	25.70 -0.42 0.00	27.01 -0.36 0.00	27.22 -0.36 0.00	27.95 -0.45 0.00	27.56 -0.53 0.00	30.07 -0.61 0.00	33.53 -0.68 0.00	43.54 -1.07 0.00	49.96 -1.23 0.00	48.70 -1.04 0.00	44.49 -0.91 0.00	40.95 -0.96 0.00	35.69 -0.92 0.00	31.23 -0.70 0.00
FULTON___LFGE 323630	26.71 1.51 0.00	23.76 1.45 0.00	22.35 1.29 0.00	20.64 1.15 0.00	21.11 1.20 0.00	24.59 1.39 0.00	30.85 1.44 0.00	33.94 1.43 0.00	32.22 1.27 0.00	27.44 0.88 0.11	26.73 0.78 0.18	28.26 0.90 0.01	28.40 0.99 0.17	29.37 0.97 0.00	28.66 0.98 0.42	31.27 1.26 0.67	34.57 1.61 1.24	44.10 2.14 2.66	52.33 2.66 1.52	52.70 3.14 0.18	48.48 3.09 0.00	44.47 2.56 0.00	38.62 2.01 0.00	33.51 1.66 0.08
G.F.CEMENT___DRP 24184	27.04 1.84 0.00	24.03 1.72 0.00	22.60 1.54 0.00	20.87 1.38 0.00	21.31 1.39 0.00	24.80 1.60 0.00	31.14 1.74 0.00	34.53 2.02 0.00	32.81 1.86 0.00	27.88 1.41 0.21	27.10 1.36 0.38	28.44 1.34 0.26	28.58 1.46 0.46	29.73 1.59 0.27	28.93 1.66 0.82	31.58 1.93 1.03	35.13 2.57 1.65	43.64 2.54 3.52	52.00 2.82 2.01	52.29 2.79 0.24	47.98 2.59 0.00	43.93 2.01 0.00	38.18 1.57 0.00	33.06 1.25 0.12
GARDENVILLE___LBMP 24039	24.57 -0.63 0.00	22.16 -0.16 0.00	21.19 0.13 0.00	19.41 -0.08 0.00	19.82 -0.10 0.00	23.34 0.14 0.00	28.85 -0.56 0.00	31.63 -0.88 0.00	30.86 -0.09 0.00	26.52 -0.19 -0.03	25.99 -0.18 -0.05	27.40 0.03 0.00	27.63 0.00 -0.05	28.58 0.17 0.00	28.08 -0.14 -0.13	30.45 -0.43 -0.20	33.84 -0.75 -0.38	43.05 -2.36 -0.80	49.25 -2.41 -0.47	47.81 -1.99 -0.06	44.35 -1.04 0.00	40.74 -1.17 0.00	35.84 -0.77 0.00	32.31 0.38 0.00
GARDNVLA_35_KV_LD 355827	24.72 -0.48 0.00	22.29 -0.02 0.00	21.32 0.25 0.00	19.51 0.02 0.00	19.92 0.00 0.00	23.48 0.28 0.00	29.00 -0.41 0.00	31.80 -0.72 0.00	31.05 0.09 0.00	26.71 0.00 -0.03	26.15 -0.03 -0.05	27.59 0.22 0.00	27.82 0.19 -0.05	28.77 0.37 0.00	28.28 0.06 -0.13	30.71 -0.18 -0.21	34.05 -0.55 -0.39	43.34 -2.10 -0.83	49.52 -2.15 -0.48	48.01 -1.79 -0.06	44.58 -0.82 0.00	40.91 -1.01 0.00	36.02 -0.59 0.00	32.47 0.54 0.00
GELCKHM___115KV_LOAD 80723	25.15 -0.05 0.00	22.31 0.00 0.00	21.09 0.02 0.00	19.47 -0.02 0.00	19.88 -0.04 0.00	23.20 0.00 0.00	29.35 -0.06 0.00	32.38 -0.13 0.00	30.95 0.00 0.00	26.65 -0.03 0.00	26.07 -0.05 0.00	27.42 0.05 0.00	27.60 0.03 0.00	28.38 -0.03 0.00	28.01 -0.08 0.00	30.53 -0.15 0.00	34.04 -0.17 0.00	44.17 -0.45 0.00	50.68 -0.51 0.00	49.35 -0.40 0.00	45.12 -0.27 0.00	41.54 -0.38 0.00	36.21 -0.40 0.00	31.70 -0.22 0.00
GENERAL___MILLS 23808	24.62 -0.58 0.00	22.22 -0.09 0.00	21.25 0.19 0.00	19.47 -0.02 0.00	19.86 -0.06 0.00	23.41 0.21 0.00	28.94 -0.47 0.00	31.73 -0.78 0.00	30.92 -0.03 0.00	26.60 -0.11 -0.03	26.04 -0.13 -0.05	27.48 0.11 0.00	27.71 0.08 -0.05	28.66 0.26 0.00	28.17 -0.06 -0.13	30.58 -0.31 -0.21	33.98 -0.62 -0.38	43.20 -2.23 -0.82	49.41 -2.25 -0.48	47.91 -1.89 -0.06	44.49 -0.91 0.00	40.83 -1.09 0.00	35.95 -0.66 0.00	32.41 0.48 0.00
GE_PLASTICS___DRP 24183	25.93 0.73 0.00	23.03 0.71 0.00	21.70 0.63 0.00	20.09 0.60 0.00	20.50 0.58 0.00	23.76 0.56 0.00	29.85 0.44 0.00	33.16 0.65 0.00	31.60 0.65 0.00	26.97 0.51 0.21	26.27 0.52 0.38	27.67 0.57 0.27	27.78 0.66 0.46	28.87 0.74 0.28	28.10 0.81 0.81	30.55 0.86 0.99	33.67 1.03 1.57	42.65 1.38 3.34	50.46 1.18 1.91	50.76 1.24 0.23	46.35 0.95 0.00	42.55 0.63 0.00	37.01 0.40 0.00	32.21 0.35 0.07
GILBOA___1 23756	26.03 0.83 0.00	23.11 0.80 0.00	21.84 0.78 0.00	20.21 0.72 0.00	20.64 0.72 0.00	23.87 0.67 0.00	30.03 0.62 0.00	33.42 0.91 0.00	31.94 0.99 0.00	27.42 0.83 0.08	26.83 0.84 0.13	28.26 0.90 0.01	28.42 0.96 0.12	29.43 1.02 0.00	28.80 1.01 0.30	31.27 1.07 0.48	34.54 1.23 0.90	44.29 1.60 1.92	51.37 1.28 1.10	50.96 1.34 0.13	46.57 1.18 0.00	42.80 0.88 0.00	37.27 0.66 0.00	32.53 0.61 0.00
GILBOA___2 23757	26.03 0.83 0.00	23.11 0.80 0.00	21.84 0.78 0.00	20.21 0.72 0.00	20.64 0.72 0.00	23.87 0.67 0.00	30.03 0.62 0.00	33.42 0.91 0.00	31.94 0.99 0.00	27.42 0.83 0.08	26.83 0.84 0.13	28.26 0.90 0.01	28.42 0.96 0.12	29.43 1.02 0.00	28.80 1.01 0.30	31.27 1.07 0.48	34.54 1.23 0.90	44.29 1.60 1.92	51.37 1.28 1.10	50.96 1.34 0.13	46.57 1.18 0.00	42.80 0.88 0.00	37.27 0.66 0.00	32.53 0.61 0.00
GILBOA___3 23758	26.03 0.83 0.00	23.11 0.80 0.00	21.84 0.78 0.00	20.21 0.72 0.00	20.64 0.72 0.00	23.87 0.67 0.00	30.03 0.62 0.00	33.42 0.91 0.00	31.94 0.99 0.00	27.42 0.83 0.08	26.83 0.84 0.13	28.26 0.90 0.01	28.42 0.96 0.12	29.43 1.02 0.00	28.80 1.01 0.30	31.27 1.07 0.48	34.54 1.23 0.90	44.29 1.60 1.92	51.37 1.28 1.10	50.96 1.34 0.13	46.57 1.18 0.00	42.80 0.88 0.00	37.27 0.66 0.00	32.53 0.61 0.00
GILBOA___4 23759	26.03 0.83 0.00	23.11 0.80 0.00	21.84 0.78 0.00	20.21 0.72 0.00	20.64 0.72 0.00	23.87 0.67 0.00	30.03 0.62 0.00	33.42 0.91 0.00	31.94 0.99 0.00	27.42 0.83 0.08	26.83 0.84 0.13	28.26 0.90 0.01	28.42 0.96 0.12	29.43 1.02 0.00	28.80 1.01 0.30	31.27 1.07 0.48	34.54 1.23 0.90	44.29 1.60 1.92	51.37 1.28 1.10	50.96 1.34 0.13	46.57 1.18 0.00	42.80 0.88 0.00	37.27 0.66 0.00	32.53 0.61 0.00

GILBOA____ 23599	26.03 0.83 0.00	23.12 0.80 0.00	21.78 0.72 0.00	20.21 0.72 0.00	20.64 0.72 0.00	23.87 0.67 0.00	30.03 0.62 0.00	33.32 0.81 0.00	31.82 0.87 0.00	27.31 0.72 0.08	26.72 0.73 0.13	28.15 0.79 0.01	28.31 0.85 0.12	29.37 0.97 0.00	28.75 0.96 0.30	31.24 1.04 0.48	34.54 1.23 0.90	44.30 1.61 1.92	51.37 1.28 1.10	50.96 1.34 0.13	46.57 1.18 0.00	42.80 0.88 0.00	37.27 0.66 0.00	32.53 0.61 0.00
GINNA____ 23603	23.74 -1.46 0.00	21.15 -1.16 0.00	20.05 -1.01 0.00	18.50 -0.99 0.00	18.82 -1.10 0.00	22.11 -1.09 0.00	27.70 -1.71 0.00	30.40 -2.11 0.00	29.38 -1.58 0.00	25.21 -1.47 0.00	24.63 -1.49 0.00	26.00 -1.37 0.00	26.25 -1.32 0.00	27.01 -1.39 0.00	26.63 -1.46 0.00	28.93 -1.75 0.00	32.16 -2.05 0.00	41.36 -3.26 0.00	47.56 -3.63 0.00	46.26 -3.48 0.00	42.90 -2.50 0.00	39.40 -2.51 0.00	34.52 -2.09 0.00	30.56 -1.37 0.00
GLEN PARK____ 23778	25.43 0.23 0.00	22.56 0.25 0.00	21.30 0.23 0.00	19.66 0.18 0.00	20.20 0.28 0.00	23.64 0.44 0.00	29.97 0.56 0.00	32.93 0.42 0.00	30.98 0.03 0.00	26.38 -0.29 0.00	25.75 -0.37 0.00	27.07 -0.30 0.00	27.13 -0.44 0.00	27.95 -0.46 0.00	27.73 -0.37 0.00	30.50 -0.18 0.00	34.07 -0.14 0.00	44.53 -0.09 0.00	51.75 0.56 0.00	50.74 0.99 0.00	46.62 1.23 0.00	43.26 1.34 0.00	37.38 0.77 0.00	32.60 0.67 0.00
GLENDALE_27_KV_LOAD 356172	27.53 2.32 -0.01	24.44 2.12 -0.01	22.97 1.90 -0.01	21.23 1.73 -0.01	21.62 1.69 -0.01	25.03 1.83 0.00	31.50 2.09 0.00	35.11 2.60 0.00	33.80 2.85 0.00	33.29 2.51 -4.11	37.11 2.53 -8.46	41.10 2.68 -11.05	42.50 2.76 -12.17	42.95 2.95 -11.59	47.29 2.95 -16.25	47.66 3.19 -13.79	51.72 3.66 -13.85	79.01 4.86 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.57 4.18 0.00	45.19 3.27 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
GLENWOOD_IC_1_G5 23712	34.29 2.22 -6.87	24.72 2.05 -0.35	22.91 1.83 -0.02	21.20 1.70 -0.02	21.59 1.65 -0.02	25.03 1.81 -0.02	31.45 2.03 -0.02	38.59 2.50 -3.58	33.69 2.72 -0.02	40.91 2.43 -11.80	47.70 2.27 -19.31	52.96 2.38 -23.21	53.70 2.43 -23.69	60.94 2.61 -29.93	67.67 2.56 -37.02	64.70 2.76 -31.26	91.28 3.18 -53.88	116.10 4.24 -67.25	75.35 4.30 -19.86	78.05 4.28 -24.03	59.31 3.45 -10.47	52.23 2.64 -7.68	48.36 2.38 -9.37	48.39 2.27 -14.19
GLENWOOD_IC_2_G1 23688	27.56 2.07 -0.29	24.25 1.92 -0.02	22.73 1.66 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.26 1.85 0.00	35.17 2.50 -0.15	33.65 2.69 0.00	28.42 2.37 0.63	25.92 2.38 2.58	22.10 2.49 7.76	24.56 2.57 5.58	22.96 2.67 8.11	27.31 2.61 3.40	36.52 2.76 -3.07	52.63 3.15 -15.28	79.72 4.24 -30.87	72.36 4.30 -16.87	56.65 4.28 -2.62	49.18 3.50 -0.29	44.77 2.64 -0.21	39.28 2.42 -0.25	34.68 2.17 -0.58
GLENWOOD_IC_3_G1 23689	27.56 2.07 -0.29	24.25 1.92 -0.02	22.73 1.66 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.26 1.85 0.00	35.17 2.50 -0.15	33.65 2.69 0.00	28.42 2.37 0.63	25.92 2.38 2.58	22.10 2.49 7.76	24.56 2.57 5.58	22.96 2.67 8.11	27.31 2.61 3.40	36.52 2.76 -3.07	52.63 3.15 -15.28	79.72 4.24 -30.87	72.36 4.30 -16.87	56.65 4.28 -2.62	49.18 3.50 -0.29	44.77 2.64 -0.21	39.28 2.42 -0.25	34.68 2.17 -0.58
GLENWOOD____4 23550	34.29 2.22 -6.87	24.72 2.05 -0.35	22.91 1.83 -0.02	21.20 1.70 -0.02	21.59 1.65 -0.02	25.03 1.81 -0.02	31.45 2.03 -0.02	38.59 2.50 -3.58	33.69 2.72 -0.02	40.91 2.43 -11.80	47.78 2.35 -19.31	53.04 2.46 -23.21	53.78 2.51 -23.69	61.00 2.67 -29.93	67.75 2.64 -37.02	64.79 2.85 -31.26	91.35 3.25 -53.88	116.19 4.33 -67.25	75.45 4.40 -19.86	78.15 4.38 -24.03	59.45 3.59 -10.47	52.32 2.72 -7.68	48.46 2.49 -9.37	48.42 2.30 -14.19
GLENWOOD____5 23614	34.29 2.22 -6.87	24.72 2.05 -0.35	22.91 1.83 -0.02	21.20 1.70 -0.02	21.59 1.65 -0.02	25.03 1.81 -0.02	31.45 2.03 -0.02	38.59 2.50 -3.58	33.69 2.72 -0.02	40.91 2.43 -11.80	47.78 2.35 -19.31	53.04 2.46 -23.21	53.78 2.51 -23.69	61.00 2.67 -29.93	67.75 2.64 -37.02	64.79 2.85 -31.26	91.35 3.25 -53.88	116.19 4.33 -67.25	75.45 4.40 -19.86	78.15 4.38 -24.03	59.45 3.59 -10.47	52.32 2.72 -7.68	48.46 2.49 -9.37	48.42 2.30 -14.19
GLOBAL GREEN_PORT_GT1 23814	31.66 2.50 -3.97	24.95 2.43 -0.20	23.14 2.07 -0.01	21.66 2.16 -0.01	22.08 2.15 -0.01	25.25 2.04 -0.01	31.59 2.18 -0.01	38.02 3.44 -2.07	34.37 3.40 -0.01	35.92 2.93 -6.31	38.82 3.05 -9.65	40.00 3.09 -9.54	41.54 3.20 -10.77	44.95 3.41 -13.13	48.95 3.26 -17.59	58.57 3.47 -24.42	94.04 3.97 -55.86	120.42 5.35 -70.45	136.44 5.48 -79.77	61.39 5.47 -6.17	55.20 4.86 -4.94	50.37 3.94 -4.51	42.02 3.66 -1.75	39.90 3.64 -4.33
GLOBE____DSASP 323697	23.89 -1.31 0.00	21.55 -0.76 0.00	20.60 -0.46 0.00	18.85 -0.64 0.00	19.20 -0.72 0.00	22.62 -0.58 0.00	27.80 -1.59 0.02	30.38 -2.11 0.02	29.63 -1.30 0.02	25.43 -1.25 -0.01	24.89 -1.25 -0.03	26.28 -1.07 0.02	26.47 -1.13 -0.03	27.33 -1.05 0.02	26.82 -1.38 -0.10	29.07 -1.78 -0.17	32.35 -2.19 -0.33	41.19 -4.15 -0.72	47.14 -4.45 -0.41	45.57 -4.23 -0.05	42.44 -2.95 0.00	38.98 -2.93 0.00	34.45 -2.16 0.00	31.16 -0.77 0.00
GOETHSLN____LBMP 323567	27.22 2.02 0.00	24.16 1.85 0.00	22.71 1.64 0.00	20.99 1.50 0.00	21.37 1.45 0.00	24.73 1.53 0.00	31.14 1.74 0.00	34.75 2.24 0.00	33.49 2.54 0.00	32.89 2.32 -3.89	36.41 2.32 -7.97	40.03 2.44 -10.22	41.42 2.45 -11.39	41.76 2.64 -10.72	43.93 2.56 -13.28	45.20 2.76 -11.76	48.89 3.18 -11.49	77.77 4.24 -28.91	71.79 4.30 -16.30	55.53 4.28 -1.51	48.15 3.45 0.69	44.51 2.60 0.01	39.06 2.45 0.00	34.20 2.14 -0.14
GOLAH____69_KV_TB 1_2 80279	24.97 -0.23 0.00	22.38 0.07 0.00	21.25 0.19 0.00	19.51 0.02 0.00	19.88 -0.04 0.00	23.36 0.16 0.00	29.11 -0.29 0.00	31.96 -0.55 0.00	30.92 -0.03 0.00	26.54 -0.13 0.00	25.94 -0.18 0.00	27.40 0.03 0.00	27.60 0.03 0.00	28.43 0.03 0.00	27.93 -0.17 0.00	30.31 -0.37 0.00	33.60 -0.62 0.00	43.01 -1.61 0.00	49.65 -1.54 0.00	48.40 -1.34 0.00	45.03 -0.36 0.00	41.37 -0.54 0.00	36.28 -0.33 0.00	32.41 0.48 0.00
GOODYEAR_LAKE_HYD 323669	26.16 0.96 0.00	23.23 0.91 0.00	21.91 0.84 0.00	20.27 0.78 0.00	20.72 0.80 0.00	24.13 0.93 0.00	30.44 1.03 0.00	33.65 1.14 0.00	32.16 1.21 0.00	27.67 0.93 -0.06	27.12 0.91 -0.09	28.41 1.04 -0.01	28.65 0.99 -0.08	29.51 1.11 0.00	29.37 1.07 -0.20	32.23 1.23 -0.32	36.25 1.44 -0.60	47.78 1.87 -1.29	53.97 2.05 -0.74	52.07 2.24 -0.09	47.44 2.04 0.00	43.64 1.72 0.00	37.93 1.32 0.00	33.14 1.21 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	25.43 0.23 0.00	22.65 0.33 0.00	21.44 0.38 0.00	19.78 0.29 0.00	20.22 0.30 0.00	23.62 0.42 0.00	29.73 0.32 0.00	32.77 0.26 0.00	31.39 0.43 0.00	27.07 0.32 -0.07	26.52 0.29 -0.12	27.79 0.41 -0.01	28.07 0.39 -0.11	28.86 0.45 0.00	28.83 0.45 -0.28	31.56 0.43 -0.45	35.60 0.55 -0.84	46.76 0.36 -1.79	52.62 0.41 -1.02	50.42 0.55 -0.12	46.03 0.64 0.00	42.29 0.38 0.00	36.90 0.29 0.00	32.50 0.57 0.00

GOUDEY___7 23579	25.43 0.23 0.00	22.65 0.33 0.00	21.44 0.38 0.00	19.78 0.29 0.00	20.22 0.30 0.00	23.62 0.42 0.00	29.73 0.32 0.00	32.77 0.26 0.00	31.39 0.43 0.00	27.07 0.32 -0.07	26.52 0.29 -0.12	27.79 0.41 -0.01	28.07 0.39 -0.11	28.86 0.45 0.00	28.83 0.45 -0.28	31.56 0.43 -0.45	35.60 0.55 -0.84	46.76 0.36 -1.79	52.62 0.41 -1.02	50.42 0.55 -0.12	46.03 0.64 0.00	42.29 0.38 0.00	36.90 0.29 0.00	32.50 0.57 0.00
GOUDEY___8 23580	25.43 0.23 0.00	22.65 0.33 0.00	21.44 0.38 0.00	19.78 0.29 0.00	20.22 0.30 0.00	23.62 0.42 0.00	29.73 0.32 0.00	32.77 0.26 0.00	31.39 0.43 0.00	27.07 0.32 -0.07	26.52 0.29 -0.12	27.79 0.41 -0.01	28.07 0.39 -0.11	28.86 0.45 0.00	28.83 0.45 -0.28	31.56 0.43 -0.45	35.60 0.55 -0.84	46.76 0.36 -1.79	52.62 0.41 -1.02	50.42 0.55 -0.12	46.03 0.64 0.00	42.29 0.38 0.00	36.90 0.29 0.00	32.50 0.57 0.00
GOWANUS_GT1_1 24077	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.05 2.54 0.00	33.68 2.72 0.00	33.18 2.40 -4.11	37.01 2.43 -8.46	40.99 2.57 -11.05	42.42 2.67 -12.17	42.86 2.87 -11.59	47.21 2.87 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.10 3.19 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
GOWANUS_GT1_2 24078	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.05 2.54 0.00	33.68 2.72 0.00	33.18 2.40 -4.11	37.01 2.43 -8.46	40.99 2.57 -11.05	42.42 2.67 -12.17	42.86 2.87 -11.59	47.21 2.87 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.10 3.19 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
GOWANUS_GT1_3 24079	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.05 2.54 0.00	33.68 2.72 0.00	33.18 2.40 -4.11	37.01 2.43 -8.46	40.99 2.57 -11.05	42.42 2.67 -12.17	42.86 2.87 -11.59	47.21 2.87 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.10 3.19 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
GOWANUS_GT1_4 24080	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.05 2.54 0.00	33.68 2.72 0.00	33.18 2.40 -4.11	37.01 2.43 -8.46	40.99 2.57 -11.05	42.42 2.67 -12.17	42.86 2.87 -11.59	47.21 2.87 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.10 3.19 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
GOWANUS_GT1_5 24084	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.05 2.54 0.00	33.68 2.72 0.00	33.18 2.40 -4.11	37.01 2.43 -8.46	40.99 2.57 -11.05	42.42 2.67 -12.17	42.86 2.87 -11.59	47.21 2.87 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.10 3.19 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
GOWANUS_GT1_6 24111	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01																					

GOWANUS_GT2_6 24119	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
GOWANUS_GT2_7 24120	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
GOWANUS_GT2_8 24121	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
GOWANUS_GT3_1 24122	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
GOWANUS_GT3_2 24123	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
GOWANUS_GT3_3 24124	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
GOWANUS_GT3_4 24125	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
GOWANUS_GT3_5 24126	27.55 2.34 -0.01	24.42 2.																						

GOWANUS_GT4_5 24134	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.05 2.54 0.00	33.68 2.72 0.00	33.18 2.40 -4.11	37.01 2.43 -8.46	40.99 2.57 -11.05	42.42 2.67 -12.17	42.86 2.87 -11.59	47.21 2.87 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.10 3.19 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
GOWANUS_GT4_6 24135	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.05 2.54 0.00	33.68 2.72 0.00	33.18 2.40 -4.11	37.01 2.43 -8.46	40.99 2.57 -11.05	42.42 2.67 -12.17	42.86 2.87 -11.59	47.21 2.87 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.10 3.19 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
GOWANUS_GT4_7 24136	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.05 2.54 0.00	33.68 2.72 0.00	33.18 2.40 -4.11	37.01 2.43 -8.46	40.99 2.57 -11.05	42.42 2.67 -12.17	42.86 2.87 -11.59	47.21 2.87 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.10 3.19 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
GOWANUS_GT4_8 24137	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.05 2.54 0.00	33.68 2.72 0.00	33.18 2.40 -4.11	37.01 2.43 -8.46	40.99 2.57 -11.05	42.42 2.67 -12.17	42.86 2.87 -11.59	47.21 2.87 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.10 3.19 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
GREATVRV_69_KV_BK1 356245	32.05 2.77 -4.08	25.13 2.61 -0.21	23.39 2.32 -0.01	21.74 2.24 -0.01	22.08 2.15 -0.01	25.55 2.34 -0.01	32.01 2.59 -0.01	38.05 3.41 -2.12	34.43 3.47 -0.01	36.16 2.96 -6.52	39.25 3.11 -10.02	40.47 3.04 -10.06	41.90 3.06 -11.26	45.39 3.21 -13.78	49.67 3.12 -18.45	80.03 3.28 -46.07	80.32 3.73 -42.38	106.39 4.82 -56.96	111.08 5.02 -54.87	62.44 5.22 -7.47	54.17 4.40 -4.37	58.40 3.60 -12.88	42.26 3.33 -2.32	40.13 3.19 -5.01
GREENBSH_115KV_TB3 55895	25.86 0.66 0.00	22.98 0.67 0.00	21.63 0.57 0.00	20.02 0.53 0.00	20.44 0.52 0.00	23.67 0.46 0.00	29.70 0.29 0.00	33.03 0.52 0.00	31.48 0.53 0.00	26.83 0.37 0.22	26.11 0.39 0.40	27.55 0.47 0.29	27.67 0.58 0.48	28.77 0.65 0.29	27.99 0.76 0.86	30.38 0.77 1.07	33.48 0.96 1.69	42.25 1.25 3.61	50.10 0.97 2.06	50.49 0.99 0.25	46.17 0.77 0.00	42.29 0.38 0.00	36.72 0.11 0.00	31.89 0.06 0.11
GREENDGE_115KV_TB5 80291	25.07 -0.13 0.00	22.36 0.04 0.00	21.25 0.19 0.00	19.57 0.08 0.00	20.04 0.12 0.00	23.55 0.35 0.00	29.67 0.26 0.00	32.61 0.10 0.00	31.29 0.34 0.00	26.91 0.19 -0.04	26.29 0.10 -0.07	27.65 0.27 0.00	27.86 0.22 -0.07	28.69 0.28 0.00	28.46 0.20 -0.17	31.07 0.12 -0.26	34.94 0.24 -0.49	45.04 -0.62 -1.05	51.38 -0.41 -0.60	49.72 -0.10 -0.07	45.67 0.27 0.00	42.25 0.34 0.00	36.87 0.26 0.00	32.60 0.67 0.00
GREENIDGE___3 23582	25.07 -0.13 0.00	22.36 0.04 0.00	21.25 0.19 0.00	19.57 0.08 0.00	20.04 0.12 0.00	23.55 0.35 0.00	29.67 0.26 0.00	32.61 0.10 0.00	31.29 0.34 0.00	26.91 0.19 -0.04	26.29 0.10 -0.07	27.65 0.27 0.00	27.86 0.22 -0.07	28.69 0.28 0.00	28.46 0.20 -0.17	31.07 0.12 -0.26	34.94 0.24 -0.49	45.04 -0.62 -1.05	51.38 -0.41 -0.60	49.72 -0.10 -0.07	45.67 0.27 0.00	42.25 0.34 0.00	36.87 0.26 0.00	32.60 0.67 0.00
GREENIDGE___4 23583	25.07 -0.13 0.00	22.33 0.02 0.00	21.21 0.15 0.00	19.57 0.08 0.00	20.02 0.10 0.00	23.55 0.35 0.00	29.67 0.26 0.00	32.61 0.10 0.00	31.23 0.28 0.00	26.83 0.11 -0.04	26.22 0.03 -0.07	27.59 0.22 0.00	27.84 0.19 -0.07	28.66 0.26 0.00	28.46 0.20 -0.17	31.07 0.12 -0.26	34.98 0.27 -0.49	45.08 -0.58 -1.05	51.38 -0.41 -0.60	49.72 -0.10 -0.07	45.67 0.27 0.00	42.25 0.33 0.00	36.87 0.26 0.00	32.60 0.67 0.00
GREENLWN_69_KV_BK 3 55738	31.38 2.12 -4.06	24.51 1.99 -0.21	22.86 1.79 -0.01	21.17 1.68 -0.01	21.56 1.63 -0.01	24.97 1.76 -0.01	31.36 1.94 -0.01	37.10 2.47 -2.11	33.59 2.63 -0.01	35.46 2.29 -6.49	38.40 2.32 -9.95	39.64 2.30 -9.98	40.96 2.21 -11.18	44.29 2.22 -13.67	48.51 2.16 -18.25	42.89 2.12 -10.09	48.39 2.46 -11.72	74.72 3.35 -26.76	58.33 3.28 -3.87	60.14 3.43 -6.96	49.87 2.77 -1.71	43.90 1.93 -0.06	40.86 2.16 -2.09	38.92 2.23 -4.76
GREENWD_138_KV_38B11_REV_LBMP_J 345004	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.05 2.54 0.00	33.68 2.72 0.00	33.18 2.40 -4.11	37.01 2.43 -8.46	40.99 2.57 -11.05	42.42 2.67 -12.17	42.86 2.87 -11.59	47.21 2.87 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.10 3.19 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
GRISSOM___SOLAR 323813	26.69 1.49 0.00	23.72 1.41 0.00	22.33 1.26 0.00	20.62 1.13 0.00	21.07 1.15 0.00	24.55 1.35 0.00	30.82 1.41 0.00	33.98 1.46 0.00	32.25 1.30 0.00	27.49 0.93 0.12	26.80 0.86 0.18	28.32 0.96 0.01	28.45 1.05 0.17	29.43 1.02 0.00	28.73 1.07 0.44	31.31 1.32 0.69	34.60 1.68 1.29	44.05 2.19 2.75	52.28 2.66 1.57	52.54 2.98 0.19	48.34 2.95 0.00	44.35 2.43 0.00	38.51 1.90 0.00	33.41 1.56 0.08
GROVEVILLE___HYD 323602	27.04 1.84 0.00	24.01 1.70 0.00	22.56 1.50 0.00	20.87 1.38 0.00	21.27 1.35 0.00	24.66 1.46 0.00	31.00 1.59 0.00	34.49 1.98 0.00	33.15 2.20 0.00	29.17 1.89 -0.60	28.92 1.91 -0.89	29.23 2.11 0.25	30.53 2.23 -0.72	30.55 2.47 0.33	32.83 2.50 -2.24	37.34 2.76 -3.89	44.95 3.15 -7.59	65.01 4.19 -16.20	64.78 4.35 -9.24	55.19 4.33 -1.11	48.89 3.50 0.00	44.56 2.64 0.00	38.81 2.20 0.00	33.95 1.88 -0.13
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.20 0.00 0.00	22.38 0.07 0.00	21.15 0.08 0.00	19.51 0.02 0.00	19.94 0.02 0.00	23.27 0.07 0.00	29.44 0.03 0.00	32.48 -0.03 0.00	31.02 0.06 0.00	26.70 0.03 0.00	26.12 0.00 0.00	27.48 0.11 0.00	27.66 0.08 0.00	28.43 0.03 0.00	28.07 -0.03 0.00	30.59 -0.09 0.00	34.11 -0.10 0.00	44.26 -0.36 0.00	50.83 -0.36 0.00	49.50 -0.25 0.00	45.26 -0.14 0.00	41.62 -0.29 0.00	36.32 -0.29 0.00	31.77 -0.16 0.00
HAMLTNNY_34_KV_TB 80303	25.15 -0.05 0.00	22.33 0.02 0.00	21.13 0.06 0.00	19.49 0.00 0.00	19.92 0.00 0.00	23.27 0.07 0.00	29.41 0.00 0.00	32.41 -0.10 0.00	31.02 0.06 0.00	26.68 0.00 0.00	26.09 -0.03 0.00	27.45 0.08 0.00	27.66 0.08 0.00	28.40 0.00 0.00	28.04 -0.06 0.00	30.53 -0.15 0.00	34.04 -0.17 0.00	44.08 -0.54 0.00	50.68 -0.51 0.00	49.35 -0.40 0.00	45.21 -0.18 0.00	41.58 -0.34 0.00	36.28 -0.33 0.00	31.83 -0.10 0.00

HAMPSHIRE___PAPER_HYD 323593	24.87 -0.33 0.00	22.00 -0.31 0.00	20.79 -0.27 0.00	19.22 -0.27 0.00	19.74 -0.18 0.00	23.06 -0.14 0.00	29.26 -0.15 0.00	32.29 -0.23 0.00	30.36 -0.59 0.00	25.98 -0.69 0.00	25.39 -0.73 0.00	26.63 -0.74 0.00	26.75 -0.83 0.00	27.55 -0.85 0.00	27.34 -0.76 0.00	30.04 -0.65 0.00	33.53 -0.68 0.00	43.63 -0.98 0.00	50.42 -0.77 0.00	49.15 -0.59 0.00	45.08 -0.32 0.00	41.92 0.00 0.00	36.65 0.04 0.00	32.06 0.13 0.00
HARDSCRABBLE_WT_PWR 323673	25.23 0.03 0.00	22.31 0.00 0.00	21.02 -0.04 0.00	19.43 -0.06 0.00	19.88 -0.04 0.00	23.15 -0.05 0.00	29.32 -0.09 0.00	32.51 0.00 0.00	30.95 0.00 0.00	26.62 -0.05 0.00	26.07 -0.05 0.00	27.29 -0.08 0.00	27.44 -0.14 0.00	28.24 -0.17 0.00	27.93 -0.17 0.00	30.59 -0.09 0.00	34.21 0.00 0.00	44.70 0.09 0.00	51.34 0.15 0.00	50.05 0.30 0.00	45.71 0.32 0.00	42.21 0.30 0.00	36.79 0.18 0.00	32.15 0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.91 1.71 0.00	23.87 1.56 0.00	22.43 1.37 0.00	20.76 1.27 0.00	21.15 1.23 0.00	24.52 1.32 0.00	30.85 1.44 0.00	34.33 1.82 0.00	33.03 2.07 0.00	30.25 1.84 -1.73	31.16 1.83 -3.21	32.16 2.03 -2.77	33.76 2.12 -4.06	33.60 2.36 -2.83	37.17 2.36 -6.71	40.97 2.58 -7.71	48.63 2.94 -11.48	73.03 3.93 -24.49	69.20 4.04 -13.97	55.41 3.98 -1.68	48.62 3.22 0.00	44.31 2.39 0.00	38.62 2.01 0.00	33.84 1.79 -0.12
HARSNRAD_115KV_TB1 81005	24.27 -0.93 0.00	21.89 -0.42 0.00	20.92 -0.15 0.00	19.16 -0.33 0.00	19.54 -0.38 0.00	23.04 -0.16 0.00	28.38 -1.03 0.00	31.02 -1.50 0.00	30.24 -0.71 0.00	25.96 -0.75 -0.03	25.41 -0.76 -0.05	26.80 -0.57 0.00	27.02 -0.61 -0.05	27.92 -0.48 0.00	27.40 -0.81 -0.12	29.71 -1.17 -0.19	33.13 -1.44 -0.35	42.15 -3.21 -0.75	48.24 -3.38 -0.43	46.91 -2.89 -0.05	43.71 -1.68 0.00	40.11 -1.80 0.00	35.37 -1.24 0.00	31.96 0.03 0.00
HARZA MOOSE___RIVER 24016	25.43 0.23 0.00	22.54 0.22 0.00	21.27 0.21 0.00	19.67 0.18 0.00	20.14 0.22 0.00	23.53 0.32 0.00	29.82 0.41 0.00	32.93 0.42 0.00	31.14 0.19 0.00	26.65 -0.03 0.00	26.04 -0.08 0.00	27.34 -0.03 0.00	27.47 -0.11 0.00	28.29 -0.11 0.00	28.12 0.03 0.00	30.80 0.12 0.00	34.38 0.17 0.00	44.88 0.27 0.00	51.75 0.56 0.00	50.49 0.75 0.00	46.21 0.82 0.00	42.80 0.88 0.00	37.12 0.51 0.00	32.41 0.48 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	25.20 0.00 0.00	22.38 0.07 0.00	21.15 0.08 0.00	19.51 0.02 0.00	19.94 0.02 0.00	23.27 0.07 0.00	29.41 0.00 0.00	32.45 -0.07 0.00	31.02 0.06 0.00	26.70 0.03 0.00	26.15 0.03 0.00	27.48 0.11 0.00	27.69 0.11 0.00	28.46 0.06 0.00	28.10 0.00 0.00	30.62 -0.06 0.00	34.18 -0.03 0.00	44.30 -0.31 0.00	50.83 -0.36 0.00	49.50 -0.25 0.00	45.26 -0.14 0.00	41.62 -0.29 0.00	36.28 -0.33 0.00	31.77 -0.16 0.00
HELLGATE_13_KV_LD 55870	27.53 2.32 -0.01	24.46 2.14 -0.01	22.99 1.92 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.06 1.86 0.00	31.53 2.12 0.00	35.11 2.60 0.00	33.77 2.82 0.00	33.29 2.51 -4.11	37.09 2.51 -8.46	41.07 2.65 -11.05	42.47 2.73 -12.17	42.92 2.93 -11.59	47.24 2.89 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.92 4.77 -29.53	73.14 5.12 -16.83	56.80 5.02 -2.03	49.52 4.13 0.00	45.15 3.23 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.53 2.32 -0.01	24.46 2.14 -0.01	22.99 1.92 -0.01	21.25 1.75 -0.01	21.64 1.71 -0.01	25.06 1.86 0.00	31.53 2.12 0.00	35.11 2.60 0.00	33.77 2.82 0.00	33.29 2.51 -4.11	37.09 2.51 -8.46	41.07 2.65 -11.05	42.47 2.73 -12.17	42.92 2.93 -11.59	47.24 2.89 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.92 4.77 -29.53	73.14 5.12 -16.83	56.80 5.02 -2.03	49.52 4.13 0.00	45.15 3.23 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14
HEMPSTEAD___ 23647	33.26 2.14 -5.92	24.63 2.01 -0.30	22.85 1.77 -0.01	21.18 1.68 -0.01	21.58 1.65 -0.01	25.00 1.79 -0.01	31.42 2.00 -0.01	38.23 2.63 -3.08	33.78 2.82 -0.01	39.14 2.45 -10.01	44.71 2.43 -16.16	48.62 2.49 -18.76	49.59 2.54 -19.48	55.45 2.58 -24.46	62.31 2.47 -31.74	62.01 2.61 -28.72	80.18 2.97 -42.99	104.30 3.97 -55.71	75.01 4.00 -19.82	77.64 4.08 -23.81	59.07 3.31 -10.37	52.07 2.56 -7.60	48.57 2.38 -9.58	48.03 2.23 -13.87
HICKLING___1 23621	25.12 -0.08 0.00	22.47 0.16 0.00	21.40 0.34 0.00	19.70 0.21 0.00	20.20 0.28 0.00	23.73 0.53 0.00	29.85 0.44 0.00	32.74 0.23 0.00	31.42 0.46 0.00	27.08 0.35 -0.06	26.47 0.26 -0.09	27.81 0.44 -0.01	28.05 0.39 -0.08	28.92 0.51 0.00	28.73 0.42 -0.22	31.42 0.40 -0.34	35.40 0.55 -0.64	45.89 -0.09 -1.36	52.17 0.20 -0.78	50.39 0.55 -0.09	46.26 0.86 0.00	42.46 0.54 0.00	37.09 0.48 0.00	32.98 1.05 0.00
HICKLING___2 23622	25.12 -0.08 0.00	22.47 0.16 0.00	21.40 0.34 0.00	19.70 0.21 0.00	20.20 0.28 0.00	23.73 0.53 0.00	29.85 0.44 0.00	32.74 0.23 0.00	31.42 0.46 0.00	27.08 0.35 -0.06	26.47 0.26 -0.09	27.81 0.44 -0.01	28.05 0.39 -0.08	28.92 0.51 0.00	28.73 0.42 -0.22	31.42 0.40 -0.34	35.40 0.55 -0.64	45.89 -0.09 -1.36	52.17 0.20 -0.78	50.39 0.55 -0.09	46.26 0.86 0.00	42.46 0.54 0.00	37.09 0.48 0.00	32.98 1.05 0.00
HIGH FALLS___HY 23754	27.14 1.94 0.00	24.08 1.76 0.00	22.62 1.56 0.00	20.91 1.42 0.00	21.33 1.41 0.00	24.73 1.53 0.00	31.14 1.74 0.00	34.62 2.11 0.00	33.34 2.38 0.00	29.35 2.08 -0.59	29.12 2.06 -0.93	29.75 2.33 -0.06	30.86 2.40 -0.88	31.10 2.70 0.00	33.00 2.67 -2.23	37.17 2.95 -3.54	44.16 3.35 -6.59	63.19 4.51 -14.07	64.03 4.81 -8.03	55.49 4.78 -0.97	49.30 3.90 0.00	44.89 2.98 0.00	39.14 2.53 0.00	34.20 2.17 -0.10
HIGH_RIVER___SOLAR 323847	26.36 1.16 0.00	23.41 1.09 0.00	22.03 0.97 0.00	20.37 0.88 0.00	20.82 0.90 0.00	24.20 1.00 0.00	30.38 0.97 0.00	33.52 1.01 0.00	31.79 0.84 0.00	27.08 0.53 0.13	26.41 0.50 0.20	27.88 0.52 0.01	27.99 0.61 0.19	29.00 0.60 0.00	28.14 0.53 0.49	30.62 0.71 0.77	33.76 0.99 1.44	43.01 1.47 3.07	51.23 1.79 1.75	51.67 2.14 0.21	47.44 2.04 0.00	43.55 1.63 0.00	37.86 1.25 0.00	32.90 1.05 0.08
HILLBURN___GT 23639	26.96 1.76 0.00	23.94 1.63 0.00	22.45 1.39 0.00	20.80 1.31 0.00	21.20 1.28 0.00	24.57 1.37 0.00	30.91 1.50 0.00	34.53 2.02 0.00	33.21 2.26 0.00	30.64 2.05 -1.91	31.77 2.06 -3.59	32.85 2.22 -3.26	34.49 2.32 -4.60	34.20 2.44 -3.35	37.97 2.44 -7.44	41.62 2.61 -8.33	49.25 2.94 -12.10	74.39 3.97 -25.81	69.95 4.04 -14.72	55.50 3.98 -1.77	48.57 3.18 0.00	44.26 2.35 0.00	38.66 2.05 0.00	33.87 1.82 -0.13
HILLSIDE_115KV_TB1 80332	24.92 -0.28 0.00	22.27 -0.04 0.00	21.15 0.08 0.00	19.49 0.00 0.00	19.94 0.02 0.00	23.36 0.16 0.00	29.38 -0.03 0.00	32.22 -0.29 0.00	30.95 0.00 0.00	26.71 -0.03 -0.06	26.14 -0.08 -0.10	27.43 0.05 -0.01	27.69 0.03 -0.09	28.52 0.11 0.00	28.38 0.06 -0.23	31.05 0.00 -0.36	34.96 0.07 -0.68	45.53 -0.54 -1.45	51.50 -0.51 -0.82	49.60 -0.25 -0.10	45.44 0.05 0.00	41.75 -0.17 0.00	36.46 -0.15 0.00	32.34 0.42 0.00

HISHELDN_WT_PWR 323625	23.89 -1.31 0.00	21.42 -0.89 0.00	20.50 -0.57 0.00	19.00 -0.49 0.00	19.52 -0.40 0.00	23.11 -0.09 0.00	28.70 -0.71 0.00	31.37 -1.14 0.00	30.24 -0.71 0.00	26.00 -0.72 -0.04	25.43 -0.76 -0.06	26.77 -0.60 0.00	27.00 -0.63 -0.06	27.86 -0.54 0.00	27.52 -0.73 -0.15	30.01 -0.92 -0.24	33.91 -0.75 -0.45	43.26 -2.32 -0.97	49.49 -2.25 -0.55	48.02 -1.79 -0.07	44.49 -0.91 0.00	40.87 -1.05 0.00	35.95 -0.66 0.00	32.31 0.38 0.00
HOLTSVILLE_IC_1 23690	31.48 2.32 -3.96	24.79 2.28 -0.20	23.03 1.96 -0.01	21.47 1.97 -0.01	21.88 1.95 -0.01	25.21 2.00 -0.01	31.54 2.12 -0.01	37.69 3.12 -2.06	34.06 3.10 -0.01	35.59 2.62 -6.30	38.46 2.72 -9.63	39.42 2.55 -9.51	40.88 2.57 -10.74	44.14 2.64 -13.10	48.00 2.36 -17.54	56.72 2.55 -23.50	92.10 2.87 -55.02	118.03 3.79 -69.63	133.51 3.84 -78.48	59.83 3.98 -6.10	53.65 3.41 -4.85	48.65 2.56 -4.18	40.92 2.60 -1.71	38.87 2.65 -4.29
HOLTSVILLE_IC_10 23699	31.63 2.44 -3.99	24.91 2.39 -0.20	23.14 2.07 -0.01	21.56 2.06 -0.01	21.98 2.05 -0.01	25.30 2.09 -0.01	31.65 2.23 -0.01	37.87 3.28 -2.08	34.21 3.25 -0.01	35.81 2.77 -6.36	38.74 2.90 -9.72	39.72 2.71 -9.65	41.20 2.76 -10.87	44.54 2.87 -13.26	48.47 2.61 -17.76	60.92 2.82 -27.41	95.55 3.18 -58.16	121.50 4.19 -72.69	138.66 4.30 -83.17	60.59 4.43 -6.42	54.43 3.81 -5.22	50.40 2.89 -5.60	41.32 2.86 -1.85	39.26 2.87 -4.46
HOLTSVILLE_IC_2 23691	31.48 2.32 -3.96	24.79 2.28 -0.20	23.03 1.96 -0.01	21.47 1.97 -0.01	21.88 1.95 -0.01	25.21 2.00 -0.01	31.54 2.12 -0.01	37.69 3.12 -2.06	34.06 3.10 -0.01	35.59 2.62 -6.30	38.46 2.72 -9.63	39.42 2.55 -9.51	40.88 2.57 -10.74	44.14 2.64 -13.10	48.00 2.36 -17.54	56.72 2.55 -23.50	92.10 2.87 -55.02	118.03 3.79 -69.63	133.51 3.84 -78.48	59.83 3.98 -6.10	53.65 3.41 -4.85	48.65 2.56 -4.18	40.92 2.60 -1.71	38.87 2.65 -4.29
HOLTSVILLE_IC_3 23692	31.48 2.32 -3.96	24.79 2.28 -0.20	23.03 1.96 -0.01	21.47 1.97 -0.01	21.88 1.95 -0.01	25.21 2.00 -0.01	31.54 2.12 -0.01	37.69 3.12 -2.06	34.06 3.10 -0.01	35.59 2.62 -6.30	38.46 2.72 -9.63	39.42 2.55 -9.51	40.88 2.57 -10.74	44.14 2.64 -13.10	48.00 2.36 -17.54	56.72 2.55 -23.50	92.10 2.87 -55.02	118.03 3.79 -69.63	133.51 3.84 -78.48	59.83 3.98 -6.10	53.65 3.41 -4.85	48.65 2.56 -4.18	40.92 2.60 -1.71	38.87 2.65 -4.29
HOLTSVILLE_IC_4 23693	31.48 2.32 -3.96	24.79 2.28 -0.20	23.03 1.96 -0.01	21.47 1.97 -0.01	21.88 1.95 -0.01	25.21 2.00 -0.01	31.54 2.12 -0.01	37.69 3.12 -2.06	34.06 3.10 -0.01	35.59 2.62 -6.30	38.46 2.72 -9.63	39.42 2.55 -9.51	40.88 2.57 -10.74	44.14 2.64 -13.10	48.00 2.36 -17.54	56.72 2.55 -23.50	92.10 2.87 -55.02	118.03 3.79 -69.63	133.51 3.84 -78.48	59.83 3.98 -6.10	53.65 3.41 -4.85	48.65 2.56 -4.18	40.92 2.60 -1.71	38.87 2.65 -4.29
HOLTSVILLE_IC_5 23694	31.48 2.32 -3.96	24.79 2.28 -0.20	23.03 1.96 -0.01	21.47 1.97 -0.01	21.88 1.95 -0.01	25.21 2.00 -0.01	31.54 2.12 -0.01	37.69 3.12 -2.06	34.06 3.10 -0.01	35.59 2.62 -6.30	38.46 2.72 -9.63	39.42 2.55 -9.51	40.88 2.57 -10.74	44.14 2.64 -13.10	48.00 2.36 -17.54	56.72 2.55 -23.50	92.10 2.87 -55.02	118.03 3.79 -69.63	133.51 3.84 -78.48	59.83 3.98 -6.10	53.65 3.41 -4.85	48.65 2.56 -4.18	40.92 2.60 -1.71	38.87 2.65 -4.29
HOLTSVILLE_IC_6 23695	31.63 2.44 -3.99	24.91 2.39 -0.20	23.14 2.07 -0.01	21.56 2.06 -0.01	21.98 2.05 -0.01	25.30 2.09 -0.01	31.65 2.23 -0.01	37.87 3.28 -2.08	34.21 3.25 -0.01	35.81 2.77 -6.36	38.74 2.90 -9.72	39.72 2.71 -9.65	41.20 2.76 -10.87	44.54 2.87 -13.26	48.47 2.61 -17.76	60.92 2.82 -27.41	95.55 3.18 -58.16	121.50 4.19 -72.69	138.66 4.30 -83.17	60.59 4.43 -6.42	54.43 3.81 -5.22	50.40 2.89 -5.60	41.32 2.86 -1.85	39.26 2.87 -4.46
HOLTSVILLE_IC_7 23696	31.63 2.44 -3.99	24.91 2.39 -0.20	23.14 2.07 -0.01	21.56 2.06 -0.01	21.98 2.05 -0.01	25.30 2.09 -0.01	31.65 2.23 -0.01	37.87 3.28 -2.08	34.21 3.25 -0.01	35.81 2.77 -6.36	38.74 2.90 -9.72	39.72 2.71 -9.65	41.20 2.76 -10.87	44.54 2.87 -13.26	48.47 2.61 -17.76	60.92 2.82 -27.41	95.55 3.18 -58.16	121.50 4.19 -72.69	138.66 4.30 -83.17	60.59 4.43 -6.42	54.43 3.81 -5.22	50.40 2.89 -5.60	41.32 2.86 -1.85	39.26 2.87 -4.46
HOLTSVILLE_IC_8 23697	31.63 2.44 -3.99	24.91 2.39 -0.20	23.14 2.07 -0.01	21.56 2.06 -0.01	21.98 2.05 -0.01	25.30 2.09 -0.01	31.65 2.23 -0.01	37.87 3.28 -2.08	34.21 3.25 -0.01	35.81 2.77 -6.36	38.74 2.90 -9.72	39.72 2.71 -9.65	41.20 2.76 -10.87	44.54 2.87 -13.26	48.47 2.61 -17.76	60.92 2.82 -27.41	95.55 3.18 -58.16	121.50 4.19 -72.69	138.66 4.30 -83.17	60.59 4.43 -6.42	54.43 3.81 -5.22	50.40 2.89 -5.60	41.32 2.86 -1.85	39.26 2.87 -4.46
HOLTSVILLE_IC_9 23698	31.63 2.44 -3.99	24.91 2.39 -0.20	23.14 2.07 -0.01	21.56 2.06 -0.01	21.98 2.05 -0.01	25.30 2.09 -0.01	31.65 2.23 -0.01	37.87 3.28 -2.08	34.21 3.25 -0.01	35.81 2.77 -6.36	38.74 2.90 -9.72	39.72 2.71 -9.65	41.20 2.76 -10.87	44.54 2.87 -13.26	48.47 2.61 -17.76	60.92 2.82 -27.41	95.55 3.18 -58.16	121.50 4.19 -72.69	138.66 4.30 -83.17	60.59 4.43 -6.42	54.43 3.81 -5.22	50.40 2.89 -5.60	41.32 2.86 -1.85	39.26 2.87 -4.46
HOMER_HL_115KV_TB2 355744	24.52 -0.68 0.00	22.11 -0.20 0.00	21.15 0.08 0.00	19.41 -0.08 0.00	19.84 -0.08 0.00	23.39 0.19 0.00	29.17 -0.24 0.00	31.96 -0.55 0.00	31.05 0.09 0.00	26.77 0.05 -0.04	26.18 0.00 -0.06	27.56 0.19 0.00	27.77 0.14 -0.06	28.75 0.34 0.00	28.39 0.14 -0.15	30.92 0.00 -0.24	34.59 -0.07 -0.45	43.88 -1.70 -0.96	50.00 -1.74 -0.55	48.42 -1.39 -0.07	44.71 -0.68 0.00	41.04 -0.88 0.00	35.91 -0.70 0.00	32.53 0.61 0.00
HOWARD_WT_PWR 323690	24.02 -1.18 0.00	21.49 -0.83 0.00	20.58 -0.48 0.00	19.10 -0.39 0.00	19.70 -0.22 0.00	23.36 0.16 0.00	29.38 -0.03 0.00	32.19 -0.33 0.00	30.92 -0.03 0.00	26.59 -0.13 -0.05	25.98 -0.21 -0.07	27.37 0.00 0.00	27.59 -0.06 -0.07	28.49 0.09 0.00	28.27 0.00 -0.18	30.84 -0.12 -0.28	34.84 0.10 -0.53	44.72 -1.02 -1.13	51.16 -0.67 -0.64	49.67 -0.15 -0.08	45.89 0.50 0.00	42.17 0.25 0.00	36.90 0.29 0.00	33.01 1.09 0.00
HQ_GEN_CEDARS 23644	24.47 -0.73 0.00	21.55 -0.76 0.00	20.45 -0.61 0.00	18.94 -0.55 0.00	19.44 -0.48 0.00	22.69 -0.51 0.00	29.00 -0.41 0.00	32.06 -0.46 0.00	30.24 -0.71 0.00	26.09 -0.59 0.00	25.49 -0.63 0.00	26.60 -0.77 0.00	26.86 -0.72 0.00	27.61 -0.80 0.00	27.39 -0.70 0.00	30.01 -0.68 0.00	33.39 -0.82 0.00	43.54 -1.07 0.00	50.37 -0.82 0.00	48.75 -0.99 0.00	44.67 -0.73 0.00	41.67 -0.25 0.00	36.65 0.04 0.00	31.96 0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	24.47 -0.73 0.00	21.55 -0.76 0.00	20.45 -0.61 0.00	18.94 -0.55 0.00	19.44 -0.48 0.00	22.69 -0.51 0.00	29.00 -0.41 0.00	32.09 -0.42 0.00	30.24 -0.71 0.00	26.09 -0.59 0.00	25.49 -0.63 0.00	26.63 -0.74 0.00	26.83 -0.74 0.00	27.61 -0.80 0.00	27.36 -0.73 0.00	30.01 -0.68 0.00	33.39 -0.82 0.00	43.54 -1.07 0.00	50.37 -0.82 0.00	48.75 -0.99 0.00	44.67 -0.73 0.00	42.34 -0.25 -0.68	35.97 0.04 0.68	31.96 0.03 0.00

HQ_GEN_IMPORT 323601	24.77 -0.43 0.00	21.84 -0.47 0.00	20.66 -0.40 0.00	19.12 -0.37 0.00	19.58 -0.34 0.00	18.00 -0.35 4.85	34.06 -0.20 -4.85	32.22 -0.29 0.00	30.52 -0.43 0.00	26.36 -0.32 0.00	25.81 -0.31 0.00	26.96 -0.41 0.00	27.11 -0.47 0.00	27.95 -0.46 0.00	27.64 -0.45 0.00	30.22 -0.46 0.00	33.63 -0.58 0.00	43.99 -0.62 0.00	50.73 -0.46 0.00	49.20 -0.55 0.00	44.94 -0.45 0.00	42.47 -0.13 -0.68	35.93 0.00 0.68	31.83 -0.10 0.00
HQ_GEN_WHEEL 23651	24.77 -0.43 0.00	21.84 -0.47 0.00	20.66 -0.40 0.00	19.12 -0.37 0.00	19.58 -0.34 0.00	18.00 -0.35 4.85	34.06 -0.20 -4.85	32.22 -0.29 0.00	30.52 -0.43 0.00	26.36 -0.32 0.00	25.81 -0.31 0.00	26.96 -0.41 0.00	27.11 -0.47 0.00	27.95 -0.46 0.00	27.64 -0.45 0.00	30.22 -0.46 0.00	33.63 -0.58 0.00	43.99 -0.62 0.00	50.73 -0.46 0.00	49.20 -0.55 0.00	44.94 -0.45 0.00	42.47 -0.13 -0.68	35.93 0.00 0.68	31.83 -0.10 0.00
HUDSON AVE_GT_3 23810	27.34 2.14 0.00	24.28 1.96 0.00	22.81 1.75 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.32 1.91 0.00	34.92 2.41 0.00	33.65 2.69 0.00	32.99 2.43 -3.89	36.52 2.43 -7.97	40.17 2.57 -10.22	41.61 2.65 -11.39	41.96 2.84 -10.72	46.28 2.81 -15.38	47.06 3.07 -13.31	51.56 3.49 -13.86	78.80 4.64 -29.54	72.84 4.81 -16.84	56.55 4.78 -2.03	49.25 3.86 0.00	44.85 2.93 0.00	39.28 2.67 0.00	34.39 2.33 -0.14
HUDSON AVE_GT_4 23540	27.34 2.14 0.00	24.28 1.96 0.00	22.81 1.75 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.32 1.91 0.00	34.92 2.41 0.00	33.65 2.69 0.00	32.99 2.43 -3.89	36.52 2.43 -7.97	40.17 2.57 -10.22	41.61 2.65 -11.39	41.96 2.84 -10.72	46.28 2.81 -15.38	47.06 3.07 -13.31	51.56 3.49 -13.86	78.80 4.64 -29.54	72.84 4.81 -16.84	56.55 4.78 -2.03	49.25 3.86 0.00	44.85 2.93 0.00	39.28 2.67 0.00	34.39 2.33 -0.14
HUDSON AVE_GT_5 23657	27.34 2.14 0.00	24.28 1.96 0.00	22.81 1.75 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.32 1.91 0.00	34.92 2.41 0.00	33.65 2.69 0.00	32.99 2.43 -3.89	36.52 2.43 -7.97	40.17 2.57 -10.22	41.61 2.65 -11.39	41.96 2.84 -10.72	46.28 2.81 -15.38	47.06 3.07 -13.31	51.56 3.49 -13.86	78.80 4.64 -29.54	72.84 4.81 -16.84	56.55 4.78 -2.03	49.25 3.86 0.00	44.85 2.93 0.00	39.28 2.67 0.00	34.39 2.33 -0.14
HUDSON_AVE_10 24168	27.27 2.07 0.00	24.21 1.90 0.00	22.73 1.66 0.00	21.01 1.52 0.00	21.39 1.47 0.00	24.78 1.58 0.00	31.23 1.82 0.00	34.85 2.34 0.00	33.55 2.60 0.00	32.94 2.37 -3.89	36.44 2.35 -7.97	40.11 2.52 -10.22	41.56 2.59 -11.39	41.90 2.78 -10.72	46.23 2.75 -15.38	47.00 3.01 -13.31	51.49 3.42 -13.86	78.71 4.55 -29.54	72.74 4.71 -16.84	56.45 4.68 -2.03	49.16 3.77 0.00	44.77 2.85 0.00	39.21 2.60 0.00	34.33 2.27 -0.14
HUDSON___115KV_TB 4 355613	26.28 1.08 0.00	23.36 1.05 0.00	21.99 0.93 0.00	20.33 0.84 0.00	20.76 0.84 0.00	24.08 0.88 0.00	30.23 0.82 0.00	33.52 1.01 0.00	31.88 0.93 0.00	27.34 0.72 0.06	26.71 0.68 0.09	27.94 0.57 0.01	28.40 0.91 0.09	29.20 0.80 0.00	29.05 1.18 0.22	31.62 1.29 0.35	35.13 1.57 0.66	45.31 2.10 1.41	52.59 2.20 0.80	51.89 2.24 0.10	47.25 1.86 0.00	43.30 1.38 0.00	37.56 0.95 0.00	32.66 0.80 0.07
HUNTER MOUNT___DRP 323613	26.33 1.13 0.00	23.41 1.09 0.00	22.03 0.97 0.00	20.37 0.88 0.00	20.80 0.88 0.00	24.13 0.93 0.00	30.29 0.88 0.00	33.58 1.07 0.00	31.91 0.96 0.00	27.47 0.75 -0.04	26.89 0.71 -0.07	27.78 0.41 0.00	28.61 0.97 -0.07	29.06 0.65 0.00	29.50 1.24 -0.16	32.32 1.38 -0.26	36.37 1.68 -0.49	47.93 2.28 -1.04	54.19 2.41 -0.59	52.30 2.49 -0.07	47.39 2.00 0.00	43.47 1.55 0.00	37.67 1.06 0.00	32.85 0.96 0.04
HUNTINGTON_RES_REC 323705	31.50 2.29 -4.00	24.68 2.16 -0.21	22.97 1.90 -0.01	21.35 1.85 -0.01	21.74 1.81 -0.01	25.11 1.90 -0.01	31.48 2.06 -0.01	37.52 2.93 -2.09	33.96 3.00 -0.01	35.65 2.59 -6.39	38.59 2.69 -9.78	39.66 2.57 -9.72	41.08 2.57 -10.94	44.32 2.56 -13.36	48.37 2.42 -17.86	47.67 2.52 -14.47	147.77 2.84 -110.72	173.02 3.79 -124.61	226.12 3.84 -171.09	60.08 3.88 -6.46	58.03 3.22 -9.41	44.25 2.47 0.14	40.90 2.42 -1.87	38.87 2.46 -4.48
HUNTLEY___63 23557	24.47 -0.73 0.00	22.09 -0.22 0.00	21.11 0.04 0.00	19.31 -0.18 0.00	19.72 -0.20 0.00	23.22 0.02 0.00	28.61 -0.79 0.01	31.33 -1.17 0.01	30.58 -0.37 0.01	26.27 -0.43 -0.02	25.72 -0.44 -0.04	27.15 -0.22 0.00	27.37 -0.25 -0.04	28.28 -0.11 0.01	27.79 -0.42 -0.11	30.13 -0.74 -0.19	33.54 -1.03 -0.35	42.61 -2.77 -0.76	48.76 -2.87 -0.44	47.26 -2.54 -0.05	43.94 -1.45 0.00	40.37 -1.55 0.00	35.55 -1.06 0.00	32.12 0.19 0.00
HUNTLEY___64 23558	24.47 -0.73 0.00	22.09 -0.22 0.00	21.11 0.04 0.00	19.31 -0.18 0.00	19.72 -0.20 0.00	23.22 0.02 0.00	28.61 -0.79 0.01	31.33 -1.17 0.01	30.58 -0.37 0.01	26.27 -0.43 -0.02	25.72 -0.44 -0.04	27.15 -0.22 0.00	27.37 -0.25 -0.04	28.28 -0.11 0.01	27.79 -0.42 -0.11	30.13 -0.74 -0.19	33.54 -1.03 -0.35	42.61 -2.77 -0.76	48.76 -2.87 -0.44	47.26 -2.54 -0.05	43.94 -1.45 0.00	40.37 -1.55 0.00	35.55 -1.06 0.00	32.12 0.19 0.00
HUNTLEY___65 23559	24.47 -0.73 0.00	22.09 -0.22 0.00	21.11 0.04 0.00	19.31 -0.18 0.00	19.72 -0.20 0.00	23.22 0.02 0.00	28.61 -0.79 0.01	31.33 -1.17 0.01	30.58 -0.37 0.01	26.27 -0.43 -0.02	25.72 -0.44 -0.04	27.15 -0.22 0.00	27.37 -0.25 -0.04	28.28 -0.11 0.01	27.79 -0.42 -0.11	30.13 -0.74 -0.19	33.54 -1.03 -0.35	42.61 -2.77 -0.76	48.76 -2.87 -0.44	47.26 -2.54 -0.05	43.94 -1.45 0.00	40.37 -1.55 0.00	35.55 -1.06 0.00	32.12 0.19 0.00
HUNTLEY___66 23560	24.47 -0.73 0.00	22.09 -0.22 0.00	21.11 0.04 0.00	19.31 -0.18 0.00	19.72 -0.20 0.00	23.22 0.02 0.00	28.61 -0.79 0.01	31.33 -1.17 0.01	30.58 -0.37 0.01	26.27 -0.43 -0.02	25.72 -0.44 -0.04	27.15 -0.22 0.00	27.37 -0.25 -0.04	28.28 -0.11 0.01	27.79 -0.42 -0.11	30.13 -0.74 -0.19	33.54 -1.03 -0.35	42.61 -2.77 -0.76	48.76 -2.87 -0.44	47.26 -2.54 -0.05	43.94 -1.45 0.00	40.37 -1.55 0.00	35.55 -1.06 0.00	32.12 0.19 0.00
HUNTLEY___67 23561	24.42 -0.78 0.00	22.00 -0.31 0.00	21.02 -0.04 0.00	19.26 -0.23 0.00	19.64 -0.28 0.00	23.13 -0.07 0.00	28.58 -0.82 0.00	31.28 -1.24 0.00	30.49 -0.46 0.00	26.20 -0.51 -0.03	25.65 -0.52 -0.05	27.07 -0.30 0.00	27.29 -0.33 -0.05	28.18 -0.23 0.00	27.68 -0.53 -0.12	30.02 -0.86 -0.20	33.41 -1.16 -0.36	42.54 -2.86 -0.78	48.62 -3.02 -0.45	47.11 -2.69 -0.05	43.80 -1.59 0.00	40.20 -1.72 0.00	35.44 -1.17 0.00	31.99 0.06 0.00
HUNTLEY___68 23562	24.42 -0.78 0.00	22.00 -0.31 0.00	21.02 -0.04 0.00	19.26 -0.23 0.00	19.64 -0.28 0.00	23.13 -0.07 0.00	28.58 -0.82 0.00	31.28 -1.24 0.00	30.49 -0.46 0.00	26.20 -0.51 -0.03	25.65 -0.52 -0.05	27.07 -0.30 0.00	27.29 -0.33 -0.05	28.18 -0.23 0.00	27.68 -0.53 -0.12	30.02 -0.86 -0.20	33.41 -1.16 -0.36	42.54 -2.86 -0.78	48.62 -3.02 -0.45	47.11 -2.69 -0.05	43.80 -1.59 0.00	40.20 -1.72 0.00	35.44 -1.17 0.00	31.99 0.06 0.00

HYLAND___LFGE 323620	25.33 0.13 0.00	22.65 0.34 0.00	21.53 0.46 0.00	19.90 0.41 0.00	20.34 0.42 0.00	24.04 0.83 0.00	30.05 0.65 0.00	32.71 0.20 0.00	31.14 0.19 0.00	26.50 -0.21 -0.04	25.79 -0.39 -0.06	27.10 -0.27 0.00	27.36 -0.28 -0.06	28.18 -0.23 0.00	27.96 -0.28 -0.14	30.79 -0.12 -0.23	34.67 0.03 -0.42	43.46 -2.05 -0.90	49.91 -1.79 -0.51	48.86 -0.95 -0.06	45.80 0.41 0.00	42.04 0.13 0.00	36.72 0.11 0.00	33.65 1.72 0.00
INDECK___CORINTH 23802	27.06 1.86 0.00	24.05 1.74 0.00	22.60 1.54 0.00	20.87 1.38 0.00	21.31 1.39 0.00	24.82 1.62 0.00	31.20 1.79 0.00	34.66 2.15 0.00	32.96 2.01 0.00	28.08 1.55 0.15	27.40 1.51 0.23	28.80 1.45 0.01	28.99 1.63 0.22	30.02 1.62 0.00	29.17 1.63 0.55	31.77 1.97 0.87	35.25 2.67 1.63	43.24 2.10 3.48	51.51 2.31 1.98	51.85 2.34 0.24	47.53 2.13 0.00	43.51 1.59 0.00	37.82 1.21 0.00	32.77 0.96 0.11
INDECK___ILION 23567	25.35 0.15 0.00	22.45 0.13 0.00	21.15 0.08 0.00	19.57 0.08 0.00	20.00 0.08 0.00	23.29 0.09 0.00	29.47 0.06 0.00	32.64 0.13 0.00	31.08 0.12 0.00	26.76 0.08 0.00	26.17 0.05 0.00	27.42 0.05 0.00	27.63 0.06 0.00	28.43 0.03 0.00	28.15 0.06 0.00	30.77 0.09 0.00	34.38 0.17 0.00	44.88 0.27 0.00	51.50 0.31 0.00	50.14 0.40 0.00	45.76 0.36 0.00	42.21 0.29 0.00	36.79 0.18 0.00	32.12 0.19 0.00
INDECK___OLEAN 23982	24.52 -0.68 0.00	22.07 -0.24 0.00	21.04 -0.02 0.00	19.41 -0.08 0.00	19.80 -0.12 0.00	23.39 0.18 0.00	29.14 -0.27 0.00	32.09 -0.42 0.00	31.08 0.12 0.00	26.77 0.05 -0.04	26.18 0.00 -0.06	27.54 0.17 0.00	27.80 0.17 -0.06	28.75 0.34 0.00	28.42 0.17 -0.15	30.92 0.00 -0.24	34.66 0.00 -0.45	43.88 -1.70 -0.96	50.05 -1.69 -0.55	48.47 -1.34 -0.07	44.67 -0.73 0.00	41.03 -0.88 0.00	35.95 -0.66 0.00	32.53 0.61 0.00
INDECK___OSWEGO 23783	24.77 -0.43 0.00	21.98 -0.33 0.00	20.77 -0.29 0.00	19.18 -0.31 0.00	19.60 -0.32 0.00	22.85 -0.35 0.00	28.88 -0.53 0.00	31.73 -0.78 0.00	30.27 -0.68 0.00	26.04 -0.64 0.00	25.49 -0.63 0.00	26.79 -0.58 0.00	27.00 -0.58 0.00	27.75 -0.65 0.00	27.45 -0.65 0.00	29.92 -0.77 0.00	33.39 -0.82 0.00	43.37 -1.25 0.00	49.81 -1.38 0.00	48.50 -1.24 0.00	44.35 -1.04 0.00	40.83 -1.09 0.00	35.62 -0.99 0.00	31.16 -0.77 0.00
INDECK___YERKES 23781	24.49 -0.71 0.00	22.05 -0.27 0.00	21.02 -0.04 0.00	19.33 -0.16 0.00	19.68 -0.24 0.00	23.25 0.05 0.00	28.64 -0.76 0.01	31.40 -1.11 0.01	30.51 -0.43 0.01	26.19 -0.51 -0.02	25.64 -0.52 -0.04	27.06 -0.30 0.00	27.34 -0.28 -0.04	28.26 -0.14 0.01	27.79 -0.42 -0.11	30.13 -0.74 -0.19	33.64 -0.92 -0.35	42.65 -2.72 -0.76	48.86 -2.77 -0.44	47.31 -2.49 -0.05	43.94 -1.45 0.00	40.41 -1.51 0.00	35.62 -0.99 0.00	32.15 0.23 0.00
INDIAN POINT_GT_1 24139	27.01 1.81 0.00	23.99 1.67 0.00	22.52 1.45 0.00	20.83 1.34 0.00	21.23 1.31 0.00	24.59 1.39 0.00	30.94 1.53 0.00	34.46 1.95 0.00	33.15 2.20 0.00	31.17 1.97 -2.52	32.95 1.99 -4.84	34.44 2.13 -4.93	36.20 2.21 -6.42	35.92 2.41 -5.10	40.34 2.42 -9.83	43.64 2.64 -10.32	51.27 3.04 -14.01	78.57 4.06 -29.89	72.38 4.15 -17.05	55.93 4.13 -2.05	48.62 3.22 0.00	44.31 2.39 0.00	38.70 2.09 0.00	33.91 1.85 -0.13
INDIAN POINT_GT_2 23659	27.01 1.81 0.00	23.99 1.67 0.00	22.52 1.45 0.00	20.83 1.34 0.00	21.23 1.31 0.00	24.59 1.39 0.00	30.94 1.53 0.00	34.46 1.95 0.00	33.15 2.20 0.00	31.17 1.97 -2.52	32.95 1.99 -4.84	34.44 2.13 -4.93	36.20 2.21 -6.42	35.92 2.41 -5.10	40.34 2.42 -9.83	43.64 2.64 -10.32	51.27 3.04 -14.01	78.57 4.06 -29.89	72.38 4.15 -17.05	55.93 4.13 -2.05	48.62 3.22 0.00	44.31 2.39 0.00	38.70 2.09 0.00	33.91 1.85 -0.13
INDIAN POINT_GT_3 24019	27.01 1.81 0.00	23.99 1.67 0.00	22.52 1.45 0.00	20.83 1.34 0.00	21.23 1.31 0.00	24.59 1.39 0.00	30.94 1.53 0.00	34.46 1.95 0.00	33.15 2.20 0.00	31.17 1.97 -2.52	32.95 1.99 -4.84	34.44 2.13 -4.93	36.20 2.21 -6.42	35.92 2.41 -5.10	40.34 2.42 -9.83	43.64 2.64 -10.32	51.27 3.04 -14.01	78.57 4.06 -29.89	72.38 4.15 -17.05	55.93 4.13 -2.05	48.62 3.22 0.00	44.31 2.39 0.00	38.70 2.09 0.00	33.91 1.85 -0.13
INDIAN POINT___2 23530	26.96 1.76 0.00	23.96 1.65 0.00	22.45 1.39 0.00	20.82 1.33 0.00	21.21 1.29 0.00	24.57 1.37 0.00	30.91 1.50 0.00	34.56 2.05 0.00	33.24 2.29 0.00	31.10 2.05 -2.37	32.76 2.06 -4.57	34.28 2.22 -4.69	35.96 2.32 -6.07	35.67 2.41 -4.86	39.75 2.41 -9.27	42.94 2.39 -9.68	50.22 2.94 -13.07	76.42 3.93 -27.88	71.09 4.00 -15.90	55.64 3.98 -1.91	48.57 3.18 0.00	44.22 2.30 0.00	38.62 2.01 0.00	33.88 1.82 -0.13
INDIAN POINT___3 23531	26.99 1.79 0.00	23.96 1.65 0.00	22.50 1.43 0.00	20.81 1.33 0.00	21.21 1.29 0.00	24.57 1.37 0.00	30.91 1.50 0.00	34.43 1.92 0.00	33.09 2.14 0.00	31.10 1.95 -2.48	32.79 1.93 -4.74	34.20 2.11 -4.73	35.99 2.18 -6.24	35.64 2.36 -4.88	40.09 2.33 -9.66	43.50 2.55 -10.27	51.31 2.94 -14.15	78.73 3.93 -30.19	72.40 3.99 -17.22	55.80 3.98 -2.07	48.53 3.13 0.00	44.22 2.31 0.00	38.62 2.01 0.00	33.88 1.82 -0.13
INGHAM_C_115KV_TB7 356103	25.30 0.10 0.00	22.36 0.04 0.00	21.06 0.00 0.00	19.49 0.00 0.00	19.92 0.00 0.00	23.22 0.02 0.00	29.41 0.00 0.00	32.54 0.03 0.00	30.98 0.03 0.00	26.68 0.00 0.00	26.09 -0.03 0.00	27.31 -0.05 0.00	27.49 -0.08 0.00	28.29 -0.11 0.00	28.01 -0.08 0.00	30.65 -0.03 0.00	34.28 0.07 0.00	44.79 0.18 0.00	51.44 0.26 0.00	50.14 0.40 0.00	45.80 0.41 0.00	42.29 0.38 0.00	36.87 0.26 0.00	32.18 0.26 0.00
IP CORINTH___1 23988	27.06 1.86 0.00	24.05 1.74 0.00	22.60 1.54 0.00	20.87 1.38 0.00	21.31 1.39 0.00	24.83 1.62 0.00	31.20 1.79 0.00	34.56 2.05 0.00	32.87 1.92 0.00	28.00 1.47 0.15	27.33 1.44 0.23	28.70 1.34 0.01	28.85 1.49 0.22	30.00 1.59 0.00	29.20 1.66 0.55	31.77 1.96 0.87	35.25 2.67 1.63	43.46 2.32 3.48	51.82 2.61 1.98	52.09 2.59 0.24	47.80 2.41 0.00	43.76 1.84 0.00	38.07 1.46 0.00	32.93 1.12 0.11
IP___TICONDEROGA 23804	28.40 3.20 0.00	25.28 2.97 0.00	23.72 2.65 0.00	21.83 2.34 0.00	22.31 2.39 0.00	26.10 2.90 0.00	32.79 3.38 0.00	36.22 3.71 0.00	34.33 3.37 0.00	29.12 2.59 0.15	28.34 2.46 0.23	29.93 2.57 0.01	30.14 2.79 0.22	31.36 2.95 0.00	30.66 3.12 0.55	33.52 3.71 0.87	37.34 4.76 1.63	46.05 4.91 3.48	54.99 5.78 1.98	55.23 5.72 0.24	50.89 5.49 0.00	46.57 4.65 0.00	40.34 3.73 0.00	34.79 2.97 0.11
ISLIP_RES_REC 323679	31.80 2.60 -4.01	25.02 2.50 -0.21	23.24 2.17 -0.01	21.66 2.16 -0.01	22.08 2.15 -0.01	25.42 2.21 -0.01	31.80 2.38 -0.01	38.04 3.44 -2.09	34.40 3.44 -0.01	36.00 2.93 -6.39	38.98 3.08 -9.78	40.03 2.93 -9.73	41.51 2.98 -10.95	44.90 3.12 -13.37	48.87 2.87 -17.91	65.12 3.13 -31.31	92.63 3.52 -54.90	118.69 4.64 -69.44	133.27 4.76 -77.32	61.26 4.88 -6.64	54.66 4.22 -5.05	52.31 3.27 -7.12	41.71 3.15 -1.95	39.57 3.07 -4.57

JAMAICA__27_KV_LOAD 355505	27.37 2.17 0.00	24.28 1.96 0.00	22.79 1.73 0.00	21.05 1.56 0.00	21.43 1.51 0.00	24.85 1.65 0.00	31.35 1.94 0.00	35.05 2.54 0.00	33.77 2.82 0.00	33.15 2.59 -3.89	36.60 2.51 -7.97	40.28 2.68 -10.22	41.72 2.76 -11.39	42.10 2.98 -10.72	46.48 3.01 -15.38	47.28 3.28 -13.31	51.76 3.69 -13.86	79.16 5.00 -29.54	73.20 5.17 -16.84	56.90 5.12 -2.03	49.62 4.22 0.00	45.06 3.14 0.00	39.43 2.82 0.00	34.59 2.52 -0.14
JANIS__SOLAR 323808	25.98 0.78 0.00	23.07 0.76 0.00	21.84 0.78 0.00	20.15 0.66 0.00	20.64 0.72 0.00	24.18 0.97 0.00	30.61 1.21 0.00	33.65 1.14 0.00	31.85 0.90 0.00	27.22 0.48 -0.06	26.56 0.34 -0.10	27.84 0.46 -0.01	28.08 0.41 -0.09	28.89 0.48 0.00	28.86 0.53 -0.24	31.76 0.71 -0.37	35.86 0.96 -0.70	47.31 1.21 -1.49	53.93 1.90 -0.85	52.14 2.29 -0.10	47.71 2.31 0.00	43.93 2.01 0.00	38.11 1.50 0.00	33.43 1.50 0.00
JARVIS____ 23743	25.35 0.15 0.00	22.47 0.16 0.00	21.19 0.13 0.00	19.63 0.14 0.00	20.06 0.14 0.00	23.34 0.14 0.00	29.50 0.09 0.00	32.67 0.16 0.00	31.11 0.16 0.00	26.78 0.11 0.00	26.22 0.10 0.00	27.51 0.14 0.00	27.72 0.14 0.00	28.55 0.14 0.00	28.24 0.14 0.00	30.87 0.19 0.00	34.42 0.21 0.00	44.88 0.27 0.00	51.45 0.26 0.00	50.00 0.25 0.00	45.62 0.23 0.00	42.04 0.13 0.00	36.68 0.07 0.00	31.99 0.06 0.00
JENNISON____1 23625	26.03 0.83 0.00	23.16 0.85 0.00	21.89 0.82 0.00	20.23 0.74 0.00	20.72 0.80 0.00	24.22 1.02 0.00	30.64 1.24 0.00	33.84 1.33 0.00	32.19 1.24 0.00	27.58 0.83 -0.08	27.00 0.76 -0.12	28.28 0.90 -0.01	28.49 0.80 -0.12	29.34 0.94 0.00	29.40 1.01 -0.30	32.35 1.20 -0.47	36.49 1.40 -0.87	48.27 1.78 -1.87	54.56 2.30 -1.06	52.41 2.54 -0.13	47.94 2.54 0.00	44.14 2.22 0.00	38.26 1.65 0.00	33.56 1.63 0.00
JENNISON____2 23626	26.03 0.83 0.00	23.16 0.85 0.00	21.89 0.82 0.00	20.23 0.74 0.00	20.72 0.80 0.00	24.22 1.02 0.00	30.64 1.24 0.00	33.84 1.33 0.00	32.19 1.24 0.00	27.58 0.83 -0.08	27.00 0.76 -0.12	28.28 0.90 -0.01	28.49 0.80 -0.12	29.34 0.94 0.00	29.40 1.01 -0.30	32.35 1.20 -0.47	36.49 1.40 -0.87	48.27 1.78 -1.87	54.56 2.30 -1.06	52.41 2.54 -0.13	47.94 2.54 0.00	44.14 2.22 0.00	38.26 1.65 0.00	33.56 1.63 0.00
JERICOHO_RISE_WT_PWR 323719	24.02 -1.18 0.00	21.15 -1.16 0.00	20.14 -0.93 0.00	18.67 -0.82 0.00	19.20 -0.72 0.00	22.44 -0.77 0.00	28.70 -0.71 0.00	31.73 -0.78 0.00	29.96 -0.99 0.00	25.88 -0.80 0.00	25.26 -0.86 0.00	26.36 -1.01 0.00	26.53 -1.05 0.00	27.27 -1.14 0.00	27.00 -1.10 0.00	29.58 -1.10 0.00	32.98 -1.23 0.00	43.10 -1.52 0.00	49.96 -1.23 0.00	48.55 -1.19 0.00	44.58 -0.82 0.00	41.67 -0.25 0.00	36.61 0.00 0.00	31.96 0.03 0.00
KATONAH__115KV_46KV_TB4 355592	27.12 1.92 0.00	24.05 1.74 0.00	22.58 1.52 0.00	20.91 1.42 0.00	21.31 1.39 0.00	24.71 1.51 0.00	31.08 1.68 0.00	34.62 2.11 0.00	33.28 2.32 0.00	30.27 2.03 -1.57	30.86 2.06 -2.68	30.93 2.27 -1.29	32.95 2.40 -2.98	32.29 2.64 -1.24	36.71 2.64 -5.98	41.89 3.01 -8.20	51.72 3.49 -14.02	79.12 4.60 -29.91	73.07 4.81 -17.07	56.48 4.68 -2.05	49.03 3.63 0.00	44.64 2.72 0.00	38.92 2.31 0.00	34.04 1.98 -0.14
KCE_NY_1 323755	26.74 1.54 0.00	23.76 1.45 0.00	22.35 1.29 0.00	20.66 1.17 0.00	21.09 1.17 0.00	24.50 1.30 0.00	30.79 1.38 0.00	34.23 1.72 0.00	32.56 1.61 0.00	27.69 1.23 0.21	26.94 1.20 0.38	28.36 1.26 0.27	28.52 1.41 0.46	29.59 1.45 0.27	28.73 1.46 0.83	31.36 1.72 1.03	34.68 2.12 1.66	43.58 2.50 3.53	51.83 2.66 2.02	52.19 2.68 0.24	47.80 2.40 0.00	43.80 1.89 0.00	38.04 1.43 0.00	33.02 1.21 0.12
KCE_NY_6_ESR 323823	24.65 -0.55 0.00	22.16 -0.16 0.00	21.15 0.08 0.00	19.47 -0.02 0.00	19.82 -0.10 0.00	23.41 0.21 0.00	28.94 -0.47 0.00	31.80 -0.72 0.00	30.89 -0.06 0.00	26.52 -0.19 -0.03	25.99 -0.18 -0.05	27.40 0.03 0.00	27.68 0.06 -0.05	28.63 0.23 0.00	28.17 -0.06 -0.13	30.58 -0.31 -0.21	34.05 -0.55 -0.38	43.25 -2.19 -0.82	49.47 -2.20 -0.48	47.96 -1.84 -0.06	44.44 -0.96 0.00	40.87 -1.05 0.00	35.99 -0.62 0.00	32.41 0.48 0.00
KEDC PORT_JEFF_GT2 24210	31.60 2.42 -3.98	24.86 2.34 -0.20	23.10 2.02 -0.01	21.54 2.05 -0.01	21.96 2.03 -0.01	25.27 2.06 -0.01	31.62 2.21 -0.01	37.80 3.22 -2.07	34.18 3.22 -0.01	35.73 2.72 -6.34	38.66 2.85 -9.69	39.57 2.60 -9.60	41.02 2.62 -10.82	44.34 2.73 -13.21	48.26 2.47 -17.69	57.82 2.61 -24.53	99.57 2.84 -62.52	125.38 3.75 -77.01	145.67 3.79 -90.69	59.93 3.88 -6.30	54.32 3.41 -5.52	49.04 2.69 -4.44	41.19 2.78 -1.80	39.10 2.78 -4.40
KEDC PORT_JEFF_GT3 24211	31.60 2.42 -3.98	24.86 2.34 -0.20	23.10 2.02 -0.01	21.54 2.05 -0.01	21.96 2.03 -0.01	25.27 2.06 -0.01	31.62 2.21 -0.01	37.80 3.22 -2.07	34.18 3.22 -0.01	35.73 2.72 -6.34	38.66 2.85 -9.69	39.57 2.60 -9.60	41.02 2.62 -10.82	44.34 2.73 -13.21	48.26 2.47 -17.69	57.82 2.61 -24.53	99.57 2.84 -62.52	125.38 3.75 -77.01	145.67 3.79 -90.69	59.93 3.88 -6.30	54.32 3.41 -5.52	49.04 2.69 -4.44	41.19 2.78 -1.80	39.10 2.78 -4.40
KEDC_GLWD_GT4 24219	34.29 2.22 -6.87	24.72 2.05 -0.35	22.87 1.79 -0.02	21.20 1.69 -0.02	21.61 1.67 -0.02	25.03 1.81 -0.02	31.45 2.03 -0.02	38.78 2.70 -3.58	33.85 2.88 -0.02	41.04 2.56 -11.80	47.83 2.40 -19.31	53.09 2.52 -23.21	53.86 2.59 -23.69	61.00 2.67 -29.93	67.73 2.61 -37.02	64.73 2.79 -31.26	91.28 3.18 -53.88	116.10 4.24 -67.25	75.35 4.30 -19.86	78.05 4.28 -24.03	59.36 3.50 -10.47	52.24 2.64 -7.68	48.35 2.38 -9.37	48.39 2.27 -14.19
KEDC_GLWD_GT5 24220	34.29 2.22 -6.87	24.72 2.05 -0.35	22.87 1.79 -0.02	21.20 1.69 -0.02	21.61 1.67 -0.02	25.03 1.81 -0.02	31.45 2.03 -0.02	38.78 2.70 -3.58	33.85 2.88 -0.02	41.04 2.56 -11.80	47.83 2.40 -19.31	53.09 2.52 -23.21	53.86 2.59 -23.69	61.00 2.67 -29.93	67.73 2.61 -37.02	64.73 2.79 -31.26	91.28 3.18 -53.88	116.10 4.24 -67.25	75.35 4.30 -19.86	78.05 4.28 -24.03	59.36 3.50 -10.47	52.24 2.64 -7.68	48.35 2.38 -9.37	48.39 2.27 -14.19
KENSICO____ 23655	27.09 1.89 0.00	24.08 1.76 0.00	22.60 1.54 0.00	20.91 1.42 0.00	21.31 1.39 0.00	24.69 1.48 0.00	31.03 1.62 0.00	34.59 2.08 0.00	33.28 2.32 0.00	31.56 2.11 -2.78	33.67 2.12 -5.43	35.53 2.27 -5.89	37.26 2.34 -7.34	37.08 2.56 -6.12	41.51 2.53 -10.89	44.39 2.76 -10.94	51.50 3.15 -14.14	79.01 4.24 -30.15	72.69 4.30 -17.20	56.10 4.28 -2.07	48.80 3.40 0.00	44.47 2.56 0.00	38.84 2.23 0.00	34.04 1.98 -0.13
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	27.09 1.89 0.00	24.03 1.72 0.00	22.58 1.52 0.00	20.87 1.38 0.00	21.29 1.37 0.00	24.69 1.48 0.00	31.08 1.68 0.00	34.56 2.05 0.00	33.24 2.29 0.00	29.36 1.97 -0.71	29.25 1.96 -1.17	29.89 2.16 -0.36	31.06 2.26 -1.22	31.25 2.53 -0.32	33.34 2.56 -2.69	37.44 2.82 -3.93	44.44 3.22 -7.01	63.90 4.33 -14.96	64.33 4.61 -8.53	55.35 4.58 -1.03	49.16 3.77 0.00	44.81 2.89 0.00	39.03 2.42 0.00	34.11 2.08 -0.10

KIAC_JFK_GT1 23816	27.22 2.02 0.00	24.14 1.83 0.00	22.67 1.60 0.00	20.93 1.44 0.00	21.33 1.41 0.00	24.71 1.51 0.00	31.17 1.76 0.00	34.82 2.31 0.00	33.59 2.63 0.00	32.99 2.43 -3.89	36.34 2.25 -7.97	40.00 2.41 -10.22	41.45 2.48 -11.39	41.82 2.70 -10.72	46.17 2.70 -15.38	46.94 2.95 -13.31	51.39 3.32 -13.86	78.66 4.51 -29.54	72.64 4.61 -16.84	56.35 4.58 -2.03	49.07 3.68 0.00	44.64 2.72 0.00	39.06 2.45 0.00	34.36 2.30 -0.14
KIAC_JFK_GT2 23817	27.22 2.02 0.00	24.14 1.83 0.00	22.67 1.60 0.00	20.93 1.44 0.00	21.33 1.41 0.00	24.71 1.51 0.00	31.17 1.76 0.00	34.82 2.31 0.00	33.59 2.63 0.00	32.99 2.43 -3.89	36.34 2.25 -7.97	40.00 2.41 -10.22	41.45 2.48 -11.39	41.82 2.70 -10.72	46.17 2.70 -15.38	46.94 2.95 -13.31	51.39 3.32 -13.86	78.66 4.51 -29.54	72.64 4.61 -16.84	56.35 4.58 -2.03	49.07 3.68 0.00	44.64 2.72 0.00	39.06 2.45 0.00	34.36 2.30 -0.14
KIAC_JFK____ 323774	27.22 2.02 0.00	24.16 1.85 0.00	22.62 1.56 0.00	20.93 1.44 0.00	21.33 1.41 0.00	24.71 1.51 0.00	31.17 1.76 0.00	35.02 2.50 0.00	33.74 2.79 0.00	32.94 2.37 -3.89	36.47 2.38 -7.97	40.11 2.52 -10.22	41.59 2.62 -11.39	41.87 2.75 -10.72	46.23 2.75 -15.38	46.97 2.98 -13.31	51.39 3.32 -13.86	78.66 4.50 -29.54	72.64 4.61 -16.84	56.35 4.57 -2.03	49.12 3.72 0.00	44.60 2.69 0.00	39.03 2.42 0.00	34.33 2.27 -0.14
KINTIGH__24_KV_GSU 356498	24.42 -0.78 0.00	21.89 -0.42 0.00	20.83 -0.23 0.00	19.18 -0.31 0.00	19.50 -0.42 0.00	22.99 -0.21 0.00	28.47 -0.94 0.00	31.18 -1.33 0.00	30.18 -0.77 0.00	25.90 -0.77 0.00	25.31 -0.81 0.00	26.77 -0.60 0.00	26.97 -0.61 0.00	27.84 -0.57 0.00	27.41 -0.79 -0.11	29.75 -1.10 -0.17	33.19 -1.33 -0.31	42.47 -2.81 -0.66	48.55 -3.02 -0.38	47.01 -2.78 -0.05	43.62 -1.77 0.00	40.07 -1.84 0.00	35.29 -1.32 0.00	31.71 -0.22 0.00
KINTIGH____ 23543	24.42 -0.78 0.00	21.93 -0.38 0.00	20.92 -0.15 0.00	19.18 -0.31 0.00	19.54 -0.38 0.00	22.99 -0.21 0.00	28.47 -0.94 0.00	31.18 -1.33 0.00	30.27 -0.68 0.00	26.01 -0.67 0.00	25.41 -0.71 0.00	26.85 -0.52 0.00	27.03 -0.55 0.00	27.89 -0.51 0.00	27.44 -0.76 -0.11	29.77 -1.07 -0.17	33.15 -1.37 -0.31	42.47 -2.81 -0.66	48.50 -3.07 -0.38	47.01 -2.79 -0.05	43.67 -1.72 0.00	40.07 -1.84 0.00	35.29 -1.32 0.00	31.70 -0.22 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.32 -0.88 0.00	21.40 -0.91 0.00	20.43 -0.63 0.00	18.92 -0.57 0.00	19.50 -0.42 0.00	22.78 -0.42 0.00	29.11 -0.29 0.00	32.25 -0.26 0.00	30.40 -0.56 0.00	26.22 -0.45 0.00	25.57 -0.55 0.00	26.71 -0.66 0.00	27.00 -0.58 0.00	27.67 -0.74 0.00	27.45 -0.65 0.00	30.10 -0.58 0.00	33.60 -0.62 0.00	43.77 -0.85 0.00	50.83 -0.36 0.00	49.20 -0.55 0.00	45.30 -0.09 0.00	42.38 0.46 0.00	37.27 0.66 0.00	32.60 0.67 0.00
LACHUTE____HYDRO 323717	28.40 3.20 0.00	25.28 2.97 0.00	23.70 2.63 0.00	21.83 2.34 0.00	22.31 2.39 0.00	26.10 2.90 0.00	32.79 3.38 0.00	36.28 3.77 0.00	34.42 3.47 0.00	29.22 2.69 0.15	28.42 2.53 0.23	30.01 2.65 0.01	30.34 2.98 0.22	31.39 2.98 0.00	30.61 3.06 0.55	33.55 3.74 0.87	37.34 4.75 1.63	46.05 4.91 3.48	54.99 5.78 1.98	55.23 5.72 0.24	50.88 5.49 0.00	46.57 4.65 0.00	40.35 3.74 0.00	34.79 2.97 0.11
LAWRNCV_115KV_TB1 80681	24.32 -0.88 0.00	21.42 -0.89 0.00	20.33 -0.74 0.00	18.83 -0.66 0.00	19.34 -0.58 0.00	22.60 -0.60 0.00	28.88 -0.53 0.00	31.93 -0.59 0.00	30.03 -0.93 0.00	25.85 -0.83 0.00	25.26 -0.86 0.00	26.36 -1.01 0.00	26.58 -0.99 0.00	27.33 -1.08 0.00	27.17 -0.93 0.00	29.79 -0.89 0.00	33.08 -1.13 0.00	42.87 -1.74 0.00	49.50 -1.69 0.00	47.96 -1.79 0.00	43.99 -1.41 0.00	41.08 -0.84 0.00	36.24 -0.37 0.00	31.86 -0.06 0.00
LEDERLE____ 23769	27.04 1.84 0.00	24.01 1.70 0.00	22.56 1.50 0.00	20.85 1.36 0.00	21.25 1.33 0.00	24.64 1.44 0.00	30.97 1.56 0.00	34.46 1.95 0.00	33.18 2.23 0.00	30.81 2.03 -2.10	32.11 2.01 -3.98	33.32 2.19 -3.76	34.99 2.26 -5.15	34.78 2.50 -3.87	38.75 2.47 -8.18	42.35 2.70 -8.97	50.05 3.08 -12.76	75.95 4.10 -27.23	70.92 4.20 -15.53	55.79 4.18 -1.87	48.71 3.31 0.00	44.39 2.47 0.00	38.77 2.16 0.00	33.97 1.92 -0.13
LIGHTHSE_115KV_TB6 355974	25.02 -0.18 0.00	22.20 -0.11 0.00	20.98 -0.08 0.00	19.37 -0.12 0.00	19.82 -0.10 0.00	23.15 -0.05 0.00	29.26 -0.15 0.00	32.25 -0.26 0.00	30.68 -0.28 0.00	26.36 -0.32 0.00	25.81 -0.31 0.00	27.12 -0.25 0.00	27.27 -0.30 0.00	28.04 -0.37 0.00	27.70 -0.39 0.00	30.25 -0.43 0.00	33.70 -0.51 0.00	43.86 -0.76 0.00	50.52 -0.67 0.00	49.30 -0.45 0.00	45.12 -0.27 0.00	41.71 -0.21 0.00	36.32 -0.29 0.00	31.74 -0.19 0.00
LINDEN COGEN____ 23786	27.19 1.99 0.00	24.19 1.87 0.00	22.64 1.58 0.00	20.97 1.48 0.00	21.37 1.45 0.00	24.76 1.55 0.00	31.14 1.73 0.00	34.92 2.41 0.00	33.62 2.66 0.00	32.99 2.43 -3.89	36.52 2.43 -7.97	40.14 2.55 -10.22	41.56 2.59 -11.39	41.82 2.70 -10.72	43.99 2.61 -13.28	45.20 2.76 -11.76	48.85 3.15 -11.49	77.77 4.24 -28.91	71.79 4.30 -16.30	55.53 4.28 -1.51	48.15 3.45 0.69	44.47 2.56 0.01	39.03 2.42 0.00	34.20 2.14 -0.14
LINDHRST_69_KV_BK1 356055	32.22 2.57 -4.45	24.95 2.41 -0.23	23.24 2.17 -0.01	21.55 2.05 -0.01	21.92 1.99 -0.01	25.39 2.18 -0.01	31.83 2.41 -0.01	37.91 3.09 -2.31	34.15 3.19 -0.01	36.64 2.75 -7.22	40.18 2.82 -11.24	41.99 2.82 -11.80	43.29 2.81 -12.90	47.21 2.90 -15.91	52.09 2.81 -21.19	63.18 2.95 -29.55	65.53 3.35 -27.96	91.29 4.42 -42.26	79.23 4.56 -23.49	65.61 4.68 -11.18	53.96 3.95 -4.62	52.43 3.19 -7.33	43.42 3.00 -3.81	41.59 2.84 -6.82
LIPA_MISC_IPP 23656	31.38 2.22 -3.96	24.70 2.19 -0.20	22.99 1.92 -0.01	21.47 1.97 -0.01	21.76 1.83 -0.01	25.09 1.88 -0.01	31.36 1.94 -0.01	37.47 2.89 -2.06	33.75 2.79 -0.01	35.36 2.37 -6.31	38.24 2.48 -9.64	39.23 2.33 -9.53	40.68 2.34 -10.76	44.00 2.47 -13.12	48.09 2.42 -17.58	57.29 2.45 -24.16	92.67 2.87 -55.59	118.59 3.79 -70.18	134.38 3.84 -79.35	59.93 4.03 -6.15	53.62 3.31 -4.91	48.89 2.56 -4.42	40.84 2.49 -1.74	38.77 2.52 -4.32
LISF__SOLAR 323691	31.41 2.24 -3.97	24.75 2.23 -0.20	22.99 1.92 -0.01	21.51 2.01 -0.01	21.92 1.99 -0.01	25.13 1.92 -0.01	31.42 2.00 -0.01	37.70 3.12 -2.07	33.96 3.00 -0.01	35.50 2.51 -6.32	38.42 2.64 -9.66	39.39 2.46 -9.56	40.87 2.51 -10.78	44.20 2.64 -13.15	48.10 2.39 -17.62	58.14 2.61 -24.86	93.36 2.97 -56.18	119.34 3.97 -70.76	135.46 4.04 -80.23	60.18 4.23 -6.21	53.96 3.59 -4.98	49.31 2.72 -4.67	41.04 2.67 -1.76	38.96 2.68 -4.35
LITTLE FALLS__HYD 24013	25.30 0.10 0.00	22.36 0.04 0.00	21.06 0.00 0.00	19.49 0.00 0.00	19.92 0.00 0.00	23.22 0.02 0.00	29.41 0.00 0.00	32.54 0.03 0.00	30.98 0.03 0.00	26.68 0.00 0.00	26.09 -0.03 0.00	27.31 -0.05 0.00	27.49 -0.08 0.00	28.29 -0.11 0.00	28.01 -0.08 0.00	30.65 -0.03 0.00	34.28 0.07 0.00	44.79 0.18 0.00	51.44 0.26 0.00	50.14 0.40 0.00	45.80 0.41 0.00	42.29 0.38 0.00	36.87 0.26 0.00	32.18 0.26 0.00

LITTLRIV_115KV_TB1 356100	24.57 -0.63 0.00	21.62 -0.69 0.00	20.52 -0.55 0.00	19.00 -0.49 0.00	19.58 -0.34 0.00	22.88 -0.32 0.00	29.29 -0.12 0.00	32.35 -0.16 0.00	30.27 -0.68 0.00	26.01 -0.67 0.00	25.39 -0.73 0.00	26.49 -0.88 0.00	26.69 -0.88 0.00	27.47 -0.94 0.00	27.37 -0.73 0.00	30.01 -0.68 0.00	33.39 -0.82 0.00	43.28 -1.34 0.00	50.17 -1.02 0.00	48.70 -1.04 0.00	44.76 -0.64 0.00	41.87 -0.04 0.00	36.83 0.22 0.00	32.31 0.38 0.00
LI_NEWBRDGE___DRP 323616	30.96 2.07 -3.69	24.44 1.94 -0.19	22.82 1.75 -0.01	21.13 1.64 -0.01	21.52 1.59 -0.01	24.95 1.74 -0.01	31.33 1.91 -0.01	36.84 2.41 -1.92	33.50 2.54 -0.01	34.68 2.21 -5.79	37.09 2.25 -8.72	37.85 2.24 -8.24	39.34 2.23 -9.53	42.26 2.33 -11.53	45.81 2.25 -15.47	44.98 2.33 -11.97	52.00 2.70 -15.09	78.82 3.61 -30.59	71.71 3.58 -16.94	56.41 3.63 -3.03	48.87 3.00 -0.48	44.58 2.31 -0.36	39.21 2.23 -0.36	36.75 2.14 -2.69
LOCKPORT_115KV_TB60_63_64 80432	24.29 -0.91 0.00	21.91 -0.40 0.00	20.94 -0.13 0.00	19.16 -0.33 0.00	19.54 -0.38 0.00	23.04 -0.16 0.00	28.38 -1.03 0.00	31.02 -1.50 0.00	30.24 -0.71 0.00	25.99 -0.72 -0.03	25.41 -0.76 -0.05	26.83 -0.55 0.00	27.04 -0.58 -0.05	27.92 -0.48 0.00	27.43 -0.79 -0.12	29.70 -1.17 -0.19	33.12 -1.44 -0.35	42.14 -3.21 -0.74	48.24 -3.38 -0.43	46.96 -2.84 -0.05	43.71 -1.68 0.00	40.16 -1.76 0.00	35.40 -1.21 0.00	31.96 0.03 0.00
LOCKPORT___CC1 323769	24.27 -0.93 0.00	21.82 -0.49 0.00	20.81 -0.25 0.00	19.16 -0.33 0.00	19.50 -0.42 0.00	23.04 -0.16 0.00	28.38 -1.03 0.00	31.05 -1.46 0.00	30.15 -0.80 0.00	25.85 -0.85 -0.03	25.31 -0.86 -0.05	26.72 -0.66 0.00	26.96 -0.66 -0.05	27.84 -0.57 0.00	27.37 -0.84 -0.12	29.67 -1.20 -0.19	33.19 -1.37 -0.35	42.15 -3.21 -0.75	48.30 -3.33 -0.43	46.91 -2.89 -0.05	43.67 -1.72 0.00	40.12 -1.80 0.00	35.40 -1.21 0.00	31.96 0.03 0.00
LOCKPORT___CC2 323770	24.27 -0.93 0.00	21.82 -0.49 0.00	20.81 -0.25 0.00	19.16 -0.33 0.00	19.50 -0.42 0.00	23.04 -0.16 0.00	28.38 -1.03 0.00	31.05 -1.46 0.00	30.15 -0.80 0.00	25.85 -0.85 -0.03	25.31 -0.86 -0.05	26.72 -0.66 0.00	26.96 -0.66 -0.05	27.84 -0.57 0.00	27.37 -0.84 -0.12	29.67 -1.20 -0.19	33.19 -1.37 -0.35	42.15 -3.21 -0.75	48.30 -3.33 -0.43	46.91 -2.89 -0.05	43.67 -1.72 0.00	40.12 -1.80 0.00	35.40 -1.21 0.00	31.96 0.03 0.00
LOCKPORT___CC3 323771	24.27 -0.93 0.00	21.82 -0.49 0.00	20.81 -0.25 0.00	19.16 -0.33 0.00	19.50 -0.42 0.00	23.04 -0.16 0.00	28.38 -1.03 0.00	31.05 -1.46 0.00	30.15 -0.80 0.00	25.85 -0.85 -0.03	25.31 -0.86 -0.05	26.72 -0.66 0.00	26.96 -0.66 -0.05	27.84 -0.57 0.00	27.37 -0.84 -0.12	29.67 -1.20 -0.19	33.19 -1.37 -0.35	42.15 -3.21 -0.75	48.30 -3.33 -0.43	46.91 -2.89 -0.05	43.67 -1.72 0.00	40.12 -1.80 0.00	35.40 -1.21 0.00	31.96 0.03 0.00
LOCUSVLY_69_KV_BK2 55797	33.61 2.32 -6.09	24.77 2.14 -0.31	23.02 1.94 -0.01	21.30 1.79 -0.01	21.69 1.75 -0.01	25.14 1.93 -0.01	31.57 2.15 -0.01	38.35 2.67 -3.17	33.85 2.88 -0.01	39.54 2.53 -10.33	45.35 2.51 -16.72	49.54 2.63 -19.55	50.45 2.65 -20.23	56.61 2.78 -25.43	62.72 2.73 -31.90	60.56 2.91 -26.96	82.04 3.32 -44.51	107.26 4.42 -58.23	74.95 4.50 -19.25	73.96 4.53 -19.69	57.52 3.72 -8.41	50.93 2.85 -6.16	46.78 2.64 -7.53	46.19 2.49 -11.77
LONG_LAKE_PHOENIX 24014	24.82 -0.38 0.00	22.02 -0.29 0.00	20.81 -0.25 0.00	19.22 -0.27 0.00	19.64 -0.28 0.00	22.90 -0.30 0.00	28.97 -0.44 0.00	31.96 -0.55 0.00	30.52 -0.43 0.00	26.25 -0.43 0.00	25.70 -0.42 0.00	27.01 -0.36 0.00	27.22 -0.36 0.00	27.95 -0.45 0.00	27.56 -0.53 0.00	30.07 -0.61 0.00	33.53 -0.68 0.00	43.54 -1.07 0.00	49.96 -1.23 0.00	48.70 -1.04 0.00	44.49 -0.91 0.00	40.95 -0.96 0.00	35.69 -0.92 0.00	31.23 -0.70 0.00
LOVETT___3 23632	26.94 1.74 0.00	23.92 1.61 0.00	22.48 1.41 0.00	20.80 1.31 0.00	21.19 1.27 0.00	24.55 1.35 0.00	30.85 1.44 0.00	34.36 1.85 0.00	33.06 2.10 0.00	30.80 1.92 -2.20	32.21 1.91 -4.18	33.44 2.05 -4.02	35.14 2.12 -5.44	34.88 2.33 -4.14	38.97 2.30 -8.57	42.48 2.49 -9.31	50.21 2.87 -13.12	76.45 3.84 -28.00	71.05 3.89 -15.97	55.55 3.88 -1.92	48.44 3.04 0.00	44.14 2.22 0.00	38.59 1.98 0.00	33.81 1.76 -0.13
LOVETT___4 23642	26.94 1.74 0.00	23.92 1.61 0.00	22.48 1.41 0.00	20.80 1.31 0.00	21.19 1.27 0.00	24.55 1.35 0.00	30.85 1.44 0.00	34.36 1.85 0.00	33.06 2.10 0.00	30.80 1.92 -2.20	32.21 1.91 -4.18	33.44 2.05 -4.02	35.14 2.12 -5.44	34.88 2.33 -4.14	38.97 2.30 -8.57	42.48 2.49 -9.31	50.21 2.87 -13.12	76.45 3.84 -28.00	71.05 3.89 -15.97	55.55 3.88 -1.92	48.44 3.04 0.00	44.14 2.22 0.00	38.59 1.98 0.00	33.81 1.76 -0.13
LOVETT___5 23593	26.94 1.74 0.00	23.92 1.61 0.00	22.48 1.41 0.00	20.80 1.31 0.00	21.19 1.27 0.00	24.55 1.35 0.00	30.85 1.44 0.00	34.36 1.85 0.00	33.06 2.10 0.00	30.80 1.92 -2.20	32.21 1.91 -4.18	33.44 2.05 -4.02	35.14 2.12 -5.44	34.88 2.33 -4.14	38.97 2.30 -8.57	42.48 2.49 -9.31	50.21 2.87 -13.12	76.45 3.84 -28.00	71.05 3.89 -15.97	55.55 3.88 -1.92	48.44 3.04 0.00	44.14 2.22 0.00	38.59 1.98 0.00	33.81 1.76 -0.13
LOWER RAQUET___HYD 24057	24.29 -0.91 0.00	21.40 -0.92 0.00	20.29 -0.78 0.00	18.79 -0.70 0.00	19.32 -0.60 0.00	22.58 -0.63 0.00	28.85 -0.56 0.00	31.89 -0.62 0.00	29.96 -0.99 0.00	25.77 -0.91 0.00	25.18 -0.94 0.00	26.30 -1.07 0.00	26.44 -1.13 0.00	27.24 -1.17 0.00	27.06 -1.04 0.00	29.70 -0.98 0.00	33.01 -1.20 0.00	42.65 -1.96 0.00	49.19 -2.00 0.00	47.70 -2.04 0.00	43.76 -1.63 0.00	40.91 -1.01 0.00	36.10 -0.51 0.00	31.83 -0.10 0.00
LOWER___HUDSON 24059	26.38 1.18 0.00	23.45 1.14 0.00	22.05 0.99 0.00	20.43 0.94 0.00	20.84 0.92 0.00	24.15 0.95 0.00	30.32 0.91 0.00	33.85 1.33 0.00	32.22 1.27 0.00	27.40 0.96 0.23	26.67 0.97 0.42	28.15 1.07 0.29	28.24 1.16 0.50	29.34 1.22 0.29	28.41 1.21 0.90	30.97 1.41 1.12	34.09 1.68 1.79	42.97 2.19 3.83	51.10 2.10 2.18	51.57 2.09 0.26	47.16 1.77 0.00	43.22 1.30 0.00	37.49 0.88 0.00	32.51 0.73 0.15
LOWVILLE_115KV_TB2 356335	25.25 0.05 0.00	22.38 0.07 0.00	21.13 0.06 0.00	19.53 0.04 0.00	20.02 0.10 0.00	23.41 0.21 0.00	29.67 0.26 0.00	32.74 0.23 0.00	30.89 -0.06 0.00	26.38 -0.29 0.00	25.78 -0.34 0.00	27.04 -0.33 0.00	27.16 -0.41 0.00	27.98 -0.43 0.00	27.84 -0.25 0.00	30.50 -0.18 0.00	34.04 -0.17 0.00	44.44 -0.18 0.00	51.39 0.20 0.00	50.19 0.45 0.00	45.98 0.59 0.00	42.63 0.71 0.00	36.98 0.37 0.00	32.28 0.35 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	26.71 1.51 0.00	23.74 1.43 0.00	22.35 1.28 0.00	20.66 1.17 0.00	21.07 1.16 0.00	24.50 1.30 0.00	30.76 1.35 0.00	34.10 1.59 0.00	32.47 1.52 0.00	27.58 1.12 0.21	26.83 1.10 0.38	28.28 1.18 0.27	28.39 1.27 0.46	29.53 1.39 0.27	28.73 1.46 0.83	31.33 1.69 1.03	34.68 2.12 1.66	43.54 2.45 3.53	51.78 2.61 2.02	52.14 2.64 0.24	47.75 2.36 0.00	43.80 1.89 0.00	38.04 1.43 0.00	32.99 1.18 0.12

LUTHERNY_35_KV_BK2 355980	26.74 1.54 0.00	23.76 1.45 0.00	22.35 1.28 0.00	20.66 1.17 0.00	21.09 1.18 0.00	24.50 1.30 0.00	30.79 1.38 0.00	34.14 1.63 0.00	32.47 1.52 0.00	27.61 1.15 0.21	26.86 1.12 0.38	28.28 1.18 0.27	28.41 1.30 0.46	29.56 1.42 0.27	28.73 1.46 0.83	31.37 1.72 1.03	34.68 2.12 1.66	43.58 2.50 3.53	51.84 2.66 2.02	52.19 2.69 0.24	47.80 2.41 0.00	43.80 1.89 0.00	38.07 1.46 0.00	33.02 1.21 0.12
LWR___OSWEGATCHIE_HYD 23850	24.87 -0.33 0.00	22.00 -0.31 0.00	20.79 -0.27 0.00	19.22 -0.27 0.00	19.74 -0.18 0.00	23.06 -0.14 0.00	29.26 -0.15 0.00	32.32 -0.20 0.00	30.40 -0.56 0.00	26.01 -0.67 0.00	25.41 -0.71 0.00	26.66 -0.71 0.00	26.78 -0.80 0.00	27.55 -0.85 0.00	27.42 -0.67 0.00	30.04 -0.64 0.00	33.53 -0.68 0.00	43.63 -0.98 0.00	50.42 -0.77 0.00	49.15 -0.60 0.00	45.08 -0.32 0.00	41.92 0.00 0.00	36.65 0.04 0.00	32.06 0.13 0.00
LYONS_FALL_HYD 23570	25.43 0.23 0.00	22.54 0.22 0.00	21.27 0.21 0.00	19.66 0.18 0.00	20.14 0.22 0.00	23.53 0.32 0.00	29.82 0.41 0.00	32.90 0.39 0.00	31.14 0.19 0.00	26.62 -0.05 0.00	26.02 -0.10 0.00	27.31 -0.05 0.00	27.44 -0.14 0.00	28.29 -0.11 0.00	28.04 -0.06 0.00	30.77 0.09 0.00	34.38 0.17 0.00	44.88 0.27 0.00	51.75 0.56 0.00	50.49 0.75 0.00	46.21 0.82 0.00	42.80 0.88 0.00	37.12 0.51 0.00	32.41 0.48 0.00
MADISON___COUNTY_LFGE 323628	25.83 0.63 0.00	22.91 0.60 0.00	21.63 0.57 0.00	19.98 0.49 0.00	20.46 0.54 0.00	23.87 0.67 0.00	30.23 0.82 0.00	33.39 0.88 0.00	31.73 0.77 0.00	27.18 0.51 0.00	26.59 0.47 0.00	27.92 0.55 0.00	28.07 0.50 0.00	28.94 0.54 0.00	28.71 0.62 0.00	31.39 0.71 0.00	35.03 0.82 0.00	45.64 1.03 0.00	52.52 1.33 0.00	51.24 1.49 0.00	46.89 1.50 0.00	43.22 1.30 0.00	37.53 0.92 0.00	32.79 0.86 0.00
MALONE___115KV_TB1 356076	24.27 -0.93 0.00	21.38 -0.94 0.00	20.37 -0.70 0.00	18.90 -0.58 0.00	19.46 -0.46 0.00	22.74 -0.46 0.00	29.06 -0.35 0.00	32.22 -0.29 0.00	30.37 -0.59 0.00	26.17 -0.51 0.00	25.57 -0.55 0.00	26.68 -0.68 0.00	26.94 -0.63 0.00	27.67 -0.74 0.00	27.45 -0.65 0.00	30.07 -0.61 0.00	33.56 -0.65 0.00	43.81 -0.80 0.00	50.88 -0.31 0.00	49.30 -0.45 0.00	45.35 -0.05 0.00	42.34 0.42 0.00	37.20 0.59 0.00	32.47 0.54 0.00
MAPLEWOD_115KV_TB3 80458	26.18 0.98 0.00	23.27 0.96 0.00	21.89 0.82 0.00	20.25 0.76 0.00	20.68 0.76 0.00	23.97 0.77 0.00	30.06 0.65 0.00	33.42 0.91 0.00	31.85 0.90 0.00	27.14 0.69 0.23	26.39 0.68 0.41	27.88 0.79 0.29	28.00 0.91 0.49	29.11 0.99 0.29	28.31 1.10 0.88	30.78 1.20 1.09	33.90 1.44 1.74	42.72 1.83 3.72	50.75 1.69 2.12	51.18 1.69 0.26	46.80 1.41 0.00	42.92 1.01 0.00	37.23 0.62 0.00	32.32 0.51 0.12
MAPLE_RIDGE_WT_1 323574	24.47 -0.73 0.00	21.64 -0.67 0.00	20.47 -0.59 0.00	19.00 -0.49 0.00	19.48 -0.44 0.00	22.74 -0.46 0.00	28.94 -0.47 0.00	32.02 -0.49 0.00	30.46 -0.50 0.00	26.25 -0.43 0.00	25.68 -0.44 0.00	26.85 -0.52 0.00	27.03 -0.55 0.00	27.78 -0.63 0.00	27.50 -0.59 0.00	30.07 -0.61 0.00	33.56 -0.65 0.00	43.86 -0.76 0.00	50.47 -0.72 0.00	49.05 -0.70 0.00	44.76 -0.64 0.00	41.42 -0.50 0.00	36.24 -0.37 0.00	31.67 -0.26 0.00
MAPLE_RIDGE_WT_2 323611	24.47 -0.73 0.00	21.64 -0.67 0.00	20.47 -0.59 0.00	19.00 -0.49 0.00	19.48 -0.44 0.00	22.74 -0.46 0.00	28.94 -0.47 0.00	32.02 -0.49 0.00	30.46 -0.50 0.00	26.25 -0.43 0.00	25.68 -0.44 0.00	26.85 -0.52 0.00	27.03 -0.55 0.00	27.78 -0.63 0.00	27.50 -0.59 0.00	30.07 -0.61 0.00	33.56 -0.65 0.00	43.86 -0.76 0.00	50.47 -0.72 0.00	49.05 -0.70 0.00	44.76 -0.64 0.00	41.42 -0.50 0.00	36.24 -0.37 0.00	31.67 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	23.97 -1.23 0.00	21.11 -1.21 0.00	20.12 -0.95 0.00	18.65 -0.84 0.00	19.20 -0.72 0.00	22.44 -0.77 0.00	28.70 -0.71 0.00	31.73 -0.78 0.00	29.96 -0.99 0.00	25.85 -0.83 0.00	25.26 -0.86 0.00	26.33 -1.04 0.00	26.50 -1.08 0.00	27.24 -1.17 0.00	26.97 -1.12 0.00	29.55 -1.13 0.00	32.95 -1.27 0.00	43.01 -1.60 0.00	49.86 -1.33 0.00	48.50 -1.24 0.00	44.49 -0.91 0.00	41.63 -0.29 0.00	36.57 -0.04 0.00	31.99 0.06 0.00
MARSHVLE_115KV_TB1 80742	26.59 1.39 0.00	23.63 1.32 0.00	22.22 1.16 0.00	20.54 1.05 0.00	20.99 1.08 0.00	24.48 1.28 0.00	30.64 1.24 0.00	33.55 1.04 0.00	31.82 0.87 0.00	27.09 0.51 0.10	26.41 0.44 0.15	27.91 0.55 0.01	28.01 0.58 0.14	29.00 0.60 0.00	28.38 0.65 0.36	31.00 0.89 0.57	34.37 1.23 1.07	44.03 1.70 2.28	52.14 2.25 1.30	52.47 2.89 0.16	48.34 2.95 0.00	44.35 2.43 0.00	38.51 1.90 0.00	33.42 1.56 0.07
MARSH_HILL_WT_PWR 323713	24.04 -1.16 0.00	21.51 -0.80 0.00	20.60 -0.46 0.00	19.12 -0.37 0.00	19.70 -0.22 0.00	23.36 0.16 0.00	29.35 -0.06 0.00	32.19 -0.33 0.00	30.89 -0.06 0.00	26.56 -0.16 -0.05	25.96 -0.24 -0.07	27.35 -0.03 0.00	27.56 -0.08 -0.07	28.46 0.06 0.00	28.21 -0.06 -0.18	30.81 -0.15 -0.28	34.80 0.07 -0.52	44.70 -1.02 -1.11	51.10 -0.72 -0.63	49.67 -0.15 -0.08	45.85 0.45 0.00	42.13 0.21 0.00	36.87 0.26 0.00	32.98 1.05 0.00
MCINTYRE_115KV_TB2 80467	24.70 -0.50 0.00	21.73 -0.58 0.00	20.64 -0.42 0.00	19.12 -0.37 0.00	19.68 -0.24 0.00	23.02 -0.19 0.00	29.47 0.06 0.00	32.48 -0.03 0.00	30.37 -0.59 0.00	26.09 -0.59 0.00	25.47 -0.65 0.00	26.55 -0.82 0.00	26.75 -0.83 0.00	27.52 -0.88 0.00	27.42 -0.67 0.00	30.10 -0.58 0.00	33.49 -0.72 0.00	43.72 -0.89 0.00	50.93 -0.26 0.00	49.45 -0.30 0.00	45.44 0.05 0.00	42.55 0.63 0.00	37.34 0.73 0.00	32.57 0.64 0.00
MECO_____69_KV_BK1 80468	27.06 1.86 0.00	24.05 1.74 0.00	22.62 1.56 0.00	20.89 1.40 0.00	21.35 1.43 0.00	24.92 1.72 0.00	31.26 1.85 0.00	34.36 1.85 0.00	32.59 1.64 0.00	27.71 1.15 0.11	27.01 1.07 0.18	28.56 1.20 0.01	28.68 1.27 0.17	29.74 1.34 0.00	29.10 1.43 0.42	31.76 1.75 0.67	35.15 2.19 1.25	44.84 2.90 2.67	53.25 3.58 1.52	53.44 3.88 0.18	49.21 3.81 0.00	45.06 3.14 0.00	39.14 2.53 0.00	33.93 2.08 0.08
MENANDS___115KV_TB5 355628	26.03 0.83 0.00	23.14 0.83 0.00	21.78 0.72 0.00	20.17 0.68 0.00	20.58 0.66 0.00	23.83 0.63 0.00	29.91 0.50 0.00	33.26 0.75 0.00	31.73 0.77 0.00	27.01 0.56 0.23	26.29 0.57 0.41	27.77 0.68 0.29	27.86 0.77 0.49	29.00 0.88 0.29	28.20 0.98 0.88	30.63 1.04 1.10	33.69 1.23 1.75	42.49 1.61 3.73	50.44 1.38 2.13	50.88 1.39 0.26	46.53 1.13 0.00	42.63 0.71 0.00	36.98 0.37 0.00	32.10 0.29 0.12
MG INDUSTRY___DRP 24185	26.01 0.81 0.00	23.12 0.80 0.00	21.76 0.70 0.00	20.15 0.66 0.00	20.58 0.66 0.00	23.85 0.65 0.00	29.94 0.53 0.00	33.16 0.65 0.00	31.54 0.59 0.00	26.98 0.40 0.10	26.36 0.39 0.15	27.77 0.41 0.01	27.95 0.52 0.15	28.94 0.54 0.00	28.40 0.67 0.37	30.83 0.74 0.59	34.04 0.92 1.10	43.57 1.29 2.34	51.03 1.18 1.33	50.83 1.24 0.16	46.44 1.04 0.00	42.67 0.75 0.00	37.12 0.51 0.00	32.35 0.48 0.06

MID___OSWEGATCHIE_HYD 23849	24.87 -0.33 0.00	22.00 -0.31 0.00	20.79 -0.27 0.00	19.22 -0.27 0.00	19.74 -0.18 0.00	23.06 -0.14 0.00	29.26 -0.15 0.00	32.32 -0.20 0.00	30.40 -0.56 0.00	26.01 -0.67 0.00	25.41 -0.71 0.00	26.66 -0.71 0.00	26.78 -0.80 0.00	27.55 -0.85 0.00	27.42 -0.67 0.00	30.04 -0.64 0.00	33.53 -0.68 0.00	43.63 -0.98 0.00	50.42 -0.77 0.00	49.15 -0.60 0.00	45.08 -0.32 0.00	41.92 0.00 0.00	36.65 0.04 0.00	32.06 0.13 0.00
MID___RAQUETTE_HYD 23851	24.29 -0.91 0.00	21.38 -0.94 0.00	20.28 -0.78 0.00	18.79 -0.70 0.00	19.32 -0.60 0.00	22.57 -0.63 0.00	28.85 -0.56 0.00	31.89 -0.62 0.00	29.96 -0.99 0.00	25.77 -0.91 0.00	25.18 -0.94 0.00	26.27 -1.09 0.00	26.47 -1.10 0.00	27.24 -1.16 0.00	27.11 -0.98 0.00	29.70 -0.98 0.00	33.01 -1.20 0.00	42.65 -1.96 0.00	49.19 -2.00 0.00	47.71 -2.04 0.00	43.76 -1.63 0.00	40.91 -1.01 0.00	36.10 -0.51 0.00	31.83 -0.10 0.00
MILLIKEN___1 23584	25.60 0.40 0.00	22.76 0.45 0.00	21.53 0.46 0.00	19.86 0.37 0.00	20.30 0.38 0.00	23.73 0.53 0.00	30.03 0.62 0.00	33.06 0.55 0.00	31.57 0.62 0.00	27.12 0.40 -0.05	26.53 0.34 -0.07	27.84 0.47 0.00	28.09 0.44 -0.07	28.86 0.45 0.00	28.69 0.42 -0.18	31.39 0.43 -0.28	35.28 0.55 -0.52	46.26 0.54 -1.11	52.59 0.77 -0.63	50.82 0.99 -0.08	46.44 1.04 0.00	42.67 0.75 0.00	37.16 0.55 0.00	32.60 0.67 0.00
MILLIKEN___2 23585	25.60 0.40 0.00	22.76 0.45 0.00	21.53 0.46 0.00	19.86 0.37 0.00	20.30 0.38 0.00	23.73 0.53 0.00	30.03 0.62 0.00	33.06 0.55 0.00	31.57 0.62 0.00	27.12 0.40 -0.05	26.53 0.34 -0.07	27.84 0.47 0.00	28.09 0.44 -0.07	28.86 0.45 0.00	28.69 0.42 -0.18	31.39 0.43 -0.28	35.28 0.55 -0.52	46.26 0.54 -1.11	52.59 0.77 -0.63	50.82 0.99 -0.08	46.44 1.04 0.00	42.67 0.75 0.00	37.16 0.55 0.00	32.60 0.67 0.00
MILLIKEN___DIESEL 23629	25.60 0.40 0.00	22.76 0.45 0.00	21.53 0.46 0.00	19.86 0.37 0.00	20.30 0.38 0.00	23.73 0.53 0.00	30.03 0.62 0.00	33.06 0.55 0.00	31.57 0.62 0.00	27.12 0.40 -0.05	26.53 0.34 -0.07	27.84 0.47 0.00	28.09 0.44 -0.07	28.86 0.45 0.00	28.69 0.42 -0.18	31.39 0.43 -0.28	35.28 0.55 -0.52	46.26 0.54 -1.11	52.59 0.77 -0.63	50.82 0.99 -0.08	46.44 1.04 0.00	42.67 0.75 0.00	37.16 0.55 0.00	32.60 0.67 0.00
MILLSEAT___LFGE 323607	24.70 -0.50 0.00	22.16 -0.16 0.00	21.11 0.04 0.00	19.43 -0.06 0.00	19.78 -0.14 0.00	23.36 0.16 0.00	28.85 -0.56 0.00	31.73 -0.78 0.00	30.80 -0.15 0.00	26.39 -0.32 -0.03	25.78 -0.39 -0.05	27.24 -0.14 0.00	27.51 -0.11 -0.05	28.38 -0.03 0.00	27.93 -0.28 -0.11	30.31 -0.55 -0.18	33.82 -0.72 -0.33	43.09 -2.23 -0.71	49.45 -2.15 -0.41	48.05 -1.74 -0.05	44.85 -0.54 0.00	41.16 -0.75 0.00	36.21 -0.40 0.00	32.57 0.64 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.04 1.84 0.00	24.01 1.70 0.00	22.56 1.50 0.00	20.87 1.38 0.00	21.25 1.33 0.00	24.64 1.44 0.00	30.97 1.56 0.00	34.49 1.98 0.00	33.18 2.23 0.00	31.24 2.00 -2.57	33.06 2.01 -4.93	34.57 2.19 -5.01	36.36 2.26 -6.53	36.06 2.47 -5.18	40.55 2.44 -10.01	43.88 2.67 -10.52	51.61 3.08 -14.32	79.26 4.10 -30.54	72.80 4.20 -17.42	55.97 4.13 -2.10	48.71 3.31 0.00	44.39 2.47 0.00	38.73 2.12 0.00	33.94 1.88 -0.13
MILLWOOD_13_KV_LOAD 356217	27.12 1.92 0.00	24.05 1.74 0.00	22.58 1.52 0.00	20.91 1.42 0.00	21.31 1.39 0.00	24.69 1.48 0.00	31.06 1.65 0.00	34.59 2.08 0.00	33.28 2.32 0.00	31.30 2.05 -2.57	33.14 2.09 -4.93	34.62 2.24 -5.01	36.45 2.34 -6.53	36.17 2.58 -5.18	40.67 2.56 -10.01	44.06 2.85 -10.52	51.85 3.32 -14.32	79.52 4.37 -30.54	73.11 4.50 -17.42	56.27 4.43 -2.10	48.89 3.50 0.00	44.56 2.64 0.00	38.88 2.27 0.00	34.04 1.98 -0.13
MODEL_CITY_ENERGY 24167	24.12 -1.08 0.00	21.69 -0.62 0.00	20.69 -0.38 0.00	19.02 -0.47 0.00	19.34 -0.58 0.00	22.85 -0.35 0.00	28.09 -1.32 0.00	30.73 -1.79 0.00	29.84 -1.11 0.00	25.62 -1.09 -0.04	25.08 -1.10 -0.05	26.47 -0.90 -0.01	26.72 -0.91 -0.05	27.58 -0.82 0.00	27.09 -1.12 -0.12	29.37 -1.50 -0.19	32.83 -1.74 -0.36	41.67 -3.70 -0.76	47.74 -3.89 -0.44	46.47 -3.33 -0.05	43.22 -2.18 0.00	39.74 -2.18 0.00	35.07 -1.54 0.00	31.67 -0.26 0.00
MODERN_LFGE___ 323580	24.12 -1.08 0.00	21.69 -0.62 0.00	20.69 -0.38 0.00	19.02 -0.47 0.00	19.34 -0.58 0.00	22.85 -0.35 0.00	28.09 -1.32 0.00	30.73 -1.79 0.00	29.84 -1.11 0.00	25.62 -1.09 -0.04	25.08 -1.10 -0.05	26.47 -0.90 -0.01	26.72 -0.91 -0.05	27.58 -0.82 0.00	27.09 -1.12 -0.12	29.37 -1.50 -0.19	32.83 -1.74 -0.36	41.67 -3.70 -0.76	47.74 -3.89 -0.44	46.47 -3.33 -0.05	43.22 -2.18 0.00	39.74 -2.18 0.00	35.07 -1.54 0.00	31.67 -0.26 0.00
MOHAWK_PAPER___DRP 24187	26.18 0.98 0.00	23.27 0.96 0.00	21.89 0.82 0.00	20.25 0.76 0.00	20.68 0.76 0.00	23.97 0.77 0.00	30.06 0.65 0.00	33.42 0.91 0.00	31.85 0.90 0.00	27.14 0.69 0.23	26.39 0.68 0.41	27.88 0.79 0.29	28.00 0.91 0.49	29.11 0.99 0.29	28.31 1.10 0.88	30.78 1.20 1.09	33.90 1.44 1.74	42.72 1.83 3.72	50.75 1.69 2.12	51.18 1.69 0.26	46.80 1.41 0.00	42.92 1.01 0.00	37.23 0.62 0.00	32.32 0.51 0.12
MOHICAN___35_KV_115KV_LD 80490	27.04 1.84 0.00	24.03 1.72 0.00	22.60 1.54 0.00	20.87 1.38 0.00	21.31 1.39 0.00	24.80 1.60 0.00	31.14 1.74 0.00	34.53 2.02 0.00	32.81 1.86 0.00	27.88 1.41 0.21	27.10 1.36 0.38	28.44 1.34 0.26	28.58 1.46 0.46	29.73 1.59 0.27	28.93 1.66 0.82	31.58 1.93 1.03	35.13 2.57 1.65	43.64 2.54 3.52	52.00 2.82 2.01	52.29 2.79 0.24	47.98 2.59 0.00	43.93 2.01 0.00	38.18 1.57 0.00	33.06 1.25 0.12
MONGAUP___HYD 23641	26.76 1.56 0.00	23.78 1.47 0.00	22.33 1.26 0.00	20.64 1.15 0.00	21.07 1.15 0.00	24.43 1.23 0.00	30.76 1.35 0.00	34.23 1.72 0.00	32.84 1.89 0.00	29.78 1.60 -1.50	30.25 1.38 -2.74	31.08 1.53 -2.18	32.62 1.65 -3.39	31.98 1.36 -2.21	35.27 1.38 -5.80	39.13 1.53 -6.91	46.65 1.81 -10.62	69.82 2.54 -22.66	66.73 2.61 -12.93	53.99 2.68 -1.56	47.53 2.13 0.00	43.38 1.47 0.00	38.29 1.68 0.00	33.48 1.44 -0.12
MONTAUK___DIESEL 23721	31.51 2.34 -3.97	24.81 2.30 -0.20	23.05 1.98 -0.01	21.54 2.05 -0.01	21.82 1.89 -0.01	25.11 1.90 -0.01	31.42 2.00 -0.01	37.67 3.09 -2.07	34.03 3.06 -0.01	35.68 2.69 -6.31	38.54 2.77 -9.65	39.70 2.79 -9.54	41.21 2.87 -10.77	44.66 3.12 -13.13	48.84 3.15 -17.59	58.28 3.19 -24.41	93.73 3.66 -55.86	120.01 4.95 -70.45	135.91 4.97 -79.76	60.94 5.02 -6.17	54.74 4.40 -4.94	50.07 3.65 -4.51	41.80 3.44 -1.75	39.77 3.51 -4.33
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.12 -1.08 0.00	21.91 -0.40 0.00	21.06 0.00 0.00	19.53 0.04 0.00	20.14 0.22 0.00	23.83 0.63 0.00	29.53 0.12 0.00	32.51 0.00 0.00	31.73 0.77 0.00	27.30 0.59 -0.04	26.73 0.55 -0.06	28.17 0.79 0.00	28.38 0.74 -0.05	29.37 0.97 0.00	28.88 0.65 -0.14	31.36 0.46 -0.22	34.93 0.31 -0.41	44.28 -1.20 -0.87	50.62 -1.07 -0.51	49.06 -0.75 -0.06	45.53 0.14 0.00	41.79 -0.13 0.00	36.65 0.04 0.00	32.98 1.05 0.00

MORRIS_RIDGE___SOLAR 323848	24.14 -1.06 0.00	21.62 -0.69 0.00	20.66 -0.40 0.00	19.16 -0.33 0.00	19.66 -0.26 0.00	23.25 0.05 0.00	29.03 -0.38 0.00	31.67 -0.85 0.00	30.40 -0.56 0.00	26.16 -0.56 -0.05	25.56 -0.63 -0.07	26.88 -0.49 0.00	27.12 -0.52 -0.07	27.98 -0.43 0.00	27.73 -0.53 -0.17	30.28 -0.68 -0.27	34.21 -0.51 -0.51	43.83 -1.87 -1.08	50.12 -1.69 -0.62	48.73 -1.09 -0.07	45.08 -0.32 0.00	41.42 -0.50 0.00	36.32 -0.29 0.00	32.53 0.61 0.00
MORTIMER_115KV_TB3 55949	24.85 -0.35 0.00	22.22 -0.09 0.00	21.11 0.04 0.00	19.39 -0.10 0.00	19.78 -0.14 0.00	23.22 0.02 0.00	28.97 -0.44 0.00	31.83 -0.68 0.00	30.83 -0.12 0.00	26.49 -0.19 0.00	25.88 -0.24 0.00	27.34 -0.03 0.00	27.58 0.00 0.00	28.38 -0.03 0.00	27.90 -0.20 0.00	30.28 -0.40 0.00	33.60 -0.62 0.00	43.05 -1.56 0.00	49.55 -1.64 0.00	48.30 -1.44 0.00	44.80 -0.59 0.00	41.16 -0.75 0.00	36.06 -0.55 0.00	32.09 0.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.27 2.07 0.00	24.21 1.90 0.00	22.75 1.69 0.00	21.03 1.54 0.00	21.43 1.51 0.00	24.83 1.62 0.00	31.23 1.82 0.00	34.82 2.31 0.00	33.52 2.57 0.00	33.25 2.29 -4.29	37.28 2.30 -8.86	41.56 2.46 -11.73	42.90 2.51 -12.81	43.45 2.73 -12.31	47.76 2.70 -16.97	47.78 2.91 -14.18	51.41 3.35 -13.85	78.59 4.46 -29.52	72.62 4.61 -16.82	56.35 4.58 -2.03	49.07 3.68 0.00	44.73 2.81 0.00	39.14 2.53 0.00	34.30 2.23 -0.14
MUNSVILLE_WIND_PWR 323609	26.38 1.18 0.00	23.45 1.14 0.00	22.20 1.14 0.00	20.50 1.01 0.00	21.05 1.13 0.00	24.69 1.49 0.00	31.32 1.91 0.00	34.50 1.98 0.00	32.56 1.61 0.00	27.76 1.01 -0.07	27.07 0.84 -0.11	28.42 1.04 -0.01	28.59 0.91 -0.11	29.43 1.02 0.00	29.43 1.07 -0.27	32.55 1.44 -0.42	36.78 1.78 -0.79	48.70 2.41 -1.68	55.52 3.38 -0.96	53.69 3.83 -0.11	49.21 3.81 0.00	45.39 3.48 0.00	39.21 2.60 0.00	34.39 2.46 0.00
N SALMON___HYD 24042	24.27 -0.93 0.00	21.38 -0.94 0.00	20.39 -0.67 0.00	18.91 -0.58 0.00	19.46 -0.46 0.00	22.74 -0.46 0.00	29.06 -0.35 0.00	32.22 -0.29 0.00	30.36 -0.59 0.00	26.20 -0.48 0.00	25.57 -0.55 0.00	26.69 -0.68 0.00	26.91 -0.66 0.00	27.67 -0.74 0.00	27.45 -0.65 0.00	30.07 -0.61 0.00	33.56 -0.65 0.00	43.81 -0.80 0.00	50.88 -0.31 0.00	49.30 -0.45 0.00	45.35 -0.05 0.00	42.34 0.42 0.00	37.19 0.58 0.00	32.47 0.54 0.00
N.AKRON__115KV_KNAPP 355671	24.67 -0.53 0.00	22.20 -0.11 0.00	21.19 0.13 0.00	19.41 -0.08 0.00	19.80 -0.12 0.00	23.34 0.14 0.00	28.82 -0.59 0.00	31.63 -0.88 0.00	30.92 -0.03 0.00	26.52 -0.19 -0.03	25.91 -0.26 -0.05	27.37 0.00 0.00	27.62 0.00 -0.05	28.49 0.09 0.00	28.01 -0.20 -0.11	30.37 -0.49 -0.18	33.79 -0.75 -0.33	43.14 -2.19 -0.71	49.51 -2.10 -0.42	48.10 -1.69 -0.05	44.94 -0.45 0.00	41.20 -0.71 0.00	36.24 -0.37 0.00	32.60 0.67 0.00
N.E_GEN_SANDY PD 24062	26.56 1.36 0.00	23.61 1.29 0.00	22.18 1.12 0.00	20.56 1.07 0.00	20.97 1.06 0.00	24.27 1.07 0.00	30.38 0.97 0.00	34.07 1.56 0.00	32.53 1.58 0.00	27.51 1.25 0.42	26.63 1.25 0.75	28.26 1.40 0.50	28.18 1.49 0.89	29.49 1.59 0.50	28.05 1.57 1.61	30.36 1.72 2.04	32.91 1.98 3.28	40.37 2.77 7.01	49.80 2.61 4.00	51.90 2.63 0.48	47.48 2.09 0.00	44.10 1.51 -0.68	36.96 1.02 0.68	32.00 0.89 0.82
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.96 1.76 0.00	23.94 1.63 0.00	22.50 1.43 0.00	20.81 1.33 0.00	21.21 1.29 0.00	24.57 1.37 0.00	30.91 1.50 0.00	34.36 1.85 0.00	33.09 2.14 0.00	30.76 1.95 -2.14	32.11 1.93 -4.06	33.34 2.11 -3.86	35.02 2.18 -5.26	34.77 2.39 -3.98	38.79 2.36 -8.33	42.36 2.58 -9.10	50.09 2.98 -12.90	76.11 3.97 -27.52	70.88 3.99 -15.70	55.62 3.98 -1.89	48.57 3.18 0.00	44.26 2.35 0.00	38.66 2.05 0.00	33.88 1.82 -0.13
N.QUEENS_27_KV_LOAD 356247	27.48 2.27 -0.01	24.48 2.16 -0.01	22.99 1.92 -0.01	21.27 1.77 -0.01	21.68 1.75 -0.01	25.09 1.88 -0.01	31.44 2.03 0.00	35.01 2.50 0.00	33.52 2.57 0.00	33.00 2.43 -3.90	36.55 2.46 -7.98	40.20 2.60 -10.23	41.62 2.65 -11.39	41.97 2.84 -10.72	46.29 2.81 -15.38	47.03 3.04 -13.31	51.45 3.39 -13.85	78.74 4.60 -29.53	73.04 5.02 -16.83	56.65 4.88 -2.03	49.39 3.99 0.00	45.11 3.19 -0.01	39.40 2.78 -0.01	34.47 2.39 -0.14
N.TROY___115KV_TB1 355778	26.38 1.18 0.00	23.45 1.14 0.00	22.08 1.01 0.00	20.43 0.94 0.00	20.84 0.92 0.00	24.15 0.95 0.00	30.32 0.91 0.00	33.71 1.20 0.00	32.13 1.18 0.00	27.32 0.88 0.23	26.57 0.86 0.42	28.04 0.96 0.29	28.13 1.05 0.50	29.31 1.19 0.29	28.44 1.24 0.90	30.94 1.38 1.12	34.09 1.68 1.79	42.97 2.19 3.83	51.10 2.10 2.18	51.62 2.14 0.26	47.16 1.77 0.00	43.26 1.34 0.00	37.49 0.88 0.00	32.51 0.73 0.15
NARROWS_GT1_1 24228	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT1_2 24229	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT1_3 24230	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT1_4 24231	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT1_5 24232	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14

NARROWS_GT1_6 24233	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT1_7 24234	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT1_8 24235	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT2_1 24236	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT2_2 24237	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT2_3 24238	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT2_4 24239	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT2_5 24240	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT2_6 24241	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT2_7 24242	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NARROWS_GT2_8 24243	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.08 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.33 1.13 0.00	23.41 1.09 0.00	22.03 0.97 0.00	20.37 0.88 0.00	20.80 0.88 0.00	24.13 0.93 0.00	30.29 0.88 0.00	33.58 1.07 0.00	31.91 0.96 0.00	27.47 0.75 -0.04	26.89 0.71 -0.07	27.78 0.41 0.00	28.61 0.97 -0.07	29.06 0.65 0.00	29.50 1.24 -0.16	32.32 1.38 -0.26	36.37 1.68 -0.49	47.93 2.28 -1.04	54.19 2.41 -0.59	52.30 2.49 -0.07	47.39 2.00 0.00	43.47 1.55 0.00	37.67 1.06 0.00	32.85 0.96 0.04
NCHELSEA_115KV_TR2 355582	27.01 1.81 0.00	23.99 1.67 0.00	22.54 1.47 0.00	20.83 1.34 0.00	21.25 1.33 0.00	24.64 1.44 0.00	30.97 1.56 0.00	34.46 1.95 0.00	33.12 2.17 0.00	29.20 1.87 -0.66	29.04 1.88 -1.04	29.51 2.08 -0.06	30.77 2.21 -0.98	30.85 2.44 0.00	33.03 2.44 -2.49	37.33 2.70 -3.94	44.67 3.11 -7.35	64.44 4.15 -15.68	64.43 4.30 -8.95	55.05 4.23 -1.08	48.80 3.40 0.00	44.52 2.60 0.00	38.77 2.16 0.00	33.91 1.85 -0.13
NEG CAPITAL___MECHNVIL 23645	26.76 1.56 0.00	23.78 1.47 0.00	22.35 1.29 0.00	20.68 1.19 0.00	21.09 1.17 0.00	24.52 1.32 0.00	30.79 1.38 0.00	34.27 1.75 0.00	32.59 1.64 0.00	27.74 1.28 0.22	26.98 1.25 0.39	28.44 1.34 0.27	28.57 1.46 0.47	29.66 1.53 0.27	28.79 1.54 0.85	31.43 1.81 1.06	34.73 2.22 1.70	43.66 2.68 3.63	51.93 2.81 2.07	52.33 2.83 0.25	47.93 2.54 0.00	43.89 1.97 0.00	38.11 1.50 0.00	33.04 1.24 0.13
NEG CENTRAL_HIGH_ACRES 23767	24.44 -0.76 0.00	21.80 -0.51 0.00	20.66 -0.40 0.00	19.04 -0.45 0.00	19.40 -0.52 0.00	22.78 -0.42 0.00	28.55 -0.85 0.00	31.37 -1.14 0.00	30.24 -0.71 0.00	25.96 -0.72 0.00	25.36 -0.76 0.00	26.77 -0.60 0.00	27.03 -0.55 0.00	27.81 -0.60 0.00	27.42 -0.67 0.00	29.79 -0.89 0.00	33.11 -1.10 0.00	42.56 -2.05 0.00	48.99 -2.20 0.00	47.66 -2.09 0.00	44.08 -1.32 0.00	40.53 -1.38 0.00	35.47 -1.14 0.00	31.42 -0.51 0.00

NEG CENTRAL___DRP 24199	25.12 -0.08 0.00	22.36 0.04 0.00	21.19 0.13 0.00	19.53 0.04 0.00	19.98 0.06 0.00	23.39 0.19 0.00	29.56 0.15 0.00	32.51 0.00 0.00	31.17 0.22 0.00	26.78 0.11 0.00	26.17 0.05 0.00	27.56 0.19 0.00	27.74 0.17 0.00	28.58 0.17 0.00	28.18 0.08 0.00	30.71 0.03 0.00	34.28 0.07 0.00	44.17 -0.45 0.00	50.83 -0.36 0.00	49.60 -0.15 0.00	45.53 0.14 0.00	41.92 0.00 0.00	36.57 -0.04 0.00	32.18 0.26 0.00
NEG CENTRAL___INDECK 23768	25.15 -0.05 0.00	22.49 0.18 0.00	21.40 0.34 0.00	19.76 0.27 0.00	20.20 0.28 0.00	23.85 0.65 0.00	29.85 0.44 0.00	32.61 0.10 0.00	31.23 0.28 0.00	26.71 0.00 -0.04	26.08 -0.10 -0.06	27.45 0.08 0.00	27.72 0.08 -0.06	28.55 0.14 0.00	28.29 0.06 -0.14	30.97 0.06 -0.23	34.81 0.17 -0.42	43.51 -2.01 -0.90	49.81 -1.89 -0.52	48.47 -1.34 -0.06	45.21 -0.18 0.00	41.50 -0.42 0.00	36.28 -0.33 0.00	33.33 1.40 0.00
NEG CENTRAL___SENECA 23627	25.15 -0.05 0.00	22.40 0.09 0.00	21.27 0.21 0.00	19.61 0.12 0.00	20.06 0.14 0.00	23.53 0.32 0.00	29.67 0.26 0.00	32.64 0.13 0.00	31.33 0.37 0.00	26.92 0.21 -0.03	26.30 0.13 -0.05	27.70 0.33 0.00	27.90 0.28 -0.04	28.72 0.31 0.00	28.46 0.25 -0.11	31.05 0.18 -0.18	34.79 0.24 -0.34	44.94 -0.40 -0.72	51.35 -0.26 -0.41	49.80 0.00 -0.05	45.76 0.36 0.00	42.17 0.25 0.00	36.79 0.18 0.00	32.53 0.61 0.00
NEG CENTRAL___STATE_STREET 24147	25.25 0.05 0.00	22.42 0.11 0.00	21.21 0.15 0.00	19.57 0.08 0.00	20.00 0.08 0.00	23.39 0.19 0.00	29.58 0.18 0.00	32.61 0.10 0.00	31.20 0.25 0.00	26.81 0.13 0.00	26.22 0.10 0.00	27.62 0.25 0.00	27.80 0.22 0.00	28.58 0.17 0.00	28.21 0.11 0.00	30.74 0.06 0.00	34.31 0.10 0.00	44.44 -0.18 0.00	51.09 -0.10 0.00	49.80 0.05 0.00	45.62 0.23 0.00	41.96 0.04 0.00	36.57 -0.04 0.00	32.06 0.13 0.00
NEG MILLWOOD___DRP 24198	27.14 1.94 0.00	24.08 1.76 0.00	22.60 1.54 0.00	20.91 1.42 0.00	21.33 1.41 0.00	24.73 1.53 0.00	31.14 1.74 0.00	34.62 2.11 0.00	33.28 2.32 0.00	29.55 1.97 -0.90	29.55 2.01 -1.41	29.70 2.24 -0.08	31.31 2.40 -1.34	31.07 2.67 0.00	34.17 2.70 -3.38	39.11 3.07 -5.36	47.80 3.59 -9.99	70.67 4.73 -21.33	68.38 5.02 -12.17	56.03 4.83 -1.46	49.16 3.77 0.00	44.81 2.89 0.00	38.95 2.34 0.00	34.08 2.01 -0.14
NEG NORTH_FLCN_SEA 23793	24.17 -1.03 0.00	21.29 -1.03 0.00	20.31 -0.76 0.00	18.83 -0.66 0.00	19.38 -0.54 0.00	22.64 -0.56 0.00	28.97 -0.44 0.00	32.06 -0.46 0.00	30.24 -0.71 0.00	26.09 -0.59 0.00	25.47 -0.65 0.00	26.58 -0.79 0.00	26.80 -0.77 0.00	27.50 -0.91 0.00	27.28 -0.81 0.00	29.85 -0.83 0.00	33.29 -0.92 0.00	43.10 -1.52 0.00	49.86 -1.33 0.00	48.45 -1.29 0.00	44.49 -0.91 0.00	41.83 -0.08 0.00	36.76 0.15 0.00	32.34 0.42 0.00
NEG NORTH_KES_CHATEGAY 23792	24.07 -1.13 0.00	21.20 -1.12 0.00	20.18 -0.88 0.00	18.71 -0.78 0.00	19.24 -0.68 0.00	22.48 -0.72 0.00	28.76 -0.65 0.00	31.80 -0.72 0.00	29.99 -0.96 0.00	25.88 -0.80 0.00	25.28 -0.84 0.00	26.36 -1.01 0.00	26.56 -1.02 0.00	27.27 -1.14 0.00	27.06 -1.04 0.00	29.61 -1.07 0.00	33.05 -1.16 0.00	43.19 -1.43 0.00	50.11 -1.07 0.00	48.70 -1.04 0.00	44.67 -0.73 0.00	41.75 -0.17 0.00	36.68 0.07 0.00	32.02 0.10 0.00
NEG NORTH___ALICE_FALLS 23915	24.32 -0.88 0.00	21.40 -0.91 0.00	20.43 -0.63 0.00	18.92 -0.57 0.00	19.50 -0.42 0.00	22.78 -0.42 0.00	29.11 -0.29 0.00	32.25 -0.26 0.00	30.40 -0.56 0.00	26.22 -0.45 0.00	25.57 -0.55 0.00	26.71 -0.66 0.00	27.00 -0.58 0.00	27.67 -0.74 0.00	27.45 -0.65 0.00	30.10 -0.58 0.00	33.60 -0.62 0.00	43.77 -0.85 0.00	50.83 -0.36 0.00	49.20 -0.55 0.00	45.30 -0.09 0.00	42.38 0.46 0.00	37.27 0.66 0.00	32.60 0.67 0.00
NEG NORTH___LWR_SARANAC 23913	24.32 -0.88 0.00	21.40 -0.91 0.00	20.43 -0.63 0.00	18.92 -0.57 0.00	19.50 -0.42 0.00	22.78 -0.42 0.00	29.11 -0.29 0.00	32.25 -0.26 0.00	30.40 -0.56 0.00	26.22 -0.45 0.00	25.57 -0.55 0.00	26.71 -0.66 0.00	27.00 -0.58 0.00	27.67 -0.74 0.00	27.45 -0.65 0.00	30.10 -0.58 0.00	33.60 -0.62 0.00	43.77 -0.85 0.00	50.83 -0.36 0.00	49.20 -0.55 0.00	45.30 -0.09 0.00	42.38 0.46 0.00	37.27 0.66 0.00	32.60 0.67 0.00
NEG NORTH___PLATTSBURG 23628	24.32 -0.88 0.00	21.40 -0.92 0.00	20.43 -0.63 0.00	18.92 -0.57 0.00	19.50 -0.42 0.00	22.78 -0.42 0.00	29.11 -0.29 0.00	32.25 -0.26 0.00	30.43 -0.53 0.00	26.22 -0.45 0.00	25.57 -0.55 0.00	26.71 -0.66 0.00	26.97 -0.61 0.00	27.70 -0.71 0.00	27.42 -0.67 0.00	30.10 -0.58 0.00	33.60 -0.61 0.00	43.77 -0.85 0.00	50.83 -0.36 0.00	49.20 -0.55 0.00	45.30 -0.09 0.00	42.38 0.46 0.00	37.27 0.66 0.00	32.60 0.67 0.00
NEG WEST_LEA_LOCKPORT 23791	24.27 -0.93 0.00	21.89 -0.42 0.00	20.92 -0.15 0.00	19.16 -0.33 0.00	19.54 -0.38 0.00	23.04 -0.16 0.00	28.38 -1.03 0.00	31.02 -1.50 0.00	30.24 -0.71 0.00	25.96 -0.75 -0.03	25.41 -0.76 -0.05	26.80 -0.57 0.00	27.02 -0.61 -0.05	27.92 -0.48 0.00	27.40 -0.81 -0.12	29.71 -1.17 -0.19	33.13 -1.44 -0.35	42.15 -3.21 -0.75	48.24 -3.38 -0.43	46.91 -2.89 -0.05	43.71 -1.68 0.00	40.11 -1.80 0.00	35.37 -1.24 0.00	31.96 0.03 0.00
NEG WEST___LANCASTR 23811	24.54 -0.66 0.00	22.11 -0.20 0.00	21.13 0.06 0.00	19.37 -0.12 0.00	19.78 -0.14 0.00	23.32 0.12 0.00	28.94 -0.47 0.00	31.76 -0.75 0.00	30.92 -0.03 0.00	26.63 -0.08 -0.04	26.07 -0.10 -0.06	27.48 0.11 0.00	27.72 0.08 -0.06	28.66 0.26 0.00	28.27 0.03 -0.14	30.72 -0.18 -0.22	34.29 -0.34 -0.42	43.68 -1.83 -0.89	49.86 -1.84 -0.51	48.32 -1.49 -0.06	44.67 -0.73 0.00	40.99 -0.92 0.00	35.99 -0.62 0.00	32.34 0.42 0.00
NEG_PENN_ALLEGHNY 23528	25.43 0.23 0.00	22.62 0.31 0.00	21.40 0.34 0.00	19.76 0.27 0.00	20.18 0.26 0.00	23.60 0.39 0.00	29.73 0.32 0.00	32.80 0.29 0.00	31.39 0.43 0.00	27.07 0.32 -0.07	26.53 0.29 -0.12	27.79 0.41 -0.01	28.10 0.41 -0.11	28.86 0.45 0.00	28.86 0.48 -0.28	31.56 0.43 -0.45	35.60 0.55 -0.84	46.77 0.36 -1.80	52.62 0.41 -1.02	50.47 0.60 -0.12	46.03 0.64 0.00	42.29 0.38 0.00	36.87 0.26 0.00	32.47 0.54 0.00
NEG___GEN_MONROE 24207	24.97 -0.23 0.00	22.38 0.07 0.00	21.25 0.19 0.00	19.51 0.02 0.00	19.88 -0.04 0.00	23.36 0.16 0.00	29.11 -0.29 0.00	31.96 -0.55 0.00	30.92 -0.03 0.00	26.54 -0.13 0.00	25.94 -0.18 0.00	27.40 0.03 0.00	27.60 0.03 0.00	28.43 0.03 0.00	27.93 -0.17 0.00	30.31 -0.37 0.00	33.60 -0.62 0.00	43.01 -1.61 0.00	49.65 -1.54 0.00	48.40 -1.34 0.00	45.03 -0.36 0.00	41.37 -0.54 0.00	36.28 -0.33 0.00	32.41 0.48 0.00
NEPA___ENERGY 23901	24.67 -0.53 0.00	22.25 -0.07 0.00	21.27 0.21 0.00	19.55 0.06 0.00	19.98 0.06 0.00	23.55 0.35 0.00	28.64 -0.76 0.00	31.34 -1.17 0.00	30.33 -0.62 0.00	26.16 -0.56 -0.05	25.62 -0.57 -0.07	26.94 -0.44 0.00	27.18 -0.47 -0.07	28.04 -0.37 0.00	27.74 -0.53 -0.18	30.23 -0.74 -0.28	33.88 -0.86 -0.52	43.63 -2.10 -1.12	49.45 -2.25 -0.52	47.87 -1.94 -0.06	44.12 -1.27 0.00	40.49 -1.43 0.00	35.51 -1.10 0.00	31.83 -0.10 0.00

NEVERSINK___HYD 23608	26.91 1.71 0.00	23.90 1.58 0.00	22.43 1.37 0.00	20.76 1.27 0.00	21.20 1.28 0.00	24.57 1.37 0.00	30.94 1.53 0.00	34.50 1.98 0.00	33.12 2.17 0.00	29.32 1.87 -0.78	29.29 1.85 -1.31	29.96 2.03 -0.56	31.16 2.15 -1.43	31.24 2.30 -0.53	33.38 2.33 -2.96	37.37 2.55 -4.14	44.29 2.91 -7.17	63.80 3.88 -15.31	64.07 4.14 -8.73	54.92 4.13 -1.05	48.84 3.45 0.00	44.60 2.69 0.00	38.81 2.20 0.00	33.94 1.92 -0.10
NEWKRMKL_115KV_TB1 55635	25.91 0.71 0.00	23.03 0.71 0.00	21.68 0.61 0.00	20.05 0.57 0.00	20.46 0.54 0.00	23.71 0.51 0.00	29.76 0.35 0.00	33.10 0.59 0.00	31.54 0.59 0.00	26.88 0.43 0.22	26.16 0.44 0.40	27.61 0.52 0.28	27.73 0.63 0.48	28.83 0.71 0.28	28.08 0.84 0.86	30.47 0.86 1.07	33.53 1.03 1.70	42.32 1.34 3.64	50.24 1.13 2.08	50.59 1.09 0.25	46.26 0.86 0.00	42.38 0.46 0.00	36.83 0.22 0.00	31.95 0.13 0.11
NEWTON___FALLS_HYD 23847	24.87 -0.33 0.00	22.00 -0.31 0.00	20.79 -0.27 0.00	19.22 -0.27 0.00	19.74 -0.18 0.00	23.06 -0.14 0.00	29.26 -0.15 0.00	32.32 -0.20 0.00	30.40 -0.56 0.00	26.01 -0.67 0.00	25.41 -0.71 0.00	26.66 -0.71 0.00	26.78 -0.80 0.00	27.55 -0.85 0.00	27.42 -0.67 0.00	30.04 -0.64 0.00	33.53 -0.68 0.00	43.63 -0.98 0.00	50.42 -0.77 0.00	49.15 -0.60 0.00	45.08 -0.32 0.00	41.92 0.00 0.00	36.65 0.04 0.00	32.06 0.13 0.00
NGRID_A1_DSASP 323792	24.02 -1.18 0.00	21.60 -0.71 0.00	20.58 -0.48 0.00	18.92 -0.57 0.00	19.24 -0.68 0.00	22.74 -0.46 0.00	27.92 -1.47 0.02	30.54 -1.95 0.02	29.66 -1.27 0.02	25.46 -1.23 -0.01	24.92 -1.23 -0.03	26.31 -1.04 0.02	26.55 -1.05 -0.03	27.42 -0.97 0.02	26.93 -1.26 -0.10	29.19 -1.66 -0.17	32.59 -1.95 -0.33	41.37 -3.97 -0.72	47.40 -4.20 -0.41	45.72 -4.08 -0.05	42.54 -2.86 0.00	39.11 -2.81 0.00	34.56 -2.05 0.00	31.23 -0.70 0.00
NGRID_A2_DSASP 323793	24.02 -1.18 0.00	21.60 -0.71 0.00	20.58 -0.48 0.00	18.92 -0.57 0.00	19.24 -0.68 0.00	22.74 -0.46 0.00	27.92 -1.47 0.02	30.54 -1.95 0.02	29.66 -1.27 0.02	25.46 -1.23 -0.01	24.92 -1.23 -0.03	26.31 -1.04 0.02	26.55 -1.05 -0.03	27.42 -0.97 0.02	26.93 -1.26 -0.10	29.19 -1.66 -0.17	32.59 -1.95 -0.33	41.37 -3.97 -0.72	47.40 -4.20 -0.41	45.72 -4.08 -0.05	42.54 -2.86 0.00	39.11 -2.81 0.00	34.56 -2.05 0.00	31.23 -0.70 0.00
NGRID_A4_DSASP 323807	24.02 -1.18 0.00	21.60 -0.71 0.00	20.58 -0.48 0.00	18.92 -0.57 0.00	19.24 -0.68 0.00	22.74 -0.46 0.00	27.92 -1.47 0.02	30.54 -1.95 0.02	29.66 -1.27 0.02	25.46 -1.23 -0.01	24.92 -1.23 -0.03	26.31 -1.04 0.02	26.55 -1.05 -0.03	27.42 -0.97 0.02	26.93 -1.26 -0.10	29.19 -1.66 -0.17	32.59 -1.95 -0.33	41.37 -3.97 -0.72	47.40 -4.20 -0.41	45.72 -4.08 -0.05	42.54 -2.86 0.00	39.11 -2.81 0.00	34.56 -2.05 0.00	31.23 -0.70 0.00
NIAGARA_115E_LBMP 323715	24.02 -1.18 0.00	21.60 -0.71 0.00	20.60 -0.46 0.00	18.94 -0.55 0.00	19.26 -0.66 0.00	22.74 -0.46 0.00	27.94 -1.47 -0.01	30.57 -1.95 -0.01	29.69 -1.27 -0.01	25.49 -1.23 -0.04	24.92 -1.25 -0.06	26.31 -1.07 -0.01	26.58 -1.05 -0.05	27.44 -0.97 -0.01	26.96 -1.26 -0.13	29.22 -1.66 -0.20	32.63 -1.95 -0.36	41.41 -3.97 -0.77	47.39 -4.25 -0.45	46.22 -3.58 -0.05	42.99 -2.41 0.00	39.53 -2.39 0.00	34.89 -1.72 0.00	31.55 -0.38 0.00
NIAGARA_115W_LBMP 323714	23.89 -1.31 0.00	21.49 -0.83 0.00	20.50 -0.57 0.00	18.85 -0.64 0.00	19.16 -0.76 0.00	22.62 -0.58 0.00	27.80 -1.59 0.02	30.41 -2.08 0.02	29.51 -1.42 0.02	25.33 -1.36 -0.01	24.79 -1.36 -0.03	26.18 -1.18 0.02	26.42 -1.18 -0.03	27.28 -1.11 0.02	26.79 -1.40 -0.10	29.04 -1.81 -0.17	32.42 -2.12 -0.33	41.19 -4.15 -0.72	47.14 -4.45 -0.41	45.57 -4.23 -0.05	42.40 -3.00 0.00	38.98 -2.94 0.00	34.45 -2.16 0.00	31.16 -0.77 0.00
NIAGARA_230_LBMP 323716	24.22 -0.98 0.00	21.78 -0.54 0.00	20.75 -0.32 0.00	19.08 -0.41 0.00	19.40 -0.52 0.00	22.90 -0.30 0.00	28.23 -1.18 0.00	30.89 -1.62 0.00	29.96 -0.99 0.00	25.72 -0.99 -0.03	25.18 -0.99 -0.05	26.58 -0.79 0.00	26.82 -0.80 -0.05	27.70 -0.71 0.00	27.20 -1.01 -0.12	29.49 -1.38 -0.19	32.92 -1.64 -0.35	41.92 -3.43 -0.74	47.93 -3.69 -0.43	46.37 -3.43 -0.05	43.13 -2.27 0.00	39.61 -2.31 0.00	35.00 -1.61 0.00	31.58 -0.35 0.00
NIAGARA___115KV_198_GIBSON 55903	23.89 -1.31 0.00	21.55 -0.76 0.00	20.60 -0.46 0.00	18.85 -0.64 0.00	19.20 -0.72 0.00	22.62 -0.58 0.00	27.80 -1.59 0.02	30.38 -2.11 0.02	29.63 -1.30 0.02	25.43 -1.25 -0.01	24.89 -1.25 -0.03	26.28 -1.07 0.02	26.47 -1.13 -0.03	27.33 -1.05 0.02	26.82 -1.38 -0.10	29.07 -1.78 -0.17	32.35 -2.19 -0.33	41.19 -4.15 -0.72	47.14 -4.45 -0.41	45.57 -4.23 -0.05	42.44 -2.95 0.00	38.98 -2.93 0.00	34.45 -2.16 0.00	31.16 -0.77 0.00
NIAGARA____ 23760	24.22 -0.98 0.00	21.78 -0.54 0.00	20.75 -0.32 0.00	19.08 -0.41 0.00	19.40 -0.52 0.00	22.90 -0.30 0.00	28.22 -1.18 0.01	30.88 -1.62 0.01	29.96 -0.99 0.01	25.71 -0.99 -0.03	25.17 -0.99 -0.04	26.57 -0.79 0.00	26.82 -0.80 -0.04	27.69 -0.71 0.01	27.20 -1.01 -0.11	29.49 -1.38 -0.18	32.92 -1.64 -0.35	41.92 -3.43 -0.74	47.93 -3.69 -0.43	46.37 -3.43 -0.05	43.13 -2.27 0.00	39.61 -2.31 0.00	35.00 -1.61 0.00	31.58 -0.35 0.00
NINE_MILE_1 23575	24.62 -0.58 0.00	21.87 -0.45 0.00	20.64 -0.42 0.00	19.08 -0.41 0.00	19.50 -0.42 0.00	22.74 -0.46 0.00	28.73 -0.68 0.00	31.54 -0.97 0.00	30.12 -0.83 0.00	25.93 -0.75 0.00	25.39 -0.73 0.00	26.66 -0.71 0.00	26.86 -0.72 0.00	27.64 -0.77 0.00	27.31 -0.79 0.00	29.76 -0.92 0.00	33.22 -0.99 0.00	43.14 -1.47 0.00	49.50 -1.69 0.00	48.15 -1.59 0.00	44.03 -1.36 0.00	40.57 -1.34 0.00	35.40 -1.21 0.00	31.00 -0.93 0.00
NINE_MILE_2 23744	24.62 -0.58 0.00	21.87 -0.45 0.00	20.64 -0.42 0.00	19.08 -0.41 0.00	19.50 -0.42 0.00	22.74 -0.46 0.00	28.73 -0.68 0.00	31.54 -0.97 0.00	30.12 -0.83 0.00	25.93 -0.75 0.00	25.39 -0.73 0.00	26.66 -0.71 0.00	26.86 -0.72 0.00	27.64 -0.77 0.00	27.31 -0.79 0.00	29.76 -0.92 0.00	33.22 -0.99 0.00	43.14 -1.47 0.00	49.50 -1.69 0.00	48.15 -1.59 0.00	44.03 -1.36 0.00	40.57 -1.34 0.00	35.40 -1.21 0.00	31.00 -0.93 0.00
NM_CAPITAL___DRP 24208	25.98 0.78 0.00	23.09 0.78 0.00	21.74 0.67 0.00	20.11 0.62 0.00	20.54 0.62 0.00	23.78 0.58 0.00	29.85 0.44 0.00	33.19 0.68 0.00	31.63 0.68 0.00	26.95 0.51 0.23	26.23 0.52 0.41	27.68 0.60 0.29	27.80 0.72 0.49	28.91 0.80 0.29	28.11 0.90 0.88	30.53 0.95 1.10	33.59 1.13 1.75	42.35 1.47 3.74	50.28 1.23 2.13	50.73 1.24 0.26	46.39 1.00 0.00	42.50 0.59 0.00	36.90 0.29 0.00	32.03 0.22 0.12
NM_CENTRAL___DRP 24181	25.23 0.03 0.00	22.40 0.09 0.00	21.17 0.11 0.00	19.53 0.04 0.00	19.96 0.04 0.00	23.29 0.09 0.00	29.47 0.06 0.00	32.51 0.00 0.00	31.08 0.12 0.00	26.73 0.05 0.00	26.17 0.05 0.00	27.53 0.16 0.00	27.71 0.14 0.00	28.49 0.09 0.00	28.12 0.03 0.00	30.68 0.00 0.00	34.21 0.00 0.00	44.35 -0.27 0.00	50.88 -0.31 0.00	49.55 -0.20 0.00	45.35 -0.05 0.00	41.67 -0.25 0.00	36.32 -0.29 0.00	31.80 -0.13 0.00

NM_FRONTIER___DRP 24179	23.89 -1.31 0.00	21.55 -0.76 0.00	20.60 -0.46 0.00	18.85 -0.64 0.00	19.20 -0.72 0.00	22.62 -0.58 0.00	27.80 -1.59 0.02	30.38 -2.11 0.02	29.63 -1.30 0.02	25.43 -1.25 -0.01	24.89 -1.25 -0.03	26.28 -1.07 0.02	26.47 -1.13 -0.03	27.33 -1.05 0.02	26.82 -1.38 -0.10	29.07 -1.78 -0.17	32.35 -2.19 -0.33	41.19 -4.15 -0.72	47.14 -4.45 -0.41	45.57 -4.23 -0.05	42.44 -2.95 0.00	38.98 -2.93 0.00	34.45 -2.16 0.00	31.16 -0.77 0.00
NM_ST_REGIS___HYD 24053	24.32 -0.88 0.00	21.42 -0.89 0.00	20.43 -0.63 0.00	18.94 -0.55 0.00	19.50 -0.42 0.00	22.78 -0.42 0.00	29.11 -0.29 0.00	32.28 -0.23 0.00	30.43 -0.53 0.00	26.25 -0.43 0.00	25.62 -0.50 0.00	26.74 -0.63 0.00	27.03 -0.55 0.00	27.75 -0.65 0.00	27.53 -0.56 0.00	30.16 -0.52 0.00	33.66 -0.55 0.00	43.95 -0.67 0.00	51.04 -0.15 0.00	49.40 -0.35 0.00	45.48 0.09 0.00	42.46 0.54 0.00	37.31 0.70 0.00	32.53 0.61 0.00
NORTHPORT___1 23551	31.35 2.24 -3.91	24.70 2.19 -0.20	22.99 1.92 -0.01	21.37 1.87 -0.01	21.78 1.85 -0.01	25.16 1.95 -0.01	31.48 2.06 -0.01	37.47 2.93 -2.04	34.00 3.04 -0.01	35.36 2.48 -6.21	38.14 2.56 -9.46	39.05 2.41 -9.27	40.47 2.37 -10.52	43.60 2.39 -12.81	47.11 1.85 -17.16	41.07 2.09 -8.30	41.07 2.36 -4.50	51.55 3.12 -3.81	63.21 3.07 -8.95	58.61 3.33 -5.53	49.50 2.77 -1.33	43.02 1.93 0.83	40.20 2.12 -1.47	38.32 2.40 -4.00
NORTHPORT___2 23552	31.35 2.24 -3.91	24.70 2.19 -0.20	22.99 1.92 -0.01	21.37 1.87 -0.01	21.78 1.85 -0.01	25.16 1.95 -0.01	31.48 2.06 -0.01	37.47 2.93 -2.04	34.00 3.04 -0.01	35.36 2.48 -6.21	38.14 2.56 -9.46	39.05 2.41 -9.27	40.47 2.37 -10.52	43.60 2.39 -12.81	47.11 1.85 -17.16	41.07 2.09 -8.30	41.07 2.36 -4.50	51.55 3.12 -3.81	63.21 3.07 -8.95	58.61 3.33 -5.53	49.50 2.77 -1.33	43.02 1.93 0.83	40.20 2.12 -1.47	38.32 2.40 -4.00
NORTHPORT___3 23553	31.19 2.04 -3.95	24.43 1.92 -0.20	22.76 1.69 -0.01	21.12 1.62 -0.01	21.52 1.59 -0.01	24.90 1.69 -0.01	31.24 1.82 -0.01	37.10 2.54 -2.05	33.65 2.69 -0.01	35.27 2.32 -6.27	38.02 2.32 -9.58	39.08 2.27 -9.44	40.43 2.18 -10.68	43.38 1.96 -13.01	47.42 1.97 -17.35	42.92 1.90 -10.34	42.22 2.16 -5.85	52.73 2.94 -5.17	64.57 2.81 -10.56	58.15 2.88 -5.52	49.12 2.31 -1.41	43.51 1.72 0.12	39.79 1.72 -1.46	37.85 1.92 -4.01
NORTHPORT___4 23650	31.19 2.04 -3.95	24.43 1.92 -0.20	22.76 1.69 -0.01	21.12 1.62 -0.01	21.52 1.59 -0.01	24.90 1.69 -0.01	31.24 1.82 -0.01	37.10 2.54 -2.05	33.65 2.69 -0.01	35.27 2.32 -6.27	38.02 2.32 -9.58	39.08 2.27 -9.44	40.43 2.18 -10.68	43.38 1.96 -13.01	47.42 1.97 -17.35	42.92 1.90 -10.34	42.22 2.16 -5.85	52.73 2.94 -5.17	64.57 2.81 -10.56	58.15 2.88 -5.52	49.12 2.31 -1.41	43.51 1.72 0.12	39.79 1.72 -1.46	37.85 1.92 -4.01
NORTHPORT___IC 23718	31.35 2.24 -3.91	24.68 2.16 -0.20	23.01 1.94 -0.01	21.37 1.87 -0.01	21.72 1.79 -0.01	25.14 1.93 -0.01	31.48 2.06 -0.01	37.31 2.76 -2.04	33.81 2.85 -0.01	35.26 2.37 -6.21	38.01 2.43 -9.46	38.94 2.30 -9.27	40.30 2.21 -10.52	43.46 2.24 -12.81	47.34 2.08 -17.16	41.01 2.03 -8.30	41.07 2.36 -4.50	51.55 3.12 -3.81	63.16 3.02 -8.95	58.47 3.18 -5.54	49.27 2.54 -1.33	43.10 2.01 0.83	40.02 1.94 -1.47	38.13 2.20 -4.00
NORTH___COUNTRY_ESR 323785	24.02 -1.18 0.00	21.15 -1.16 0.00	20.14 -0.93 0.00	18.67 -0.82 0.00	19.20 -0.72 0.00	22.44 -0.77 0.00	28.70 -0.71 0.00	31.73 -0.78 0.00	29.96 -0.99 0.00	25.88 -0.80 0.00	25.26 -0.86 0.00	26.36 -1.01 0.00	26.53 -1.05 0.00	27.27 -1.14 0.00	27.00 -1.10 0.00	29.58 -1.10 0.00	32.98 -1.23 0.00	43.10 -1.52 0.00	49.96 -1.23 0.00	48.55 -1.19 0.00	44.58 -0.82 0.00	41.67 -0.25 0.00	36.61 0.00 0.00	31.96 0.03 0.00
NPX_GEN_1385_PROXY 323591	31.20 2.09 -3.91	24.70 2.19 -0.20	22.99 1.92 -0.01	21.37 1.87 -0.01	21.78 1.85 -0.01	25.16 1.95 -0.01	31.27 1.85 -0.01	37.47 2.93 -2.04	34.00 3.04 -0.01	33.16 2.00 -4.48	32.10 2.09 -3.89	32.44 1.92 -3.16	33.92 1.85 -4.50	35.07 1.87 -4.79	35.00 1.32 -5.58	36.70 1.53 -4.48	40.49 1.78 -4.50	51.01 2.59 -3.81	62.60 2.46 -8.95	58.46 3.19 -5.53	49.63 2.91 -1.33	43.70 1.93 0.15	38.27 1.47 -0.19	35.40 1.79 -1.69
NPX_GEN_CSC 323557	31.23 2.07 -3.96	24.59 2.08 -0.20	22.84 1.77 -0.01	21.45 1.95 -0.01	21.86 1.93 -0.01	24.95 1.74 -0.01	31.18 1.76 -0.01	37.60 3.02 -2.06	33.78 2.82 -0.01	35.33 2.35 -6.31	38.24 2.48 -9.64	39.23 2.33 -9.53	40.71 2.37 -10.76	44.03 2.50 -13.12	47.92 2.25 -17.58	57.32 2.46 -24.18	92.74 2.81 -55.73	118.68 3.75 -70.32	134.55 3.79 -79.58	59.88 3.98 -6.15	53.72 3.41 -4.92	49.53 2.51 -5.10	40.12 2.45 -1.06	38.71 2.46 -4.32
NSINS_S_GLNS_FALLS 23858	27.09 1.89 0.00	24.08 1.76 0.00	22.64 1.58 0.00	20.91 1.42 0.00	21.35 1.43 0.00	24.85 1.65 0.00	31.20 1.79 0.00	34.59 2.08 0.00	32.87 1.92 0.00	27.93 1.47 0.21	27.15 1.41 0.38	28.50 1.40 0.26	28.64 1.52 0.46	29.79 1.65 0.26	28.96 1.69 0.82	31.65 1.99 1.03	35.24 2.67 1.64	43.65 2.54 3.50	52.01 2.82 2.00	52.29 2.79 0.24	47.98 2.59 0.00	43.93 2.01 0.00	38.18 1.57 0.00	33.06 1.25 0.11
NUCOR_STEEL___DRP 24197	25.28 0.08 0.00	22.45 0.13 0.00	21.23 0.17 0.00	19.59 0.10 0.00	20.00 0.08 0.00	23.36 0.16 0.00	29.53 0.12 0.00	32.54 0.03 0.00	31.11 0.15 0.00	26.76 0.08 0.00	26.15 0.03 0.00	27.51 0.14 0.00	27.71 0.14 0.00	28.46 0.06 0.00	28.10 0.00 0.00	30.62 -0.06 0.00	34.18 -0.03 0.00	44.30 -0.31 0.00	50.93 -0.26 0.00	49.65 -0.10 0.00	45.48 0.09 0.00	41.83 -0.08 0.00	36.50 -0.11 0.00	31.99 0.06 0.00
NUMBER_THREE_WT_PWR 323818	25.23 0.03 0.00	22.36 0.04 0.00	21.09 0.02 0.00	19.49 0.00 0.00	20.00 0.08 0.00	23.39 0.18 0.00	29.62 0.21 0.00	32.67 0.16 0.00	30.83 -0.12 0.00	26.30 -0.37 0.00	25.70 -0.42 0.00	26.99 -0.38 0.00	27.08 -0.50 0.00	27.92 -0.48 0.00	27.70 -0.39 0.00	30.44 -0.25 0.00	34.01 -0.20 0.00	44.39 -0.22 0.00	51.29 0.10 0.00	50.14 0.40 0.00	45.94 0.55 0.00	42.59 0.67 0.00	36.94 0.33 0.00	32.25 0.32 0.00
NYISO_LBMP_REFERENCE 24008	25.20 0.00 0.00	22.31 0.00 0.00	21.06 0.00 0.00	19.49 0.00 0.00	19.92 0.00 0.00	23.20 0.00 0.00	29.41 0.00 0.00	32.51 0.00 0.00	30.95 0.00 0.00	26.68 0.00 0.00	26.12 0.00 0.00	27.37 0.00 0.00	27.58 0.00 0.00	28.40 0.00 0.00	28.10 0.00 0.00	30.68 0.00 0.00	34.21 0.00 0.00	44.61 0.00 0.00	51.19 0.00 0.00	49.75 0.00 0.00	45.39 0.00 0.00	41.92 0.00 0.00	36.61 0.00 0.00	31.93 0.00 0.00
NYPA_BRENTWD____GT 24164	31.80 2.57 -4.03	24.97 2.45 -0.21	23.22 2.15 -0.01	21.58 2.09 -0.01	22.00 2.07 -0.01	25.39 2.18 -0.01	31.83 2.41 -0.01	37.93 3.32 -2.10	34.34 3.37 -0.01	35.97 2.86 -6.44	38.93 2.95 -9.86	40.09 2.87 -9.85	41.53 2.89 -11.06	44.87 2.95 -13.51	48.80 2.61 -18.09	117.88 2.88 -84.32	64.66 3.15 -27.30	90.63 3.88 -42.14	85.64 3.94 -30.51	61.09 4.43 -6.92	52.25 3.90 -2.95	72.14 2.98 -27.24	41.61 2.93 -2.07	39.55 2.91 -4.72

NYPA_GOWANUS____GT5 24156	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.80 5.02 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NYPA_GOWANUS____GT6 24157	27.55 2.34 -0.01	24.42 2.10 -0.01	22.88 1.81 -0.01	21.19 1.69 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.24 2.73 0.00	33.83 2.88 0.00	33.32 2.54 -4.11	37.11 2.53 -8.46	41.13 2.71 -11.05	42.56 2.81 -12.17	42.92 2.93 -11.59	47.27 2.92 -16.25	47.63 3.16 -13.79	51.65 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.80 5.02 -2.03	49.52 4.13 0.00	45.10 3.18 0.00	39.58 2.96 -0.01	34.69 2.62 -0.14
NYPA_HARLEM__RVR__GT1 24160	27.43 2.22 -0.01	24.46 2.14 -0.01	22.90 1.83 -0.01	21.23 1.73 -0.01	21.64 1.71 -0.01	25.02 1.81 -0.01	31.38 1.97 0.00	35.14 2.63 0.00	33.61 2.66 0.01	33.88 2.45 -4.75	34.61 2.45 -6.03	36.94 2.60 -6.97	41.64 2.67 -11.39	41.91 2.79 -10.72	46.23 2.75 -15.38	46.91 2.92 -13.31	51.27 3.21 -13.84	78.51 4.37 -29.52	72.83 4.81 -16.83	56.50 4.73 -2.03	49.25 3.86 0.00	44.98 3.06 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
NYPA_HARLEM__RVR__GT2 24161	27.43 2.22 -0.01	24.46 2.14 -0.01	22.90 1.83 -0.01	21.23 1.73 -0.01	21.64 1.71 -0.01	25.02 1.81 -0.01	31.38 1.97 0.00	35.14 2.63 0.00	33.61 2.66 0.01	33.88 2.45 -4.75	34.61 2.45 -6.03	36.94 2.60 -6.97	41.64 2.67 -11.39	41.91 2.79 -10.72	46.23 2.75 -15.38	46.91 2.92 -13.31	51.27 3.21 -13.84	78.51 4.37 -29.52	72.83 4.81 -16.83	56.50 4.73 -2.03	49.25 3.86 0.00	44.98 3.06 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
NYPA_KENT____GT 24152	27.48 2.27 -0.01	24.40 2.08 -0.01	22.86 1.79 -0.01	21.17 1.68 -0.01	21.58 1.65 -0.01	24.96 1.76 0.00	31.41 2.00 0.00	35.21 2.70 0.00	33.80 2.85 0.00	33.29 2.51 -4.11	37.11 2.53 -8.46	41.10 2.68 -11.05	42.53 2.78 -12.17	42.89 2.90 -11.59	47.24 2.89 -16.25	47.57 3.10 -13.79	51.59 3.52 -13.85	78.83 4.68 -29.53	73.04 5.02 -16.83	56.70 4.93 -2.03	49.39 4.00 0.00	45.02 3.10 0.00	39.48 2.86 -0.01	34.59 2.52 -0.14
NYPA_POUCH1____GT 24155	27.50 2.29 -0.01	24.40 2.08 -0.01	22.84 1.77 -0.01	21.15 1.66 -0.01	21.58 1.65 -0.01	24.94 1.74 0.00	31.35 1.94 0.00	35.14 2.63 0.00	33.71 2.75 0.00	33.01 2.37 -3.96	36.63 2.40 -8.11	40.15 2.55 -10.23	41.65 2.67 -11.39	41.91 2.79 -10.72	44.17 2.78 -13.29	45.45 3.01 -11.76	49.12 3.42 -11.49	78.78 4.64 -29.53	72.98 4.96 -16.83	56.65 4.88 -2.03	48.66 3.95 0.69	44.94 3.02 0.00	39.48 2.86 -0.01	34.63 2.56 -0.14
NYPA_VERNON____GT2 24162	27.43 2.22 -0.01	24.37 2.05 -0.01	22.84 1.77 -0.01	21.15 1.66 -0.01	21.56 1.63 -0.01	24.94 1.74 0.00	31.38 1.97 0.00	35.18 2.67 0.00	33.77 2.82 0.00	33.29 2.51 -4.11	37.09 2.51 -8.46	41.10 2.68 -11.05	42.50 2.76 -12.17	42.86 2.87 -11.59	47.18 2.84 -16.25	47.51 3.04 -13.79	51.48 3.42 -13.85	78.70 4.55 -29.53	72.83 4.81 -16.83	56.50 4.73 -2.03	49.25 3.86 0.00	44.94 3.02 0.00	39.40 2.78 -0.01	34.50 2.43 -0.14
NYPA_VERNON____GT3 24163	27.43 2.22 -0.01	24.37 2.05 -0.01	22.84 1.77 -0.01	21.15 1.66 -0.01	21.56 1.63 -0.01	24.94 1.74 0.00	31.38 1.97 0.00	35.18 2.67 0.00	33.77 2.82 0.00	33.29 2.51 -4.11	37.09 2.51 -8.46	41.10 2.68 -11.05	42.50 2.76 -12.17	42.86 2.87 -11.59	47.18 2.84 -16.25	47.51 3.04 -13.79	51.48 3.42 -13.85	78.70 4.55 -29.53	72.83 4.81 -16.83	56.50 4.73 -2.03	49.25 3.86 0.00	44.94 3.02 0.00	39.40 2.78 -0.01	34.50 2.43 -0.14
NYPA____ASTORIA_CC1 323568	27.40 2.19 -0.01	24.35 2.03 -0.01	22.84 1.77 -0.01	21.15 1.66 -0.01	21.56 1.63 -0.01	24.94 1.74 0.00	31.35 1.94 0.00	35.14 2.63 0.00	33.71 2.75 0.00	33.23 2.45 -4.11	37.03 2.45 -8.46	41.02 2.60 -11.05	42.42 2.67 -12.17	42.78 2.79 -11.59	47.10 2.75 -16.25	47.42 2.95 -13.79	51.38 3.32 -13.85	78.56 4.42 -29.53	72.72 4.71 -16.83	56.40 4.63 -2.03	49.16 3.77 0.00	44.85 2.93 0.00	39.33 2.71 -0.01	34.47 2.40 -0.14
NYPA____ASTORIA_CC2 323569	27.40 2.19 -0.01	24.35 2.03 -0.01	22.84 1.77 -0.01	21.15 1.66 -0.01	21.56 1.63 -0.01	24.94 1.74 0.00	31.35 1.94 0.00	35.14 2.63 0.00	33.71 2.75 0.00	33.23 2.45 -4.11	37.03 2.45 -8.46	41.02 2.60 -11.05	42.42 2.67 -12.17	42.78 2.79 -11.59	47.10 2.75 -16.25	47.42 2.95 -13.79	51.38 3.32 -13.85	78.56 4.42 -29.53	72.72 4.71 -16.83	56.40 4.63 -2.03	49.16 3.77 0.00	44.85 2.93 0.00	39.33 2.71 -0.01	34.47 2.40 -0.14
NYPA____HOLTSVILL 23794	31.48 2.32 -3.96	24.79 2.28 -0.20	23.03 1.96 -0.01	21.47 1.97 -0.01	21.88 1.95 -0.01	25.21 2.00 -0.01	31.54 2.12 -0.01	37.69 3.12 -2.06	34.06 3.10 -0.01	35.59 2.62 -6.30	38.46 2.72 -9.63	39.39 2.52 -9.51	40.88 2.57 -10.74	44.14 2.64 -13.10	48.00 2.36 -17.54	56.72 2.55 -23.50	92.10 2.87 -55.02	118.03 3.79 -69.63	133.51 3.84 -78.48	59.83 3.98 -6.10	53.65 3.41 -4.85	48.65 2.56 -4.18	40.92 2.60 -1.71	38.87 2.65 -4.29
NYPA____HELLGATE_GT1 24158	27.43 2.22 -0.01	24.46 2.14 -0.01	22.90 1.83 -0.01	21.23 1.73 -0.01	21.64 1.71 -0.01	25.02 1.81 -0.01	31.38 1.97 0.00	35.14 2.63 0.00	33.61 2.66 0.01	32.17 2.45 -3.04	38.49 2.45 -9.92	43.47 2.60 -13.50	41.64 2.67 -11.39	41.91 2.79 -10.72	46.23 2.75 -15.38	46.91 2.92 -13.31	51.27 3.21 -13.84	78.51 4.37 -29.52	72.83 4.81 -16.83	56.50 4.73 -2.03	49.25 3.86 0.00	44.98 3.06 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
NYPA____HELLGATE_GT2 24159	27.43 2.22 -0.01	24.46 2.14 -0.01	22.90 1.83 -0.01	21.23 1.73 -0.01	21.64 1.71 -0.01	25.02 1.81 -0.01	31.38 1.97 0.00	35.14 2.63 0.00	33.61 2.66 0.01	32.17 2.45 -3.04	38.49 2.45 -9.92	43.47 2.60 -13.50	41.64 2.67 -11.39	41.91 2.79 -10.72	46.23 2.75 -15.38	46.91 2.92 -13.31	51.27 3.21 -13.84	78.51 4.37 -29.52	72.83 4.81 -16.83	56.50 4.73 -2.03	49.25 3.86 0.00	44.98 3.06 -0.01	39.33 2.71 -0.01	34.40 2.33 -0.14
NYS_BARGE____HYD 23848	24.29 -0.91 0.00	21.84 -0.47 0.00	20.83 -0.23 0.00	19.16 -0.33 0.00	19.50 -0.42 0.00	23.04 -0.16 0.00	28.38 -1.03 0.00	31.05 -1.46 0.00	30.15 -0.80 0.00	25.88 -0.83 -0.03	25.31 -0.86 -0.05	26.72 -0.66 0.00	26.99 -0.63 -0.05	27.87 -0.54 0.00	27.37 -0.84 -0.12	29.70 -1.17 -0.19	33.19 -1.37 -0.35	42.14 -3.21 -0.74	48.24 -3.38 -0.43	46.96 -2.83 -0.05	43.67 -1.72 0.00	40.16 -1.76 0.00	35.40 -1.21 0.00	31.96 0.03 0.00
OAK ORCHARD____HYD 24046	24.85 -0.35 0.00	22.20 -0.11 0.00	21.04 -0.02 0.00	19.39 -0.10 0.00	19.74 -0.18 0.00	23.22 0.02 0.00	28.97 -0.44 0.00	31.80 -0.72 0.00	30.74 -0.22 0.00	26.38 -0.29 0.00	25.78 -0.34 0.00	27.23 -0.14 0.00	27.49 -0.08 0.00	28.32 -0.08 0.00	27.87 -0.23 0.00	30.25 -0.43 0.00	33.63 -0.58 0.00	43.05 -1.56 0.00	49.55 -1.64 0.00	48.30 -1.44 0.00	44.80 -0.59 0.00	41.16 -0.75 0.00	36.06 -0.55 0.00	32.09 0.16 0.00

OAKDALE___35_KV_LOAD 356122	25.40 0.20 0.00	22.60 0.29 0.00	21.40 0.34 0.00	19.76 0.27 0.00	20.18 0.26 0.00	23.57 0.37 0.00	29.67 0.26 0.00	32.71 0.20 0.00	31.33 0.37 0.00	27.02 0.27 -0.07	26.47 0.24 -0.12	27.73 0.36 -0.01	28.04 0.36 -0.11	28.80 0.40 0.00	28.77 0.39 -0.28	31.50 0.37 -0.45	35.52 0.48 -0.83	46.66 0.27 -1.78	52.51 0.31 -1.01	50.32 0.45 -0.12	45.94 0.54 0.00	42.21 0.29 0.00	36.79 0.18 0.00	32.41 0.48 0.00
OCC_CHEM___DRP 24175	24.02 -1.18 0.00	21.64 -0.67 0.00	20.69 -0.38 0.00	18.92 -0.57 0.00	19.30 -0.62 0.00	22.74 -0.46 0.00	27.92 -1.47 0.02	30.54 -1.95 0.02	29.76 -1.18 0.02	25.57 -1.12 -0.01	25.03 -1.12 -0.03	26.39 -0.96 0.02	26.61 -0.99 -0.03	27.48 -0.91 0.02	26.96 -1.24 -0.10	29.19 -1.66 -0.17	32.52 -2.02 -0.33	41.37 -3.97 -0.72	47.35 -4.25 -0.41	45.72 -4.08 -0.05	42.58 -2.81 0.00	39.11 -2.81 0.00	34.52 -2.09 0.00	31.23 -0.70 0.00
OH_GEN_PROXY 24063	24.24 -0.96 0.00	21.80 -0.51 0.00	20.75 -0.32 0.00	19.10 -0.39 0.00	19.40 -0.52 0.00	22.90 -0.30 0.00	28.26 -1.15 0.00	30.95 -1.56 0.00	30.03 -0.93 0.00	25.77 -0.93 -0.03	25.23 -0.94 -0.05	26.61 -0.77 0.00	26.85 -0.77 -0.05	27.72 -0.68 0.00	27.23 -0.98 -0.12	29.55 -1.32 -0.19	32.99 -1.57 -0.35	42.06 -3.30 -0.75	48.03 -3.58 -0.43	46.51 -3.28 -0.05	43.22 -2.18 0.00	40.37 -2.22 -0.68	34.36 -1.57 0.68	31.61 -0.32 0.00
OLIN_CORP_DRP 24177	24.02 -1.18 0.00	21.64 -0.67 0.00	20.69 -0.38 0.00	18.92 -0.57 0.00	19.30 -0.62 0.00	22.74 -0.46 0.00	27.95 -1.47 -0.01	30.57 -1.95 -0.01	29.79 -1.18 -0.01	25.60 -1.12 -0.04	25.06 -1.12 -0.06	26.42 -0.96 -0.01	26.64 -0.99 -0.06	27.50 -0.91 -0.01	26.99 -1.24 -0.13	29.23 -1.66 -0.20	32.56 -2.02 -0.37	41.42 -3.97 -0.78	47.39 -4.25 -0.45	46.27 -3.53 -0.05	43.08 -2.32 0.00	39.57 -2.35 0.00	34.93 -1.68 0.00	31.58 -0.35 0.00
OLIN_CORP_DSASP 323712	24.02 -1.18 0.00	21.60 -0.71 0.00	20.58 -0.48 0.00	18.92 -0.57 0.00	19.24 -0.68 0.00	22.74 -0.46 0.00	27.92 -1.47 0.02	30.54 -1.95 0.02	29.66 -1.27 0.02	25.46 -1.23 -0.01	24.92 -1.23 -0.03	26.31 -1.04 0.02	26.55 -1.05 -0.03	27.42 -0.97 0.02	26.93 -1.26 -0.10	29.19 -1.66 -0.17	32.59 -1.95 -0.33	41.37 -3.97 -0.72	47.40 -4.20 -0.41	45.72 -4.08 -0.05	42.54 -2.86 0.00	39.11 -2.81 0.00	34.56 -2.05 0.00	31.23 -0.70 0.00
ONEIDA_HERK_LFGE 323681	25.55 0.35 0.00	22.65 0.34 0.00	21.38 0.32 0.00	19.76 0.27 0.00	20.24 0.32 0.00	23.62 0.42 0.00	29.91 0.50 0.00	33.06 0.55 0.00	31.33 0.37 0.00	26.81 0.13 0.00	26.20 0.08 0.00	27.51 0.14 0.00	27.66 0.08 0.00	28.52 0.11 0.00	28.27 0.17 0.00	30.99 0.31 0.00	34.62 0.41 0.00	45.15 0.54 0.00	52.01 0.82 0.00	50.74 0.99 0.00	46.39 1.00 0.00	42.88 0.96 0.00	37.23 0.62 0.00	32.50 0.58 0.00
ONEIDA___115KV_TB4 55905	25.83 0.63 0.00	22.91 0.60 0.00	21.63 0.57 0.00	19.98 0.49 0.00	20.46 0.54 0.00	23.87 0.67 0.00	30.23 0.82 0.00	33.39 0.88 0.00	31.73 0.77 0.00	27.18 0.51 0.00	26.59 0.47 0.00	27.92 0.55 0.00	28.07 0.50 0.00	28.94 0.54 0.00	28.71 0.62 0.00	31.39 0.71 0.00	35.03 0.82 0.00	45.64 1.03 0.00	52.52 1.33 0.00	51.24 1.49 0.00	46.89 1.50 0.00	43.22 1.30 0.00	37.53 0.92 0.00	32.79 0.86 0.00
ONONDAGA_REF_OCCRA 23987	25.28 0.08 0.00	22.45 0.13 0.00	21.21 0.15 0.00	19.57 0.08 0.00	20.00 0.08 0.00	23.34 0.14 0.00	29.53 0.12 0.00	32.58 0.07 0.00	31.14 0.19 0.00	26.78 0.11 0.00	26.20 0.08 0.00	27.56 0.19 0.00	27.77 0.19 0.00	28.55 0.14 0.00	28.21 0.11 0.00	30.74 0.06 0.00	34.31 0.10 0.00	44.53 -0.09 0.00	51.09 -0.10 0.00	49.80 0.05 0.00	45.48 0.09 0.00	41.83 -0.08 0.00	36.46 -0.15 0.00	31.93 0.00 0.00
ONONDAGA___COGEN 23986	25.20 0.00 0.00	22.38 0.07 0.00	21.15 0.08 0.00	19.51 0.02 0.00	19.94 0.02 0.00	23.27 0.07 0.00	29.44 0.03 0.00	32.48 -0.03 0.00	31.02 0.06 0.00	26.70 0.03 0.00	26.12 0.00 0.00	27.48 0.11 0.00	27.66 0.08 0.00	28.43 0.03 0.00	28.07 -0.03 0.00	30.59 -0.09 0.00	34.11 -0.10 0.00	44.26 -0.36 0.00	50.83 -0.36 0.00	49.50 -0.25 0.00	45.26 -0.14 0.00	41.62 -0.29 0.00	36.32 -0.29 0.00	31.77 -0.16 0.00
ONTARIO___LFGE 23819	25.15 -0.05 0.00	22.40 0.09 0.00	21.23 0.17 0.00	19.61 0.12 0.00	20.04 0.12 0.00	23.53 0.32 0.00	29.67 0.26 0.00	32.61 0.10 0.00	31.26 0.31 0.00	26.87 0.16 -0.03	26.25 0.08 -0.05	27.62 0.25 0.00	27.87 0.25 -0.04	28.69 0.28 0.00	28.46 0.25 -0.11	31.02 0.15 -0.18	34.82 0.27 -0.34	44.94 -0.40 -0.72	51.35 -0.25 -0.41	49.80 0.00 -0.05	45.76 0.36 0.00	42.17 0.25 0.00	36.79 0.18 0.00	32.53 0.61 0.00
ORANGEVILLE_WT_PWR 323706	23.86 -1.34 0.00	21.42 -0.89 0.00	20.50 -0.57 0.00	19.00 -0.49 0.00	19.54 -0.38 0.00	23.13 -0.07 0.00	28.79 -0.62 0.00	31.47 -1.04 0.00	30.30 -0.65 0.00	26.05 -0.67 -0.04	25.45 -0.73 -0.07	26.80 -0.58 0.00	27.03 -0.61 -0.06	27.89 -0.51 0.00	27.58 -0.67 -0.16	30.07 -0.86 -0.25	34.00 -0.68 -0.47	43.43 -2.19 -1.00	49.66 -2.10 -0.57	48.22 -1.59 -0.07	44.62 -0.77 0.00	41.03 -0.88 0.00	36.06 -0.55 0.00	32.37 0.45 0.00
ORANGEVILLE___ESR 323794	23.86 -1.34 0.00	21.42 -0.89 0.00	20.50 -0.57 0.00	19.00 -0.49 0.00	19.54 -0.38 0.00	23.13 -0.07 0.00	28.79 -0.62 0.00	31.47 -1.04 0.00	30.30 -0.65 0.00	26.05 -0.67 -0.04	25.45 -0.73 -0.07	26.80 -0.58 0.00	27.03 -0.61 -0.06	27.89 -0.51 0.00	27.58 -0.67 -0.16	30.07 -0.86 -0.25	34.00 -0.68 -0.47	43.43 -2.19 -1.00	49.66 -2.10 -0.57	48.22 -1.59 -0.07	44.62 -0.77 0.00	41.03 -0.88 0.00	36.06 -0.55 0.00	32.37 0.45 0.00
OSWEGATCHIE___HYD 24044	24.87 -0.33 0.00	22.00 -0.31 0.00	20.79 -0.27 0.00	19.22 -0.27 0.00	19.74 -0.18 0.00	23.06 -0.14 0.00	29.26 -0.15 0.00	32.29 -0.23 0.00	30.36 -0.59 0.00	25.98 -0.69 0.00	25.39 -0.73 0.00	26.63 -0.74 0.00	26.75 -0.83 0.00	27.55 -0.85 0.00	27.34 -0.76 0.00	30.04 -0.65 0.00	33.53 -0.68 0.00	43.63 -0.98 0.00	50.42 -0.77 0.00	49.15 -0.59 0.00	45.08 -0.32 0.00	41.92 0.00 0.00	36.65 0.04 0.00	32.06 0.13 0.00
OSWEGO___5 23606	24.77 -0.43 0.00	21.98 -0.33 0.00	20.77 -0.29 0.00	19.20 -0.29 0.00	19.60 -0.32 0.00	22.88 -0.32 0.00	28.91 -0.50 0.00	31.77 -0.75 0.00	30.30 -0.65 0.00	26.11 -0.56 0.00	25.55 -0.57 0.00	26.85 -0.52 0.00	27.05 -0.52 0.00	27.81 -0.60 0.00	27.50 -0.59 0.00	29.98 -0.70 0.00	33.46 -0.75 0.00	43.41 -1.20 0.00	49.86 -1.33 0.00	48.50 -1.24 0.00	44.35 -1.04 0.00	40.87 -1.05 0.00	35.66 -0.95 0.00	31.23 -0.70 0.00
OSWEGO___6 23613	24.77 -0.43 0.00	21.98 -0.33 0.00	20.77 -0.29 0.00	19.20 -0.29 0.00	19.60 -0.32 0.00	22.88 -0.32 0.00	28.91 -0.50 0.00	31.77 -0.75 0.00	30.30 -0.65 0.00	26.11 -0.56 0.00	25.55 -0.57 0.00	26.85 -0.52 0.00	27.05 -0.52 0.00	27.81 -0.60 0.00	27.50 -0.59 0.00	29.98 -0.70 0.00	33.46 -0.75 0.00	43.41 -1.20 0.00	49.86 -1.33 0.00	48.50 -1.24 0.00	44.35 -1.04 0.00	40.87 -1.05 0.00	35.66 -0.95 0.00	31.23 -0.70 0.00

OUTOKUMPU-AB___DRP 24206	24.47 -0.73 0.00	22.09 -0.22 0.00	21.11 0.04 0.00	19.31 -0.18 0.00	19.72 -0.20 0.00	23.22 0.02 0.00	28.61 -0.79 0.01	31.33 -1.17 0.01	30.58 -0.37 0.01	26.27 -0.43 -0.02	25.72 -0.44 -0.04	27.15 -0.22 0.00	27.37 -0.25 -0.04	28.28 -0.11 0.01	27.79 -0.42 -0.11	30.13 -0.74 -0.19	33.54 -1.03 -0.35	42.61 -2.77 -0.76	48.76 -2.87 -0.44	47.26 -2.54 -0.05	43.94 -1.45 0.00	40.37 -1.55 0.00	35.55 -1.06 0.00	32.12 0.19 0.00
OXBOW___BTM 323836	24.29 -0.91 0.00	21.84 -0.47 0.00	20.83 -0.23 0.00	19.16 -0.33 0.00	19.48 -0.44 0.00	23.01 -0.19 0.00	28.31 -1.09 0.01	31.00 -1.50 0.01	30.14 -0.80 0.01	25.87 -0.83 -0.02	25.32 -0.84 -0.04	26.73 -0.63 0.01	26.98 -0.63 -0.03	27.88 -0.51 0.01	27.42 -0.79 -0.11	29.72 -1.13 -0.18	33.18 -1.37 -0.34	42.10 -3.26 -0.74	48.18 -3.43 -0.42	46.57 -3.23 -0.05	43.31 -2.09 0.00	39.82 -2.09 0.00	35.14 -1.47 0.00	31.74 -0.19 0.00
OXBOW___ 24026	24.29 -0.91 0.00	21.89 -0.42 0.00	20.94 -0.13 0.00	19.16 -0.33 0.00	19.54 -0.38 0.00	23.02 -0.19 0.00	28.31 -1.09 0.01	30.97 -1.53 0.01	30.23 -0.71 0.01	25.97 -0.72 -0.02	25.42 -0.73 -0.04	26.84 -0.52 0.01	27.06 -0.55 -0.03	27.96 -0.43 0.01	27.44 -0.76 -0.11	29.72 -1.14 -0.18	33.11 -1.44 -0.34	42.10 -3.26 -0.74	48.18 -3.43 -0.42	46.57 -3.23 -0.05	43.35 -2.04 0.00	39.82 -2.10 0.00	35.11 -1.50 0.00	31.74 -0.19 0.00
OXY_CHEM_DSASP 323612	24.02 -1.18 0.00	21.64 -0.67 0.00	20.69 -0.38 0.00	18.92 -0.57 0.00	19.30 -0.62 0.00	22.74 -0.46 0.00	27.92 -1.47 0.02	30.54 -1.95 0.02	29.76 -1.18 0.02	25.57 -1.12 -0.01	25.03 -1.12 -0.03	26.39 -0.96 0.02	26.61 -0.99 -0.03	27.48 -0.91 0.02	26.96 -1.24 -0.10	29.19 -1.66 -0.17	32.52 -2.02 -0.33	41.37 -3.97 -0.72	47.35 -4.25 -0.41	45.72 -4.08 -0.05	42.58 -2.81 0.00	39.11 -2.81 0.00	34.52 -2.09 0.00	31.23 -0.70 0.00
OZONE_PARK_ESR 323760	27.54 2.34 0.00	24.43 2.12 0.00	22.96 1.90 0.00	21.20 1.72 0.00	21.61 1.69 0.00	25.03 1.83 0.00	31.53 2.12 0.00	35.18 2.67 0.00	33.86 2.91 0.00	33.21 2.64 -3.89	36.73 2.64 -7.97	40.41 2.82 -10.22	41.86 2.90 -11.39	42.22 3.10 -10.72	46.54 3.06 -15.38	47.34 3.34 -13.31	51.90 3.83 -13.86	79.24 5.09 -29.54	73.35 5.32 -16.84	57.05 5.27 -2.03	49.71 4.31 0.00	45.27 3.35 0.00	39.61 3.00 0.00	34.71 2.65 -0.14
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.02 -1.18 0.00	21.64 -0.67 0.00	20.69 -0.38 0.00	18.92 -0.57 0.00	19.30 -0.62 0.00	22.74 -0.46 0.00	27.92 -1.47 0.02	30.54 -1.95 0.02	29.76 -1.18 0.02	25.57 -1.12 -0.01	25.03 -1.12 -0.03	26.39 -0.96 0.02	26.61 -0.99 -0.03	27.48 -0.91 0.02	26.96 -1.24 -0.10	29.19 -1.66 -0.17	32.52 -2.02 -0.33	41.37 -3.97 -0.72	47.35 -4.25 -0.41	45.72 -4.08 -0.05	42.58 -2.81 0.00	39.11 -2.81 0.00	34.52 -2.09 0.00	31.23 -0.70 0.00
PACKARD___115KV_DUPONT_184 80571	24.02 -1.18 0.00	21.64 -0.67 0.00	20.69 -0.38 0.00	18.92 -0.57 0.00	19.30 -0.62 0.00	22.74 -0.46 0.00	27.92 -1.47 0.02	30.54 -1.95 0.02	29.76 -1.18 0.02	25.57 -1.12 -0.01	25.03 -1.12 -0.03	26.39 -0.96 0.02	26.61 -0.99 -0.03	27.48 -0.91 0.02	26.96 -1.24 -0.10	29.19 -1.66 -0.17	32.52 -2.02 -0.33	41.37 -3.97 -0.72	47.35 -4.25 -0.41	45.72 -4.08 -0.05	42.58 -2.81 0.00	39.11 -2.81 0.00	34.52 -2.09 0.00	31.23 -0.70 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.45 2.24 -0.01	24.44 2.12 -0.01	22.95 1.87 -0.01	21.23 1.73 -0.01	21.62 1.69 -0.01	25.04 1.83 -0.01	31.41 2.00 0.00	34.95 2.44 0.00	33.46 2.51 0.00	31.84 2.21 -2.95	34.20 2.25 -5.83	36.38 2.38 -6.63	41.40 2.43 -11.39	41.74 2.61 -10.72	46.09 2.61 -15.38	46.79 2.79 -13.31	51.28 3.22 -13.85	78.38 4.24 -29.53	72.83 4.81 -16.83	56.45 4.68 -2.03	49.21 3.81 0.00	44.98 3.06 -0.01	39.36 2.75 -0.01	34.47 2.39 -0.14
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	27.73 2.52 -0.01	24.66 2.34 -0.01	23.18 2.11 -0.01	21.43 1.93 -0.01	21.84 1.91 -0.01	25.27 2.06 -0.01	31.70 2.29 0.00	35.28 2.76 0.00	33.77 2.82 0.00	32.11 2.48 -2.95	34.43 2.48 -5.83	36.62 2.63 -6.63	41.67 2.70 -11.39	42.02 2.90 -10.72	46.40 2.92 -15.38	47.13 3.13 -13.31	51.66 3.59 -13.85	78.92 4.77 -29.53	73.39 5.37 -16.83	57.10 5.32 -2.03	49.75 4.36 0.00	45.49 3.56 -0.01	39.77 3.15 -0.01	34.82 2.75 -0.14
PATROON___115KV_TB1 80586	25.98 0.78 0.00	23.09 0.78 0.00	21.74 0.67 0.00	20.11 0.62 0.00	20.52 0.60 0.00	23.78 0.58 0.00	29.85 0.44 0.00	33.19 0.68 0.00	31.63 0.68 0.00	26.96 0.51 0.22	26.24 0.52 0.40	27.69 0.60 0.28	27.81 0.72 0.48	28.92 0.80 0.28	28.16 0.93 0.86	30.59 0.98 1.07	33.67 1.16 1.71	42.45 1.47 3.64	50.39 1.28 2.08	50.79 1.29 0.25	46.44 1.04 0.00	42.55 0.63 0.00	36.94 0.33 0.00	32.07 0.26 0.11
PATTRSNVILLE___SOLAR 323815	26.28 1.08 0.00	23.34 1.03 0.00	21.99 0.93 0.00	20.33 0.84 0.00	20.78 0.86 0.00	24.13 0.93 0.00	30.35 0.94 0.00	33.58 1.07 0.00	31.94 0.99 0.00	27.26 0.72 0.13	26.62 0.71 0.21	28.10 0.74 0.01	28.21 0.83 0.20	29.23 0.82 0.00	28.44 0.84 0.50	30.87 0.98 0.79	34.01 1.27 1.47	43.13 1.65 3.14	51.24 1.84 1.79	51.57 2.04 0.22	47.30 1.91 0.00	43.42 1.51 0.00	37.75 1.14 0.00	32.80 0.96 0.08
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.62 -0.58 0.00	22.20 -0.11 0.00	21.21 0.15 0.00	19.45 -0.04 0.00	19.86 -0.06 0.00	23.39 0.19 0.00	29.00 -0.41 0.00	31.83 -0.68 0.00	31.02 0.06 0.00	26.71 0.00 -0.04	26.15 -0.03 -0.06	27.56 0.19 0.00	27.80 0.17 -0.05	28.77 0.37 0.00	28.34 0.11 -0.14	30.81 -0.09 -0.22	34.30 -0.31 -0.40	43.68 -1.78 -0.85	49.89 -1.79 -0.49	48.36 -1.44 -0.06	44.76 -0.64 0.00	41.08 -0.84 0.00	36.10 -0.51 0.00	32.47 0.54 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.14 1.94 0.00	24.08 1.76 0.00	22.60 1.54 0.00	20.91 1.42 0.00	21.33 1.41 0.00	24.73 1.53 0.00	31.14 1.74 0.00	34.62 2.11 0.00	33.28 2.32 0.00	29.55 1.97 -0.90	29.55 2.01 -1.41	29.70 2.24 -0.08	31.31 2.40 -1.34	31.07 2.67 0.00	34.17 2.70 -3.38	39.11 3.07 -5.36	47.80 3.59 -9.99	70.67 4.73 -21.33	68.38 5.02 -12.17	56.03 4.83 -1.46	49.16 3.77 0.00	44.81 2.89 0.00	38.95 2.34 0.00	34.08 2.01 -0.14
PEEKSKILL___ 23653	27.02 1.82 0.00	23.99 1.67 0.00	22.48 1.41 0.00	20.83 1.34 0.00	21.23 1.31 0.00	24.62 1.42 0.00	30.94 1.53 0.00	34.62 2.11 0.00	33.28 2.32 0.00	31.30 2.11 -2.52	33.05 2.09 -4.84	34.55 2.24 -4.93	36.36 2.37 -6.42	35.98 2.47 -5.10	40.40 2.47 -9.83	43.67 2.67 -10.32	51.27 3.04 -14.01	78.57 4.06 -29.89	72.38 4.14 -17.05	55.88 4.08 -2.05	48.66 3.27 0.00	44.30 2.39 0.00	38.70 2.09 0.00	33.91 1.85 -0.13
PGE MADISON___WINDPWR 24146	26.38 1.18 0.00	23.45 1.14 0.00	22.20 1.14 0.00	20.50 1.01 0.00	21.05 1.13 0.00	24.69 1.49 0.00	31.32 1.91 0.00	34.50 1.98 0.00	32.56 1.61 0.00	27.76 1.01 -0.07	27.07 0.84 -0.11	28.42 1.04 -0.01	28.59 0.91 -0.11	29.43 1.02 0.00	29.43 1.07 -0.27	32.55 1.44 -0.42	36.78 1.78 -0.79	48.70 2.41 -1.68	55.52 3.38 -0.96	53.69 3.83 -0.11	49.21 3.81 0.00	45.39 3.48 0.00	39.21 2.60 0.00	34.39 2.46 0.00

PIERCEFIELD___HYD 23852	24.29 -0.91 0.00	21.38 -0.94 0.00	20.28 -0.78 0.00	18.79 -0.70 0.00	19.32 -0.60 0.00	22.57 -0.63 0.00	28.85 -0.56 0.00	31.89 -0.62 0.00	29.96 -0.99 0.00	25.77 -0.91 0.00	25.18 -0.94 0.00	26.27 -1.09 0.00	26.47 -1.10 0.00	27.24 -1.16 0.00	27.11 -0.98 0.00	29.70 -0.98 0.00	33.01 -1.20 0.00	42.65 -1.96 0.00	49.19 -2.00 0.00	47.71 -2.04 0.00	43.76 -1.63 0.00	40.91 -1.01 0.00	36.10 -0.51 0.00	31.83 -0.10 0.00
PINELAWN_CC_1 323563	31.97 2.40 -4.37	24.81 2.28 -0.22	23.05 1.98 -0.01	21.41 1.91 -0.01	21.82 1.89 -0.01	25.23 2.02 -0.01	31.65 2.23 -0.01	37.84 3.06 -2.28	34.12 3.16 -0.01	36.45 2.69 -7.08	39.86 2.74 -11.00	41.53 2.71 -11.45	42.88 2.73 -12.58	46.39 2.50 -15.49	51.10 2.25 -20.76	60.39 2.42 -27.28	63.32 2.63 -26.47	88.86 3.48 -40.76	76.83 3.53 -22.11	64.41 3.63 -11.03	53.10 3.22 -4.48	50.89 2.43 -6.55	43.07 2.71 -3.75	41.26 2.62 -6.71
PJM_GEN_HTTP_PROXY 323702	27.27 2.07 0.00	24.23 1.92 0.00	22.71 1.64 0.00	21.03 1.54 0.00	21.43 1.51 0.00	24.82 1.62 0.00	31.23 1.82 0.00	35.02 2.50 0.00	33.68 2.72 0.00	32.78 2.45 -3.65	36.00 2.45 -7.43	39.28 2.60 -9.31	40.81 2.70 -10.52	40.96 2.81 -9.74	45.29 2.78 -14.41	46.44 2.98 -12.78	51.43 3.35 -13.86	78.68 4.50 -29.56	72.65 4.61 -16.85	56.35 4.57 -2.03	49.12 3.72 0.00	45.36 2.77 -0.68	38.42 2.49 0.68	34.26 2.20 -0.14
PJM_GEN_KEystone 24065	25.73 0.53 0.00	22.96 0.65 0.00	21.65 0.59 0.00	20.02 0.53 0.00	20.40 0.48 0.00	23.80 0.60 0.00	29.76 0.35 0.00	33.00 0.49 0.00	31.82 0.87 0.00	28.71 0.77 -1.26	29.29 0.76 -2.41	30.71 0.90 -2.44	31.70 0.94 -3.19	31.98 1.05 -2.52	33.81 0.96 -4.76	36.70 0.95 -5.06	42.21 1.09 -6.90	60.62 0.98 -15.03	60.66 0.92 -8.55	51.79 1.05 -1.00	46.30 0.95 0.05	43.05 0.46 -0.68	36.41 0.47 0.68	32.83 0.83 -0.07
PJM_GEN_NEPTUNE_PROXY 323594	30.93 2.04 -3.69	24.44 1.94 -0.19	22.78 1.71 -0.01	21.14 1.64 -0.01	21.52 1.59 -0.01	24.95 1.74 -0.01	31.30 1.88 -0.01	36.97 2.54 -1.92	33.65 2.69 -0.01	34.78 2.32 -5.79	37.20 2.35 -8.72	37.96 2.35 -8.24	39.48 2.37 -9.53	42.32 2.39 -11.53	45.81 2.25 -15.47	44.98 2.33 -11.97	51.97 2.67 -15.09	78.77 3.57 -30.59	71.71 3.58 -16.94	56.41 3.63 -3.03	48.83 2.95 -0.48	45.17 2.22 -1.03	38.53 2.23 0.31	36.72 2.11 -2.69
PJM_GEN_VFT_PROXY 323633	27.19 1.99 0.00	24.19 1.87 0.00	22.64 1.58 0.00	20.97 1.48 0.00	21.37 1.45 0.00	24.76 1.55 0.00	31.14 1.73 0.00	34.92 2.41 0.00	33.62 2.66 0.00	32.99 2.43 -3.89	36.52 2.43 -7.97	40.14 2.55 -10.22	41.56 2.59 -11.39	41.82 2.70 -10.72	43.99 2.61 -13.28	45.20 2.76 -11.76	48.85 3.15 -11.49	77.77 4.24 -28.91	71.79 4.30 -16.30	55.53 4.28 -1.51	48.15 3.45 0.69	45.14 2.56 -0.67	38.35 2.42 0.68	34.20 2.14 -0.14
PLATSBRG_115KV_PMLD1 355749	24.17 -1.03 0.00	21.29 -1.03 0.00	20.28 -0.78 0.00	18.83 -0.66 0.00	19.36 -0.56 0.00	22.62 -0.58 0.00	28.94 -0.47 0.00	32.02 -0.49 0.00	30.24 -0.71 0.00	26.09 -0.59 0.00	25.47 -0.65 0.00	26.55 -0.82 0.00	26.78 -0.80 0.00	27.50 -0.91 0.00	27.25 -0.84 0.00	29.82 -0.86 0.00	33.25 -0.96 0.00	43.19 -1.43 0.00	50.01 -1.18 0.00	48.60 -1.14 0.00	44.62 -0.77 0.00	41.87 -0.04 0.00	36.79 0.18 0.00	32.31 0.38 0.00
PLEASANTVLY___LBMP 24000	26.76 1.56 0.00	23.76 1.45 0.00	22.33 1.26 0.00	20.68 1.19 0.00	21.07 1.16 0.00	24.41 1.21 0.00	30.64 1.24 0.00	34.14 1.63 0.00	32.75 1.80 0.00	27.67 1.57 0.58	26.65 1.57 1.04	28.40 1.72 0.69	28.14 1.79 1.23	29.70 1.99 0.70	27.82 1.97 2.24	29.99 2.15 2.84	32.13 2.50 4.58	38.19 3.35 9.77	48.94 3.33 5.57	52.41 3.33 0.67	48.03 2.63 0.00	43.84 1.93 0.00	38.22 1.61 0.00	33.48 1.40 -0.15
PLSNTVLE_13_KV_13.8KVDIST 80602	27.06 1.86 0.00	24.03 1.72 0.00	22.58 1.52 0.00	20.89 1.40 0.00	21.27 1.35 0.00	24.66 1.46 0.00	31.00 1.59 0.00	34.56 2.05 0.00	33.24 2.29 0.00	28.15 2.03 0.56	26.09 2.04 2.06	23.17 2.22 6.41	25.43 2.29 4.44	23.99 2.50 6.91	28.00 2.47 2.56	36.47 2.70 -3.08	50.14 3.11 -12.81	76.17 4.19 -27.36	71.06 4.25 -15.63	55.85 4.23 -1.88	48.75 3.36 0.00	44.43 2.52 0.00	38.81 2.20 0.00	34.01 1.95 -0.14
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.06 1.86 0.00	24.03 1.72 0.00	22.58 1.52 0.00	20.89 1.40 0.00	21.27 1.35 0.00	24.66 1.46 0.00	31.00 1.59 0.00	34.56 2.05 0.00	33.24 2.29 0.00	28.15 2.03 0.56	26.09 2.04 2.06	23.17 2.22 6.41	25.43 2.29 4.44	23.99 2.50 6.91	28.00 2.47 2.56	36.47 2.70 -3.08	50.14 3.11 -12.81	76.17 4.19 -27.36	71.06 4.25 -15.63	55.85 4.23 -1.88	48.75 3.36 0.00	44.43 2.52 0.00	38.81 2.20 0.00	34.01 1.95 -0.14
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.94 1.74 0.00	23.92 1.61 0.00	22.50 1.43 0.00	20.80 1.31 0.00	21.21 1.29 0.00	24.59 1.39 0.00	30.88 1.47 0.00	34.40 1.89 0.00	33.00 2.04 0.00	28.76 1.76 -0.33	28.32 1.75 -0.45	28.99 1.94 0.32	29.94 2.07 -0.29	30.32 2.30 0.38	31.61 2.30 -1.21	35.55 2.55 -2.32	41.83 2.91 -4.71	58.59 3.93 -10.05	60.91 3.99 -5.73	54.41 3.98 -0.69	48.62 3.22 0.00	44.35 2.43 0.00	38.59 1.98 0.00	33.79 1.72 -0.14
POLETTI____ 23519	27.27 2.07 0.00	24.23 1.92 0.00	22.75 1.69 0.00	21.03 1.54 0.00	21.41 1.49 0.00	24.80 1.60 0.00	31.20 1.79 0.00	34.79 2.28 0.00	33.48 2.54 0.02	32.89 2.32 -3.89	36.41 2.32 -7.97	40.08 2.49 -10.22	41.53 2.56 -11.39	41.87 2.76 -10.71	46.20 2.73 -15.38	46.94 2.95 -13.31	51.37 3.32 -13.85	78.56 4.42 -29.53	72.58 4.56 -16.84	56.30 4.53 -2.03	49.03 3.63 0.00	44.68 2.77 0.00	39.14 2.53 0.00	34.30 2.23 -0.14
POMONA___ESR 323819	26.96 1.76 0.00	23.96 1.65 0.00	22.45 1.39 0.00	20.82 1.33 0.00	21.21 1.29 0.00	24.57 1.37 0.00	30.91 1.50 0.00	34.56 2.05 0.00	33.21 2.26 0.00	30.90 2.08 -2.14	32.24 2.06 -4.06	33.44 2.22 -3.86	35.16 2.32 -5.26	34.82 2.44 -3.98	38.87 2.44 -8.33	42.39 2.61 -9.10	50.06 2.94 -12.90	76.11 3.97 -27.52	70.88 4.00 -15.70	55.62 3.98 -1.89	48.57 3.18 0.00	44.26 2.35 0.00	38.62 2.01 0.00	33.87 1.82 -0.13
PORT_JEFF_3 23555	31.56 2.40 -3.96	24.84 2.32 -0.20	23.10 2.02 -0.01	21.53 2.03 -0.01	21.94 2.01 -0.01	25.25 2.04 -0.01	31.59 2.18 -0.01	37.76 3.19 -2.06	34.15 3.19 -0.01	35.68 2.69 -6.31	38.58 2.82 -9.64	39.39 2.49 -9.53	40.87 2.54 -10.76	44.14 2.61 -13.13	48.04 2.36 -17.58	57.17 2.52 -23.97	93.67 2.84 -56.62	119.52 3.70 -71.20	135.99 3.73 -81.07	59.73 3.83 -6.15	53.70 3.31 -5.00	48.80 2.56 -4.33	41.06 2.71 -1.74	38.96 2.71 -4.32
PORT_JEFF_4 23616	31.56 2.40 -3.96	24.84 2.32 -0.20	23.10 2.02 -0.01	21.53 2.03 -0.01	21.94 2.01 -0.01	25.25 2.04 -0.01	31.59 2.18 -0.01	37.76 3.19 -2.06	34.15 3.19 -0.01	35.68 2.69 -6.31	38.58 2.82 -9.64	39.39 2.49 -9.53	40.87 2.54 -10.76	44.14 2.61 -13.13	48.04 2.36 -17.58	57.17 2.52 -23.97	93.67 2.84 -56.62	119.52 3.70 -71.20	135.99 3.73 -81.07	59.73 3.83 -6.15	53.70 3.31 -5.00	48.80 2.56 -4.33	41.06 2.71 -1.74	38.96 2.71 -4.32

PORT_JEFF_IC 23713	31.60 2.42 -3.98	24.86 2.34 -0.20	23.14 2.06 -0.01	21.54 2.05 -0.01	21.86 1.93 -0.01	25.25 2.04 -0.01	31.62 2.21 -0.01	37.64 3.06 -2.07	34.00 3.03 -0.01	35.63 2.61 -6.34	38.55 2.74 -9.69	39.43 2.46 -9.60	40.88 2.48 -10.82	44.23 2.61 -13.21	48.34 2.56 -17.69	57.64 2.42 -24.53	99.54 2.81 -62.52	125.33 3.70 -77.01	145.62 3.74 -90.69	59.87 3.83 -6.30	54.18 3.27 -5.52	49.04 2.68 -4.44	41.12 2.71 -1.80	39.04 2.71 -4.40
PPL PILGRIM_ST_GT1 24216	31.80 2.57 -4.03	24.97 2.45 -0.21	23.22 2.15 -0.01	21.58 2.09 -0.01	22.00 2.07 -0.01	25.39 2.18 -0.01	31.83 2.41 -0.01	37.93 3.32 -2.10	34.34 3.37 -0.01	35.97 2.86 -6.44	38.93 2.95 -9.86	40.09 2.87 -9.85	41.53 2.89 -11.06	44.87 2.95 -13.51	48.80 2.61 -18.09	117.88 2.88 -84.32	64.66 3.15 -27.30	90.63 3.88 -42.14	85.64 3.94 -30.51	61.09 4.43 -6.92	52.25 3.90 -2.95	72.14 2.98 -27.24	41.61 2.93 -2.07	39.55 2.91 -4.72
PPL PILGRIM_ST_GT2 24217	31.80 2.57 -4.03	24.97 2.45 -0.21	23.22 2.15 -0.01	21.58 2.09 -0.01	22.00 2.07 -0.01	25.39 2.18 -0.01	31.83 2.41 -0.01	37.93 3.32 -2.10	34.34 3.37 -0.01	35.97 2.86 -6.44	38.93 2.95 -9.86	40.09 2.87 -9.85	41.53 2.89 -11.06	44.87 2.95 -13.51	48.80 2.61 -18.09	117.88 2.88 -84.32	64.66 3.15 -27.30	90.63 3.88 -42.14	85.64 3.94 -30.51	61.09 4.43 -6.92	52.25 3.90 -2.95	72.14 2.98 -27.24	41.61 2.93 -2.07	39.55 2.91 -4.72
PPL_SHRM_GT3 24213	31.26 2.09 -3.97	24.61 2.10 -0.20	22.86 1.79 -0.01	21.47 1.97 -0.01	21.88 1.95 -0.01	25.00 1.79 -0.01	31.21 1.79 -0.01	37.63 3.06 -2.07	33.81 2.85 -0.01	35.35 2.35 -6.32	38.29 2.51 -9.66	39.26 2.33 -9.56	40.74 2.37 -10.79	44.07 2.50 -13.16	48.00 2.27 -17.63	57.90 2.48 -24.73	94.57 2.87 -57.49	120.50 3.84 -72.05	137.48 3.89 -82.40	60.05 4.08 -6.22	53.93 3.45 -5.09	49.07 2.56 -4.60	40.87 2.49 -1.77	38.78 2.49 -4.36
PPL_SHRM_GT4 24214	31.26 2.09 -3.97	24.61 2.10 -0.20	22.86 1.79 -0.01	21.47 1.97 -0.01	21.88 1.95 -0.01	25.00 1.79 -0.01	31.21 1.79 -0.01	37.63 3.06 -2.07	33.81 2.85 -0.01	35.35 2.35 -6.32	38.29 2.51 -9.66	39.26 2.33 -9.56	40.74 2.37 -10.79	44.07 2.50 -13.16	48.00 2.27 -17.63	57.90 2.48 -24.73	94.57 2.87 -57.49	120.50 3.84 -72.05	137.48 3.89 -82.40	60.05 4.08 -6.22	53.93 3.45 -5.09	49.07 2.56 -4.60	40.87 2.49 -1.77	38.78 2.49 -4.36
PROJECT___ORANGE 1 24174	25.23 0.03 0.00	22.40 0.09 0.00	21.19 0.13 0.00	19.55 0.06 0.00	19.98 0.06 0.00	23.29 0.09 0.00	29.47 0.06 0.00	32.51 0.00 0.00	31.08 0.12 0.00	26.76 0.08 0.00	26.20 0.08 0.00	27.56 0.19 0.00	27.74 0.17 0.00	28.52 0.11 0.00	28.15 0.06 0.00	30.68 0.00 0.00	34.25 0.03 0.00	44.39 -0.22 0.00	50.93 -0.26 0.00	49.60 -0.15 0.00	45.35 -0.05 0.00	41.71 -0.21 0.00	36.35 -0.26 0.00	31.83 -0.10 0.00
PROJECT___ORANGE 2 24166	25.23 0.03 0.00	22.40 0.09 0.00	21.19 0.13 0.00	19.55 0.06 0.00	19.98 0.06 0.00	23.29 0.09 0.00	29.47 0.06 0.00	32.51 0.00 0.00	31.08 0.12 0.00	26.76 0.08 0.00	26.20 0.08 0.00	27.56 0.19 0.00	27.74 0.17 0.00	28.52 0.11 0.00	28.15 0.06 0.00	30.68 0.00 0.00	34.25 0.03 0.00	44.39 -0.22 0.00	50.93 -0.26 0.00	49.60 -0.15 0.00	45.35 -0.05 0.00	41.71 -0.21 0.00	36.35 -0.26 0.00	31.83 -0.10 0.00
PUCKETT___SOLAR 323809	25.65 0.45 0.00	22.83 0.51 0.00	21.59 0.53 0.00	19.94 0.45 0.00	20.38 0.46 0.00	23.85 0.65 0.00	30.09 0.68 0.00	33.16 0.65 0.00	31.57 0.62 0.00	27.12 0.37 -0.08	26.55 0.31 -0.12	27.79 0.41 -0.01	28.10 0.41 -0.11	28.89 0.48 0.00	28.89 0.51 -0.29	31.69 0.55 -0.46	35.82 0.75 -0.85	47.19 0.76 -1.82	53.25 1.02 -1.04	51.16 1.29 -0.12	46.71 1.32 0.00	42.97 1.05 0.00	37.38 0.77 0.00	32.85 0.93 0.00
PYRITES___HYD 24023	24.65 -0.55 0.00	21.71 -0.60 0.00	20.60 -0.46 0.00	19.08 -0.41 0.00	19.66 -0.26 0.00	22.99 -0.21 0.00	29.47 0.06 0.00	32.48 -0.03 0.00	30.37 -0.59 0.00	26.09 -0.59 0.00	25.44 -0.68 0.00	26.55 -0.82 0.00	26.75 -0.83 0.00	27.52 -0.88 0.00	27.45 -0.65 0.00	30.10 -0.58 0.00	33.49 -0.72 0.00	43.50 -1.12 0.00	50.57 -0.61 0.00	49.10 -0.65 0.00	45.12 -0.27 0.00	42.25 0.34 0.00	37.12 0.51 0.00	32.50 0.57 0.00
QUAKERRD_115KV_BK1 80622	24.34 -0.86 0.00	21.73 -0.58 0.00	20.62 -0.44 0.00	18.98 -0.51 0.00	19.36 -0.56 0.00	22.69 -0.51 0.00	28.41 -1.00 0.00	31.24 -1.27 0.00	30.18 -0.77 0.00	25.93 -0.75 0.00	25.36 -0.76 0.00	26.74 -0.63 0.00	26.97 -0.61 0.00	27.75 -0.65 0.00	27.28 -0.81 0.00	29.64 -1.04 0.00	32.91 -1.30 0.00	42.34 -2.28 0.00	48.68 -2.51 0.00	47.41 -2.34 0.00	43.90 -1.50 0.00	40.32 -1.59 0.00	35.29 -1.32 0.00	31.29 -0.64 0.00
QUENSBRY_115KV_TB8 356137	27.27 2.07 0.00	24.25 1.94 0.00	22.77 1.71 0.00	21.03 1.54 0.00	21.47 1.55 0.00	25.01 1.81 0.00	31.44 2.03 0.00	34.82 2.31 0.00	33.12 2.17 0.00	28.18 1.65 0.15	27.48 1.59 0.23	28.91 1.56 0.01	29.07 1.71 0.22	30.25 1.85 0.00	29.46 1.91 0.55	32.05 2.24 0.87	35.59 3.01 1.63	43.90 2.77 3.48	52.33 3.12 1.98	52.64 3.13 0.24	48.30 2.91 0.00	44.22 2.31 0.00	38.40 1.79 0.00	33.22 1.40 0.11
RAMAPO___LBMP 323565	26.86 1.66 0.00	23.85 1.54 0.00	22.41 1.35 0.00	20.74 1.25 0.00	21.13 1.22 0.00	24.48 1.28 0.00	30.79 1.38 0.00	34.27 1.76 0.00	32.94 1.98 0.00	30.52 1.81 -2.03	31.78 1.83 -3.83	32.92 1.97 -3.58	34.57 2.04 -4.95	34.34 2.24 -3.69	38.21 2.22 -7.90	41.82 2.42 -8.71	49.45 2.77 -12.47	74.92 3.70 -26.60	70.10 3.74 -15.17	55.30 3.73 -1.83	48.34 2.95 0.00	44.05 2.14 0.00	38.48 1.87 0.00	33.71 1.66 -0.13
RANKINE____ 23646	24.62 -0.58 0.00	22.22 -0.09 0.00	21.25 0.19 0.00	19.47 -0.02 0.00	19.86 -0.06 0.00	23.41 0.21 0.00	28.94 -0.47 0.00	31.73 -0.78 0.00	30.92 -0.03 0.00	26.60 -0.11 -0.03	26.04 -0.13 -0.05	27.48 0.11 0.00	27.71 0.08 -0.05	28.66 0.26 0.00	28.17 -0.06 -0.13	30.58 -0.31 -0.21	33.98 -0.62 -0.38	43.20 -2.23 -0.82	49.41 -2.25 -0.48	47.91 -1.89 -0.06	44.49 -0.91 0.00	40.83 -1.09 0.00	35.95 -0.66 0.00	32.41 0.48 0.00
RAVENSWOOD_GT2_1 24244	27.29 2.09 0.00	24.23 1.92 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.43 1.51 0.00	24.83 1.62 0.00	31.26 1.85 0.00	34.85 2.34 0.00	33.55 2.60 0.00	33.10 2.32 -4.11	36.90 2.32 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.75 2.76 -11.59	47.04 2.70 -16.25	47.42 2.95 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.68 4.66 -16.83	56.40 4.63 -2.03	49.12 3.72 0.00	44.77 2.85 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
RAVENSWOOD_GT2_2 24245	27.29 2.09 0.00	24.23 1.92 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.43 1.51 0.00	24.83 1.62 0.00	31.26 1.85 0.00	34.85 2.34 0.00	33.55 2.60 0.00	33.10 2.32 -4.11	36.90 2.32 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.75 2.76 -11.59	47.04 2.70 -16.25	47.42 2.95 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.68 4.66 -16.83	56.40 4.63 -2.03	49.12 3.72 0.00	44.77 2.85 0.00	39.17 2.56 0.00	34.33 2.27 -0.14

RAVENSWOOD_GT2_3 24246	27.32 2.12 0.00	24.25 1.94 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.85 1.65 0.00	31.26 1.85 0.00	34.88 2.37 0.00	33.55 2.60 0.00	33.13 2.35 -4.11	36.93 2.35 -8.46	40.91 2.49 -11.05	42.31 2.56 -12.17	42.75 2.76 -11.59	47.07 2.73 -16.25	47.45 2.98 -13.79	51.48 3.42 -13.85	78.69 4.55 -29.53	72.73 4.71 -16.83	56.40 4.63 -2.03	49.16 3.77 0.00	44.77 2.85 0.00	39.21 2.60 0.00	34.36 2.30 -0.14
RAVENSWOOD_GT2_4 24247	27.32 2.12 0.00	24.25 1.94 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.85 1.65 0.00	31.26 1.85 0.00	34.88 2.37 0.00	33.55 2.60 0.00	33.13 2.35 -4.11	36.93 2.35 -8.46	40.91 2.49 -11.05	42.31 2.56 -12.17	42.75 2.76 -11.59	47.07 2.73 -16.25	47.45 2.98 -13.79	51.48 3.42 -13.85	78.69 4.55 -29.53	72.73 4.71 -16.83	56.40 4.63 -2.03	49.16 3.77 0.00	44.77 2.85 0.00	39.21 2.60 0.00	34.36 2.30 -0.14
RAVENSWOOD_GT3_1 24248	27.29 2.09 0.00	24.23 1.92 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.83 1.62 0.00	31.26 1.85 0.00	34.85 2.34 0.00	33.55 2.60 0.00	33.10 2.32 -4.11	36.90 2.32 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.75 2.76 -11.59	47.07 2.73 -16.25	47.42 2.95 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.68 4.66 -16.83	56.40 4.63 -2.03	49.12 3.72 0.00	44.77 2.85 0.00	39.21 2.60 0.00	34.33 2.27 -0.14
RAVENSWOOD_GT3_2 24249	27.29 2.09 0.00	24.23 1.92 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.83 1.62 0.00	31.26 1.85 0.00	34.85 2.34 0.00	33.55 2.60 0.00	33.10 2.32 -4.11	36.90 2.32 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.75 2.76 -11.59	47.07 2.73 -16.25	47.42 2.95 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.68 4.66 -16.83	56.40 4.63 -2.03	49.12 3.72 0.00	44.77 2.85 0.00	39.21 2.60 0.00	34.33 2.27 -0.14
RAVENSWOOD_GT3_3 24250	27.34 2.14 0.00	24.28 1.96 0.00	22.79 1.73 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.29 1.88 0.00	34.92 2.41 0.00	33.62 2.66 0.00	33.16 2.37 -4.11	36.96 2.38 -8.46	40.96 2.55 -11.05	42.33 2.59 -12.17	42.81 2.81 -11.59	47.12 2.78 -16.25	47.48 3.01 -13.79	51.52 3.46 -13.85	78.74 4.60 -29.53	72.78 4.76 -16.83	56.50 4.73 -2.03	49.21 3.81 0.00	44.85 2.93 0.00	39.25 2.64 0.00	34.39 2.33 -0.14
RAVENSWOOD_GT3_4 24251	27.34 2.14 0.00	24.28 1.96 0.00	22.79 1.73 0.00	21.07 1.58 0.00	21.47 1.55 0.00	24.87 1.67 0.00	31.29 1.88 0.00	34.92 2.41 0.00	33.62 2.66 0.00	33.16 2.37 -4.11	36.96 2.38 -8.46	40.96 2.55 -11.05	42.33 2.59 -12.17	42.81 2.81 -11.59	47.12 2.78 -16.25	47.48 3.01 -13.79	51.52 3.46 -13.85	78.74 4.60 -29.53	72.78 4.76 -16.83	56.50 4.73 -2.03	49.21 3.81 0.00	44.85 2.93 0.00	39.25 2.64 0.00	34.39 2.33 -0.14
RAVENSWOOD_GT_1 23729	27.43 2.22 -0.01	24.35 2.03 -0.01	22.88 1.81 -0.01	21.16 1.66 -0.01	21.56 1.63 -0.01	24.94 1.74 0.00	31.38 1.97 0.00	34.98 2.47 0.00	33.65 2.69 0.00	33.16 2.37 -4.11	36.98 2.40 -8.46	40.96 2.55 -11.05	42.33 2.59 -12.17	42.81 2.81 -11.59	47.12 2.78 -16.25	47.48 3.01 -13.79	51.48 3.42 -13.85	78.69 4.55 -29.53	72.83 4.81 -16.83	56.50 4.73 -2.03	49.25 3.86 0.00	44.93 3.02 0.00	39.40 2.78 -0.01	34.50 2.43 -0.14
RAVENSWOOD_GT_10 24258	27.29 2.09 0.00	24.23 1.92 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.43 1.51 0.00	24.83 1.62 0.00	31.26 1.85 0.00	34.85 2.34 0.00	33.55 2.60 0.00	33.10 2.32 -4.11	36.90 2.32 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.75 2.76 -11.59	47.04 2.70 -16.25	47.42 2.95 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.68 4.66 -16.83	56.40 4.63 -2.03	49.12 3.72 0.00	44.77 2.85 0.00	39.17 2.56 0.00	34.33 2.27 -0.13
RAVENSWOOD_GT_11 24259	27.29 2.09 0.00	24.23 1.92 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.43 1.51 0.00	24.83 1.62 0.00	31.26 1.85 0.00	34.85 2.34 0.00	33.55 2.60 0.00	33.10 2.32 -4.11	36.90 2.32 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.75 2.76 -11.59	47.04 2.70 -16.25	47.42 2.95 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.68 4.66 -16.83	56.40 4.63 -2.03	49.12 3.72 0.00	44.77 2.85 0.00	39.17 2.56 0.00	34.33 2.27 -0.13
RAVENSWOOD_GT_4 24252	27.26 2.07 0.01	24.20 1.90 0.01	22.74 1.69 0.01	21.02 1.54 0.01	21.43 1.51 0.01	24.83 1.62 0.00	31.23 1.82 0.00	34.85 2.34 0.00	33.52 2.57 0.00	33.10 2.32 -4.11	36.90 2.32 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.75 2.76 -11.59	47.04 2.70 -16.25	47.42 2.95 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.63 4.61 -16.83	56.35 4.58 -2.03	49.12 3.72 0.00	44.73 2.81 0.00	39.17 2.56 0.01	34.29 2.23 -0.13
RAVENSWOOD_GT_5 24254	27.26 2.07 0.01	24.20 1.90 0.01	22.74 1.69 0.01	21.02 1.54 0.01	21.43 1.51 0.01	24.83 1.62 0.00	31.23 1.82 0.00	34.85 2.34 0.00	33.52 2.57 0.00	33.10 2.32 -4.11	36.90 2.32 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.75 2.76 -11.59	47.04 2.70 -16.25	47.42 2.95 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.63 4.61 -16.83	56.35 4.58 -2.03	49.12 3.72 0.00	44.73 2.81 0.00	39.17 2.56 0.01	34.29 2.23 -0.13
RAVENSWOOD_GT_6 24253	27.26 2.07 0.01	24.20 1.90 0.01	22.74 1.69 0.01	21.02 1.54 0.01	21.43 1.51 0.01	24.83 1.62 0.00	31.23 1.82 0.00	34.85 2.34 0.00	33.52 2.57 0.00	33.10 2.32 -4.11	36.90 2.32 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.75 2.76 -11.59	47.04 2.70 -16.25	47.42 2.95 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.63 4.61 -16.83	56.35 4.58 -2.03	49.12 3.72 0.00	44.73 2.81 0.00	39.17 2.56 0.01	34.29 2.23 -0.13
RAVENSWOOD_GT_7 24255	27.26 2.07 0.01	24.20 1.90 0.01	22.74 1.69 0.01	21.02 1.54 0.01	21.43 1.51 0.01	24.83 1.62 0.00	31.23 1.82 0.00	34.85 2.34 0.00	33.52 2.57 0.00	33.10 2.32 -4.11	36.90 2.32 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.75 2.76 -11.59	47.04 2.70 -16.25	47.42 2.95 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.63 4.61 -16.83	56.35 4.58 -2.03	49.12 3.72 0.00	44.73 2.81 0.00	39.17 2.56 0.01	34.29 2.23 -0.13
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.29 2.09 0.00	24.23 1.92 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.43 1.51 0.00	24.83 1.62 0.00	31.26 1.85 0.00	34.85 2.34 0.00	33.55 2.60 0.00	33.10 2.32 -4.11	36.90 2.32 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.75 2.76 -11.59	47.04 2.70 -16.25	47.42 2.95 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.68 4.66 -16.83	56.40 4.63 -2.03	49.12 3.72 0.00	44.77 2.85 0.00	39.17 2.56 0.00	34.33 2.27 -0.13
RAVENSWOOD_GT_9 24257	27.29 2.09 0.00	24.23 1.92 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.43 1.51 0.00	24.83 1.62 0.00	31.26 1.85 0.00	34.85 2.34 0.00	33.55 2.60 0.00	33.10 2.32 -4.11	36.90 2.32 -8.46	40.91 2.49 -11.05	42.28 2.54 -12.17	42.75 2.76 -11.59	47.04 2.70 -16.25	47.42 2.95 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.68 4.66 -16.83	56.40 4.63 -2.03	49.12 3.72 0.00	44.77 2.85 0.00	39.17 2.56 0.00	34.33 2.27 -0.13

RAVENSWOOD___1 23533	27.43 2.22 -0.01	24.35 2.03 -0.01	22.82 1.75 -0.01	21.13 1.64 -0.01	21.56 1.63 -0.01	24.94 1.74 0.00	31.35 1.94 0.00	35.18 2.67 0.00	33.77 2.82 0.00	33.29 2.51 -4.11	37.09 2.51 -8.46	41.07 2.65 -11.05	42.47 2.73 -12.17	42.83 2.84 -11.59	47.15 2.81 -16.25	47.48 3.01 -13.79	51.48 3.42 -13.85	78.70 4.55 -29.53	72.83 4.81 -16.83	56.50 4.73 -2.03	49.25 3.86 0.00	44.89 2.98 0.00	39.37 2.75 -0.01	34.50 2.43 -0.14
RAVENSWOOD___2 23534	27.40 2.19 -0.01	24.35 2.03 -0.01	22.82 1.75 -0.01	21.13 1.64 -0.01	21.54 1.61 -0.01	24.92 1.72 0.00	31.35 1.94 0.00	35.14 2.63 0.00	33.77 2.82 0.00	33.26 2.48 -4.11	37.06 2.48 -8.46	41.05 2.63 -11.05	42.47 2.73 -12.17	42.83 2.84 -11.59	47.15 2.81 -16.25	47.48 3.01 -13.79	51.48 3.42 -13.85	78.70 4.55 -29.53	72.83 4.81 -16.83	56.50 4.73 -2.03	49.25 3.86 0.00	44.89 2.98 0.00	39.37 2.75 -0.01	34.47 2.40 -0.14
RAVENSWOOD___3 23535	27.29 2.09 0.00	24.25 1.94 0.00	22.73 1.66 0.00	21.05 1.56 0.00	21.45 1.53 0.00	24.85 1.65 0.00	31.26 1.85 0.00	35.05 2.54 0.00	33.71 2.75 0.00	33.23 2.45 -4.11	37.03 2.45 -8.46	41.02 2.60 -11.05	42.45 2.70 -12.17	42.81 2.81 -11.59	47.13 2.78 -16.25	47.44 2.98 -13.79	51.45 3.39 -13.85	78.65 4.50 -29.53	72.68 4.66 -16.83	56.40 4.63 -2.03	49.16 3.77 0.00	44.77 2.85 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
RAVENSWOOD___4 23820	27.40 2.19 -0.01	24.35 2.03 -0.01	22.82 1.75 -0.01	21.13 1.64 -0.01	21.54 1.61 -0.01	24.92 1.72 0.00	31.35 1.94 0.00	35.14 2.63 0.00	33.74 2.79 0.00	33.26 2.48 -4.11	37.06 2.48 -8.46	41.05 2.63 -11.05	42.45 2.70 -12.17	42.81 2.81 -11.59	47.13 2.78 -16.25	47.44 2.98 -13.79	51.45 3.39 -13.85	78.65 4.50 -29.53	72.83 4.81 -16.83	56.50 4.73 -2.03	49.25 3.86 0.00	44.85 2.93 0.00	39.33 2.71 -0.01	34.47 2.40 -0.14
RCPL_TRUST___DRP 24196	27.29 2.09 0.00	24.23 1.92 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.43 1.51 0.00	24.85 1.65 0.00	31.26 1.85 0.00	34.88 2.37 0.00	33.59 2.63 0.00	32.73 2.40 -3.65	35.95 2.40 -7.43	39.22 2.55 -9.31	40.72 2.62 -10.52	40.99 2.84 -9.74	45.32 2.81 -14.41	46.50 3.04 -12.78	51.53 3.46 -13.86	78.81 4.64 -29.56	72.75 4.71 -16.85	56.45 4.68 -2.03	49.16 3.77 0.00	44.77 2.85 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
RED___ROCHESTER 323720	25.00 -0.20 0.00	22.33 0.02 0.00	21.17 0.11 0.00	19.51 0.02 0.00	19.86 -0.06 0.00	23.36 0.16 0.00	29.14 -0.27 0.00	32.02 -0.49 0.00	30.95 0.00 0.00	26.57 -0.11 0.00	25.99 -0.13 0.00	27.48 0.11 0.00	27.74 0.17 0.00	28.58 0.17 0.00	28.12 0.03 0.00	30.56 -0.12 0.00	33.94 -0.27 0.00	43.45 -1.16 0.00	50.06 -1.13 0.00	48.70 -1.05 0.00	45.26 -0.14 0.00	41.54 -0.38 0.00	36.39 -0.22 0.00	32.37 0.45 0.00
REGAN___SOLAR 323812	26.91 1.71 0.00	23.94 1.63 0.00	22.52 1.45 0.00	20.80 1.31 0.00	21.25 1.33 0.00	24.78 1.58 0.00	31.11 1.71 0.00	34.30 1.79 0.00	32.56 1.61 0.00	27.71 1.15 0.11	27.01 1.07 0.18	28.56 1.20 0.01	28.73 1.32 0.17	29.68 1.28 0.00	28.98 1.32 0.43	31.65 1.66 0.69	34.98 2.05 1.28	44.60 2.72 2.73	52.91 3.28 1.56	53.14 3.58 0.19	48.84 3.45 0.00	44.77 2.85 0.00	38.88 2.27 0.00	33.73 1.88 0.08
RENSSELAER___COGEN 23796	25.85 0.65 0.00	22.98 0.67 0.00	21.63 0.57 0.00	20.02 0.53 0.00	20.44 0.52 0.00	23.66 0.46 0.00	29.70 0.29 0.00	33.13 0.62 0.00	31.61 0.65 0.00	26.93 0.48 0.22	26.21 0.50 0.40	27.66 0.58 0.29	27.76 0.66 0.48	28.77 0.65 0.29	27.88 0.65 0.86	30.44 0.83 1.07	33.44 0.92 1.69	42.25 1.25 3.61	50.10 0.97 2.06	50.49 0.99 0.25	46.16 0.77 0.00	42.29 0.38 0.00	36.72 0.11 0.00	31.89 0.06 0.11
REPUBLIC_115KV_BARTNBRK 55605	28.60 3.40 0.00	25.46 3.15 0.00	23.89 2.82 0.00	21.98 2.49 0.00	22.47 2.55 0.00	26.29 3.09 0.00	33.03 3.62 0.00	36.48 3.97 0.00	34.61 3.65 0.00	29.33 2.80 0.15	28.55 2.66 0.23	30.15 2.79 0.01	30.39 3.03 0.22	31.61 3.21 0.00	30.92 3.37 0.55	33.83 4.02 0.87	37.68 5.10 1.63	46.45 5.31 3.48	55.45 6.25 1.98	55.68 6.17 0.24	51.29 5.90 0.00	46.95 5.03 0.00	40.71 4.10 0.00	35.04 3.22 0.11
REVERE_CPPR_DRP 24186	25.96 0.76 0.00	23.03 0.71 0.00	21.74 0.67 0.00	20.07 0.58 0.00	20.56 0.64 0.00	24.01 0.81 0.00	30.44 1.03 0.00	33.58 1.07 0.00	31.85 0.90 0.00	27.24 0.56 0.00	26.62 0.50 0.00	27.97 0.60 0.00	28.10 0.52 0.00	28.97 0.57 0.00	28.80 0.70 0.00	31.51 0.83 0.00	35.20 0.99 0.00	45.86 1.25 0.00	52.88 1.69 0.00	51.64 1.89 0.00	47.25 1.86 0.00	43.64 1.72 0.00	37.82 1.21 0.00	33.01 1.09 0.00
REYNLDPA_13_KV_LD 356490	24.52 -0.68 0.00	21.60 -0.71 0.00	20.50 -0.57 0.00	18.98 -0.51 0.00	19.48 -0.44 0.00	22.74 -0.46 0.00	29.06 -0.35 0.00	32.12 -0.39 0.00	30.33 -0.62 0.00	26.17 -0.51 0.00	25.57 -0.55 0.00	26.71 -0.66 0.00	26.94 -0.63 0.00	27.72 -0.68 0.00	27.48 -0.62 0.00	30.10 -0.58 0.00	33.49 -0.72 0.00	43.72 -0.89 0.00	50.63 -0.56 0.00	48.95 -0.80 0.00	44.85 -0.54 0.00	41.79 -0.13 0.00	36.76 0.15 0.00	31.99 0.06 0.00
REYNOLDS_115KV_TB3 80639	26.08 0.88 0.00	23.16 0.85 0.00	21.82 0.76 0.00	20.19 0.70 0.00	20.60 0.68 0.00	23.85 0.65 0.00	29.94 0.53 0.00	33.29 0.78 0.00	31.76 0.80 0.00	27.03 0.59 0.23	26.30 0.60 0.42	27.76 0.68 0.29	27.87 0.80 0.50	29.02 0.91 0.30	28.18 0.98 0.90	30.60 1.04 1.13	33.65 1.23 1.80	42.44 1.65 3.83	50.44 1.43 2.19	50.93 1.44 0.26	46.53 1.13 0.00	42.63 0.71 0.00	37.01 0.40 0.00	32.12 0.32 0.12
RIVERBAY____ 323610	27.73 2.52 -0.01	24.66 2.34 -0.01	23.18 2.11 -0.01	21.43 1.93 -0.01	21.84 1.91 -0.01	25.27 2.06 -0.01	31.70 2.29 0.00	35.28 2.76 0.00	33.77 2.82 0.00	32.11 2.48 -2.95	34.43 2.48 -5.83	36.62 2.63 -6.63	41.67 2.70 -11.39	42.02 2.90 -10.72	46.40 2.92 -15.38	47.13 3.13 -13.31	51.66 3.59 -13.85	78.92 4.77 -29.53	73.39 5.37 -16.83	57.10 5.32 -2.03	49.75 4.36 0.00	45.49 3.56 -0.01	39.77 3.15 -0.01	34.82 2.75 -0.14
RIVERSDE_115KV_TB3 55908	25.98 0.78 0.00	23.09 0.78 0.00	21.74 0.67 0.00	20.11 0.62 0.00	20.54 0.62 0.00	23.78 0.58 0.00	29.85 0.44 0.00	33.19 0.68 0.00	31.63 0.68 0.00	26.95 0.51 0.23	26.23 0.52 0.41	27.68 0.60 0.29	27.80 0.72 0.49	28.91 0.80 0.29	28.11 0.90 0.88	30.53 0.95 1.10	33.59 1.13 1.75	42.35 1.47 3.74	50.28 1.23 2.13	50.73 1.24 0.26	46.39 1.00 0.00	42.50 0.59 0.00	36.90 0.29 0.00	32.03 0.22 0.12
ROARING___BROOK_WT_PWR 323790	24.47 -0.73 0.00	21.64 -0.67 0.00	20.47 -0.59 0.00	19.00 -0.49 0.00	19.48 -0.44 0.00	22.74 -0.46 0.00	28.94 -0.47 0.00	32.02 -0.49 0.00	30.46 -0.50 0.00	26.25 -0.43 0.00	25.68 -0.44 0.00	26.85 -0.52 0.00	27.03 -0.55 0.00	27.78 -0.63 0.00	27.50 -0.59 0.00	30.07 -0.61 0.00	33.56 -0.65 0.00	43.86 -0.76 0.00	50.47 -0.72 0.00	49.05 -0.70 0.00	44.76 -0.64 0.00	41.42 -0.50 0.00	36.24 -0.37 0.00	31.67 -0.26 0.00

ROCHESRG_115KV_T4 355643	24.75 -0.45 0.00	22.13 -0.18 0.00	21.02 -0.04 0.00	19.33 -0.16 0.00	19.70 -0.22 0.00	23.13 -0.07 0.00	28.88 -0.53 0.00	31.70 -0.81 0.00	30.68 -0.28 0.00	26.36 -0.32 0.00	25.78 -0.34 0.00	27.20 -0.16 0.00	27.44 -0.14 0.00	28.23 -0.17 0.00	27.76 -0.34 0.00	30.13 -0.55 0.00	33.42 -0.79 0.00	42.87 -1.74 0.00	49.29 -1.89 0.00	48.05 -1.69 0.00	44.58 -0.82 0.00	40.91 -1.01 0.00	35.88 -0.73 0.00	31.93 0.00 0.00
ROCHESTER_9_IC 23652	24.90 -0.30 0.00	22.27 -0.04 0.00	21.15 0.08 0.00	19.43 -0.06 0.00	19.82 -0.10 0.00	23.27 0.07 0.00	29.06 -0.35 0.00	31.93 -0.59 0.00	30.92 -0.03 0.00	26.57 -0.11 0.00	25.96 -0.16 0.00	27.42 0.05 0.00	27.66 0.08 0.00	28.46 0.06 0.00	27.98 -0.11 0.00	30.38 -0.31 0.00	33.70 -0.51 0.00	43.19 -1.43 0.00	49.70 -1.48 0.00	48.45 -1.29 0.00	44.99 -0.41 0.00	41.29 -0.63 0.00	36.17 -0.44 0.00	32.18 0.26 0.00
ROCKVIEW_13_KV_LD 356306	27.24 2.04 0.00	24.16 1.85 0.00	22.71 1.64 0.00	21.01 1.52 0.00	21.39 1.47 0.00	24.78 1.58 0.00	31.17 1.76 0.00	34.79 2.28 0.00	33.49 2.54 0.00	29.53 2.27 -0.59	28.86 2.27 -0.47	27.46 2.46 2.38	29.61 2.54 0.51	28.52 2.76 2.64	32.88 2.75 -2.03	39.62 2.98 -5.96	51.44 3.42 -13.81	78.69 4.60 -29.48	72.73 4.71 -16.83	56.44 4.68 -2.02	49.12 3.72 0.00	44.73 2.81 0.00	39.10 2.49 0.00	34.27 2.20 -0.14
ROME____115KV_TB2 80656	25.96 0.76 0.00	23.03 0.71 0.00	21.74 0.67 0.00	20.07 0.58 0.00	20.56 0.64 0.00	24.01 0.81 0.00	30.44 1.03 0.00	33.58 1.07 0.00	31.85 0.90 0.00	27.24 0.56 0.00	26.62 0.50 0.00	27.97 0.60 0.00	28.10 0.52 0.00	28.97 0.57 0.00	28.80 0.70 0.00	31.51 0.83 0.00	35.20 0.99 0.00	45.86 1.25 0.00	52.88 1.69 0.00	51.64 1.89 0.00	47.25 1.86 0.00	43.64 1.72 0.00	37.82 1.21 0.00	33.01 1.09 0.00
ROSETON___1 23587	26.76 1.56 0.00	23.78 1.47 0.00	22.33 1.26 0.00	20.68 1.19 0.00	21.09 1.17 0.00	24.43 1.23 0.00	30.70 1.29 0.00	34.33 1.82 0.00	32.96 2.01 0.00	29.23 1.76 -0.79	29.03 1.78 -1.13	28.73 1.92 0.56	30.41 2.01 -0.82	29.85 2.13 0.69	33.11 2.08 -2.93	38.28 2.24 -5.36	47.47 2.57 -10.69	70.87 3.44 -22.82	67.64 3.43 -13.02	54.74 3.43 -1.56	48.16 2.77 0.00	43.93 2.01 0.00	38.29 1.68 0.00	33.56 1.50 -0.13
ROSETON___2 23588	26.76 1.56 0.00	23.78 1.47 0.00	22.33 1.26 0.00	20.68 1.19 0.00	21.09 1.17 0.00	24.43 1.23 0.00	30.70 1.29 0.00	34.33 1.82 0.00	32.96 2.01 0.00	29.23 1.76 -0.79	29.03 1.78 -1.13	28.73 1.92 0.56	30.41 2.01 -0.82	29.85 2.13 0.69	33.11 2.08 -2.93	38.28 2.24 -5.36	47.47 2.57 -10.69	70.87 3.44 -22.82	67.64 3.43 -13.02	54.74 3.43 -1.56	48.16 2.77 0.00	43.93 2.01 0.00	38.29 1.68 0.00	33.56 1.50 -0.13
ROTTRDAM_115KV_TB3 80664	26.13 0.93 0.00	23.20 0.89 0.00	21.84 0.78 0.00	20.21 0.72 0.00	20.64 0.72 0.00	23.97 0.77 0.00	30.17 0.76 0.00	33.42 0.91 0.00	31.85 0.90 0.00	27.23 0.69 0.14	26.58 0.68 0.22	28.09 0.74 0.01	28.17 0.80 0.21	29.29 0.88 0.00	28.47 0.90 0.52	30.90 1.04 0.83	33.93 1.27 1.54	42.93 1.61 3.29	50.90 1.59 1.88	51.16 1.64 0.23	46.85 1.45 0.00	43.01 1.09 0.00	37.45 0.84 0.00	32.54 0.70 0.09
RUSSELL___1 23602	25.00 -0.20 0.00	22.36 0.04 0.00	21.23 0.17 0.00	19.51 0.02 0.00	19.90 -0.02 0.00	23.36 0.16 0.00	29.14 -0.26 0.00	32.06 -0.46 0.00	31.08 0.12 0.00	26.70 0.03 0.00	26.09 -0.03 0.00	27.56 0.19 0.00	27.82 0.25 0.00	28.63 0.23 0.00	28.15 0.06 0.00	30.59 -0.09 0.00	33.90 -0.31 0.00	43.45 -1.16 0.00	50.01 -1.18 0.00	48.70 -1.04 0.00	45.26 -0.14 0.00	41.54 -0.38 0.00	36.39 -0.22 0.00	32.37 0.45 0.00
RUSSELL___2 23532	25.00 -0.20 0.00	22.36 0.04 0.00	21.23 0.17 0.00	19.51 0.02 0.00	19.90 -0.02 0.00	23.36 0.16 0.00	29.14 -0.26 0.00	32.06 -0.46 0.00	31.08 0.12 0.00	26.70 0.03 0.00	26.09 -0.03 0.00	27.56 0.19 0.00	27.82 0.25 0.00	28.63 0.23 0.00	28.15 0.06 0.00	30.59 -0.09 0.00	33.90 -0.31 0.00	43.45 -1.16 0.00	50.01 -1.18 0.00	48.70 -1.04 0.00	45.26 -0.14 0.00	41.54 -0.38 0.00	36.39 -0.22 0.00	32.37 0.45 0.00
RUSSELL___3 23549	25.00 -0.20 0.00	22.36 0.04 0.00	21.23 0.17 0.00	19.51 0.02 0.00	19.90 -0.02 0.00	23.36 0.16 0.00	29.14 -0.26 0.00	32.06 -0.46 0.00	31.08 0.12 0.00	26.70 0.03 0.00	26.09 -0.03 0.00	27.56 0.19 0.00	27.82 0.25 0.00	28.63 0.23 0.00	28.15 0.06 0.00	30.59 -0.09 0.00	33.90 -0.31 0.00	43.45 -1.16 0.00	50.01 -1.18 0.00	48.70 -1.04 0.00	45.26 -0.14 0.00	41.54 -0.38 0.00	36.39 -0.22 0.00	32.37 0.45 0.00
RUSSELL___4 23556	25.00 -0.20 0.00	22.36 0.04 0.00	21.23 0.17 0.00	19.51 0.02 0.00	19.90 -0.02 0.00	23.36 0.16 0.00	29.14 -0.26 0.00	32.06 -0.46 0.00	31.08 0.12 0.00	26.70 0.03 0.00	26.09 -0.03 0.00	27.56 0.19 0.00	27.82 0.25 0.00	28.63 0.23 0.00	28.15 0.06 0.00	30.59 -0.09 0.00	33.90 -0.31 0.00	43.45 -1.16 0.00	50.01 -1.18 0.00	48.70 -1.04 0.00	45.26 -0.14 0.00	41.54 -0.38 0.00	36.39 -0.22 0.00	32.37 0.45 0.00
RUSSELL___STATION 23914	25.00 -0.20 0.00	22.36 0.04 0.00	21.23 0.17 0.00	19.51 0.02 0.00	19.90 -0.02 0.00	23.36 0.16 0.00	29.14 -0.26 0.00	32.06 -0.46 0.00	31.08 0.12 0.00	26.70 0.03 0.00	26.09 -0.03 0.00	27.56 0.19 0.00	27.82 0.25 0.00	28.63 0.23 0.00	28.15 0.06 0.00	30.59 -0.09 0.00	33.90 -0.31 0.00	43.45 -1.16 0.00	50.01 -1.18 0.00	48.70 -1.04 0.00	45.26 -0.14 0.00	41.54 -0.38 0.00	36.39 -0.22 0.00	32.37 0.45 0.00
S SALMON___HYD 24043	25.02 -0.18 0.00	22.20 -0.11 0.00	20.98 -0.08 0.00	19.37 -0.12 0.00	19.82 -0.10 0.00	23.15 -0.05 0.00	29.26 -0.15 0.00	32.15 -0.36 0.00	30.55 -0.40 0.00	26.25 -0.43 0.00	25.70 -0.42 0.00	27.01 -0.36 0.00	27.19 -0.39 0.00	27.98 -0.43 0.00	27.64 -0.45 0.00	30.22 -0.46 0.00	33.70 -0.51 0.00	43.86 -0.76 0.00	50.52 -0.67 0.00	49.30 -0.45 0.00	45.12 -0.27 0.00	41.71 -0.21 0.00	36.32 -0.29 0.00	31.74 -0.19 0.00
S.PERRY__115KV_TB1 80734	25.15 -0.05 0.00	22.51 0.20 0.00	21.46 0.40 0.00	19.76 0.27 0.00	20.24 0.32 0.00	23.85 0.65 0.00	29.85 0.44 0.00	32.61 0.10 0.00	31.29 0.34 0.00	26.82 0.11 -0.04	26.15 -0.03 -0.06	27.54 0.16 0.00	27.77 0.14 -0.06	28.60 0.20 0.00	28.29 0.06 -0.14	31.00 0.09 -0.23	34.74 0.10 -0.42	43.46 -2.05 -0.90	49.76 -1.95 -0.52	48.46 -1.34 -0.06	45.26 -0.14 0.00	41.50 -0.42 0.00	36.28 -0.33 0.00	33.33 1.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.47 -0.73 0.00	22.07 -0.25 0.00	21.09 0.02 0.00	19.31 -0.18 0.00	19.70 -0.22 0.00	23.20 0.00 0.00	28.64 -0.76 0.00	31.34 -1.17 0.00	30.58 -0.37 0.00	26.28 -0.43 -0.03	25.73 -0.44 -0.05	27.15 -0.22 0.00	27.35 -0.28 -0.05	28.26 -0.14 0.00	27.77 -0.45 -0.12	30.11 -0.77 -0.20	33.51 -1.06 -0.36	42.67 -2.72 -0.78	48.77 -2.87 -0.45	47.26 -2.54 -0.05	43.94 -1.45 0.00	40.32 -1.59 0.00	35.55 -1.06 0.00	32.09 0.16 0.00

SAWYER___23_KV_LOAD 55526	24.47 -0.73 0.00	22.07 -0.25 0.00	21.09 0.02 0.00	19.31 -0.18 0.00	19.70 -0.22 0.00	23.20 0.00 0.00	28.64 -0.76 0.00	31.34 -1.17 0.00	30.58 -0.37 0.00	26.28 -0.43 -0.03	25.73 -0.44 -0.05	27.15 -0.22 0.00	27.35 -0.28 -0.05	28.26 -0.14 0.00	27.77 -0.45 -0.12	30.11 -0.77 -0.20	33.51 -1.06 -0.36	42.67 -2.72 -0.78	48.77 -2.87 -0.45	47.26 -2.54 -0.05	43.94 -1.45 0.00	40.32 -1.59 0.00	35.55 -1.06 0.00	32.09 0.16 0.00
SELKIRK___I 23801	26.01 0.81 0.00	23.11 0.80 0.00	21.78 0.72 0.00	20.15 0.66 0.00	20.58 0.66 0.00	23.85 0.65 0.00	29.94 0.53 0.00	33.23 0.71 0.00	31.63 0.68 0.00	27.08 0.51 0.10	26.46 0.50 0.15	27.85 0.49 0.01	28.01 0.58 0.15	28.97 0.57 0.00	28.37 0.65 0.37	30.86 0.77 0.59	34.04 0.92 1.10	43.57 1.29 2.34	51.03 1.18 1.33	50.83 1.24 0.16	46.44 1.04 0.00	42.67 0.76 0.00	37.12 0.51 0.00	32.35 0.48 0.06
SELKIRK___II 23799	25.93 0.73 0.00	23.05 0.74 0.00	21.70 0.63 0.00	20.09 0.60 0.00	20.50 0.58 0.00	23.76 0.56 0.00	29.85 0.44 0.00	33.26 0.75 0.00	31.73 0.77 0.00	27.08 0.61 0.21	26.37 0.63 0.38	27.75 0.66 0.27	27.87 0.74 0.46	28.90 0.77 0.28	28.08 0.79 0.81	30.58 0.89 0.99	33.67 1.03 1.57	42.66 1.38 3.34	50.46 1.18 1.91	50.76 1.24 0.23	46.35 0.95 0.00	42.55 0.63 0.00	36.98 0.37 0.00	32.21 0.35 0.07
SENECA OSWGO___HYD 24041	24.82 -0.38 0.00	22.02 -0.29 0.00	20.81 -0.25 0.00	19.22 -0.27 0.00	19.64 -0.28 0.00	22.90 -0.30 0.00	28.97 -0.44 0.00	31.83 -0.68 0.00	30.36 -0.59 0.00	26.14 -0.53 0.00	25.57 -0.55 0.00	26.88 -0.49 0.00	27.08 -0.50 0.00	27.86 -0.54 0.00	27.56 -0.53 0.00	30.04 -0.65 0.00	33.53 -0.68 0.00	43.54 -1.07 0.00	49.96 -1.23 0.00	48.70 -1.05 0.00	44.49 -0.91 0.00	40.95 -0.96 0.00	35.70 -0.91 0.00	31.23 -0.70 0.00
SENECA___115KV_TB3 355854	24.67 -0.53 0.00	22.25 -0.07 0.00	21.27 0.21 0.00	19.49 0.00 0.00	19.90 -0.02 0.00	23.43 0.23 0.00	28.97 -0.44 0.00	31.76 -0.75 0.00	30.98 0.03 0.00	26.66 -0.05 -0.03	26.10 -0.08 -0.05	27.51 0.14 0.00	27.74 0.11 -0.05	28.72 0.31 0.00	28.23 0.00 -0.13	30.61 -0.28 -0.21	34.01 -0.58 -0.38	43.29 -2.14 -0.82	49.46 -2.20 -0.48	47.96 -1.84 -0.06	44.53 -0.86 0.00	40.91 -1.01 0.00	35.99 -0.62 0.00	32.44 0.51 0.00
SENECA___ENERGY 23797	25.00 -0.20 0.00	22.22 -0.09 0.00	21.04 -0.02 0.00	19.43 -0.06 0.00	19.84 -0.08 0.00	23.27 0.07 0.00	29.38 -0.03 0.00	32.29 -0.23 0.00	30.92 -0.03 0.00	26.57 -0.11 0.00	25.96 -0.16 0.00	27.34 -0.03 0.00	27.55 -0.03 0.00	28.38 -0.03 0.00	28.04 -0.06 0.00	30.53 -0.15 0.00	34.11 -0.10 0.00	43.95 -0.67 0.00	50.58 -0.61 0.00	49.30 -0.45 0.00	45.26 -0.14 0.00	41.67 -0.25 0.00	36.36 -0.25 0.00	31.99 0.06 0.00
SHOEMAKER___GT 23640	26.56 1.36 0.00	23.58 1.27 0.00	22.16 1.09 0.00	20.50 1.01 0.00	20.91 1.00 0.00	24.27 1.07 0.00	30.53 1.12 0.00	34.04 1.53 0.00	32.66 1.70 0.00	29.67 1.49 -1.50	30.32 1.46 -2.74	31.16 1.61 -2.18	32.68 1.71 -3.39	32.41 1.79 -2.21	35.69 1.80 -5.80	39.53 1.93 -6.91	47.02 2.19 -10.62	70.27 2.99 -22.66	67.14 3.02 -12.93	54.34 3.03 -1.56	47.80 2.40 0.00	43.68 1.76 0.00	38.11 1.50 0.00	33.35 1.31 -0.12
SHOEMAKR_138KV_BK 111 55601	26.56 1.36 0.00	23.58 1.27 0.00	22.18 1.12 0.00	20.52 1.03 0.00	20.92 1.00 0.00	24.27 1.07 0.00	30.53 1.12 0.00	33.91 1.40 0.00	32.56 1.61 0.00	29.54 1.41 -1.46	30.18 1.41 -2.65	30.96 1.53 -2.06	32.44 1.60 -3.26	32.26 1.76 -2.09	35.49 1.77 -5.62	39.37 1.93 -6.75	46.92 2.26 -10.45	69.89 2.99 -22.29	66.92 3.02 -12.71	54.31 3.03 -1.53	47.80 2.41 0.00	43.68 1.76 0.00	38.11 1.50 0.00	33.35 1.31 -0.12
SHOREHAM_IC_1 23715	31.26 2.09 -3.97	24.61 2.10 -0.20	22.86 1.79 -0.01	21.47 1.97 -0.01	21.88 1.95 -0.01	25.00 1.79 -0.01	31.21 1.79 -0.01	37.63 3.06 -2.07	33.81 2.85 -0.01	35.35 2.35 -6.32	38.29 2.51 -9.66	39.26 2.33 -9.56	40.74 2.37 -10.79	44.07 2.50 -13.16	48.00 2.27 -17.63	57.90 2.48 -24.73	94.57 2.87 -57.49	120.50 3.84 -72.05	137.48 3.89 -82.40	60.05 4.08 -6.22	53.93 3.45 -5.09	49.07 2.56 -4.60	40.87 2.49 -1.77	38.78 2.49 -4.36
SHOREHAM_IC_2 23716	31.26 2.09 -3.97	24.61 2.10 -0.20	22.88 1.81 -0.01	21.47 1.97 -0.01	21.72 1.79 -0.01	24.97 1.76 -0.01	31.21 1.79 -0.01	37.47 2.89 -2.07	33.62 2.66 -0.01	35.24 2.24 -6.32	38.16 2.38 -9.66	39.12 2.19 -9.56	40.60 2.23 -10.79	43.95 2.39 -13.16	48.06 2.33 -17.63	57.84 2.42 -24.73	94.50 2.81 -57.49	120.41 3.75 -72.05	137.43 3.84 -82.40	60.00 4.03 -6.22	53.80 3.31 -5.09	49.03 2.52 -4.60	40.76 2.38 -1.77	38.71 2.43 -4.36
SISSONVILLE____ 23735	24.29 -0.91 0.00	21.38 -0.94 0.00	20.28 -0.78 0.00	18.79 -0.70 0.00	19.32 -0.60 0.00	22.57 -0.63 0.00	28.85 -0.56 0.00	31.89 -0.62 0.00	29.96 -0.99 0.00	25.77 -0.91 0.00	25.18 -0.94 0.00	26.27 -1.09 0.00	26.47 -1.10 0.00	27.24 -1.16 0.00	27.11 -0.98 0.00	29.70 -0.98 0.00	33.01 -1.20 0.00	42.65 -1.96 0.00	49.19 -2.00 0.00	47.71 -2.04 0.00	43.76 -1.63 0.00	40.91 -1.01 0.00	36.10 -0.51 0.00	31.83 -0.10 0.00
SITHE_IND_GS1 24169	24.65 -0.55 0.00	21.87 -0.45 0.00	20.66 -0.40 0.00	19.10 -0.39 0.00	19.52 -0.40 0.00	22.76 -0.44 0.00	28.76 -0.65 0.00	31.54 -0.97 0.00	30.12 -0.83 0.00	25.93 -0.75 0.00	25.39 -0.73 0.00	26.66 -0.71 0.00	26.86 -0.72 0.00	27.61 -0.80 0.00	27.31 -0.79 0.00	29.76 -0.92 0.00	33.22 -0.99 0.00	43.14 -1.47 0.00	49.45 -1.74 0.00	48.15 -1.59 0.00	44.03 -1.36 0.00	40.57 -1.34 0.00	35.40 -1.21 0.00	31.00 -0.93 0.00
SITHE_IND_GS2 24170	24.65 -0.55 0.00	21.87 -0.45 0.00	20.66 -0.40 0.00	19.10 -0.39 0.00	19.52 -0.40 0.00	22.76 -0.44 0.00	28.76 -0.65 0.00	31.54 -0.97 0.00	30.12 -0.83 0.00	25.93 -0.75 0.00	25.39 -0.73 0.00	26.66 -0.71 0.00	26.86 -0.72 0.00	27.61 -0.80 0.00	27.31 -0.79 0.00	29.76 -0.92 0.00	33.22 -0.99 0.00	43.14 -1.47 0.00	49.45 -1.74 0.00	48.15 -1.59 0.00	44.03 -1.36 0.00	40.57 -1.34 0.00	35.40 -1.21 0.00	31.00 -0.93 0.00
SITHE_IND_GS3 24171	24.65 -0.55 0.00	21.87 -0.45 0.00	20.66 -0.40 0.00	19.10 -0.39 0.00	19.52 -0.40 0.00	22.76 -0.44 0.00	28.76 -0.65 0.00	31.54 -0.97 0.00	30.12 -0.83 0.00	25.93 -0.75 0.00	25.39 -0.73 0.00	26.66 -0.71 0.00	26.86 -0.72 0.00	27.61 -0.80 0.00	27.31 -0.79 0.00	29.76 -0.92 0.00	33.22 -0.99 0.00	43.14 -1.47 0.00	49.45 -1.74 0.00	48.15 -1.59 0.00	44.03 -1.36 0.00	40.57 -1.34 0.00	35.40 -1.21 0.00	31.00 -0.93 0.00
SITHE_IND_GS4 24172	24.65 -0.55 0.00	21.87 -0.45 0.00	20.66 -0.40 0.00	19.10 -0.39 0.00	19.52 -0.40 0.00	22.76 -0.44 0.00	28.76 -0.65 0.00	31.54 -0.97 0.00	30.12 -0.83 0.00	25.93 -0.75 0.00	25.39 -0.73 0.00	26.66 -0.71 0.00	26.86 -0.72 0.00	27.61 -0.80 0.00	27.31 -0.79 0.00	29.76 -0.92 0.00	33.22 -0.99 0.00	43.14 -1.47 0.00	49.45 -1.74 0.00	48.15 -1.59 0.00	44.03 -1.36 0.00	40.57 -1.34 0.00	35.40 -1.21 0.00	31.00 -0.93 0.00

SITHE___BATAVIA 24024	24.90 -0.30 0.00	22.31 0.00 0.00	21.23 0.17 0.00	19.57 0.08 0.00	19.90 -0.02 0.00	23.50 0.30 0.00	29.09 -0.32 0.00	32.09 -0.42 0.00	31.08 0.12 0.00	26.63 -0.08 -0.03	26.01 -0.16 -0.05	27.48 0.11 0.00	27.76 0.14 -0.04	28.61 0.20 0.00	28.18 -0.03 -0.11	30.61 -0.25 -0.17	34.12 -0.41 -0.32	43.60 -1.70 -0.69	50.00 -1.59 -0.40	48.60 -1.19 -0.05	45.39 0.00 0.00	41.67 -0.25 0.00	36.61 0.00 0.00	32.82 0.89 0.00
SITHE___INDEPEND 23800	24.65 -0.55 0.00	21.89 -0.42 0.00	20.69 -0.38 0.00	19.10 -0.39 0.00	19.52 -0.40 0.00	22.76 -0.44 0.00	28.76 -0.65 0.00	31.70 -0.81 0.00	30.27 -0.68 0.00	26.06 -0.61 0.00	25.52 -0.60 0.00	26.79 -0.57 0.00	27.00 -0.58 0.00	27.69 -0.71 0.00	27.31 -0.79 0.00	29.79 -0.89 0.00	33.22 -0.99 0.00	43.14 -1.47 0.00	49.45 -1.74 0.00	48.15 -1.59 0.00	44.03 -1.36 0.00	40.58 -1.34 0.00	35.40 -1.21 0.00	31.00 -0.93 0.00
SITHE___MASSENA 23902	24.49 -0.71 0.00	21.58 -0.74 0.00	20.47 -0.59 0.00	18.96 -0.53 0.00	19.46 -0.46 0.00	22.71 -0.49 0.00	29.03 -0.38 0.00	32.09 -0.42 0.00	30.27 -0.68 0.00	26.11 -0.56 0.00	25.55 -0.57 0.00	26.66 -0.71 0.00	26.86 -0.72 0.00	27.64 -0.77 0.00	27.39 -0.70 0.00	30.04 -0.65 0.00	33.43 -0.79 0.00	43.59 -1.02 0.00	50.47 -0.72 0.00	48.85 -0.89 0.00	44.76 -0.64 0.00	41.71 -0.21 0.00	36.68 0.07 0.00	31.96 0.03 0.00
SITHE___OGDNSBRG 24021	24.67 -0.53 0.00	21.73 -0.58 0.00	20.62 -0.44 0.00	19.10 -0.39 0.00	19.66 -0.26 0.00	22.97 -0.23 0.00	29.44 0.03 0.00	32.45 -0.07 0.00	30.37 -0.59 0.00	26.09 -0.59 0.00	25.47 -0.65 0.00	26.55 -0.82 0.00	26.78 -0.80 0.00	27.55 -0.85 0.00	27.45 -0.65 0.00	30.10 -0.58 0.00	33.49 -0.72 0.00	43.72 -0.89 0.00	50.88 -0.31 0.00	49.35 -0.40 0.00	45.35 -0.05 0.00	42.46 0.54 0.00	37.27 0.66 0.00	32.50 0.57 0.00
SITHE___STERLING 23777	25.83 0.63 0.00	22.92 0.60 0.00	21.63 0.57 0.00	19.98 0.49 0.00	20.46 0.54 0.00	23.87 0.67 0.00	30.23 0.82 0.00	33.36 0.84 0.00	31.70 0.74 0.00	27.16 0.48 0.00	26.56 0.44 0.00	27.89 0.52 0.00	28.05 0.47 0.00	28.92 0.51 0.00	28.66 0.56 0.00	31.36 0.67 0.00	35.07 0.86 0.00	45.64 1.03 0.00	52.52 1.33 0.00	51.24 1.49 0.00	46.85 1.45 0.00	43.22 1.30 0.00	37.53 0.92 0.00	32.79 0.86 0.00
SLEIGHT__34_KV_TB1 80719	24.80 -0.40 0.00	22.11 -0.20 0.00	20.96 -0.11 0.00	19.29 -0.19 0.00	19.68 -0.24 0.00	23.09 -0.12 0.00	29.00 -0.41 0.00	31.93 -0.59 0.00	30.77 -0.19 0.00	26.44 -0.24 0.00	25.83 -0.29 0.00	27.26 -0.11 0.00	27.47 -0.11 0.00	28.26 -0.14 0.00	27.84 -0.25 0.00	30.25 -0.43 0.00	33.63 -0.58 0.00	43.32 -1.29 0.00	49.86 -1.33 0.00	48.55 -1.19 0.00	44.80 -0.59 0.00	41.16 -0.75 0.00	35.99 -0.62 0.00	31.80 -0.13 0.00
SMITHTWN_69_KV_BK 1 55830	31.66 2.47 -3.99	24.88 2.37 -0.20	23.18 2.11 -0.01	21.54 2.05 -0.01	21.88 1.95 -0.01	25.30 2.09 -0.01	31.68 2.26 -0.01	37.65 3.06 -2.08	34.09 3.13 -0.01	35.70 2.67 -6.36	38.64 2.79 -9.73	39.68 2.65 -9.66	41.10 2.65 -10.88	44.47 2.78 -13.28	48.59 2.73 -17.77	55.10 2.73 -21.69	116.23 3.15 -78.87	141.97 4.19 -93.16	173.39 4.30 -117.90	60.51 4.38 -6.39	55.93 3.68 -6.86	47.91 2.89 -3.10	41.31 2.86 -1.84	39.18 2.81 -4.45
SOUTH CAIRO___GT 23612	26.54 1.34 0.00	23.56 1.25 0.00	22.18 1.12 0.00	20.48 0.99 0.00	20.94 1.02 0.00	24.31 1.11 0.00	30.53 1.12 0.00	33.81 1.30 0.00	32.13 1.18 0.00	27.63 0.91 -0.04	27.02 0.84 -0.07	27.92 0.55 0.00	28.74 1.10 -0.07	29.23 0.82 0.00	29.69 1.43 -0.16	32.54 1.60 -0.26	36.61 1.92 -0.49	48.28 2.63 -1.04	54.75 2.97 -0.59	52.85 3.03 -0.07	47.94 2.54 0.00	43.93 2.01 0.00	38.04 1.43 0.00	33.11 1.21 0.04
SOUTH HAMPTN___IC 23720	31.61 2.44 -3.97	24.93 2.41 -0.20	23.14 2.07 -0.01	21.66 2.16 -0.01	22.08 2.15 -0.01	25.27 2.06 -0.01	31.59 2.18 -0.01	38.02 3.44 -2.07	34.31 3.34 -0.01	35.84 2.86 -6.31	38.77 3.00 -9.65	39.87 2.96 -9.54	41.41 3.06 -10.77	44.80 3.27 -13.13	48.75 3.06 -17.59	58.39 3.31 -24.40	93.86 3.80 -55.85	120.09 5.04 -70.44	136.16 5.22 -79.75	61.19 5.27 -6.17	54.92 4.58 -4.94	50.02 3.61 -4.50	41.72 3.37 -1.75	39.55 3.29 -4.33
SOUTHDOW_115KV_TB1 355954	24.62 -0.58 0.00	22.29 -0.02 0.00	21.40 0.34 0.00	19.74 0.25 0.00	20.30 0.38 0.00	23.99 0.79 0.00	29.79 0.38 0.00	32.77 0.26 0.00	31.98 1.02 0.00	27.51 0.80 -0.04	26.96 0.78 -0.06	28.36 0.99 0.00	28.57 0.94 -0.06	29.60 1.19 0.00	29.11 0.87 -0.14	31.61 0.71 -0.23	35.25 0.62 -0.42	44.62 -0.89 -0.90	51.00 -0.72 -0.53	49.46 -0.35 -0.06	45.85 0.45 0.00	42.13 0.21 0.00	36.87 0.26 0.00	33.24 1.31 0.00
SOUTHOLD_69_KV_BK 2 55809	31.66 2.49 -3.97	24.95 2.43 -0.20	23.18 2.11 -0.01	21.66 2.16 -0.01	21.94 2.01 -0.01	25.25 2.04 -0.01	31.59 2.18 -0.01	37.86 3.28 -2.07	34.18 3.22 -0.01	35.82 2.83 -6.31	38.69 2.93 -9.65	39.87 2.96 -9.54	41.38 3.03 -10.77	44.83 3.29 -13.13	49.00 3.32 -17.59	58.51 3.41 -24.42	93.97 3.90 -55.86	120.33 5.26 -70.45	136.33 5.37 -79.77	61.34 5.42 -6.17	55.06 4.72 -4.94	50.28 3.86 -4.51	41.91 3.55 -1.75	39.80 3.54 -4.33
SOUTHOLD___IC 23719	31.66 2.50 -3.97	24.95 2.43 -0.20	23.14 2.07 -0.01	21.66 2.16 -0.01	22.08 2.15 -0.01	25.25 2.04 -0.01	31.59 2.18 -0.01	38.02 3.44 -2.07	34.37 3.40 -0.01	35.92 2.93 -6.31	38.82 3.05 -9.65	40.00 3.09 -9.54	41.54 3.20 -10.77	44.95 3.41 -13.13	48.95 3.26 -17.59	58.57 3.47 -24.42	94.04 3.97 -55.86	120.42 5.35 -70.45	136.44 5.48 -79.77	61.39 5.47 -6.17	55.20 4.86 -4.94	50.37 3.94 -4.51	42.02 3.66 -1.75	39.90 3.64 -4.33
SOUTH_FORK_WT_PWR 323839	31.46 2.29 -3.97	24.77 2.25 -0.20	22.97 1.90 -0.01	21.51 2.01 -0.01	21.92 1.99 -0.01	25.07 1.86 -0.01	31.36 1.94 -0.01	37.76 3.19 -2.07	34.12 3.16 -0.01	35.74 2.75 -6.31	38.59 2.82 -9.65	39.76 2.85 -9.54	41.30 2.95 -10.77	44.72 3.18 -13.13	48.72 3.04 -17.59	58.28 3.19 -24.41	93.73 3.66 -55.86	120.01 4.95 -70.45	135.86 4.91 -79.76	60.84 4.93 -6.17	54.79 4.45 -4.94	50.07 3.64 -4.51	41.80 3.44 -1.75	39.83 3.58 -4.33
SPIERFLS_115KV_TB 1 80737	27.06 1.86 0.00	24.05 1.74 0.00	22.60 1.54 0.00	20.87 1.38 0.00	21.31 1.39 0.00	24.83 1.62 0.00	31.20 1.79 0.00	34.56 2.05 0.00	32.87 1.92 0.00	28.00 1.47 0.15	27.33 1.44 0.23	28.70 1.34 0.01	28.85 1.49 0.22	30.00 1.59 0.00	29.20 1.66 0.55	31.77 1.96 0.87	35.25 2.67 1.63	43.46 2.32 3.48	51.82 2.61 1.98	52.09 2.59 0.24	47.80 2.41 0.00	43.76 1.84 0.00	38.07 1.46 0.00	32.93 1.12 0.11
ST LAWRENCE____ 23600	24.39 -0.81 0.00	21.49 -0.83 0.00	20.37 -0.69 0.00	18.87 -0.62 0.00	19.34 -0.58 0.00	22.58 -0.63 0.00	28.85 -0.56 0.00	31.89 -0.62 0.00	30.15 -0.80 0.00	26.04 -0.64 0.00	25.47 -0.65 0.00	26.57 -0.79 0.00	26.75 -0.83 0.00	27.55 -0.85 0.00	27.28 -0.82 0.00	29.86 -0.83 0.00	33.25 -0.96 0.00	43.45 -1.16 0.00	50.21 -0.97 0.00	48.65 -1.09 0.00	44.49 -0.91 0.00	41.46 -0.46 0.00	36.39 -0.22 0.00	31.67 -0.26 0.00

STATE_CA_115KV_115_LB 55624	25.98 0.78 0.00	23.09 0.78 0.00	21.74 0.67 0.00	20.11 0.62 0.00	20.52 0.60 0.00	23.78 0.58 0.00	29.85 0.44 0.00	33.19 0.68 0.00	31.63 0.68 0.00	26.96 0.51 0.22	26.24 0.52 0.40	27.69 0.60 0.28	27.81 0.72 0.48	28.92 0.80 0.28	28.16 0.93 0.86	30.59 0.98 1.07	33.67 1.16 1.71	42.45 1.47 3.64	50.39 1.28 2.08	50.79 1.29 0.25	46.44 1.04 0.00	42.55 0.63 0.00	36.94 0.33 0.00	32.07 0.26 0.11
STATE_ST_34_KV_LOAD 55959	25.25 0.05 0.00	22.42 0.11 0.00	21.21 0.15 0.00	19.57 0.08 0.00	20.00 0.08 0.00	23.39 0.19 0.00	29.58 0.18 0.00	32.61 0.10 0.00	31.20 0.25 0.00	26.81 0.13 0.00	26.22 0.10 0.00	27.62 0.25 0.00	27.80 0.22 0.00	28.58 0.17 0.00	28.21 0.11 0.00	30.74 0.06 0.00	34.31 0.10 0.00	44.44 -0.18 0.00	51.09 -0.10 0.00	49.80 0.05 0.00	45.62 0.23 0.00	41.96 0.04 0.00	36.57 -0.04 0.00	32.06 0.13 0.00
STATION_5_MISC_HYD 23604	24.90 -0.30 0.00	22.25 -0.07 0.00	21.09 0.02 0.00	19.43 -0.06 0.00	19.80 -0.12 0.00	23.27 0.07 0.00	29.06 -0.35 0.00	31.89 -0.62 0.00	30.80 -0.15 0.00	26.46 -0.21 0.00	25.86 -0.26 0.00	27.31 -0.05 0.00	27.58 0.00 0.00	28.40 0.00 0.00	27.96 -0.14 0.00	30.38 -0.31 0.00	33.73 -0.48 0.00	43.19 -1.43 0.00	49.76 -1.43 0.00	48.45 -1.29 0.00	44.94 -0.45 0.00	41.29 -0.63 0.00	36.21 -0.40 0.00	32.18 0.25 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.90 -0.30 0.00	22.20 -0.11 0.00	21.06 0.00 0.00	19.39 -0.10 0.00	19.80 -0.12 0.00	23.22 0.02 0.00	29.14 -0.26 0.00	32.09 -0.42 0.00	30.92 -0.03 0.00	26.57 -0.11 0.00	25.96 -0.16 0.00	27.40 0.03 0.00	27.58 0.00 0.00	28.38 -0.03 0.00	27.96 -0.14 0.00	30.41 -0.28 0.00	33.80 -0.41 0.00	43.50 -1.12 0.00	50.01 -1.18 0.00	48.75 -0.99 0.00	45.03 -0.36 0.00	41.41 -0.50 0.00	36.21 -0.40 0.00	32.02 0.10 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	24.75 -0.45 0.00	22.11 -0.20 0.00	21.00 -0.06 0.00	19.29 -0.19 0.00	19.68 -0.24 0.00	23.11 -0.09 0.00	28.88 -0.53 0.00	31.73 -0.78 0.00	30.74 -0.22 0.00	26.41 -0.27 0.00	25.81 -0.31 0.00	27.26 -0.11 0.00	27.49 -0.08 0.00	28.29 -0.11 0.00	27.81 -0.28 0.00	30.22 -0.46 0.00	33.53 -0.68 0.00	43.01 -1.61 0.00	49.50 -1.69 0.00	48.20 -1.54 0.00	44.71 -0.68 0.00	41.04 -0.88 0.00	35.95 -0.66 0.00	31.93 0.00 0.00
STA_56___34_KV_BUS2 355983	24.75 -0.45 0.00	22.11 -0.20 0.00	21.00 -0.06 0.00	19.29 -0.19 0.00	19.68 -0.24 0.00	23.11 -0.09 0.00	28.88 -0.53 0.00	31.73 -0.78 0.00	30.74 -0.22 0.00	26.41 -0.27 0.00	25.81 -0.31 0.00	27.26 -0.11 0.00	27.49 -0.08 0.00	28.29 -0.11 0.00	27.81 -0.28 0.00	30.22 -0.46 0.00	33.53 -0.68 0.00	43.01 -1.61 0.00	49.50 -1.69 0.00	48.20 -1.54 0.00	44.71 -0.68 0.00	41.04 -0.88 0.00	35.95 -0.66 0.00	31.93 0.00 0.00
STA_67___115KV_BK2 355882	24.87 -0.33 0.00	22.22 -0.09 0.00	21.11 0.04 0.00	19.41 -0.08 0.00	19.78 -0.14 0.00	23.22 0.02 0.00	29.00 -0.41 0.00	31.86 -0.65 0.00	30.86 -0.09 0.00	26.52 -0.16 0.00	25.91 -0.21 0.00	27.37 0.00 0.00	27.60 0.03 0.00	28.40 0.00 0.00	27.93 -0.17 0.00	30.31 -0.37 0.00	33.63 -0.58 0.00	43.10 -1.52 0.00	49.60 -1.59 0.00	48.30 -1.44 0.00	44.85 -0.54 0.00	41.16 -0.75 0.00	36.10 -0.51 0.00	32.12 0.19 0.00
STA_7___115KV_9TRANS 80674	25.00 -0.20 0.00	22.36 0.04 0.00	21.23 0.17 0.00	19.51 0.02 0.00	19.90 -0.02 0.00	23.36 0.16 0.00	29.14 -0.26 0.00	32.06 -0.46 0.00	31.08 0.12 0.00	26.70 0.03 0.00	26.09 -0.03 0.00	27.56 0.19 0.00	27.82 0.25 0.00	28.63 0.23 0.00	28.15 0.06 0.00	30.59 -0.09 0.00	33.90 -0.31 0.00	43.45 -1.16 0.00	50.01 -1.18 0.00	48.70 -1.04 0.00	45.26 -0.14 0.00	41.54 -0.38 0.00	36.39 -0.22 0.00	32.37 0.45 0.00
STA_82___115KV_TB1 80780	24.85 -0.35 0.00	22.22 -0.09 0.00	21.11 0.04 0.00	19.39 -0.10 0.00	19.78 -0.14 0.00	23.20 0.00 0.00	28.97 -0.44 0.00	31.83 -0.68 0.00	30.83 -0.12 0.00	26.49 -0.19 0.00	25.88 -0.24 0.00	27.34 -0.03 0.00	27.55 -0.03 0.00	28.38 -0.03 0.00	27.90 -0.20 0.00	30.28 -0.40 0.00	33.60 -0.62 0.00	43.05 -1.56 0.00	49.55 -1.64 0.00	48.25 -1.49 0.00	44.80 -0.59 0.00	41.12 -0.80 0.00	36.06 -0.55 0.00	32.09 0.16 0.00
STEEL___WIND 323596	24.65 -0.55 0.00	22.16 -0.16 0.00	21.15 0.08 0.00	19.47 -0.02 0.00	19.82 -0.10 0.00	23.41 0.21 0.00	28.94 -0.47 0.00	31.80 -0.72 0.00	30.89 -0.06 0.00	26.52 -0.19 -0.03	25.99 -0.18 -0.05	27.40 0.03 0.00	27.68 0.06 -0.05	28.63 0.23 0.00	28.17 -0.06 -0.13	30.58 -0.31 -0.21	34.05 -0.55 -0.38	43.25 -2.19 -0.82	49.47 -2.20 -0.48	47.96 -1.84 -0.06	44.44 -0.96 0.00	40.87 -1.05 0.00	35.99 -0.62 0.00	32.41 0.48 0.00
STEPHTWN_115KV_BK_2 55603	26.11 0.91 0.00	23.18 0.87 0.00	21.82 0.76 0.00	20.17 0.68 0.00	20.60 0.68 0.00	23.90 0.70 0.00	30.00 0.59 0.00	33.36 0.85 0.00	31.79 0.84 0.00	27.07 0.61 0.22	26.32 0.60 0.40	27.79 0.71 0.29	27.92 0.83 0.48	29.03 0.91 0.29	28.28 1.04 0.86	30.75 1.14 1.07	33.89 1.37 1.69	42.74 1.74 3.61	50.77 1.64 2.06	51.09 1.59 0.25	46.71 1.32 0.00	42.80 0.88 0.00	37.12 0.51 0.00	32.24 0.42 0.11
STEUBEN_REC_LFGE 323667	24.22 -0.98 0.00	21.69 -0.62 0.00	20.81 -0.25 0.00	19.24 -0.25 0.00	19.82 -0.10 0.00	23.48 0.28 0.00	29.53 0.12 0.00	32.32 -0.20 0.00	31.14 0.19 0.00	26.78 0.05 -0.05	26.20 0.00 -0.08	27.59 0.22 0.00	27.79 0.14 -0.07	28.69 0.28 0.00	28.42 0.14 -0.19	31.04 0.06 -0.30	34.97 0.21 -0.55	44.95 -0.85 -1.18	51.40 -0.46 -0.67	49.83 0.00 -0.08	46.03 0.64 0.00	42.29 0.38 0.00	36.98 0.37 0.00	33.11 1.18 0.00
STILLWATER___SOLAR 323814	26.71 1.51 0.00	23.74 1.43 0.00	22.31 1.24 0.00	20.64 1.15 0.00	21.07 1.15 0.00	24.48 1.28 0.00	30.73 1.32 0.00	34.17 1.66 0.00	32.50 1.55 0.00	27.63 1.17 0.22	26.85 1.12 0.39	28.30 1.20 0.27	28.44 1.32 0.46	29.50 1.36 0.27	28.64 1.38 0.84	31.26 1.63 1.05	34.55 2.02 1.68	43.40 2.36 3.58	51.71 2.56 2.04	52.09 2.59 0.25	47.71 2.31 0.00	43.72 1.80 0.00	37.97 1.36 0.00	32.95 1.15 0.12
STONY___BROOK 24151	31.65 2.47 -3.98	24.91 2.39 -0.20	23.14 2.07 -0.01	21.56 2.06 -0.01	21.98 2.05 -0.01	25.30 2.09 -0.01	31.68 2.26 -0.01	37.84 3.25 -2.07	34.24 3.28 -0.01	35.79 2.77 -6.35	38.75 2.92 -9.70	39.70 2.71 -9.62	41.15 2.73 -10.84	44.48 2.84 -13.23	48.43 2.61 -17.72	57.50 2.76 -24.06	103.69 3.04 -66.44	129.56 4.06 -80.88	152.47 4.10 -97.19	60.26 4.18 -6.33	54.87 3.63 -5.85	48.97 2.85 -4.20	41.28 2.86 -1.82	39.18 2.84 -4.41
STURGEON_POOL_HYD 23609	27.04 1.84 0.00	24.01 1.70 0.00	22.56 1.50 0.00	20.85 1.36 0.00	21.27 1.35 0.00	24.64 1.44 0.00	30.97 1.56 0.00	34.49 1.98 0.00	33.18 2.23 0.00	29.27 2.03 -0.57	29.03 2.01 -0.90	29.50 2.08 -0.05	30.77 2.34 -0.85	30.82 2.41 0.00	32.82 2.58 -2.14	36.90 2.82 -3.40	43.76 3.22 -6.34	62.46 4.33 -13.52	63.36 4.45 -7.71	55.10 4.43 -0.93	48.84 3.45 0.00	44.52 2.60 0.00	38.81 2.20 0.00	33.97 1.95 -0.09

ST_LAW_115_BK7_LBMP 345037	24.32 -0.88 0.00	21.40 -0.92 0.00	20.31 -0.76 0.00	18.81 -0.68 0.00	19.28 -0.64 0.00	22.51 -0.70 0.00	28.79 -0.62 0.00	31.83 -0.68 0.00	30.06 -0.90 0.00	25.96 -0.72 0.00	25.39 -0.73 0.00	26.49 -0.88 0.00	26.67 -0.91 0.00	27.47 -0.94 0.00	27.20 -0.90 0.00	29.79 -0.89 0.00	33.15 -1.06 0.00	43.32 -1.30 0.00	50.11 -1.08 0.00	48.55 -1.19 0.00	44.39 -1.00 0.00	41.42 -0.50 0.00	36.36 -0.25 0.00	31.64 -0.29 0.00
ST_LAW_115_BK8_LBMP 345038	24.32 -0.88 0.00	21.40 -0.92 0.00	20.31 -0.76 0.00	18.81 -0.68 0.00	19.28 -0.64 0.00	22.51 -0.70 0.00	28.79 -0.62 0.00	31.83 -0.68 0.00	30.06 -0.90 0.00	25.96 -0.72 0.00	25.39 -0.73 0.00	26.49 -0.88 0.00	26.67 -0.91 0.00	27.47 -0.94 0.00	27.20 -0.90 0.00	29.79 -0.89 0.00	33.15 -1.06 0.00	43.32 -1.30 0.00	50.11 -1.08 0.00	48.55 -1.19 0.00	44.39 -1.00 0.00	41.42 -0.50 0.00	36.36 -0.25 0.00	31.64 -0.29 0.00
ST_LAW_230_BK5_LBMP 345035	24.39 -0.81 0.00	21.49 -0.83 0.00	20.37 -0.69 0.00	18.87 -0.62 0.00	19.34 -0.58 0.00	22.58 -0.63 0.00	28.85 -0.56 0.00	31.89 -0.62 0.00	30.15 -0.80 0.00	26.04 -0.64 0.00	25.47 -0.65 0.00	26.57 -0.79 0.00	26.75 -0.83 0.00	27.55 -0.85 0.00	27.28 -0.82 0.00	29.86 -0.83 0.00	33.25 -0.96 0.00	43.45 -1.16 0.00	50.21 -0.97 0.00	48.65 -1.09 0.00	44.49 -0.91 0.00	41.46 -0.46 0.00	36.39 -0.22 0.00	31.67 -0.26 0.00
ST_LAW_230_BK6_LBMP 345036	24.39 -0.81 0.00	21.49 -0.83 0.00	20.37 -0.69 0.00	18.87 -0.62 0.00	19.34 -0.58 0.00	22.58 -0.63 0.00	28.85 -0.56 0.00	31.89 -0.62 0.00	30.15 -0.80 0.00	26.04 -0.64 0.00	25.47 -0.65 0.00	26.57 -0.79 0.00	26.75 -0.83 0.00	27.55 -0.85 0.00	27.28 -0.82 0.00	29.86 -0.83 0.00	33.25 -0.96 0.00	43.45 -1.16 0.00	50.21 -0.97 0.00	48.65 -1.09 0.00	44.49 -0.91 0.00	41.46 -0.46 0.00	36.39 -0.22 0.00	31.67 -0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.74 1.54 0.00	23.74 1.43 0.00	22.31 1.24 0.00	20.64 1.15 0.00	21.03 1.12 0.00	24.38 1.18 0.00	30.67 1.26 0.00	34.10 1.59 0.00	32.78 1.83 -1.65	29.95 1.63 -3.05	30.81 1.65 -2.55	31.70 1.78 -2.55	33.27 1.88 -3.82	33.09 2.07 -2.61	36.54 2.05 -6.39	40.37 2.24 -7.44	48.02 2.60 -11.21	72.01 3.48 -23.91	68.36 3.53 -13.64	54.87 3.48 -1.64	48.16 2.77 0.00	43.97 2.05 0.00	38.33 1.72 0.00	33.58 1.53 -0.12
SWANROAD_115KV_TB1 355699	24.07 -1.13 0.00	21.71 -0.60 0.00	20.75 -0.32 0.00	18.98 -0.51 0.00	19.36 -0.56 0.00	22.81 -0.39 0.00	28.03 -1.38 0.00	30.63 -1.89 0.00	29.87 -1.08 0.00	25.67 -1.04 -0.04	25.10 -1.07 -0.05	26.50 -0.88 -0.01	26.72 -0.91 -0.05	27.59 -0.82 0.00	27.07 -1.15 -0.12	29.31 -1.56 -0.19	32.65 -1.92 -0.36	41.54 -3.84 -0.76	47.53 -3.43 -0.44	46.37 -3.43 -0.05	43.17 -2.22 0.00	39.65 -2.26 0.00	35.00 -1.61 0.00	31.64 -0.29 0.00
SYNERGY___BIOGAS 323694	24.90 -0.30 0.00	22.38 0.07 0.00	21.34 0.27 0.00	19.57 0.08 0.00	19.96 0.04 0.00	23.50 0.30 0.00	29.09 -0.32 0.00	32.06 -0.46 0.00	31.17 0.22 0.00	26.73 0.03 -0.03	26.11 -0.05 -0.05	27.56 0.19 0.00	27.84 0.22 -0.04	28.69 0.28 0.00	28.23 0.03 -0.11	30.61 -0.25 -0.17	34.05 -0.48 -0.32	43.60 -1.70 -0.69	50.00 -1.59 -0.40	48.60 -1.19 -0.05	45.44 0.05 0.00	41.62 -0.29 0.00	36.57 -0.04 0.00	32.82 0.89 0.00
SYRACUSE___ENERGY_ST1 323597	25.20 0.00 0.00	22.38 0.07 0.00	21.15 0.08 0.00	19.51 0.02 0.00	19.94 0.02 0.00	23.27 0.07 0.00	29.44 0.03 0.00	32.48 -0.03 0.00	31.02 0.06 0.00	26.70 0.03 0.00	26.12 0.00 0.00	27.48 0.11 0.00	27.66 0.08 0.00	28.43 0.03 0.00	28.07 -0.03 0.00	30.59 -0.09 0.00	34.11 -0.10 0.00	44.26 -0.36 0.00	50.83 -0.36 0.00	49.50 -0.25 0.00	45.26 -0.14 0.00	41.62 -0.29 0.00	36.32 -0.29 0.00	31.77 -0.16 0.00
SYRACUSE___ENERGY_ST2 323598	25.20 0.00 0.00	22.38 0.07 0.00	21.15 0.08 0.00	19.51 0.02 0.00	19.94 0.02 0.00	23.27 0.07 0.00	29.44 0.03 0.00	32.48 -0.03 0.00	31.02 0.06 0.00	26.70 0.03 0.00	26.12 0.00 0.00	27.48 0.11 0.00	27.66 0.08 0.00	28.43 0.03 0.00	28.07 -0.03 0.00	30.59 -0.09 0.00	34.11 -0.10 0.00	44.26 -0.36 0.00	50.83 -0.36 0.00	49.50 -0.25 0.00	45.26 -0.14 0.00	41.62 -0.29 0.00	36.32 -0.29 0.00	31.77 -0.16 0.00
SYRACUSE___POWER 24017	25.28 0.08 0.00	22.42 0.11 0.00	21.21 0.15 0.00	19.57 0.08 0.00	20.00 0.08 0.00	23.32 0.12 0.00	29.50 0.09 0.00	32.58 0.07 0.00	31.11 0.15 0.00	26.78 0.11 0.00	26.20 0.08 0.00	27.56 0.19 0.00	27.77 0.19 0.00	28.55 0.14 0.00	28.18 0.08 0.00	30.74 0.06 0.00	34.28 0.07 0.00	44.48 -0.13 0.00	51.04 -0.15 0.00	49.75 0.00 0.00	45.48 0.09 0.00	41.79 -0.13 0.00	36.43 -0.18 0.00	31.90 -0.03 0.00
TALLMAN_138KV_BK151 55660	26.94 1.74 0.00	23.92 1.61 0.00	22.48 1.41 0.00	20.80 1.31 0.00	21.19 1.27 0.00	24.55 1.35 0.00	30.88 1.47 0.00	34.36 1.85 0.00	33.06 2.10 0.00	30.62 1.92 -2.03	31.85 1.91 -3.82	33.01 2.08 -3.56	34.66 2.15 -4.93	34.43 2.36 -3.66	38.31 2.33 -7.88	41.94 2.55 -8.71	49.64 2.94 -12.49	75.19 3.93 -26.65	70.33 3.94 -15.20	55.51 3.93 -1.83	48.53 3.13 0.00	44.22 2.31 0.00	38.62 2.01 0.00	33.84 1.79 -0.13
TEALLAVE_115KV_TB7 355573	25.23 0.03 0.00	22.40 0.09 0.00	21.17 0.11 0.00	19.53 0.04 0.00	19.96 0.04 0.00	23.29 0.09 0.00	29.47 0.06 0.00	32.51 0.00 0.00	31.08 0.12 0.00	26.73 0.05 0.00	26.17 0.05 0.00	27.53 0.16 0.00	27.71 0.14 0.00	28.49 0.09 0.00	28.12 0.03 0.00	30.68 0.00 0.00	34.21 0.00 0.00	44.35 -0.27 0.00	50.88 -0.31 0.00	49.55 -0.20 0.00	45.35 -0.05 0.00	41.67 -0.25 0.00	36.32 -0.29 0.00	31.80 -0.13 0.00
TELGRAPH_34_KV_EAST 80808	24.52 -0.68 0.00	22.09 -0.22 0.00	21.09 0.02 0.00	19.31 -0.18 0.00	19.70 -0.22 0.00	23.22 0.02 0.00	28.64 -0.76 0.00	31.41 -1.11 0.00	30.65 -0.31 0.00	26.31 -0.40 -0.03	25.70 -0.47 -0.05	27.15 -0.22 0.00	27.37 -0.25 -0.05	28.24 -0.17 0.00	27.76 -0.45 -0.11	30.10 -0.77 -0.18	33.52 -1.03 -0.34	42.79 -2.54 -0.72	48.99 -2.61 -0.41	47.66 -2.14 -0.05	44.44 -0.95 0.00	40.74 -1.17 0.00	35.88 -0.73 0.00	32.31 0.38 0.00
TEMPLE___115KV_TB 2 55572	25.23 0.03 0.00	22.40 0.09 0.00	21.19 0.13 0.00	19.55 0.06 0.00	19.98 0.06 0.00	23.29 0.09 0.00	29.47 0.06 0.00	32.51 0.00 0.00	31.08 0.12 0.00	26.76 0.08 0.00	26.20 0.08 0.00	27.56 0.19 0.00	27.74 0.17 0.00	28.52 0.11 0.00	28.15 0.06 0.00	30.68 0.00 0.00	34.25 0.03 0.00	44.39 -0.22 0.00	50.93 -0.26 0.00	49.60 -0.15 0.00	45.35 -0.05 0.00	41.71 -0.21 0.00	36.35 -0.26 0.00	31.83 -0.10 0.00
TIANA___69_KV_BK 1 55817	31.59 2.42 -3.97	24.88 2.37 -0.20	23.14 2.06 -0.01	21.64 2.14 -0.01	21.92 1.99 -0.01	25.25 2.04 -0.01	31.56 2.15 -0.01	37.80 3.22 -2.07	34.06 3.10 -0.01	35.66 2.67 -6.31	38.59 2.82 -9.65	39.67 2.76 -9.54	41.16 2.81 -10.77	44.55 3.01 -13.13	48.70 3.01 -17.59	58.23 3.13 -24.42	93.67 3.59 -55.86	119.84 4.77 -70.45	135.92 4.97 -79.77	60.99 5.07 -6.17	54.60 4.27 -4.94	49.82 3.40 -4.51	41.50 3.15 -1.75	39.32 3.07 -4.33

TILDEN___115KV_TB1 80814	25.28 0.08 0.00	22.42 0.11 0.00	21.21 0.15 0.00	19.57 0.08 0.00	20.00 0.08 0.00	23.32 0.12 0.00	29.50 0.09 0.00	32.58 0.07 0.00	31.11 0.15 0.00	26.78 0.11 0.00	26.20 0.08 0.00	27.56 0.19 0.00	27.77 0.19 0.00	28.55 0.14 0.00	28.18 0.08 0.00	30.74 0.06 0.00	34.28 0.07 0.00	44.48 -0.13 0.00	51.04 -0.15 0.00	49.75 0.00 0.00	45.48 0.09 0.00	41.79 -0.13 0.00	36.43 -0.18 0.00	31.90 -0.03 0.00
TRIGEN___CC 323695	34.35 2.14 -7.01	24.66 1.99 -0.36	22.89 1.81 -0.02	21.20 1.70 -0.02	21.59 1.65 -0.02	25.03 1.81 -0.02	31.42 2.00 -0.02	38.60 2.44 -3.65	33.60 2.63 -0.02	41.07 2.32 -12.07	48.23 2.32 -19.79	53.63 2.38 -23.88	54.28 2.37 -24.33	61.66 2.50 -30.76	70.53 2.42 -40.02	71.10 2.55 -37.87	89.33 2.94 -52.18	111.40 3.93 -62.86	76.66 3.99 -21.48	89.50 3.98 -35.78	64.72 3.27 -16.06	56.24 2.56 -11.77	52.86 2.45 -13.79	53.18 2.23 -19.02
TRINITY__115KV__4 BK 55933	25.91 0.71 0.00	23.03 0.71 0.00	21.68 0.61 0.00	20.05 0.57 0.00	20.46 0.54 0.00	23.71 0.51 0.00	29.76 0.35 0.00	33.10 0.59 0.00	31.54 0.59 0.00	26.88 0.43 0.23	26.16 0.44 0.41	27.60 0.52 0.29	27.70 0.61 0.49	28.83 0.71 0.29	28.04 0.81 0.87	30.43 0.83 1.08	33.52 1.03 1.72	42.23 1.29 3.67	50.17 1.07 2.10	50.59 1.09 0.25	46.21 0.82 0.00	42.38 0.46 0.00	36.79 0.18 0.00	31.91 0.10 0.11
UNION___PROCESSING_DRP 323587	24.85 -0.35 0.00	22.22 -0.09 0.00	21.11 0.04 0.00	19.39 -0.10 0.00	19.78 -0.14 0.00	23.22 0.02 0.00	28.97 -0.44 0.00	31.83 -0.68 0.00	30.83 -0.12 0.00	26.49 -0.19 0.00	25.88 -0.24 0.00	27.34 -0.03 0.00	27.58 0.00 0.00	28.38 -0.03 0.00	27.90 -0.20 0.00	30.28 -0.40 0.00	33.60 -0.62 0.00	43.05 -1.56 0.00	49.55 -1.64 0.00	48.30 -1.44 0.00	44.80 -0.59 0.00	41.16 -0.75 0.00	36.06 -0.55 0.00	32.09 0.16 0.00
UPPER HUDSON___HYD 24058	27.06 1.86 0.00	24.05 1.74 0.00	22.60 1.54 0.00	20.87 1.38 0.00	21.31 1.39 0.00	24.82 1.62 0.00	31.20 1.79 0.00	34.66 2.15 0.00	32.96 2.01 0.00	28.08 1.55 0.15	27.40 1.51 0.23	28.80 1.45 0.01	28.99 1.63 0.22	30.02 1.62 0.00	29.17 1.63 0.55	31.77 1.97 0.87	35.25 2.67 1.63	43.46 2.32 3.48	51.81 2.61 1.98	52.09 2.59 0.24	47.80 2.40 0.00	43.76 1.84 0.00	38.04 1.43 0.00	32.93 1.12 0.11
UPPER RAQUET___HYD 24056	24.29 -0.91 0.00	21.40 -0.92 0.00	20.29 -0.78 0.00	18.79 -0.70 0.00	19.32 -0.60 0.00	22.58 -0.63 0.00	28.85 -0.56 0.00	31.89 -0.62 0.00	29.96 -0.99 0.00	25.77 -0.91 0.00	25.18 -0.94 0.00	26.30 -1.07 0.00	26.44 -1.13 0.00	27.24 -1.17 0.00	27.06 -1.04 0.00	29.70 -0.98 0.00	33.01 -1.20 0.00	42.65 -1.96 0.00	49.19 -2.00 0.00	47.70 -2.04 0.00	43.76 -1.63 0.00	40.91 -1.01 0.00	36.10 -0.51 0.00	31.83 -0.10 0.00
VALLEY44_115KV_TB2 355964	24.57 -0.63 0.00	22.13 -0.18 0.00	21.17 0.11 0.00	19.43 -0.06 0.00	19.84 -0.08 0.00	23.36 0.16 0.00	29.11 -0.29 0.00	31.93 -0.59 0.00	30.98 0.03 0.00	26.74 0.03 -0.04	26.16 -0.03 -0.06	27.51 0.14 0.00	27.75 0.11 -0.06	28.72 0.31 0.00	28.33 0.08 -0.15	30.86 -0.06 -0.24	34.52 -0.14 -0.45	43.92 -1.65 -0.95	50.10 -1.64 -0.55	48.52 -1.29 -0.07	44.76 -0.64 0.00	41.08 -0.84 0.00	35.99 -0.62 0.00	32.47 0.54 0.00
VALLEY___115KV_TB 1-4 80826	25.33 0.13 0.00	22.40 0.09 0.00	21.11 0.04 0.00	19.53 0.04 0.00	19.96 0.04 0.00	23.27 0.07 0.00	29.44 0.03 0.00	32.61 0.10 0.00	31.05 0.09 0.00	26.70 0.03 0.00	26.15 0.03 0.00	27.40 0.03 0.00	27.55 -0.03 0.00	28.38 -0.03 0.00	28.10 0.00 0.00	30.74 0.06 0.00	34.35 0.14 0.00	44.84 0.22 0.00	51.50 0.31 0.00	50.19 0.45 0.00	45.80 0.41 0.00	42.29 0.38 0.00	36.87 0.26 0.00	32.18 0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.28 1.08 0.00	23.36 1.05 0.00	22.03 0.97 0.00	20.39 0.90 0.00	20.84 0.92 0.00	24.25 1.04 0.00	30.58 1.18 0.00	33.84 1.33 0.00	32.38 1.42 0.00	27.89 1.12 -0.10	27.37 1.10 -0.15	28.61 1.23 -0.01	28.91 1.19 -0.14	29.71 1.31 0.00	29.74 1.29 -0.35	32.71 1.47 -0.56	36.93 1.68 -1.04	49.02 2.19 -2.22	54.81 2.35 -1.26	52.34 2.44 -0.15	47.62 2.22 0.00	43.80 1.89 0.00	38.07 1.46 0.00	33.27 1.34 0.00
VISCHER___FERRY HYD 24020	26.38 1.18 0.00	23.45 1.14 0.00	22.05 0.99 0.00	20.43 0.94 0.00	20.84 0.92 0.00	24.15 0.95 0.00	30.32 0.91 0.00	33.85 1.33 0.00	32.22 1.27 0.00	27.40 0.96 0.23	26.67 0.97 0.42	28.15 1.07 0.29	28.24 1.16 0.50	29.34 1.22 0.29	28.41 1.21 0.90	30.97 1.41 1.12	34.09 1.68 1.79	42.97 2.19 3.83	51.10 2.10 2.18	51.57 2.09 0.26	47.16 1.77 0.00	43.22 1.30 0.00	37.49 0.88 0.00	32.51 0.73 0.15
V_A_10_SYNC_DSASP 323832	24.42 -0.78 0.00	21.93 -0.38 0.00	20.92 -0.15 0.00	19.18 -0.31 0.00	19.54 -0.38 0.00	22.99 -0.21 0.00	28.47 -0.94 0.00	31.18 -1.33 0.00	30.27 -0.68 0.00	26.01 -0.67 0.00	25.41 -0.71 0.00	26.85 -0.52 0.00	27.03 -0.55 0.00	27.89 -0.51 0.00	27.44 -0.76 -0.11	29.77 -1.07 -0.17	33.15 -1.37 -0.31	42.47 -2.81 -0.66	48.50 -3.07 -0.38	47.01 -2.79 -0.05	43.67 -1.72 0.00	40.07 -1.84 0.00	35.29 -1.32 0.00	31.70 -0.22 0.00
V_CMM_10_SYNC_DSASP 323787	24.42 -0.78 0.00	21.51 -0.80 0.00	20.41 -0.65 0.00	18.89 -0.60 0.00	19.38 -0.54 0.00	22.62 -0.58 0.00	28.91 -0.50 0.00	31.99 -0.52 0.00	30.18 -0.77 0.00	26.06 -0.61 0.00	25.49 -0.63 0.00	26.60 -0.77 0.00	26.80 -0.77 0.00	27.58 -0.82 0.00	27.34 -0.76 0.00	29.95 -0.74 0.00	33.32 -0.89 0.00	43.54 -1.07 0.00	50.37 -0.82 0.00	48.75 -0.99 0.00	44.62 -0.77 0.00	41.58 -0.34 0.00	36.54 -0.07 0.00	31.80 -0.13 0.00
V_CMP_10_SYNC_DSASP 323788	24.17 -1.03 0.00	21.29 -1.03 0.00	20.29 -0.78 0.00	18.83 -0.66 0.00	19.36 -0.56 0.00	22.62 -0.58 0.00	28.94 -0.47 0.00	32.02 -0.49 0.00	30.24 -0.71 0.00	26.09 -0.59 0.00	25.47 -0.65 0.00	26.55 -0.82 0.00	26.75 -0.83 0.00	27.49 -0.91 0.00	27.22 -0.87 0.00	29.82 -0.86 0.00	33.25 -0.96 0.00	43.19 -1.43 0.00	50.01 -1.18 0.00	48.60 -1.14 0.00	44.62 -0.77 0.00	41.87 -0.04 0.00	36.79 0.18 0.00	32.31 0.38 0.00
V_D_10_SYNC_DSASP 323841	24.49 -0.71 0.00	21.58 -0.74 0.00	20.47 -0.59 0.00	18.96 -0.53 0.00	19.46 -0.46 0.00	22.71 -0.49 0.00	29.03 -0.38 0.00	32.09 -0.42 0.00	30.27 -0.68 0.00	26.11 -0.56 0.00	25.55 -0.57 0.00	26.66 -0.71 0.00	26.86 -0.72 0.00	27.64 -0.77 0.00	27.42 -0.67 0.00	30.04 -0.65 0.00	33.43 -0.79 0.00	43.59 -1.02 0.00	50.47 -0.72 0.00	48.85 -0.89 0.00	44.76 -0.64 0.00	41.75 -0.17 0.00	36.68 0.07 0.00	31.96 0.03 0.00
V_E_10_SYNC_DSASP 323830	26.38 1.18 0.00	23.45 1.14 0.00	22.20 1.14 0.00	20.50 1.01 0.00	21.05 1.13 0.00	24.69 1.49 0.00	31.32 1.91 0.00	34.50 1.98 0.00	32.56 1.61 0.00	27.76 1.01 -0.07	27.07 0.84 -0.11	28.42 1.04 -0.01	28.59 0.91 -0.11	29.43 1.02 0.00	29.43 1.07 -0.27	32.55 1.44 -0.42	36.78 1.78 -0.79	48.70 2.41 -1.68	55.52 3.38 -0.96	53.69 3.83 -0.11	49.21 3.81 0.00	45.39 3.48 0.00	39.21 2.60 0.00	34.39 2.46 0.00

V_F_30_NSYNC___DSASP 323816	26.71 1.51 0.00	23.74 1.43 0.00	22.33 1.26 0.00	20.66 1.17 0.00	21.07 1.15 0.00	24.50 1.30 0.00	30.76 1.35 0.00	34.20 1.69 0.00	32.56 1.61 0.00	27.69 1.23 0.21	26.91 1.18 0.38	28.36 1.26 0.27	28.50 1.38 0.46	29.56 1.42 0.27	28.73 1.46 0.83	31.33 1.69 1.03	34.64 2.09 1.66	43.53 2.45 3.53	51.78 2.61 2.02	52.14 2.63 0.24	47.75 2.36 0.00	43.80 1.89 0.00	38.04 1.43 0.00	32.99 1.18 0.12
V_F_30_SYNC_DSASP 323786	25.98 0.78 0.00	23.09 0.78 0.00	21.74 0.67 0.00	20.11 0.62 0.00	20.52 0.60 0.00	23.78 0.58 0.00	29.85 0.44 0.00	33.19 0.68 0.00	31.63 0.68 0.00	26.96 0.51 0.22	26.24 0.52 0.40	27.69 0.60 0.28	27.81 0.72 0.48	28.92 0.80 0.28	28.16 0.93 0.86	30.59 0.98 1.07	33.67 1.16 1.71	42.45 1.47 3.64	50.39 1.28 2.08	50.79 1.29 0.25	46.44 1.04 0.00	42.55 0.63 0.00	36.94 0.33 0.00	32.07 0.26 0.11
V_XM_10_SYNC_DSASP 323789	24.17 -1.03 0.00	21.29 -1.03 0.00	20.29 -0.78 0.00	18.83 -0.66 0.00	19.36 -0.56 0.00	22.62 -0.58 0.00	28.94 -0.47 0.00	32.02 -0.49 0.00	30.24 -0.71 0.00	26.09 -0.59 0.00	25.47 -0.65 0.00	26.55 -0.82 0.00	26.75 -0.83 0.00	27.49 -0.91 0.00	27.22 -0.87 0.00	29.82 -0.86 0.00	33.25 -0.96 0.00	43.19 -1.43 0.00	50.01 -1.18 0.00	48.60 -1.14 0.00	44.62 -0.77 0.00	41.87 -0.04 0.00	36.79 0.18 0.00	32.31 0.38 0.00
W.BABYLN_69_KV_BK1 56697	32.25 2.67 -4.38	25.04 2.50 -0.22	23.31 2.23 -0.01	21.62 2.12 -0.01	22.00 2.07 -0.01	25.46 2.25 -0.01	31.92 2.50 -0.01	38.01 3.22 -2.28	34.28 3.31 -0.01	36.62 2.85 -7.09	40.06 2.93 -11.02	41.77 2.93 -11.48	43.10 2.92 -12.60	46.90 2.98 -15.51	51.78 2.89 -20.79	67.39 3.01 -33.70	66.21 3.42 -28.57	91.91 4.46 -42.84	81.45 4.66 -25.60	65.61 4.83 -11.04	54.13 4.09 -4.65	54.11 3.31 -8.88	43.51 3.15 -3.75	41.62 2.97 -6.72
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.01 1.81 0.00	23.99 1.67 0.00	22.54 1.47 0.00	20.83 1.34 0.00	21.23 1.31 0.00	24.62 1.42 0.00	30.94 1.53 0.00	34.43 1.92 0.00	33.15 2.20 0.00	30.82 2.00 -2.15	32.17 1.99 -4.06	33.40 2.16 -3.87	35.09 2.23 -5.28	34.84 2.44 -3.99	38.86 2.42 -8.35	42.44 2.64 -9.12	50.14 3.01 -12.92	76.19 4.02 -27.56	71.00 4.10 -15.72	55.72 4.08 -1.89	48.66 3.27 0.00	44.35 2.43 0.00	38.70 2.09 0.00	33.91 1.85 -0.13
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.29 2.09 0.00	24.23 1.92 0.00	22.77 1.71 0.00	21.05 1.56 0.00	21.43 1.51 0.00	24.85 1.65 0.00	31.26 1.85 0.00	34.88 2.37 0.00	33.59 2.63 0.00	32.73 2.40 -3.65	35.95 2.40 -7.43	39.22 2.55 -9.31	40.72 2.62 -10.52	40.99 2.84 -9.74	45.32 2.81 -14.41	46.50 3.04 -12.78	51.53 3.46 -13.86	78.81 4.64 -29.56	72.75 4.71 -16.85	56.45 4.68 -2.03	49.16 3.77 0.00	44.77 2.85 0.00	39.17 2.56 0.00	34.33 2.27 -0.14
W50THST__13_KV_LOAD 356117	27.39 2.19 0.00	24.32 2.01 0.00	22.85 1.79 0.00	21.13 1.64 0.00	21.51 1.59 0.00	24.94 1.74 0.00	31.44 2.03 0.00	35.08 2.57 0.00	33.77 2.82 0.00	32.94 2.61 -3.65	36.16 2.61 -7.43	39.47 2.79 -9.31	40.97 2.87 -10.52	41.22 3.07 -9.74	45.54 3.03 -14.41	46.78 3.31 -12.78	51.80 3.73 -13.86	79.17 5.00 -29.56	73.11 5.07 -16.85	56.80 5.02 -2.03	49.43 4.04 0.00	44.98 3.06 0.00	39.36 2.75 0.00	34.49 2.43 -0.14
WADING RIVER_IC_1 23522	31.20 2.04 -3.96	24.57 2.05 -0.20	22.82 1.75 -0.01	21.45 1.95 -0.01	21.86 1.93 -0.01	24.95 1.74 -0.01	31.15 1.73 -0.01	37.60 3.02 -2.06	33.75 2.79 -0.01	35.30 2.32 -6.31	38.22 2.45 -9.64	39.20 2.30 -9.53	40.71 2.37 -10.76	44.03 2.50 -13.12	47.92 2.25 -17.58	57.30 2.46 -24.17	92.72 2.81 -55.70	118.66 3.75 -70.30	134.52 3.79 -79.54	59.88 3.98 -6.15	53.72 3.41 -4.92	48.85 2.51 -4.42	40.80 2.45 -1.74	38.70 2.46 -4.32
WADING RIVER_IC_2 23547	31.20 2.04 -3.96	24.57 2.05 -0.20	22.82 1.75 -0.01	21.45 1.95 -0.01	21.86 1.93 -0.01	24.95 1.74 -0.01	31.15 1.73 -0.01	37.60 3.02 -2.06	33.75 2.79 -0.01	35.30 2.32 -6.31	38.22 2.45 -9.64	39.20 2.30 -9.53	40.71 2.37 -10.76	44.03 2.50 -13.12	47.92 2.25 -17.58	57.30 2.46 -24.17	92.72 2.81 -55.70	118.66 3.75 -70.30	134.52 3.79 -79.54	59.88 3.98 -6.15	53.72 3.41 -4.92	48.85 2.51 -4.42	40.80 2.45 -1.74	38.70 2.46 -4.32
WADING RIVER_IC_3 23601	31.20 2.04 -3.96	24.57 2.05 -0.20	22.82 1.75 -0.01	21.45 1.95 -0.01	21.86 1.93 -0.01	24.95 1.74 -0.01	31.15 1.73 -0.01	37.60 3.02 -2.06	33.75 2.79 -0.01	35.30 2.32 -6.31	38.22 2.45 -9.64	39.20 2.30 -9.53	40.71 2.37 -10.76	44.03 2.50 -13.12	47.92 2.25 -17.58	57.30 2.46 -24.17	92.72 2.81 -55.70	118.66 3.75 -70.30	134.52 3.79 -79.54	59.88 3.98 -6.15	53.72 3.41 -4.92	48.85 2.51 -4.42	40.80 2.45 -1.74	38.70 2.46 -4.32
WALDENNY_12_KV_BK2 80841	24.65 -0.55 0.00	22.22 -0.09 0.00	21.25 0.19 0.00	19.45 -0.04 0.00	19.86 -0.06 0.00	23.41 0.21 0.00	28.91 -0.50 0.00	31.70 -0.81 0.00	30.92 -0.03 0.00	26.60 -0.11 -0.03	26.04 -0.13 -0.05	27.48 0.11 0.00	27.71 0.08 -0.05	28.66 0.26 0.00	28.17 -0.06 -0.13	30.58 -0.31 -0.21	33.98 -0.38 -0.38	43.20 -2.23 -0.81	49.41 -2.25 -0.47	47.96 -0.06 -0.06	44.49 -0.91 0.00	40.87 -1.05 0.00	35.95 -0.66 0.00	32.44 0.51 0.00
WALDEN__HYDRO 24148	26.86 1.66 0.00	23.85 1.54 0.00	22.41 1.35 0.00	20.74 1.25 0.00	21.13 1.22 0.00	24.50 1.30 0.00	30.82 1.41 0.00	34.27 1.76 0.00	32.94 1.98 0.00	29.35 1.73 -0.94	29.47 1.75 -1.60	30.01 1.92 -0.73	31.36 2.01 -1.77	31.31 2.22 -0.69	33.91 2.22 -3.59	38.12 2.45 -4.98	45.59 2.81 -8.58	66.67 3.75 -18.30	65.47 3.84 -10.44	54.83 3.83 -1.26	48.48 3.09 0.00	44.22 2.31 0.00	38.55 1.94 0.00	33.74 1.69 -0.12
WARRENSBURG____ 23737	27.06 1.86 0.00	24.05 1.74 0.00	22.60 1.54 0.00	20.87 1.38 0.00	21.31 1.39 0.00	24.83 1.62 0.00	31.20 1.79 0.00	34.56 2.05 0.00	32.87 1.92 0.00	28.00 1.47 0.15	27.33 1.44 0.23	28.70 1.34 0.01	28.85 1.49 0.22	30.00 1.59 0.00	29.20 1.66 0.55	31.77 1.96 0.87	35.25 2.67 1.63	43.46 2.32 3.48	51.82 2.61 1.98	52.09 2.59 0.24	47.80 2.41 0.00	43.76 1.84 0.00	38.07 1.46 0.00	32.93 1.12 0.11
WATERSIDE____6 8 9 23538	27.40 2.19 -0.01	24.33 2.01 -0.01	22.86 1.79 -0.01	21.13 1.64 -0.01	21.54 1.61 -0.01	24.92 1.72 0.00	31.35 1.94 0.00	34.95 2.44 0.00	33.59 2.63 0.00	33.13 2.35 -4.11	36.93 2.35 -8.46	40.91 2.49 -11.05	42.31 2.56 -12.17	42.75 2.76 -11.59	47.07 2.73 -16.25	47.45 2.98 -13.79	51.45 3.39 -13.85	78.65 4.51 -29.53	72.78 4.76 -16.83	56.45 4.68 -2.03	49.21 3.81 0.00	44.89 2.98 0.00	39.33 2.71 -0.01	34.46 2.39 -0.14
WATKINRD_115KV_LN8_ILLION 55919	25.35 0.15 0.00	22.45 0.13 0.00	21.15 0.08 0.00	19.57 0.08 0.00	20.00 0.08 0.00	23.29 0.09 0.00	29.47 0.06 0.00	32.64 0.13 0.00	31.08 0.12 0.00	26.76 0.08 0.00	26.17 0.05 0.00	27.42 0.05 0.00	27.63 0.06 0.00	28.43 0.03 0.00	28.15 0.06 0.00	30.77 0.09 0.00	34.38 0.17 0.00	44.88 0.27 0.00	51.50 0.31 0.00	50.14 0.40 0.00	45.76 0.36 0.00	42.21 0.29 0.00	36.79 0.18 0.00	32.12 0.19 0.00

WDELAWARE___HYD 323627	26.94 1.74 0.00	23.92 1.61 0.00	22.43 1.37 0.00	20.78 1.29 0.00	21.20 1.28 0.00	24.59 1.39 0.00	30.94 1.53 0.00	34.53 2.02 0.00	33.15 2.20 0.00	29.34 1.89 -0.77	29.28 1.85 -1.31	29.97 2.05 -0.55	31.15 2.15 -1.42	31.25 2.33 -0.52	33.40 2.36 -2.94	37.39 2.58 -4.14	44.29 2.91 -7.18	63.86 3.93 -15.32	64.12 4.20 -8.74	54.98 4.18 -1.05	48.89 3.50 0.00	44.60 2.69 0.00	38.81 2.20 0.00	33.95 1.92 -0.10
WEST BABYLON___IC 23714	32.25 2.67 -4.38	25.04 2.50 -0.22	23.31 2.23 -0.01	21.62 2.12 -0.01	22.00 2.07 -0.01	25.46 2.25 -0.01	31.92 2.50 -0.01	38.01 3.22 -2.28	34.28 3.31 -0.01	36.62 2.85 -7.09	40.06 2.93 -11.02	41.77 2.93 -11.48	43.10 2.92 -12.60	46.90 2.98 -15.51	51.78 2.89 -20.79	67.39 3.01 -33.70	66.21 3.42 -28.57	91.91 4.46 -42.84	81.45 4.66 -25.60	65.61 4.83 -11.04	54.13 4.09 -4.65	54.11 3.31 -8.88	43.51 3.15 -3.75	41.62 2.97 -6.72
WEST CANADA___HYD 24049	25.35 0.15 0.00	22.47 0.16 0.00	21.19 0.13 0.00	19.63 0.14 0.00	20.06 0.14 0.00	23.34 0.14 0.00	29.50 0.09 0.00	32.67 0.16 0.00	31.11 0.16 0.00	26.78 0.11 0.00	26.22 0.10 0.00	27.51 0.14 0.00	27.72 0.14 0.00	28.55 0.14 0.00	28.24 0.14 0.00	30.87 0.19 0.00	34.42 0.21 0.00	44.88 0.27 0.00	51.45 0.26 0.00	50.00 0.25 0.00	45.62 0.23 0.00	42.04 0.13 0.00	36.68 0.07 0.00	31.99 0.06 0.00
WESTERN_NY_WIND 24143	24.85 -0.35 0.00	22.36 0.04 0.00	21.32 0.25 0.00	19.55 0.06 0.00	19.94 0.02 0.00	23.48 0.28 0.00	29.06 -0.35 0.00	32.02 -0.49 0.00	31.14 0.19 0.00	26.71 0.00 -0.03	26.06 -0.10 -0.05	27.54 0.16 0.00	27.81 0.19 -0.04	28.66 0.26 0.00	28.18 -0.03 -0.11	30.58 -0.28 -0.18	34.02 -0.51 -0.33	43.53 -1.78 -0.70	49.90 -1.69 -0.40	48.55 -1.24 -0.05	45.35 -0.05 0.00	41.58 -0.34 0.00	36.54 -0.07 0.00	32.79 0.86 0.00
WESTOVER___LESR 323668	25.43 0.23 0.00	22.65 0.33 0.00	21.44 0.38 0.00	19.78 0.29 0.00	20.22 0.30 0.00	23.62 0.42 0.00	29.73 0.32 0.00	32.77 0.26 0.00	31.39 0.43 0.00	27.07 0.32 -0.07	26.52 0.29 -0.12	27.79 0.41 -0.01	28.07 0.39 -0.11	28.86 0.45 0.00	28.83 0.45 -0.28	31.56 0.43 -0.45	35.60 0.55 -0.84	46.76 0.36 -1.79	52.62 0.41 -1.02	50.42 0.55 -0.12	46.03 0.64 0.00	42.29 0.38 0.00	36.90 0.29 0.00	32.50 0.57 0.00
WETHRSFD_WT_PWR 323626	23.89 -1.31 0.00	21.42 -0.89 0.00	20.52 -0.55 0.00	19.02 -0.47 0.00	19.54 -0.38 0.00	23.13 -0.07 0.00	28.79 -0.62 0.00	31.47 -1.04 0.00	30.30 -0.65 0.00	26.05 -0.67 -0.04	25.48 -0.70 -0.07	26.80 -0.58 0.00	27.03 -0.61 -0.06	27.89 -0.51 0.00	27.58 -0.67 -0.16	30.11 -0.83 -0.25	34.03 -0.65 -0.47	43.48 -2.14 -1.01	49.67 -2.10 -0.58	48.27 -1.54 -0.07	44.67 -0.73 0.00	41.08 -0.84 0.00	36.06 -0.55 0.00	32.37 0.45 0.00
WHAVSTOR_138KV_BK127 55557	26.94 1.74 0.00	23.92 1.61 0.00	22.48 1.41 0.00	20.80 1.31 0.00	21.17 1.25 0.00	24.55 1.35 0.00	30.85 1.44 0.00	34.33 1.82 0.00	33.03 2.07 0.00	30.74 1.89 -2.17	32.14 1.91 -4.12	33.36 2.05 -3.94	35.05 2.12 -5.35	34.79 2.33 -4.06	38.85 2.30 -8.45	42.40 2.52 -9.21	50.09 2.87 -13.01	76.20 3.84 -27.75	70.91 3.89 -15.83	55.53 3.88 -1.91	48.44 3.04 0.00	44.14 2.22 0.00	38.59 1.98 0.00	33.81 1.76 -0.13
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.94 1.74 0.00	23.92 1.61 0.00	22.48 1.41 0.00	20.80 1.31 0.00	21.17 1.25 0.00	24.55 1.35 0.00	30.85 1.44 0.00	34.33 1.82 0.00	33.03 2.07 0.00	30.74 1.89 -2.17	32.14 1.91 -4.12	33.36 2.05 -3.94	35.05 2.12 -5.35	34.79 2.33 -4.06	38.85 2.30 -8.45	42.40 2.52 -9.21	50.09 2.87 -13.01	76.20 3.84 -27.75	70.91 3.89 -15.83	55.53 3.88 -1.91	48.44 3.04 0.00	44.14 2.22 0.00	38.59 1.98 0.00	33.81 1.76 -0.13
WHITEHAL_115KV_TB1 80871	27.95 2.75 0.00	24.86 2.54 0.00	23.32 2.25 0.00	21.50 2.01 0.00	21.97 2.05 0.00	25.66 2.46 0.00	32.26 2.85 0.00	35.67 3.15 0.00	33.83 2.88 0.00	28.74 2.21 0.15	28.01 2.12 0.23	29.52 2.16 0.01	29.70 2.34 0.22	30.90 2.50 0.00	30.19 2.64 0.55	32.94 3.13 0.87	36.62 4.04 1.63	45.20 4.06 3.48	53.97 4.76 1.98	54.28 4.78 0.24	49.89 4.49 0.00	45.65 3.73 0.00	39.61 3.00 0.00	34.15 2.33 0.11
WHITEPLN_13_KV_LOAD 356215	27.34 2.14 0.00	24.25 1.94 0.00	22.77 1.71 0.00	21.07 1.58 0.00	21.45 1.53 0.00	24.87 1.67 0.00	31.32 1.91 0.00	34.95 2.44 0.00	33.65 2.69 0.00	31.86 2.40 -2.78	33.98 2.43 -5.43	35.92 2.65 -5.89	37.67 2.76 -7.34	37.51 2.98 -6.12	41.99 3.01 -10.89	44.88 3.25 -10.94	52.15 3.80 -14.14	79.81 5.04 -30.15	73.66 5.27 -17.20	56.99 5.17 -2.07	49.48 4.09 0.00	45.02 3.10 0.00	39.36 2.75 0.00	34.46 2.39 -0.13
WM_FLOYD_69_KV_BK2 356380	31.49 2.32 -3.97	24.79 2.28 -0.20	23.07 2.00 -0.01	21.54 2.05 -0.01	21.84 1.91 -0.01	25.18 1.97 -0.01	31.48 2.06 -0.01	37.60 3.02 -2.07	33.90 2.94 -0.01	35.48 2.48 -6.33	38.40 2.61 -9.67	39.38 2.44 -9.57	40.83 2.45 -10.80	44.19 2.61 -13.17	48.30 2.56 -17.64	58.62 2.64 -25.30	93.82 3.08 -56.53	119.78 4.06 -71.11	136.15 4.38 -80.76	60.37 4.38 -6.25	54.05 3.63 -5.02	49.55 2.81 -4.83	41.10 2.71 -1.78	38.98 2.68 -4.37
WOODARD___115KV_TB2 355635	25.17 -0.03 0.00	22.33 0.02 0.00	21.13 0.06 0.00	19.49 0.00 0.00	19.92 0.00 0.00	23.22 0.02 0.00	29.38 -0.03 0.00	32.45 -0.07 0.00	30.98 0.03 0.00	26.68 0.00 0.00	26.09 -0.03 0.00	27.45 0.08 0.00	27.66 0.08 0.00	28.40 0.00 0.00	28.04 -0.06 0.00	30.59 -0.09 0.00	34.11 -0.10 0.00	44.26 -0.36 0.00	50.78 -0.41 0.00	49.45 -0.30 0.00	45.21 -0.18 0.00	41.58 -0.34 0.00	36.24 -0.37 0.00	31.74 -0.19 0.00
WOODMERE_69_KV_BK1 55827	34.09 2.47 -6.42	24.92 2.28 -0.33	23.16 2.09 -0.01	21.43 1.93 -0.01	21.85 1.91 -0.01	25.33 2.11 -0.01	31.80 2.38 -0.01	38.68 2.83 -3.34	34.00 3.03 -0.01	40.30 2.67 -10.96	46.66 2.72 -17.82	51.30 2.82 -21.11	52.12 2.84 -21.71	58.73 2.98 -27.35	74.19 2.92 -43.17	88.29 3.16 -54.45	95.79 3.59 -57.99	111.03 4.82 -61.60	82.33 4.97 -26.18	124.51 4.97 -69.79	81.80 4.18 -32.23	68.89 3.35 -23.62	66.41 3.08 -26.73	67.20 2.75 -32.53
YORK___WARBASSE 23770	27.55 2.34 -0.01	24.42 2.10 -0.01	22.93 1.85 -0.01	21.19 1.70 -0.01	21.60 1.67 -0.01	24.96 1.76 0.00	31.44 2.03 0.00	35.05 2.54 0.00	33.68 2.72 0.00	33.18 2.40 -4.11	37.01 2.43 -8.46	40.99 2.57 -11.05	42.42 2.67 -12.17	42.86 2.87 -11.59	47.21 2.87 -16.25	47.60 3.13 -13.79	51.66 3.59 -13.85	78.96 4.82 -29.53	73.19 5.17 -16.83	56.85 5.07 -2.03	49.52 4.13 0.00	45.10 3.19 0.00	39.58 2.97 -0.01	34.69 2.62 -0.14