

ALBANY___4 23574	29.00 0.41 -16.05	25.87 0.44 -12.82	24.09 0.45 -10.65	24.05 0.43 -11.32	23.08 0.45 -9.69	27.50 0.50 -12.34	25.60 0.57 -7.79	33.93 0.72 -13.84	32.56 0.71 -8.98	30.31 0.87 -0.57	24.74 0.67 0.00	24.55 0.69 0.00	21.87 0.51 0.00	20.97 0.45 0.00	22.02 0.62 0.00	21.98 0.58 0.00	25.67 0.80 -0.03	29.47 0.89 0.00	35.01 0.99 0.00	31.95 0.90 0.00	26.24 0.76 0.00	24.71 0.74 0.00	22.40 0.64 -0.27	22.73 0.59 -0.15
ALBANY___LFGE 323615	29.22 0.49 -16.20	26.07 0.52 -12.94	24.26 0.53 -10.75	24.24 0.52 -11.43	23.26 0.54 -9.79	27.71 0.59 -12.45	25.78 0.67 -7.88	34.20 0.83 -13.99	32.86 0.92 -9.08	30.58 1.12 -0.58	24.96 0.89 0.00	24.76 0.91 0.00	22.02 0.66 0.00	21.12 0.60 0.00	22.13 0.73 0.00	22.20 0.79 0.00	25.87 1.00 -0.03	29.70 1.11 0.00	35.28 1.26 0.00	32.11 1.06 0.00	26.47 0.99 0.00	24.90 0.93 0.00	22.59 0.84 -0.28	22.91 0.77 -0.15
ALCOA_PA_115KV_PL-6C 55860	4.90 -0.19 7.45	4.39 -0.20 8.01	4.70 -0.22 8.06	4.77 -0.21 7.32	4.69 -0.23 8.01	14.42 -0.25 0.00	17.08 -0.16 0.00	19.07 -0.31 0.00	22.52 -0.34 0.00	28.47 -0.40 0.00	23.81 -0.26 0.00	23.62 -0.24 0.00	21.25 -0.11 0.00	20.50 -0.02 0.00	21.23 -0.17 0.00	21.32 -0.09 0.00	24.68 -0.17 0.00	28.38 -0.20 0.00	33.78 -0.24 0.00	30.93 -0.12 0.00	25.25 -0.23 0.00	23.80 -0.17 0.00	21.39 -0.09 0.00	21.84 -0.15 0.00
ALCOA_RYNLDS___DRP 24188	4.90 -0.19 7.45	4.39 -0.20 8.01	4.70 -0.22 8.06	4.77 -0.21 7.32	4.69 -0.23 8.01	14.42 -0.25 0.00	17.08 -0.16 0.00	19.07 -0.31 0.00	22.52 -0.34 0.00	28.47 -0.40 0.00	23.81 -0.26 0.00	23.62 -0.24 0.00	21.25 -0.11 0.00	20.50 -0.02 0.00	21.23 -0.17 0.00	21.32 -0.09 0.00	24.68 -0.17 0.00	28.38 -0.20 0.00	33.78 -0.24 0.00	30.93 -0.12 0.00	25.25 -0.23 0.00	23.80 -0.17 0.00	21.39 -0.09 0.00	21.84 -0.15 0.00
ALCOA___DSASP 323711	4.90 -0.19 7.45	4.39 -0.20 8.01	4.70 -0.22 8.06	4.77 -0.21 7.32	4.69 -0.23 8.01	14.42 -0.25 0.00	17.08 -0.16 0.00	19.07 -0.31 0.00	22.52 -0.34 0.00	28.47 -0.40 0.00	23.81 -0.26 0.00	23.62 -0.24 0.00	21.27 -0.09 0.00	20.50 -0.02 0.00	21.30 -0.11 0.00	21.30 -0.11 0.00	24.68 -0.17 0.00	28.38 -0.20 0.00	33.79 -0.24 0.00	30.90 -0.15 0.00	25.25 -0.23 0.00	23.80 -0.17 0.00	21.39 -0.09 0.00	21.84 -0.15 0.00
ALLEGHENY___COGEN 23514	16.46 0.31 -3.61	15.87 0.38 -2.89	15.77 0.39 -2.40	15.25 0.41 -2.55	15.54 0.43 -2.18	17.93 0.48 -2.78	19.29 0.29 -1.77	23.27 0.75 -3.14	25.70 0.80 -2.04	29.69 0.69 -0.13	24.82 0.75 0.00	24.26 0.41 0.00	21.70 0.34 0.00	20.81 0.29 0.00	21.79 0.39 0.00	21.81 0.41 0.00	25.45 0.60 -0.01	29.70 1.11 0.00	35.35 1.33 0.00	32.61 1.55 0.00	26.52 1.04 0.00	24.79 0.82 0.00	22.06 0.51 -0.06	22.64 0.61 -0.03
ALTAMONT_115KV_TB 2 55880	29.02 0.44 -16.05	25.88 0.45 -12.82	24.10 0.47 -10.65	24.06 0.44 -11.32	23.10 0.48 -9.69	27.53 0.53 -12.34	25.63 0.60 -7.79	33.97 0.76 -13.84	32.74 0.89 -8.98	30.54 1.10 -0.57	24.91 0.84 0.00	24.74 0.88 0.00	22.04 0.68 0.00	21.12 0.60 0.00	22.17 0.77 0.00	22.13 0.73 0.00	25.82 0.94 -0.03	29.67 1.09 0.00	35.28 1.26 0.00	32.20 1.15 0.00	26.45 0.97 0.00	24.88 0.91 0.00	22.55 0.79 -0.27	22.91 0.77 -0.15
ALTONA_WT_PWR 323606	-6.99 -0.69 18.84	-7.00 -0.73 18.87	-6.98 -0.75 19.21	-6.99 -0.71 18.57	3.98 -0.75 8.20	13.95 -0.72 0.00	16.78 -0.45 0.00	18.95 -0.43 0.00	22.57 -0.30 0.00	28.82 -0.06 0.00	24.17 0.10 0.00	24.14 0.29 0.00	21.70 0.34 0.00	20.97 0.45 0.00	21.81 0.41 0.00	21.85 0.45 0.00	25.35 0.50 0.00	29.30 0.71 0.00	34.91 0.88 0.00	31.96 0.90 0.00	26.04 0.56 0.00	24.47 0.50 0.00	21.95 0.47 0.00	22.36 0.37 0.00
AMERICAN_REF_FUEL 24010	15.39 -0.49 -3.34	14.93 -0.35 -2.67	14.88 -0.32 -2.22	14.38 -0.27 -2.36	14.70 -0.25 -2.02	16.72 -0.51 -2.57	17.86 -1.02 -1.64	21.46 -0.83 -2.92	23.73 -1.03 -1.90	27.49 -1.50 -0.12	23.21 -0.87 0.00	22.81 -1.05 0.00	20.48 -0.88 0.00	19.60 -0.92 0.00	20.48 -0.92 0.00	20.40 -1.01 0.00	23.56 -1.29 -0.01	27.33 -1.26 0.00	31.98 -2.04 0.00	29.78 -1.27 0.00	24.15 -1.33 0.00	22.63 -1.34 0.00	20.20 -1.33 -0.06	21.10 -0.92 -0.03
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.65 -0.45 -3.56	15.16 -0.29 -2.85	15.12 -0.22 -2.36	14.67 -0.13 -2.51	15.04 -0.04 -2.15	17.22 -0.19 -2.74	18.43 -0.55 -1.75	22.35 -0.13 -3.10	24.84 -0.05 -2.02	28.86 -0.14 -0.13	24.65 0.58 0.00	24.28 0.43 0.00	21.76 0.40 0.00	20.81 0.29 0.00	21.74 0.34 0.00	21.66 0.26 0.00	25.06 0.20 -0.01	29.07 0.49 0.00	34.19 0.17 0.00	31.67 0.62 0.00	25.66 0.18 0.00	24.07 0.10 0.00	21.43 -0.11 -0.06	22.24 0.22 -0.03
ARTHUR_KILL_GT_1 23520	26.63 1.14 -12.95	24.01 1.05 -10.35	22.66 1.08 -8.60	22.45 1.02 -9.14	21.83 1.07 -7.83	25.89 1.26 -9.96	24.81 1.29 -6.28	31.94 1.41 -11.15	31.82 1.72 -7.24	31.64 2.31 -0.46	25.71 1.64 0.00	25.74 1.88 0.00	22.70 1.35 0.00	21.80 1.27 0.00	22.96 1.56 0.00	22.92 1.52 0.00	26.74 1.86 -0.02	30.53 1.94 0.00	36.19 2.18 0.01	33.32 2.27 0.00	27.29 1.81 0.00	26.10 2.13 0.00	23.65 1.95 -0.22	24.28 2.16 -0.13
ARTHUR_KILL_2 23512	26.60 1.10 -12.95	23.98 1.02 -10.35	22.63 1.05 -8.60	22.43 1.00 -9.14	21.79 1.03 -7.83	25.86 1.23 -9.96	24.75 1.24 -6.28	31.88 1.36 -11.15	31.77 1.67 -7.24	31.56 2.22 -0.46	25.66 1.59 0.00	25.67 1.81 0.00	22.64 1.28 0.00	21.73 1.21 0.00	22.90 1.50 0.00	22.86 1.46 0.00	26.66 1.79 -0.02	30.44 1.86 0.00	36.09 2.08 0.01	33.23 2.17 0.00	27.21 1.73 0.00	26.03 2.06 0.00	23.59 1.89 -0.22	24.21 2.09 -0.13
ARTHUR_KILL_3 23513	26.36 0.88 -12.94	23.78 0.83 -10.35	22.46 0.88 -8.59	22.25 0.82 -9.13	21.60 0.85 -7.82	25.66 1.04 -9.95	24.65 1.14 -6.28	31.96 1.43 -11.15	31.91 1.81 -7.24	31.59 2.25 -0.46	25.78 1.71 0.00	25.69 1.84 0.00	22.73 1.37 0.00	21.82 1.29 0.00	22.92 1.52 0.00	22.88 1.48 0.00	26.64 1.76 -0.02	30.47 1.89 0.00	36.44 2.42 0.00	33.20 2.14 0.00	27.31 1.84 0.00	25.74 1.77 0.00	23.20 1.50 -0.22	23.63 1.52 -0.12
ARTHUR_KILL_COGEN 323718	26.63 1.14 -12.95	24.01 1.05 -10.35	22.66 1.08 -8.60	22.45 1.02 -9.14	21.83 1.07 -7.83	25.89 1.26 -9.96	24.81 1.29 -6.28	31.94 1.41 -11.15	31.82 1.72 -7.24	31.64 2.31 -0.46	25.71 1.64 0.00	25.74 1.88 0.00	22.70 1.35 0.00	21.80 1.27 0.00	22.96 1.56 0.00	22.92 1.52 0.00	26.74 1.86 -0.02	30.53 1.94 0.00	36.19 2.18 0.01	33.32 2.27 0.00	27.29 1.81 0.00	26.10 2.13 0.00	23.65 1.95 -0.22	24.28 2.16 -0.13
ASHOKAN____ 23654	27.17 0.24 -14.39	24.29 0.18 -11.50	22.73 0.19 -9.55	22.62 0.17 -10.16	21.81 0.18 -8.70	25.91 0.18 -11.07	24.38 0.15 -6.99	32.06 0.27 -12.42	31.27 0.34 -8.06	29.73 0.35 -0.51	25.15 1.08 0.00	24.90 1.05 0.00	22.11 0.75 0.00	21.14 0.62 0.00	22.26 0.86 0.00	22.32 0.92 0.00	26.09 1.22 -0.02	30.15 1.57 0.00	35.89 1.87 0.00	32.73 1.68 0.00	26.98 1.50 0.00	25.38 1.41 0.00	22.86 1.14 -0.25	23.31 1.19 -0.13

ASTORIA_GT_10 24110	26.46 0.98 -12.94	23.90 0.95 -10.35	22.56 0.99 -8.59	22.35 0.92 -9.14	21.71 0.96 -7.82	25.77 1.14 -9.95	24.69 1.17 -6.29	31.88 1.34 -11.16	31.80 1.69 -7.25	31.59 2.25 -0.46	25.71 1.64 0.00	25.72 1.86 0.00	22.77 1.41 0.00	21.80 1.27 0.00	23.01 1.61 0.00	22.86 1.46 0.00	26.64 1.76 -0.02	30.44 1.86 0.00	36.34 2.31 0.00	33.26 2.20 0.00	27.21 1.73 0.00	25.72 1.75 0.00	23.20 1.50 -0.22	23.81 1.69 -0.12
ASTORIA_GT_11 24225	26.46 0.98 -12.94	23.90 0.95 -10.35	22.56 0.99 -8.59	22.35 0.92 -9.14	21.71 0.96 -7.82	25.77 1.14 -9.95	24.69 1.17 -6.29	31.88 1.34 -11.16	31.80 1.69 -7.25	31.59 2.25 -0.46	25.71 1.64 0.00	25.72 1.86 0.00	22.77 1.41 0.00	21.80 1.27 0.00	23.01 1.61 0.00	22.86 1.46 0.00	26.64 1.76 -0.02	30.44 1.86 0.00	36.34 2.31 0.00	33.26 2.20 0.00	27.21 1.73 0.00	25.72 1.75 0.00	23.20 1.50 -0.22	23.81 1.69 -0.12
ASTORIA_GT_12 24226	26.46 0.98 -12.94	23.90 0.95 -10.35	22.56 0.99 -8.59	22.35 0.92 -9.14	21.71 0.96 -7.82	25.77 1.14 -9.95	24.69 1.17 -6.29	31.88 1.34 -11.16	31.80 1.69 -7.25	31.59 2.25 -0.46	25.71 1.64 0.00	25.72 1.86 0.00	22.77 1.41 0.00	21.80 1.27 0.00	23.01 1.61 0.00	22.86 1.46 0.00	26.64 1.76 -0.02	30.44 1.86 0.00	36.34 2.31 0.00	33.26 2.20 0.00	27.21 1.73 0.00	25.72 1.75 0.00	23.20 1.50 -0.22	23.81 1.69 -0.12
ASTORIA_GT_13 24227	26.46 0.98 -12.94	23.90 0.95 -10.35	22.56 0.99 -8.59	22.35 0.92 -9.14	21.71 0.96 -7.82	25.77 1.14 -9.95	24.69 1.17 -6.29	31.88 1.34 -11.16	31.80 1.69 -7.25	31.59 2.25 -0.46	25.71 1.64 0.00	25.72 1.86 0.00	22.77 1.41 0.00	21.80 1.27 0.00	23.01 1.61 0.00	22.86 1.46 0.00	26.64 1.76 -0.02	30.44 1.86 0.00	36.34 2.31 0.00	33.26 2.20 0.00	27.21 1.73 0.00	25.72 1.75 0.00	23.20 1.50 -0.22	23.81 1.69 -0.12
ASTORIA_GT_5 24106	26.51 1.02 -12.95	24.02 1.06 -10.35	22.67 1.09 -8.60	22.47 1.03 -9.14	21.83 1.07 -7.83	25.92 1.29 -9.96	24.69 1.17 -6.28	31.80 1.28 -11.14	31.76 1.67 -7.23	31.52 2.19 -0.45	25.70 1.64 0.01	25.68 1.84 0.01	22.63 1.28 0.01	21.70 1.19 0.01	22.85 1.46 0.01	22.79 1.39 0.01	26.53 1.67 -0.01	30.23 1.66 0.01	36.16 2.14 0.01	32.97 1.93 0.01	27.10 1.63 0.01	25.59 1.63 0.01	23.09 1.40 -0.21	23.83 1.72 -0.12
ASTORIA_GT_7 24107	26.51 1.02 -12.95	24.02 1.06 -10.35	22.67 1.09 -8.60	22.47 1.03 -9.14	21.83 1.07 -7.83	25.92 1.29 -9.96	24.69 1.17 -6.28	31.80 1.28 -11.14	31.76 1.67 -7.23	31.52 2.19 -0.45	25.70 1.64 0.01	25.68 1.84 0.01	22.63 1.28 0.01	21.70 1.19 0.01	22.85 1.46 0.01	22.79 1.39 0.01	26.53 1.67 -0.01	30.23 1.66 0.01	36.16 2.14 0.01	32.97 1.93 0.01	27.10 1.63 0.01	25.59 1.63 0.01	23.09 1.40 -0.21	23.83 1.72 -0.12
ASTORIA_GT_8 24108	26.50 1.02 -12.94	24.01 1.06 -10.35	22.66 1.09 -8.59	22.46 1.03 -9.14	21.82 1.07 -7.82	25.91 1.29 -9.95	24.68 1.15 -6.29	31.80 1.26 -11.16	31.76 1.65 -7.25	31.53 2.19 -0.46	25.66 1.59 0.00	25.67 1.81 0.00	22.66 1.30 0.00	21.71 1.19 0.00	22.90 1.50 0.00	22.77 1.37 0.00	26.54 1.67 -0.02	30.27 1.69 0.00	36.17 2.14 0.00	33.07 2.02 0.00	27.11 1.63 0.00	25.58 1.61 0.00	23.07 1.37 -0.22	23.83 1.72 -0.12
ASTORIA___2 24149	26.48 0.99 -12.95	23.99 1.03 -10.35	22.66 1.08 -8.60	22.44 1.01 -9.14	21.82 1.06 -7.83	25.90 1.28 -9.96	24.65 1.14 -6.28	31.76 1.24 -11.14	31.74 1.65 -7.23	31.49 2.17 -0.45	25.65 1.59 0.01	25.64 1.79 0.01	22.59 1.24 0.01	21.68 1.17 0.01	22.81 1.41 0.01	22.77 1.37 0.01	26.48 1.61 -0.01	30.20 1.63 0.01	36.09 2.08 0.01	32.91 1.86 0.01	27.05 1.58 0.01	25.57 1.61 0.01	23.05 1.35 -0.21	23.78 1.67 -0.12
ASTORIA___3 23516	26.47 0.98 -12.95	23.91 0.95 -10.35	22.57 0.99 -8.60	22.36 0.92 -9.14	21.72 0.96 -7.83	25.77 1.14 -9.96	24.69 1.17 -6.28	31.88 1.36 -11.15	31.84 1.74 -7.24	31.61 2.28 -0.46	25.76 1.68 0.00	25.72 1.86 0.00	22.73 1.37 0.00	21.82 1.29 0.00	22.94 1.54 0.00	22.90 1.50 0.00	26.64 1.76 -0.02	30.41 1.83 0.00	36.34 2.31 0.00	33.17 2.11 0.00	27.21 1.73 0.00	25.74 1.77 0.00	23.22 1.53 -0.22	23.81 1.69 -0.12
ASTORIA___4 23517	26.46 0.98 -12.94	23.90 0.95 -10.35	22.56 0.99 -8.59	22.35 0.92 -9.14	21.71 0.96 -7.82	25.77 1.14 -9.95	24.69 1.17 -6.29	31.88 1.34 -11.16	31.80 1.69 -7.25	31.59 2.25 -0.46	25.71 1.64 0.00	25.72 1.86 0.00	22.77 1.41 0.00	21.80 1.27 0.00	23.01 1.61 0.00	22.86 1.46 0.00	26.64 1.76 -0.02	30.44 1.86 0.00	36.34 2.31 0.00	33.26 2.20 0.00	27.21 1.73 0.00	25.72 1.75 0.00	23.20 1.50 -0.22	23.81 1.69 -0.12
ASTORIA___5 23518	26.47 0.98 -12.95	23.91 0.95 -10.35	22.57 0.99 -8.60	22.36 0.92 -9.14	21.72 0.96 -7.83	25.77 1.14 -9.96	24.69 1.17 -6.28	31.88 1.36 -11.15	31.84 1.74 -7.24	31.61 2.28 -0.46	25.76 1.68 0.00	25.72 1.86 0.00	22.73 1.37 0.00	21.82 1.29 0.00	22.94 1.54 0.00	22.90 1.50 0.00	26.64 1.76 -0.02	30.41 1.83 0.00	36.34 2.31 0.00	33.17 2.11 0.00	27.21 1.73 0.00	25.74 1.77 0.00	23.22 1.53 -0.22	23.81 1.69 -0.12
AST_ENERGY_2_CC3 323677	26.37 0.89 -12.94	23.78 0.83 -10.35	22.46 0.88 -8.59	22.25 0.82 -9.13	21.60 0.85 -7.82	25.66 1.04 -9.95	24.64 1.14 -6.27	30.65 1.41 -9.86	30.06 1.78 -5.41	30.06 2.25 1.07	25.76 1.71 0.02	25.68 1.84 0.02	22.71 1.37 0.02	21.80 1.29 0.02	22.91 1.52 0.02	22.86 1.48 0.02	26.65 1.79 0.00	30.45 1.89 0.02	36.42 2.42 0.02	33.18 2.14 0.02	27.30 1.84 0.02	25.73 1.77 0.02	23.19 1.50 -0.20	23.64 1.54 -0.11
AST_ENERGY_2_CC4 323678	26.37 0.89 -12.94	23.78 0.83 -10.35	22.46 0.88 -8.59	22.25 0.82 -9.13	21.60 0.85 -7.82	25.66 1.04 -9.95	24.64 1.14 -6.27	30.65 1.41 -9.86	30.06 1.78 -5.41	30.06 2.25 1.07	25.76 1.71 0.02	25.68 1.84 0.02	22.71 1.37 0.02	21.80 1.29 0.02	22.91 1.52 0.02	22.86 1.48 0.02	26.65 1.79 0.00	30.45 1.89 0.02	36.42 2.42 0.02	33.18 2.14 0.02	27.30 1.84 0.02	25.73 1.77 0.02	23.19 1.50 -0.20	23.64 1.54 -0.11
ATHENS_STG_1 23668	27.43 0.49 -14.40	24.60 0.48 -11.51	23.05 0.51 -9.56	22.93 0.48 -10.16	22.14 0.50 -8.70	26.31 0.57 -11.07	24.86 0.64 -6.99	32.60 0.81 -12.41	31.93 1.00 -8.06	30.65 1.27 -0.51	25.06 0.99 0.00	24.88 1.03 0.00	22.11 0.75 0.00	21.22 0.70 0.00	22.24 0.83 0.00	22.24 0.83 0.00	25.92 1.04 -0.02	29.73 1.14 0.00	35.42 1.40 0.00	32.26 1.21 0.00	26.55 1.07 0.00	25.00 1.03 0.00	22.58 0.86 -0.25	22.98 0.86 -0.13
ATHENS_STG_2 23670	27.43 0.49 -14.40	24.60 0.48 -11.51	23.05 0.51 -9.56	22.93 0.48 -10.16	22.14 0.50 -8.70	26.31 0.57 -11.07	24.86 0.64 -6.99	32.60 0.81 -12.41	31.93 1.00 -8.06	30.65 1.27 -0.51	25.06 0.99 0.00	24.88 1.03 0.00	22.11 0.75 0.00	21.22 0.70 0.00	22.24 0.83 0.00	22.24 0.83 0.00	25.92 1.04 -0.02	29.73 1.14 0.00	35.42 1.40 0.00	32.26 1.21 0.00	26.55 1.07 0.00	25.00 1.03 0.00	22.58 0.86 -0.25	22.98 0.86 -0.13

ATHENS_STG_3 23677	27.43 0.49 -14.40	24.60 0.48 -11.51	23.05 0.51 -9.56	22.93 0.48 -10.16	22.14 0.50 -8.70	26.31 0.57 -11.07	24.86 0.64 -6.99	32.60 0.81 -12.41	31.93 1.00 -8.06	30.65 1.27 -0.51	25.06 0.99 0.00	24.88 1.03 0.00	22.11 0.75 0.00	21.22 0.70 0.00	22.24 0.83 0.00	22.24 0.83 0.00	25.92 1.04 -0.02	29.73 1.14 0.00	35.42 1.40 0.00	32.26 1.21 0.00	26.55 1.07 0.00	25.00 1.03 0.00	22.58 0.86 -0.25	22.98 0.86 -0.13
AUBURN____LFGE 323710	15.65 0.13 -2.98	15.13 0.14 -2.38	15.10 0.14 -1.98	14.53 0.14 -2.10	14.87 0.14 -1.80	17.12 0.16 -2.29	18.80 0.12 -1.45	22.20 0.25 -2.57	24.81 0.27 -1.67	29.27 0.29 -0.11	24.41 0.34 0.00	24.09 0.24 0.00	21.53 0.17 0.00	20.65 0.12 0.00	21.57 0.17 0.00	21.55 0.15 0.00	25.08 0.22 0.00	28.90 0.31 0.00	34.40 0.37 0.00	31.30 0.25 0.00	25.73 0.25 0.00	24.14 0.17 0.00	21.62 0.09 -0.05	22.15 0.13 -0.03
BABYLON_RES_REC 323704	26.91 1.23 -13.14	24.16 1.20 -10.35	22.76 1.19 -8.59	22.54 1.12 -9.13	21.90 1.15 -7.82	25.97 1.35 -9.95	33.82 1.57 -15.02	38.65 1.88 -17.39	34.79 2.42 -9.50	32.47 3.00 -0.59	28.47 2.36 -2.04	26.31 2.43 -0.02	23.27 1.90 -0.01	22.31 1.78 0.00	23.77 2.08 -0.29	24.33 2.03 -0.89	27.29 2.41 -0.03	33.30 2.72 -2.01	37.37 3.34 -0.01	35.42 2.98 -1.38	34.17 2.52 -6.17	31.48 2.42 -5.09	27.83 2.04 -4.31	24.17 2.05 -0.13
BABYLON__69_KV_BK2 356345	27.00 1.33 -13.13	24.25 1.30 -10.34	22.87 1.30 -8.59	22.64 1.22 -9.13	22.00 1.25 -7.82	26.07 1.45 -9.95	33.89 1.64 -15.02	38.75 1.98 -17.40	34.97 2.61 -9.50	32.69 3.23 -0.58	28.67 2.58 -2.03	26.52 2.65 -0.01	23.47 2.11 0.00	22.47 1.95 0.00	23.98 2.29 -0.28	24.49 2.20 -0.88	27.56 2.68 -0.02	33.64 3.06 -2.00	37.76 3.74 0.00	35.87 3.45 -1.37	34.44 2.80 -6.16	31.74 2.68 -5.09	28.04 2.26 -4.30	24.38 2.27 -0.12
BALL_HILL_WT_PWR 323825	15.79 -0.28 -3.52	15.27 -0.15 -2.82	15.20 -0.12 -2.34	14.71 -0.07 -2.49	15.05 -0.01 -2.13	17.19 -0.19 -2.71	18.38 -0.59 -1.73	22.22 -0.23 -3.07	24.59 -0.27 -1.99	28.48 -0.52 -0.13	24.29 0.22 0.00	23.90 0.05 0.00	21.40 0.04 0.00	20.48 -0.04 0.00	21.40 0.00 0.00	21.30 -0.11 0.00	24.61 -0.25 -0.01	28.55 -0.03 0.00	33.58 -0.44 0.00	31.15 0.09 0.00	25.27 -0.20 0.00	23.68 -0.29 0.00	21.11 -0.43 -0.06	21.96 -0.07 -0.03
BARON_WINDS____WT_PWR 323822	16.56 -0.18 -4.20	15.87 -0.09 -3.35	15.70 -0.06 -2.79	15.23 -0.02 -2.96	15.48 0.01 -2.54	17.85 -0.04 -3.23	19.04 -0.24 -2.05	23.11 0.10 -3.64	25.34 0.11 -2.36	29.02 0.00 -0.15	24.50 0.43 0.00	24.12 0.26 0.00	21.57 0.21 0.00	20.67 0.14 0.00	21.60 0.19 0.00	21.55 0.15 0.00	25.03 0.18 -0.01	28.95 0.37 0.00	34.23 0.21 0.00	31.52 0.47 0.00	25.71 0.23 0.00	24.12 0.14 0.00	21.53 -0.02 -0.07	22.21 0.18 -0.04
BARRETT_IC_1 23704	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13
BARRETT_IC_10 23701	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13
BARRETT_IC_11 23702	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13
BARRETT_IC_12 23703	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13
BARRETT_IC_2 23705	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13
BARRETT_IC_3 23706	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13
BARRETT_IC_4 23707	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13
BARRETT_IC_5 23708	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13
BARRETT_IC_6 23709	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13

BARRETT_IC_7 23710	26.72 1.05 -13.13	23.97 1.02 -10.34	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.40	34.38 2.01 -9.50	32.08 2.63 -0.58	28.07 1.97 -2.03	25.99 2.12 -0.01	23.05 1.69 0.00	22.06 1.54 0.00	23.55 1.86 -0.28	24.02 1.73 -0.88	26.96 2.09 -0.02	32.78 2.20 -2.00	36.78 2.76 0.00	35.01 2.58 -1.37	33.73 2.09 -6.16	31.05 1.99 -5.09	27.50 1.72 -4.30	23.94 1.83 -0.12
BARRETT_IC_8 23711	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13
BARRETT_IC_9 23700	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13
BARRETT___1 23545	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13
BARRETT___2 23546	26.73 1.05 -13.14	23.98 1.02 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.60 1.34 -15.02	38.36 1.59 -17.39	34.40 2.03 -9.50	32.09 2.63 -0.59	28.10 2.00 -2.04	26.00 2.12 -0.02	23.03 1.67 -0.01	22.08 1.56 0.00	23.51 1.82 -0.29	24.05 1.76 -0.89	26.94 2.06 -0.03	32.79 2.20 -2.01	36.82 2.79 -0.01	34.92 2.49 -1.38	33.74 2.09 -6.17	31.08 2.01 -5.09	27.53 1.74 -4.31	23.94 1.82 -0.13
BATAVIA___115KV_TB1 55881	15.69 -0.06 -3.22	15.21 0.04 -2.57	15.18 0.06 -2.13	14.66 0.10 -2.27	14.99 0.12 -1.94	17.13 -0.01 -2.47	18.40 -0.41 -1.58	22.01 -0.17 -2.81	24.58 -0.11 -1.82	28.70 -0.29 -0.12	24.19 0.12 0.00	23.74 -0.12 0.00	21.27 -0.09 0.00	20.36 -0.16 0.00	21.30 -0.11 0.00	21.19 -0.21 0.00	24.51 -0.35 -0.01	28.44 -0.14 0.00	33.51 -0.51 0.00	30.59 -0.47 0.00	25.25 -0.23 0.00	23.61 -0.36 0.00	21.06 -0.47 -0.06	21.82 -0.20 -0.03
BAYONEEC___CTG1 323682	26.40 0.91 -12.94	23.82 0.87 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	25.69 1.07 -9.95	24.70 1.19 -6.28	32.00 1.47 -11.15	31.95 1.85 -7.24	31.67 2.34 -0.46	25.85 1.78 0.00	25.76 1.91 0.00	22.79 1.43 0.00	21.88 1.35 0.00	22.99 1.58 0.00	22.94 1.54 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.54 2.52 0.00	33.29 2.24 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.27 1.57 -0.22	23.70 1.58 -0.12
BAYONEEC___CTG10 323750	26.40 0.91 -12.94	23.82 0.87 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	25.69 1.07 -9.95	24.70 1.19 -6.28	32.00 1.47 -11.15	31.95 1.85 -7.24	31.67 2.34 -0.46	25.85 1.78 0.00	25.76 1.91 0.00	22.79 1.43 0.00	21.88 1.35 0.00	22.99 1.58 0.00	22.94 1.54 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.54 2.52 0.00	33.29 2.24 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.27 1.57 -0.22	23.70 1.58 -0.12
BAYONEEC___CTG2 323683	26.40 0.91 -12.94	23.82 0.87 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	25.69 1.07 -9.95	24.70 1.19 -6.28	32.00 1.47 -11.15	31.95 1.85 -7.24	31.67 2.34 -0.46	25.85 1.78 0.00	25.76 1.91 0.00	22.79 1.43 0.00	21.88 1.35 0.00	22.99 1.58 0.00	22.94 1.54 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.54 2.52 0.00	33.29 2.24 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.27 1.57 -0.22	23.70 1.58 -0.12
BAYONEEC___CTG3 323684	26.40 0.91 -12.94	23.82 0.87 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	25.69 1.07 -9.95	24.70 1.19 -6.28	32.00 1.47 -11.15	31.95 1.85 -7.24	31.67 2.34 -0.46	25.85 1.78 0.00	25.76 1.91 0.00	22.79 1.43 0.00	21.88 1.35 0.00	22.99 1.58 0.00	22.94 1.54 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.54 2.52 0.00	33.29 2.24 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.27 1.57 -0.22	23.70 1.58 -0.12
BAYONEEC___CTG4 323685	26.40 0.91 -12.94	23.82 0.87 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	25.69 1.07 -9.95	24.70 1.19 -6.28	32.00 1.47 -11.15	31.95 1.85 -7.24	31.67 2.34 -0.46	25.85 1.78 0.00	25.76 1.91 0.00	22.79 1.43 0.00	21.88 1.35 0.00	22.99 1.58 0.00	22.94 1.54 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.54 2.52 0.00	33.29 2.24 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.27 1.57 -0.22	23.70 1.58 -0.12
BAYONEEC___CTG5 323686	26.40 0.91 -12.94	23.82 0.87 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	25.69 1.07 -9.95	24.70 1.19 -6.28	32.00 1.47 -11.15	31.95 1.85 -7.24	31.67 2.34 -0.46	25.85 1.78 0.00	25.76 1.91 0.00	22.79 1.43 0.00	21.88 1.35 0.00	22.99 1.58 0.00	22.94 1.54 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.54 2.52 0.00	33.29 2.24 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.27 1.57 -0.22	23.70 1.58 -0.12
BAYONEEC___CTG6 323687	26.40 0.91 -12.94	23.82 0.87 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	25.69 1.07 -9.95	24.70 1.19 -6.28	32.00 1.47 -11.15	31.95 1.85 -7.24	31.67 2.34 -0.46	25.85 1.78 0.00	25.76 1.91 0.00	22.79 1.43 0.00	21.88 1.35 0.00	22.99 1.58 0.00	22.94 1.54 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.54 2.52 0.00	33.29 2.24 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.27 1.57 -0.22	23.70 1.58 -0.12
BAYONEEC___CTG7 323688	26.40 0.91 -12.94	23.82 0.87 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	25.69 1.07 -9.95	24.70 1.19 -6.28	32.00 1.47 -11.15	31.95 1.85 -7.24	31.67 2.34 -0.46	25.85 1.78 0.00	25.76 1.91 0.00	22.79 1.43 0.00	21.88 1.35 0.00	22.99 1.58 0.00	22.94 1.54 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.54 2.52 0.00	33.29 2.24 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.27 1.57 -0.22	23.70 1.58 -0.12
BAYONEEC___CTG8 323689	26.40 0.91 -12.94	23.82 0.87 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	25.69 1.07 -9.95	24.70 1.19 -6.28	32.00 1.47 -11.15	31.95 1.85 -7.24	31.67 2.34 -0.46	25.85 1.78 0.00	25.76 1.91 0.00	22.79 1.43 0.00	21.88 1.35 0.00	22.99 1.58 0.00	22.94 1.54 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.54 2.52 0.00	33.29 2.24 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.27 1.57 -0.22	23.70 1.58 -0.12

BAYONEEC___CTG9 323749	26.40 0.91 -12.94	23.82 0.87 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	25.69 1.07 -9.95	24.70 1.19 -6.28	32.00 1.47 -11.15	31.95 1.85 -7.24	31.67 2.34 -0.46	25.85 1.78 0.00	25.76 1.91 0.00	22.79 1.43 0.00	21.88 1.35 0.00	22.99 1.58 0.00	22.94 1.54 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.54 2.52 0.00	33.29 2.24 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.27 1.57 -0.22	23.70 1.58 -0.12
BEACON___LESR 323632	29.13 0.56 -16.03	26.01 0.59 -12.81	24.23 0.61 -10.64	24.18 0.58 -11.31	23.24 0.62 -9.68	27.67 0.68 -12.32	25.82 0.79 -7.80	34.21 0.99 -13.84	32.95 1.10 -8.98	30.77 1.33 -0.57	25.13 1.06 0.00	24.93 1.07 0.00	22.15 0.79 0.00	21.24 0.72 0.00	22.26 0.86 0.00	22.34 0.94 0.00	26.05 1.17 -0.03	29.93 1.34 0.00	35.52 1.50 0.00	32.36 1.30 0.00	26.67 1.20 0.00	25.12 1.15 0.00	22.76 1.01 -0.27	23.04 0.90 -0.15
BEAVER RIVER___HYD 24048	11.98 -0.06 0.49	11.60 -0.11 0.89	11.82 -0.12 1.04	11.39 -0.12 0.78	11.17 -0.13 1.63	15.34 -0.15 -0.82	17.65 -0.10 -0.52	20.10 -0.19 -0.92	23.35 -0.11 -0.59	28.74 -0.17 -0.04	23.95 -0.12 0.00	23.62 -0.24 0.00	21.10 -0.26 0.00	20.26 -0.27 0.00	21.12 -0.28 0.00	21.19 -0.21 0.00	24.68 -0.17 0.00	28.47 -0.11 0.00	33.99 -0.03 0.00	31.05 0.00 0.00	25.33 -0.15 0.00	23.85 -0.12 0.00	21.43 -0.06 -0.02	21.80 -0.20 -0.01
BEEBEE_GT_13 23619	15.52 -0.01 -2.99	15.06 0.06 -2.39	15.03 0.06 -1.98	14.49 0.09 -2.11	14.83 0.09 -1.81	16.98 0.01 -2.30	18.46 -0.24 -1.47	21.93 -0.06 -2.62	24.49 -0.07 -1.70	28.84 -0.14 -0.11	24.07 0.00 0.00	23.69 -0.17 0.00	21.25 -0.11 0.00	20.36 -0.16 0.00	21.27 -0.13 0.00	21.19 -0.21 0.00	24.53 -0.32 0.00	28.35 -0.23 0.00	33.51 -0.51 0.00	30.59 -0.47 0.00	25.20 -0.28 0.00	23.61 -0.36 0.00	21.12 -0.41 -0.05	21.78 -0.24 -0.03
BENSHRST_27_KV_BENSHRST_1 355998	26.60 1.12 -12.94	23.99 1.03 -10.35	22.65 1.08 -8.59	22.44 1.01 -9.14	21.80 1.05 -7.82	25.88 1.26 -9.95	24.80 1.28 -6.29	32.01 1.47 -11.16	31.96 1.85 -7.25	31.85 2.51 -0.46	25.88 1.81 0.00	25.91 2.05 0.00	22.90 1.54 0.00	21.94 1.42 0.00	23.18 1.78 0.00	23.03 1.63 0.00	26.89 2.01 -0.02	30.70 2.12 0.00	36.61 2.59 0.00	33.57 2.52 0.00	27.44 1.96 0.00	25.98 2.01 0.00	23.46 1.76 -0.22	24.09 1.98 -0.12
BETHLEHEM___GRP 23843	29.00 0.41 -16.05	25.87 0.44 -12.82	24.09 0.45 -10.65	24.05 0.43 -11.32	23.08 0.45 -9.69	27.50 0.50 -12.34	25.60 0.57 -7.79	33.93 0.72 -13.84	32.56 0.71 -8.98	30.31 0.87 -0.57	24.74 0.67 0.00	24.55 0.69 0.00	21.87 0.51 0.00	20.97 0.45 0.00	22.02 0.62 0.00	21.98 0.58 0.00	25.67 0.80 -0.03	29.47 0.89 0.00	35.01 0.99 0.00	31.95 0.90 0.00	26.24 0.76 0.00	24.71 0.74 0.00	22.40 0.64 -0.27	22.73 0.59 -0.15
BETHLEHEM___GS1 323560	29.00 0.41 -16.05	25.87 0.44 -12.82	24.09 0.45 -10.65	24.05 0.43 -11.32	23.08 0.45 -9.69	27.50 0.50 -12.34	25.61 0.57 -7.81	33.95 0.72 -13.86	32.57 0.71 -8.99	30.31 0.87 -0.57	24.74 0.67 0.00	24.55 0.69 0.00	21.85 0.49 0.00	20.95 0.43 0.00	21.96 0.56 0.00	22.00 0.60 0.00	25.65 0.77 -0.03	29.44 0.86 0.00	35.01 0.99 0.00	31.86 0.81 0.00	26.24 0.76 0.00	24.71 0.74 0.00	22.40 0.64 -0.27	22.74 0.59 -0.15
BETHLEHEM___GS2 323561	29.00 0.41 -16.05	25.87 0.44 -12.82	24.09 0.45 -10.65	24.05 0.43 -11.32	23.08 0.45 -9.69	27.50 0.50 -12.34	25.61 0.57 -7.81	33.95 0.72 -13.86	32.57 0.71 -8.99	30.31 0.87 -0.57	24.74 0.67 0.00	24.55 0.69 0.00	21.85 0.49 0.00	20.95 0.43 0.00	21.96 0.56 0.00	22.00 0.60 0.00	25.65 0.77 -0.03	29.44 0.86 0.00	35.01 0.99 0.00	31.86 0.81 0.00	26.24 0.76 0.00	24.71 0.74 0.00	22.40 0.64 -0.27	22.74 0.59 -0.15
BETHLEHEM___GS3 323562	29.00 0.41 -16.05	25.87 0.44 -12.82	24.09 0.45 -10.65	24.05 0.43 -11.32	23.08 0.45 -9.69	27.50 0.50 -12.34	25.61 0.57 -7.81	33.95 0.72 -13.86	32.57 0.71 -8.99	30.31 0.87 -0.57	24.74 0.67 0.00	24.55 0.69 0.00	21.85 0.49 0.00	20.95 0.43 0.00	21.96 0.56 0.00	22.00 0.60 0.00	25.65 0.77 -0.03	29.44 0.86 0.00	35.01 0.99 0.00	31.86 0.81 0.00	26.24 0.76 0.00	24.71 0.74 0.00	22.40 0.64 -0.27	22.74 0.59 -0.15
BETHLEHEM___STEEL 23779	15.71 -0.30 -3.47	15.20 -0.18 -2.77	15.14 -0.14 -2.30	14.64 -0.10 -2.45	14.97 -0.05 -2.09	17.08 -0.25 -2.67	18.25 -0.69 -1.70	21.98 -0.43 -3.03	24.40 -0.43 -1.96	28.28 -0.72 -0.12	24.12 0.05 0.00	23.71 -0.14 0.00	21.27 -0.09 0.00	20.32 -0.21 0.00	21.25 -0.15 0.00	21.12 -0.28 0.00	24.41 -0.45 -0.01	28.30 -0.29 0.00	33.27 -0.75 0.00	30.40 -0.65 0.00	25.09 -0.38 0.00	23.52 -0.46 0.00	20.94 -0.60 -0.06	21.76 -0.26 -0.03
BETHLHEM_115KV_TB1 79974	29.00 0.43 -16.03	25.86 0.44 -12.82	24.08 0.45 -10.64	24.04 0.43 -11.32	23.08 0.47 -9.69	27.50 0.50 -12.33	25.61 0.59 -7.79	33.92 0.72 -13.83	32.60 0.75 -8.98	30.37 0.92 -0.57	24.79 0.72 0.00	24.59 0.74 0.00	21.91 0.56 0.00	21.02 0.49 0.00	22.07 0.66 0.00	22.02 0.62 0.00	25.70 0.82 -0.03	29.50 0.91 0.00	35.08 1.05 0.00	32.02 0.96 0.00	26.29 0.82 0.00	24.76 0.79 0.00	22.44 0.69 -0.27	22.78 0.64 -0.15
BETHPAGE_CC_5 323564	26.84 1.17 -13.14	24.09 1.14 -10.35	22.71 1.14 -8.59	22.49 1.07 -9.13	21.85 1.10 -7.82	25.91 1.29 -9.95	33.75 1.50 -15.02	38.59 1.82 -17.39	34.67 2.31 -9.50	32.38 2.91 -0.59	28.39 2.29 -2.04	26.26 2.39 -0.02	23.22 1.86 -0.01	22.27 1.74 0.00	23.71 2.01 -0.29	24.26 1.97 -0.89	27.24 2.36 -0.03	33.22 2.63 -2.01	37.30 3.27 -0.01	35.39 2.95 -1.38	34.12 2.47 -6.17	31.44 2.37 -5.09	27.79 2.00 -4.31	24.12 2.00 -0.13
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.69 -0.34 -3.49	15.18 -0.21 -2.79	15.11 -0.18 -2.31	14.62 -0.14 -2.46	14.95 -0.09 -2.11	17.06 -0.29 -2.68	18.24 -0.71 -1.71	21.97 -0.45 -3.04	24.41 -0.43 -1.98	28.28 -0.72 -0.13	24.19 0.12 0.00	23.78 -0.07 0.00	21.34 -0.02 0.00	20.38 -0.14 0.00	21.32 -0.09 0.00	21.19 -0.21 0.00	24.48 -0.37 -0.01	28.38 -0.20 0.00	33.41 -0.61 0.00	30.50 -0.56 0.00	25.17 -0.31 0.00	23.59 -0.38 0.00	21.00 -0.54 -0.06	21.83 -0.20 -0.03
BINGHAMTON___COGEN 23790	18.10 0.16 -5.40	17.11 0.19 -4.32	16.76 0.19 -3.59	16.29 0.18 -3.81	16.40 0.21 -3.26	19.01 0.19 -4.15	20.00 0.14 -2.63	24.37 0.33 -4.67	26.31 0.41 -3.03	29.50 0.43 -0.19	24.60 0.53 0.00	24.31 0.45 0.00	21.70 0.34 0.00	20.79 0.27 0.00	21.79 0.39 0.00	21.70 0.30 0.00	25.26 0.40 -0.01	29.10 0.51 0.00	34.60 0.58 0.00	31.55 0.50 0.00	25.94 0.46 0.00	24.35 0.38 0.00	21.81 0.24 -0.09	22.37 0.33 -0.05
BIXINCNT_115KV_LOAD 355685	15.39 -0.73 -3.58	14.87 -0.59 -2.86	14.81 -0.55 -2.37	14.34 -0.48 -2.52	14.62 -0.47 -2.16	16.80 -0.62 -2.75	18.14 -0.84 -1.75	22.15 -0.35 -3.12	24.55 -0.34 -2.02	28.51 -0.49 -0.13	24.53 0.46 0.00	24.09 0.24 0.00	21.61 0.26 0.00	20.56 0.04 0.00	21.62 0.21 0.00	21.38 -0.02 0.00	24.78 -0.07 -0.01	28.73 0.14 0.00	33.89 -0.14 0.00	30.96 -0.09 0.00	25.48 0.00 0.00	23.85 -0.12 0.00	21.22 -0.32 -0.06	22.07 0.04 -0.03

BLACK RIVER___HYD 24047	12.95 0.00 -0.41	12.54 -0.05 0.01	12.71 -0.05 0.21	12.23 -0.06 0.00	12.19 -0.06 0.68	15.72 -0.09 -1.14	17.90 -0.05 -0.72	20.54 -0.12 -1.28	23.70 0.00 -0.83	28.87 -0.06 -0.05	24.02 -0.05 0.00	23.59 -0.26 0.00	21.06 -0.30 0.00	20.19 -0.33 0.00	21.06 -0.34 0.00	21.17 -0.23 0.00	24.71 -0.15 0.00	28.58 0.00 0.00	34.19 0.17 0.00	31.21 0.16 0.00	25.45 -0.03 0.00	23.92 -0.05 0.00	21.46 -0.04 -0.03	21.83 -0.18 -0.01
BLACKRVR_115KV_TB2 79977	12.95 0.00 -0.41	12.54 -0.05 0.01	12.71 -0.05 0.21	12.23 -0.06 0.00	12.19 -0.06 0.68	15.72 -0.09 -1.14	17.90 -0.05 -0.72	20.54 -0.12 -1.28	23.70 0.00 -0.83	28.87 -0.06 -0.05	24.02 -0.05 0.00	23.59 -0.26 0.00	21.06 -0.30 0.00	20.19 -0.33 0.00	21.06 -0.34 0.00	21.15 -0.26 0.00	24.71 -0.15 0.00	28.58 0.00 0.00	34.16 0.14 0.00	31.15 0.09 0.00	25.45 -0.03 0.00	23.92 -0.05 0.00	21.48 -0.02 -0.03	21.83 -0.18 -0.01
BLISS_WT_PWR 323608	15.28 -0.84 -3.58	14.77 -0.69 -2.86	14.71 -0.65 -2.37	14.24 -0.58 -2.52	14.52 -0.57 -2.16	16.70 -0.72 -2.75	18.09 -0.90 -1.75	22.20 -0.29 -3.12	24.55 -0.34 -2.02	28.51 -0.49 -0.13	24.55 0.48 0.00	24.12 0.26 0.00	21.62 0.26 0.00	20.56 0.04 0.00	21.62 0.21 0.00	21.38 -0.02 0.00	24.83 -0.02 -0.01	28.81 0.23 0.00	33.95 -0.07 0.00	31.43 0.37 0.00	25.48 0.00 0.00	23.85 -0.12 0.00	21.28 -0.26 -0.06	22.16 0.13 -0.03
BLUESTONE___WT_PWR 323821	18.79 0.68 -5.57	17.73 0.67 -4.45	17.38 0.70 -3.70	16.89 0.66 -3.93	17.01 0.71 -3.37	19.71 0.76 -4.28	20.82 0.88 -2.71	25.33 1.14 -4.81	27.56 1.58 -3.12	31.04 1.96 -0.20	25.85 1.78 0.00	25.40 1.55 0.00	22.60 1.24 0.00	21.63 1.11 0.00	22.67 1.26 0.00	22.64 1.24 0.00	26.40 1.54 -0.01	30.53 1.94 0.00	36.40 2.38 0.00	33.26 2.21 0.00	27.16 1.68 0.00	25.46 1.49 0.00	22.80 1.22 -0.10	23.19 1.14 -0.05
BLUE_CIRC_CHEM_DRP 24182	28.81 0.50 -15.77	25.73 0.52 -12.60	23.99 0.55 -10.47	23.94 0.52 -11.13	23.01 0.56 -9.53	27.40 0.60 -12.13	25.57 0.67 -7.66	33.81 0.83 -13.60	32.63 0.94 -8.83	30.59 1.15 -0.56	25.01 0.94 0.00	24.81 0.95 0.00	22.08 0.73 0.00	21.16 0.64 0.00	22.22 0.81 0.00	22.19 0.79 0.00	25.90 1.02 -0.02	29.75 1.17 0.00	35.32 1.29 0.00	32.23 1.18 0.00	26.50 1.02 0.00	24.95 0.98 0.00	22.61 0.86 -0.27	22.95 0.81 -0.15
BOC_GAS_DRP 24189	28.93 0.41 -15.98	25.81 0.43 -12.77	24.03 0.44 -10.61	23.99 0.42 -11.28	23.02 0.44 -9.65	27.44 0.48 -12.29	25.56 0.57 -7.76	33.85 0.70 -13.78	32.63 0.82 -8.94	30.45 1.01 -0.57	24.87 0.79 0.00	24.67 0.81 0.00	21.98 0.62 0.00	21.08 0.55 0.00	22.13 0.73 0.00	22.09 0.68 0.00	25.77 0.89 -0.03	29.55 0.97 0.00	35.18 1.16 0.00	32.11 1.06 0.00	26.37 0.89 0.00	24.81 0.84 0.00	22.48 0.73 -0.27	22.84 0.70 -0.15
BOONVILLE_115KV_TB1 79983	13.38 0.20 -0.64	13.18 0.16 -0.41	13.45 0.18 -0.29	12.83 0.16 -0.38	13.11 0.17 -0.01	15.55 0.19 -0.69	17.91 0.24 -0.44	20.41 0.25 -0.78	23.81 0.43 -0.51	29.45 0.55 -0.03	24.53 0.46 0.00	24.19 0.33 0.00	21.61 0.26 0.00	20.73 0.21 0.00	21.66 0.26 0.00	21.68 0.28 0.00	25.23 0.37 0.00	29.07 0.49 0.00	34.70 0.68 0.00	31.64 0.59 0.00	25.88 0.41 0.00	24.33 0.36 0.00	21.82 0.32 -0.02	22.24 0.24 -0.01
BORALEX_4TH_BRANCH 23824	29.10 0.59 -15.97	25.99 0.62 -12.77	24.21 0.62 -10.60	24.16 0.59 -11.27	23.22 0.63 -9.65	27.63 0.67 -12.28	25.73 0.74 -7.76	34.08 0.93 -13.78	32.97 1.17 -8.94	30.89 1.44 -0.57	25.25 1.18 0.00	25.07 1.22 0.00	22.30 0.94 0.00	21.38 0.86 0.00	22.47 1.07 0.00	22.43 1.03 0.00	26.24 1.37 -0.03	30.13 1.54 0.00	35.76 1.74 0.00	32.61 1.55 0.00	26.78 1.30 0.00	25.22 1.25 0.00	22.85 1.10 -0.27	23.17 1.03 -0.15
BOWLINE___1 23526	25.84 0.79 -12.51	23.36 0.76 -10.00	22.06 0.78 -8.30	21.84 0.73 -8.83	21.25 0.76 -7.56	25.19 0.91 -9.62	24.32 1.02 -6.07	31.43 1.28 -10.77	31.43 1.58 -6.99	31.31 1.99 -0.44	25.59 1.52 0.00	25.45 1.60 0.00	22.55 1.20 0.00	21.63 1.11 0.00	22.73 1.33 0.00	22.69 1.28 0.00	26.44 1.57 -0.02	30.27 1.69 0.00	36.20 2.18 0.00	32.98 1.93 0.00	27.13 1.66 0.00	25.55 1.58 0.00	23.00 1.31 -0.21	23.45 1.34 -0.12
BOWLINE___2 23595	25.84 0.79 -12.51	23.36 0.76 -10.00	22.06 0.78 -8.30	21.84 0.73 -8.83	21.25 0.76 -7.56	25.20 0.91 -9.62	24.32 1.02 -6.07	31.43 1.28 -10.77	31.44 1.58 -6.99	31.31 1.99 -0.44	25.59 1.52 0.00	25.45 1.60 0.00	22.55 1.20 0.00	21.63 1.11 0.00	22.73 1.33 0.00	22.69 1.28 0.00	26.44 1.57 -0.02	30.27 1.69 0.00	36.20 2.18 0.00	32.98 1.93 0.00	27.13 1.66 0.00	25.55 1.58 0.00	23.00 1.31 -0.21	23.45 1.34 -0.12
BRADY___115KV_TB2 356060	6.17 -0.11 6.25	5.61 -0.14 6.86	5.89 -0.16 6.93	5.92 -0.16 6.21	5.39 -0.17 7.37	14.69 -0.18 -0.20	17.29 -0.07 -0.13	19.35 -0.25 -0.23	22.78 -0.23 -0.15	28.62 -0.26 -0.01	23.97 -0.10 0.00	23.74 -0.12 0.00	21.36 0.00 0.00	20.60 0.08 0.00	21.32 -0.09 0.00	21.42 0.02 0.00	24.80 -0.05 0.00	28.53 -0.06 0.00	33.99 -0.03 0.00	31.12 0.06 0.00	25.38 -0.10 0.00	23.95 -0.02 0.00	21.55 0.06 0.00	21.95 -0.04 0.00
BRANSCOMB___SOLAR 323811	29.72 0.70 -16.48	26.49 0.72 -13.17	24.66 0.74 -10.94	24.63 0.71 -11.63	23.65 0.76 -9.95	28.17 0.84 -12.67	26.19 0.93 -8.03	34.76 1.12 -14.26	33.54 1.42 -9.25	31.22 1.76 -0.59	25.49 1.42 0.00	25.31 1.46 0.00	22.47 1.11 0.00	21.42 0.90 0.00	22.45 1.05 0.00	22.49 1.09 0.00	26.22 1.34 -0.03	30.18 1.60 0.00	35.82 1.80 0.00	32.61 1.55 0.00	26.90 1.43 0.00	25.29 1.32 0.00	22.98 1.22 -0.28	23.38 1.23 -0.15
BRENTWOD_69_KV_W. BRTWOOD 56703	26.92 1.25 -13.13	24.17 1.22 -10.34	22.79 1.22 -8.59	22.57 1.14 -9.13	21.94 1.19 -7.82	26.00 1.38 -9.95	33.77 1.52 -15.02	38.59 1.82 -17.40	34.84 2.47 -9.50	32.52 3.06 -0.58	28.51 2.41 -2.03	26.35 2.48 -0.01	23.34 1.99 0.00	22.35 1.83 0.00	23.85 2.16 -0.28	24.34 2.05 -0.88	27.43 2.56 -0.02	33.47 2.89 -2.00	37.46 3.44 0.00	35.60 3.17 -1.37	34.26 2.62 -6.16	31.57 2.52 -5.09	27.91 2.13 -4.30	24.25 2.13 -0.12
BRISTLHL_115KV_TB1 79998	14.76 -0.10 -2.32	14.37 -0.09 -1.85	14.43 -0.09 -1.54	13.84 -0.09 -1.64	14.24 -0.09 -1.40	16.33 -0.12 -1.78	18.17 -0.19 -1.13	21.24 -0.14 -2.00	23.94 -0.23 -1.30	28.61 -0.35 -0.08	23.83 -0.24 0.00	23.57 -0.29 0.00	21.06 -0.30 0.00	20.21 -0.31 0.00	21.12 -0.28 0.00	21.08 -0.32 0.00	24.51 -0.35 0.00	28.18 -0.40 0.00	33.58 -0.44 0.00	30.59 -0.47 0.00	25.15 -0.33 0.00	23.64 -0.34 0.00	21.22 -0.30 -0.04	21.75 -0.26 -0.02
BROOKHAVEN___DRP 24191	26.96 1.29 -13.13	24.21 1.26 -10.34	22.82 1.25 -8.59	22.59 1.17 -9.13	21.95 1.20 -7.82	26.03 1.41 -9.95	33.79 1.53 -15.02	38.63 1.86 -17.40	34.88 2.52 -9.50	32.43 2.97 -0.58	28.43 2.33 -2.03	26.23 2.36 -0.01	23.24 1.88 0.00	22.31 1.79 0.00	23.76 2.08 -0.28	24.30 2.01 -0.88	27.46 2.58 -0.02	33.49 2.92 -2.00	37.46 3.44 0.00	35.53 3.11 -1.37	34.21 2.57 -6.16	31.50 2.45 -5.09	27.87 2.08 -4.30	24.20 2.09 -0.12

BROOKLYN_NAVY_YARD 23515	26.41 0.93 -12.94	23.83 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	25.71 1.09 -9.95	24.72 1.21 -6.28	32.02 1.49 -11.15	31.98 1.88 -7.24	31.73 2.40 -0.46	25.88 1.81 0.00	25.81 1.96 0.00	22.81 1.45 0.00	21.90 1.38 0.00	23.01 1.61 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.58 2.00 0.00	36.61 2.58 0.00	33.32 2.27 0.00	27.41 1.94 0.00	25.84 1.87 0.00	23.27 1.57 -0.22	23.72 1.60 -0.12
BROOKLYN___ARMY_DRP 323595	26.55 1.07 -12.94	23.95 1.00 -10.35	22.61 1.04 -8.59	22.40 0.97 -9.14	21.76 1.01 -7.82	25.82 1.20 -9.95	24.74 1.22 -6.29	31.94 1.40 -11.16	31.89 1.78 -7.25	31.70 2.37 -0.46	25.78 1.71 0.00	25.81 1.96 0.00	22.83 1.47 0.00	21.86 1.33 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.58 2.00 0.00	36.47 2.45 0.00	33.45 2.39 0.00	27.34 1.86 0.00	25.89 1.92 0.00	23.37 1.68 -0.22	24.00 1.89 -0.12
BROOKVLE_69_KV_TB1 55790	26.84 1.17 -13.13	24.08 1.13 -10.34	22.71 1.14 -8.59	22.49 1.07 -9.13	21.85 1.10 -7.82	25.91 1.29 -9.95	33.77 1.52 -15.02	38.61 1.84 -17.40	34.68 2.31 -9.50	32.40 2.95 -0.58	28.39 2.29 -2.03	26.28 2.41 -0.01	23.28 1.92 0.00	22.27 1.74 0.00	23.76 2.08 -0.28	24.23 1.95 -0.88	27.23 2.36 -0.02	33.21 2.63 -2.00	37.32 3.30 0.00	35.47 3.04 -1.37	34.11 2.47 -6.16	31.41 2.35 -5.09	27.76 1.98 -4.30	24.14 2.02 -0.12
BROOME_2_LFGE 323671	18.10 0.16 -5.40	17.11 0.19 -4.32	16.76 0.19 -3.59	16.29 0.18 -3.81	16.40 0.21 -3.26	19.01 0.19 -4.15	20.00 0.14 -2.63	24.39 0.35 -4.67	26.31 0.41 -3.03	29.50 0.43 -0.19	24.60 0.53 0.00	24.31 0.45 0.00	21.68 0.32 0.00	20.81 0.29 0.00	21.77 0.36 0.00	21.72 0.32 0.00	25.26 0.40 -0.01	29.10 0.52 0.00	34.60 0.58 0.00	31.64 0.59 0.00	25.94 0.46 0.00	24.35 0.38 0.00	21.83 0.26 -0.09	22.37 0.33 -0.05
BROOME___LFGE 323600	18.10 0.16 -5.40	17.11 0.19 -4.32	16.76 0.19 -3.59	16.29 0.18 -3.81	16.40 0.21 -3.26	19.01 0.19 -4.15	20.00 0.14 -2.63	24.39 0.35 -4.67	26.31 0.41 -3.03	29.50 0.43 -0.19	24.60 0.53 0.00	24.31 0.45 0.00	21.68 0.32 0.00	20.81 0.29 0.00	21.77 0.36 0.00	21.72 0.32 0.00	25.26 0.40 -0.01	29.10 0.52 0.00	34.60 0.58 0.00	31.64 0.59 0.00	25.94 0.46 0.00	24.35 0.38 0.00	21.83 0.26 -0.09	22.37 0.33 -0.05
BROWNFLS_115KV_TB_3_5 80003	10.04 -0.18 2.32	9.57 -0.21 2.83	9.83 -0.22 2.93	9.59 -0.22 2.48	8.79 -0.23 3.91	14.98 -0.26 -0.57	17.37 -0.22 -0.36	19.63 -0.39 -0.64	22.92 -0.37 -0.42	28.47 -0.43 -0.03	23.81 -0.26 0.00	23.54 -0.31 0.00	21.10 -0.26 0.00	20.30 -0.23 0.00	21.10 -0.30 0.00	21.19 -0.21 0.00	24.58 -0.27 0.00	28.24 -0.34 0.00	33.68 -0.34 0.00	30.77 -0.28 0.00	25.12 -0.36 0.00	23.75 -0.22 0.00	21.38 -0.11 -0.01	21.76 -0.24 -0.01
BROWNSV1_27_KV_LOAD 356125	26.52 1.04 -12.94	23.91 0.96 -10.35	22.58 1.01 -8.59	22.37 0.95 -9.13	21.73 0.98 -7.82	25.79 1.17 -9.95	24.83 1.31 -6.29	32.13 1.59 -11.16	32.12 2.01 -7.25	31.90 2.57 -0.46	26.00 1.93 0.00	25.95 2.10 0.00	22.98 1.62 0.00	22.02 1.50 0.00	23.20 1.80 0.00	23.07 1.67 0.00	26.93 2.06 -0.02	30.81 2.23 0.00	36.81 2.79 0.00	33.66 2.61 0.00	27.57 2.09 0.00	25.98 2.01 0.00	23.44 1.74 -0.22	23.92 1.80 -0.12
BURROWS___LYONSDAL 23803	13.09 0.14 -0.42	12.87 0.11 -0.15	13.13 0.12 -0.03	12.54 0.10 -0.15	12.72 0.10 0.31	15.50 0.12 -0.72	17.86 0.17 -0.45	20.34 0.16 -0.81	23.71 0.32 -0.52	29.28 0.38 -0.03	24.41 0.34 0.00	24.07 0.21 0.00	21.49 0.13 0.00	20.63 0.10 0.00	21.53 0.13 0.00	21.57 0.17 0.00	25.10 0.25 0.00	28.95 0.37 0.00	34.53 0.51 0.00	31.49 0.43 0.00	25.76 0.28 0.00	24.23 0.26 0.00	21.73 0.24 -0.02	22.13 0.13 -0.01
CAITHNESS_CC_1 323624	26.93 1.25 -13.14	24.18 1.22 -10.35	22.78 1.21 -8.59	22.55 1.13 -9.13	21.91 1.16 -7.82	25.98 1.36 -9.95	33.77 1.52 -15.02	38.59 1.82 -17.39	34.81 2.45 -9.50	32.38 2.91 -0.59	28.42 2.31 -2.04	26.22 2.34 -0.02	23.20 1.84 -0.01	22.27 1.74 0.00	23.69 1.99 -0.29	24.31 2.01 -0.89	27.39 2.51 -0.03	33.39 2.80 -2.01	37.40 3.37 -0.01	35.39 2.95 -1.38	34.17 2.52 -6.17	31.51 2.45 -5.09	27.85 2.06 -4.31	24.17 2.05 -0.13
CALPINE BETH_PAGE_GT4 24209	26.84 1.17 -13.13	24.08 1.13 -10.34	22.71 1.14 -8.59	22.49 1.07 -9.13	21.85 1.10 -7.82	25.91 1.29 -9.95	33.75 1.50 -15.02	38.59 1.82 -17.40	34.68 2.31 -9.50	32.37 2.92 -0.58	28.39 2.29 -2.03	26.26 2.39 -0.01	23.26 1.90 0.00	22.27 1.74 0.00	23.74 2.05 -0.28	24.23 1.95 -0.88	27.26 2.39 -0.02	33.24 2.66 -2.00	37.32 3.30 0.00	35.47 3.04 -1.37	34.11 2.47 -6.16	31.41 2.35 -5.09	27.78 2.00 -4.30	24.14 2.02 -0.12
CALPINE_BETH_PAGE_GT_4 323586	26.84 1.17 -13.14	24.09 1.14 -10.35	22.71 1.14 -8.59	22.49 1.07 -9.13	21.85 1.10 -7.82	25.91 1.29 -9.95	33.75 1.50 -15.02	38.61 1.84 -17.39	34.67 2.31 -9.50	32.38 2.91 -0.59	28.42 2.31 -2.04	26.26 2.39 -0.02	23.22 1.86 -0.01	22.27 1.74 0.00	23.71 2.01 -0.29	24.26 1.97 -0.89	27.24 2.36 -0.03	33.22 2.63 -2.01	37.33 3.30 -0.01	35.39 2.95 -1.38	34.12 2.47 -6.17	31.44 2.37 -5.09	27.79 2.00 -4.31	24.14 2.02 -0.13
CALPINE_BP_GT1 23823	26.84 1.17 -13.14	24.09 1.14 -10.35	22.71 1.14 -8.59	22.49 1.07 -9.13	21.85 1.10 -7.82	25.91 1.29 -9.95	33.75 1.50 -15.02	38.61 1.84 -17.39	34.67 2.31 -9.50	32.38 2.91 -0.59	28.42 2.31 -2.04	26.26 2.39 -0.02	23.22 1.86 -0.01	22.27 1.74 0.00	23.71 2.01 -0.29	24.26 1.97 -0.89	27.24 2.36 -0.03	33.22 2.63 -2.01	37.33 3.30 -0.01	35.39 2.95 -1.38	34.12 2.47 -6.17	31.44 2.37 -5.09	27.79 2.00 -4.31	24.14 2.02 -0.13
CALSPAN___DRP 24200	15.71 -0.30 -3.47	15.20 -0.18 -2.77	15.14 -0.14 -2.30	14.64 -0.10 -2.45	14.97 -0.05 -2.09	17.08 -0.25 -2.67	18.25 -0.69 -1.70	21.98 -0.43 -3.03	24.40 -0.43 -1.96	28.28 -0.72 -0.12	24.12 0.05 0.00	23.71 -0.14 0.00	21.27 -0.09 0.00	20.32 -0.21 0.00	21.25 -0.15 0.00	21.12 -0.28 0.00	24.41 -0.45 -0.01	28.30 -0.29 0.00	33.27 -0.75 0.00	30.40 -0.65 0.00	25.09 -0.38 0.00	23.52 -0.46 0.00	20.94 -0.60 -0.06	21.76 -0.26 -0.03
CALVERTON___SOLAR 323806	27.02 1.34 -13.14	24.27 1.31 -10.35	22.87 1.30 -8.59	22.64 1.22 -9.13	22.00 1.25 -7.82	26.07 1.45 -9.95	33.89 1.64 -15.02	38.72 1.96 -17.39	34.99 2.63 -9.50	32.56 3.09 -0.59	28.51 2.41 -2.04	26.29 2.41 -0.02	23.27 1.90 -0.01	22.37 1.85 0.00	23.77 2.08 -0.29	24.41 2.12 -0.89	27.54 2.66 -0.03	33.59 3.00 -2.01	37.60 3.57 -0.01	35.57 3.14 -1.38	34.32 2.67 -6.17	31.68 2.61 -5.09	27.94 2.15 -4.31	24.25 2.13 -0.13
CANDIGU_WT_PWR 323617	16.56 -0.18 -4.20	15.87 -0.09 -3.35	15.70 -0.06 -2.79	15.23 -0.02 -2.96	15.48 0.01 -2.54	17.85 -0.04 -3.23	19.04 -0.24 -2.05	23.11 0.10 -3.64	25.34 0.11 -2.36	29.02 0.00 -0.15	24.50 0.43 0.00	24.12 0.26 0.00	21.57 0.21 0.00	20.67 0.14 0.00	21.60 0.19 0.00	21.55 0.15 0.00	25.03 0.18 -0.01	28.95 0.37 0.00	34.23 0.21 0.00	31.52 0.47 0.00	25.71 0.23 0.00	24.12 0.14 0.00	21.53 -0.02 -0.07	22.21 0.18 -0.04

CARR STREET_E__SYR 24060	15.02 -0.01 -2.49	14.60 0.00 -1.99	14.64 0.00 -1.65	14.05 0.00 -1.76	14.44 0.00 -1.51	16.57 -0.01 -1.92	18.36 -0.09 -1.21	21.53 0.00 -2.15	24.19 -0.07 -1.40	28.82 -0.14 -0.09	24.02 -0.05 0.00	23.74 -0.12 0.00	21.21 -0.15 0.00	20.36 -0.16 0.00	21.28 -0.13 0.00	21.25 -0.15 0.00	24.71 -0.15 0.00	28.44 -0.14 0.00	33.82 -0.20 0.00	30.87 -0.19 0.00	25.33 -0.15 0.00	23.80 -0.17 0.00	21.35 -0.17 -0.04	21.90 -0.11 -0.02
CARTHAGE__PAPER 23857	12.54 -0.06 -0.06	12.14 -0.11 0.35	12.32 -0.13 0.53	11.86 -0.13 0.30	11.74 -0.14 1.05	15.52 -0.16 -1.02	17.75 -0.12 -0.64	20.32 -0.19 -1.14	23.49 -0.11 -0.74	28.72 -0.20 -0.05	23.90 -0.17 0.00	23.54 -0.31 0.00	21.02 -0.34 0.00	20.17 -0.35 0.00	21.04 -0.36 0.00	21.12 -0.28 0.00	24.65 -0.20 0.00	28.47 -0.11 0.00	34.06 0.03 0.00	31.09 0.03 0.00	25.35 -0.13 0.00	23.85 -0.12 0.00	21.42 -0.09 -0.02	21.78 -0.22 -0.01
CASSADAGA_WT_PWR 323784	15.59 -0.51 -3.57	15.13 -0.33 -2.85	15.10 -0.25 -2.37	14.66 -0.15 -2.52	15.05 -0.04 -2.16	17.24 -0.18 -2.74	18.47 -0.52 -1.75	22.43 -0.06 -3.11	24.98 0.09 -2.02	29.03 0.03 -0.13	24.89 0.82 0.00	24.52 0.67 0.00	21.96 0.60 0.00	20.97 0.45 0.00	21.92 0.51 0.00	21.81 0.41 0.00	25.23 0.37 -0.01	29.27 0.68 0.00	34.46 0.44 0.00	31.92 0.87 0.00	25.86 0.38 0.00	24.23 0.26 0.00	21.56 0.02 -0.06	22.38 0.35 -0.03
CE_DUNWOOD__DRP 24194	26.31 0.85 -12.91	23.75 0.82 -10.32	22.40 0.84 -8.57	22.19 0.79 -9.11	21.56 0.83 -7.80	25.58 0.98 -9.93	24.61 1.10 -6.27	31.87 1.36 -11.14	31.81 1.71 -7.23	31.50 2.17 -0.46	25.71 1.64 0.00	25.60 1.74 0.00	22.70 1.35 0.00	21.75 1.23 0.00	22.90 1.50 0.00	22.79 1.39 0.00	26.61 1.74 -0.02	30.47 1.89 0.00	36.40 2.38 0.00	33.26 2.20 0.00	27.26 1.78 0.00	25.70 1.73 0.00	23.14 1.44 -0.22	23.59 1.47 -0.12
CE_MILLWOOD__DRP 24193	26.22 0.83 -12.86	23.68 0.79 -10.28	22.33 0.82 -8.53	22.13 0.76 -9.07	21.50 0.80 -7.77	25.51 0.95 -9.89	24.55 1.07 -6.25	31.78 1.32 -11.09	31.71 1.65 -7.20	31.44 2.11 -0.46	25.66 1.59 0.00	25.55 1.69 0.00	22.66 1.30 0.00	21.71 1.19 0.00	22.86 1.46 0.00	22.75 1.35 0.00	26.56 1.69 -0.02	30.41 1.83 0.00	36.34 2.31 0.00	33.20 2.14 0.00	27.21 1.73 0.00	25.65 1.68 0.00	23.07 1.37 -0.22	23.52 1.41 -0.12
CE_NYC2_DRP 24202	26.46 0.98 -12.94	23.90 0.95 -10.35	22.56 0.99 -8.59	22.35 0.92 -9.14	21.71 0.96 -7.82	25.77 1.14 -9.95	24.69 1.17 -6.29	31.90 1.36 -11.16	31.85 1.74 -7.25	31.61 2.28 -0.46	25.73 1.66 0.00	25.74 1.88 0.00	22.79 1.43 0.00	21.82 1.29 0.00	23.01 1.61 0.00	22.88 1.48 0.00	26.66 1.79 -0.02	30.47 1.89 0.00	36.37 2.35 0.00	33.29 2.24 0.00	27.24 1.76 0.00	25.74 1.77 0.00	23.22 1.52 -0.22	23.81 1.69 -0.12
CE_NYC_DRP 24195	26.42 0.94 -12.94	23.83 0.88 -10.35	22.51 0.93 -8.59	22.30 0.87 -9.13	21.66 0.91 -7.82	25.72 1.10 -9.95	24.73 1.21 -6.29	31.93 1.47 -11.08	31.87 1.87 -7.13	31.60 2.37 -0.36	25.85 1.78 0.00	25.79 1.93 0.00	22.85 1.50 0.00	21.90 1.38 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.61 2.03 0.00	36.57 2.55 0.00	33.45 2.39 0.00	27.41 1.94 0.00	25.82 1.85 0.00	23.27 1.57 -0.22	23.74 1.63 -0.12
CHAFFEE__LFGE 323603	15.77 -0.29 -3.52	15.24 -0.18 -2.81	15.18 -0.14 -2.34	14.68 -0.10 -2.48	15.01 -0.05 -2.13	17.11 -0.26 -2.71	18.27 -0.69 -1.73	22.08 -0.37 -3.07	24.45 -0.41 -1.99	28.31 -0.69 -0.13	24.17 0.10 0.00	23.78 -0.07 0.00	21.29 -0.06 0.00	20.36 -0.16 0.00	21.28 -0.13 0.00	21.19 -0.21 0.00	24.51 -0.35 -0.01	28.44 -0.14 0.00	33.41 -0.61 0.00	31.02 -0.03 0.00	25.17 -0.30 0.00	23.59 -0.38 0.00	21.02 -0.52 -0.06	21.87 -0.15 -0.03
CHATEAUG_35_KV_LOAD 355732	-7.64 -0.70 19.48	-7.58 -0.72 19.47	-7.61 -0.77 19.82	-7.63 -0.73 19.20	4.13 -0.75 8.05	13.95 -0.72 0.00	16.75 -0.48 0.00	18.89 -0.48 0.00	22.48 -0.39 0.00	28.70 -0.17 0.00	24.07 0.00 0.00	24.02 0.17 0.00	21.57 0.21 0.00	20.87 0.35 0.00	21.66 0.26 0.00	21.77 0.36 0.00	25.22 0.37 0.00	29.15 0.57 0.00	34.67 0.65 0.00	31.80 0.75 0.00	25.91 0.43 0.00	24.33 0.36 0.00	21.84 0.37 0.00	22.25 0.26 0.00
CHATEAUG_WT_PWR 323614	-7.04 -0.77 18.81	-7.04 -0.79 18.85	-7.03 -0.82 19.19	-7.03 -0.77 18.54	3.94 -0.79 8.20	13.92 -0.75 0.00	16.70 -0.53 0.00	18.83 -0.54 0.00	22.43 -0.44 0.00	28.67 -0.20 0.00	24.02 -0.05 0.00	24.02 0.17 0.00	21.57 0.21 0.00	20.87 0.35 0.00	21.70 0.30 0.00	21.72 0.32 0.00	25.20 0.35 0.00	29.12 0.54 0.00	34.67 0.64 0.00	31.74 0.68 0.00	25.88 0.41 0.00	24.33 0.36 0.00	21.82 0.34 0.00	22.26 0.26 0.00
CHAT_HIGH_FALL_HYD 323578	-7.64 -0.70 19.48	-7.58 -0.72 19.47	-7.61 -0.77 19.82	-7.63 -0.73 19.20	4.13 -0.75 8.05	13.95 -0.72 0.00	16.75 -0.48 0.00	18.87 -0.50 0.00	22.48 -0.39 0.00	28.70 -0.17 0.00	24.05 -0.02 0.00	24.02 0.17 0.00	21.59 0.24 0.00	20.87 0.35 0.00	21.70 0.30 0.00	21.72 0.32 0.00	25.23 0.37 0.00	29.15 0.57 0.00	34.74 0.72 0.00	31.80 0.74 0.00	25.91 0.43 0.00	24.33 0.36 0.00	21.84 0.36 0.00	22.26 0.26 0.00
CHAUTAUQUA__LFGE 323629	15.81 -0.28 -3.54	15.30 -0.14 -2.83	15.24 -0.09 -2.35	14.77 -0.02 -2.50	15.12 0.05 -2.14	17.27 -0.12 -2.72	18.47 -0.50 -1.74	22.37 -0.10 -3.09	24.80 -0.07 -2.01	28.77 -0.23 -0.13	24.55 0.48 0.00	24.16 0.31 0.00	21.64 0.28 0.00	20.71 0.18 0.00	21.62 0.21 0.00	21.53 0.13 0.00	24.91 0.05 -0.01	28.87 0.29 0.00	33.95 -0.07 0.00	31.49 0.43 0.00	25.53 0.05 0.00	23.95 -0.02 0.00	21.32 -0.21 -0.06	22.16 0.13 -0.03
CHERRYST_13_KV_LD 356241	26.45 0.97 -12.94	23.87 0.92 -10.35	22.53 0.96 -8.59	22.34 0.91 -9.13	21.69 0.94 -7.82	25.75 1.13 -9.95	24.78 1.26 -6.29	31.99 1.53 -11.08	31.92 1.92 -7.13	31.69 2.45 -0.36	25.92 1.85 0.00	25.86 2.00 0.00	22.92 1.56 0.00	21.94 1.42 0.00	23.14 1.73 0.00	23.01 1.61 0.00	26.84 1.96 -0.02	30.70 2.12 0.00	36.68 2.65 0.00	33.51 2.45 0.00	27.46 1.99 0.00	25.89 1.92 0.00	23.31 1.61 -0.22	23.81 1.69 -0.12
CHESTROR_138KV_BK263 355645	25.15 0.69 -11.92	22.79 0.66 -9.52	21.57 0.67 -7.91	21.33 0.63 -8.41	20.79 0.66 -7.20	24.61 0.78 -9.16	23.88 0.86 -5.79	30.72 1.07 -10.28	30.88 1.35 -6.67	31.00 1.70 -0.42	25.35 1.28 0.00	25.19 1.34 0.00	22.38 1.03 0.00	21.45 0.92 0.00	22.56 1.16 0.00	22.47 1.07 0.00	26.21 1.34 -0.02	30.07 1.49 0.00	35.89 1.87 0.00	32.79 1.74 0.00	26.90 1.43 0.00	25.34 1.37 0.00	22.80 1.12 -0.20	23.25 1.14 -0.11
CH_MIDHUDSON__DRP 24192	26.53 0.78 -13.21	23.91 0.74 -10.56	22.51 0.77 -8.77	22.33 0.71 -9.32	21.66 0.75 -7.98	25.69 0.87 -10.16	24.63 0.98 -6.42	31.99 1.22 -11.39	31.79 1.53 -7.39	31.28 1.93 -0.47	25.54 1.47 0.00	25.41 1.55 0.00	22.55 1.20 0.00	21.61 1.09 0.00	22.75 1.35 0.00	22.64 1.24 0.00	26.46 1.59 -0.02	30.35 1.77 0.00	36.20 2.18 0.00	33.07 2.02 0.00	27.13 1.66 0.00	25.55 1.58 0.00	23.01 1.31 -0.23	23.43 1.32 -0.12

CH_MISC_IPPS 23765	26.34 0.85 -12.95	23.75 0.79 -10.35	22.41 0.83 -8.60	22.21 0.77 -9.14	21.56 0.80 -7.82	25.56 0.94 -9.96	24.57 1.05 -6.28	31.83 1.30 -11.15	31.73 1.62 -7.24	31.38 2.05 -0.46	25.63 1.56 0.00	25.48 1.62 0.00	22.58 1.22 0.00	21.65 1.13 0.00	22.75 1.35 0.00	22.73 1.33 0.00	26.51 1.64 -0.02	30.41 1.83 0.00	36.34 2.31 0.00	33.13 2.08 0.00	27.23 1.76 0.00	25.65 1.68 0.00	23.08 1.38 -0.22	23.52 1.41 -0.12
CH_RES_BVR_FALLS 23983	0.18 -0.48 11.89	-0.60 -0.48 12.73	-0.32 -0.48 12.82	0.16 -0.45 11.68	0.16 -0.48 12.30	14.20 -0.47 0.00	16.82 -0.41 0.00	18.89 -0.48 0.00	22.38 -0.48 0.00	28.35 -0.52 0.00	23.68 -0.39 0.00	23.50 -0.36 0.00	21.12 -0.23 0.00	20.32 -0.21 0.00	21.15 -0.26 0.00	21.17 -0.23 0.00	24.55 -0.30 0.00	28.24 -0.34 0.00	33.62 -0.41 0.00	30.68 -0.37 0.00	25.15 -0.33 0.00	23.66 -0.31 0.00	21.22 -0.26 0.00	21.70 -0.29 0.00
CH_RES_NIAGARA 23895	15.43 -0.44 -3.33	14.96 -0.30 -2.66	14.94 -0.25 -2.21	14.46 -0.18 -2.35	14.79 -0.15 -2.01	16.76 -0.47 -2.56	17.77 -1.07 -1.61	21.39 -0.89 -2.91	23.63 -1.12 -1.89	27.38 -1.62 -0.12	23.08 -0.99 0.00	22.69 -1.17 0.00	20.38 -0.98 0.00	19.50 -1.03 0.00	20.38 -1.03 0.00	20.27 -1.14 0.00	23.42 -1.44 -0.01	27.18 -1.40 0.00	31.78 -2.25 0.00	29.59 -1.46 0.00	24.00 -1.48 0.00	22.51 -1.46 0.00	20.07 -1.46 -0.06	20.99 -1.03 -0.03
CH_RES_SYRACUSE 23985	15.24 0.05 -2.65	14.79 0.06 -2.12	14.80 0.07 -1.76	14.22 0.06 -1.87	14.59 0.06 -1.60	16.76 0.06 -2.04	18.54 0.02 -1.29	21.78 0.12 -2.28	24.42 0.07 -1.48	29.00 0.03 -0.09	24.17 0.10 0.00	23.90 0.05 0.00	21.34 -0.02 0.00	20.48 -0.04 0.00	21.40 0.00 0.00	21.38 -0.02 0.00	24.86 0.00 0.00	28.61 0.03 0.00	34.02 0.00 0.00	31.05 0.00 0.00	25.48 0.00 0.00	23.95 -0.02 0.00	21.48 -0.04 -0.05	22.02 0.00 -0.02
CLINTON_WT_PWR 323605	-7.04 -0.77 18.81	-7.04 -0.79 18.85	-7.03 -0.82 19.19	-7.03 -0.77 18.54	3.94 -0.79 8.20	13.92 -0.75 0.00	16.70 -0.53 0.00	18.83 -0.54 0.00	22.43 -0.44 0.00	28.67 -0.20 0.00	24.02 -0.05 0.00	24.02 0.17 0.00	21.57 0.21 0.00	20.87 0.35 0.00	21.70 0.30 0.00	21.72 0.32 0.00	25.20 0.35 0.00	29.12 0.54 0.00	34.67 0.64 0.00	31.74 0.68 0.00	25.88 0.41 0.00	24.33 0.36 0.00	21.82 0.34 0.00	22.26 0.26 0.00
CLINTON__LFGE 323618	-6.97 -0.53 18.99	-6.97 -0.57 19.01	-6.97 -0.60 19.36	-6.99 -0.57 18.72	4.10 -0.67 8.16	14.05 -0.62 0.00	16.92 -0.31 0.00	19.11 -0.27 0.00	22.73 -0.14 0.00	28.99 0.12 0.00	24.31 0.24 0.00	24.28 0.43 0.00	21.83 0.47 0.00	21.12 0.60 0.00	21.94 0.54 0.00	21.98 0.58 0.00	25.52 0.67 0.00	29.55 0.97 0.00	35.21 1.19 0.00	32.26 1.21 0.00	26.24 0.76 0.00	24.64 0.67 0.00	22.10 0.62 0.00	22.50 0.51 0.00
COBBLENY_34_KV_TB1 80064	15.77 -0.29 -3.52	15.24 -0.18 -2.81	15.17 -0.14 -2.34	14.68 -0.10 -2.48	15.01 -0.05 -2.13	17.11 -0.26 -2.71	18.27 -0.69 -1.73	22.02 -0.43 -3.07	24.45 -0.41 -1.99	28.31 -0.69 -0.13	24.17 0.10 0.00	23.76 -0.10 0.00	21.32 -0.04 0.00	20.36 -0.16 0.00	21.30 -0.11 0.00	21.19 -0.21 0.00	24.46 -0.40 -0.01	28.38 -0.20 0.00	33.41 -0.61 0.00	30.50 -0.56 0.00	25.17 -0.31 0.00	23.59 -0.38 0.00	20.98 -0.56 -0.06	21.80 -0.22 -0.03
COFFEEN__115KV_TB3 355620	13.08 0.06 -0.48	12.65 0.00 -0.05	12.84 0.01 0.16	12.33 -0.01 -0.05	12.31 -0.01 0.61	15.80 -0.03 -1.17	18.00 0.03 -0.74	20.66 -0.02 -1.31	23.85 0.14 -0.85	29.01 0.09 -0.05	24.12 0.05 0.00	23.69 -0.17 0.00	21.12 -0.23 0.00	20.24 -0.29 0.00	21.12 -0.28 0.00	21.23 -0.17 0.00	24.80 -0.05 0.00	28.73 0.14 0.00	34.40 0.37 0.00	31.36 0.31 0.00	25.60 0.13 0.00	24.04 0.07 0.00	21.57 0.06 -0.03	21.92 -0.09 -0.01
COLDSPRG_115KV_BK1 355956	15.88 -0.28 -3.61	15.35 -0.14 -2.89	15.29 -0.09 -2.40	14.82 -0.02 -2.55	15.18 0.06 -2.18	17.39 -0.06 -2.78	18.61 -0.40 -1.77	22.54 0.02 -3.15	25.14 0.23 -2.04	29.18 0.17 -0.13	25.15 1.08 0.00	24.74 0.88 0.00	22.15 0.79 0.00	21.14 0.62 0.00	22.11 0.71 0.00	21.96 0.56 0.00	25.38 0.52 -0.01	29.41 0.83 0.00	34.77 0.75 0.00	31.77 0.71 0.00	26.11 0.64 0.00	24.47 0.50 0.00	21.71 0.17 -0.06	22.49 0.46 -0.03
COLONIE_LFGE__ 323577	29.32 0.53 -16.26	26.15 0.55 -12.99	24.34 0.57 -10.79	24.31 0.54 -11.47	23.34 0.58 -9.82	27.80 0.63 -12.50	25.85 0.69 -7.93	34.30 0.85 -14.08	33.05 1.05 -9.14	30.78 1.33 -0.58	25.13 1.06 0.00	24.93 1.07 0.00	22.17 0.81 0.00	21.24 0.72 0.00	22.26 0.86 0.00	22.30 0.90 0.00	26.02 1.14 -0.03	29.87 1.29 0.00	35.48 1.46 0.00	32.30 1.24 0.00	26.60 1.12 0.00	25.02 1.05 0.00	22.72 0.97 -0.28	23.07 0.92 -0.15
COOPERNY_115KV_TB1 80082	22.42 0.53 -9.36	20.58 0.49 -7.48	19.70 0.51 -6.21	19.37 0.48 -6.60	19.09 0.50 -5.65	22.45 0.59 -7.19	22.43 0.65 -4.55	28.26 0.81 -8.07	29.13 1.03 -5.24	30.51 1.30 -0.33	25.06 0.99 0.00	24.88 1.03 0.00	22.15 0.79 0.00	21.22 0.70 0.00	22.30 0.90 0.00	22.22 0.81 0.00	25.91 1.04 -0.01	29.70 1.11 0.00	35.45 1.43 0.00	32.36 1.30 0.00	26.55 1.07 0.00	25.00 1.03 0.00	22.48 0.84 -0.16	22.94 0.86 -0.09
COPENHAGEN_WT_PWR 323753	13.12 -0.01 -0.59	12.70 -0.06 -0.15	12.86 -0.06 0.06	12.36 -0.07 -0.15	12.36 -0.08 0.49	15.77 -0.10 -1.21	17.92 -0.07 -0.76	20.61 -0.12 -1.35	23.72 -0.02 -0.88	28.81 -0.12 -0.06	24.00 -0.07 0.00	23.59 -0.26 0.00	21.04 -0.32 0.00	20.17 -0.35 0.00	21.06 -0.34 0.00	21.15 -0.26 0.00	24.68 -0.17 0.00	28.53 -0.06 0.00	34.09 0.07 0.00	31.12 0.06 0.00	25.40 -0.08 0.00	23.88 -0.10 0.00	21.44 -0.06 -0.03	21.81 -0.20 -0.01
CORNELL____ 23752	17.01 0.30 -4.17	16.24 0.30 -3.33	16.07 0.32 -2.77	15.54 0.31 -2.94	15.77 0.32 -2.52	18.22 0.35 -3.20	19.62 0.36 -2.03	23.54 0.56 -3.60	25.89 0.69 -2.34	29.77 0.75 -0.15	24.82 0.75 0.00	24.45 0.60 0.00	21.85 0.49 0.00	20.93 0.41 0.00	21.94 0.54 0.00	21.90 0.49 0.00	25.50 0.65 -0.01	29.38 0.80 0.00	35.01 0.99 0.00	31.89 0.84 0.00	26.19 0.71 0.00	24.59 0.62 0.00	22.00 0.45 -0.07	22.51 0.48 -0.04
CORONAAV_69_KV_TB1 355595	26.79 1.12 -13.13	24.03 1.08 -10.34	22.66 1.09 -8.59	22.44 1.02 -9.13	21.81 1.06 -7.82	25.85 1.23 -9.95	33.68 1.43 -15.02	38.52 1.74 -17.40	34.54 2.17 -9.50	32.23 2.77 -0.58	28.24 2.14 -2.03	26.14 2.27 -0.01	23.17 1.82 0.00	22.16 1.64 0.00	23.66 1.97 -0.28	24.13 1.84 -0.88	27.11 2.24 -0.02	33.04 2.46 -2.00	37.12 3.10 0.00	35.28 2.86 -1.37	33.96 2.32 -6.16	31.26 2.21 -5.09	27.65 1.87 -4.30	24.05 1.94 -0.12
CORTLAND_115KV_TB3 80093	16.31 0.21 -3.56	15.68 0.23 -2.85	15.58 0.23 -2.36	15.03 0.22 -2.51	15.31 0.23 -2.15	17.65 0.25 -2.74	19.19 0.22 -1.73	22.84 0.39 -3.07	25.32 0.46 -2.00	29.52 0.52 -0.13	24.60 0.53 0.00	24.28 0.43 0.00	21.68 0.32 0.00	20.79 0.27 0.00	21.77 0.36 0.00	21.72 0.32 0.00	25.26 0.40 -0.01	29.10 0.51 0.00	34.67 0.65 0.00	31.58 0.53 0.00	25.94 0.46 0.00	24.35 0.38 0.00	21.82 0.28 -0.06	22.33 0.31 -0.03

COXSACKIE___GT 23611	28.50 0.80 -15.16	25.50 0.78 -12.11	23.86 0.82 -10.06	23.75 0.76 -10.70	22.92 0.83 -9.16	27.17 0.85 -11.65	25.55 0.95 -7.37	33.62 1.16 -13.08	32.68 1.33 -8.49	30.94 1.53 -0.54	25.39 1.32 0.00	25.12 1.26 0.00	22.34 0.98 0.00	21.32 0.80 0.00	22.43 1.03 0.00	22.54 1.13 0.00	26.34 1.47 -0.02	30.50 1.92 0.00	36.20 2.18 0.00	33.04 1.99 0.00	27.26 1.78 0.00	25.60 1.63 0.00	23.07 1.33 -0.26	23.43 1.30 -0.14
CPV_VALLEY___CC1 323721	24.13 0.59 -11.01	21.96 0.55 -8.80	20.86 0.57 -7.31	20.59 0.53 -7.77	20.14 0.56 -6.65	23.79 0.66 -8.46	23.31 0.74 -5.34	29.79 0.93 -9.48	30.19 1.17 -6.15	30.74 1.47 -0.39	25.20 1.13 0.00	25.02 1.17 0.00	22.21 0.86 0.00	21.32 0.80 0.00	22.37 0.96 0.00	22.34 0.94 0.00	26.04 1.17 -0.02	29.84 1.26 0.00	35.62 1.60 0.00	32.45 1.40 0.00	26.70 1.22 0.00	25.14 1.17 0.00	22.63 0.97 -0.19	23.08 0.99 -0.10
CPV_VALLEY___CC2 323722	24.13 0.59 -11.01	21.96 0.55 -8.80	20.86 0.57 -7.31	20.59 0.53 -7.77	20.14 0.56 -6.65	23.79 0.66 -8.46	23.31 0.74 -5.34	29.79 0.93 -9.48	30.19 1.17 -6.15	30.74 1.47 -0.39	25.20 1.13 0.00	25.02 1.17 0.00	22.21 0.86 0.00	21.32 0.80 0.00	22.37 0.96 0.00	22.34 0.94 0.00	26.04 1.17 -0.02	29.84 1.26 0.00	35.62 1.60 0.00	32.45 1.40 0.00	26.70 1.22 0.00	25.14 1.17 0.00	22.63 0.97 -0.19	23.08 0.99 -0.10
CRESCENT___HYD 24018	29.32 0.53 -16.26	26.15 0.55 -12.99	24.34 0.57 -10.79	24.31 0.54 -11.47	23.34 0.58 -9.82	27.80 0.63 -12.50	25.85 0.69 -7.93	34.30 0.85 -14.08	33.05 1.05 -9.14	30.78 1.33 -0.58	25.13 1.06 0.00	24.93 1.07 0.00	22.17 0.81 0.00	21.24 0.72 0.00	22.26 0.86 0.00	22.30 0.90 0.00	26.02 1.14 -0.03	29.87 1.29 0.00	35.48 1.46 0.00	32.30 1.24 0.00	26.60 1.12 0.00	25.02 1.05 0.00	22.72 0.97 -0.28	23.07 0.92 -0.15
CRICKET___VALLEY_CC1 323756	26.87 0.65 -13.68	24.17 0.63 -10.93	22.71 0.65 -9.08	22.56 0.61 -9.65	21.84 0.65 -8.27	25.94 0.75 -10.52	24.74 0.88 -6.63	32.26 1.10 -11.78	31.88 1.37 -7.64	31.09 1.73 -0.49	25.42 1.35 0.00	25.26 1.41 0.00	22.40 1.05 0.00	21.53 1.01 0.00	22.58 1.18 0.00	22.58 1.18 0.00	26.34 1.47 -0.02	30.18 1.60 0.00	35.99 1.97 0.00	32.76 1.71 0.00	26.95 1.48 0.00	25.41 1.44 0.00	22.91 1.20 -0.23	23.33 1.21 -0.13
CRICKET___VALLEY_CC2 323757	26.87 0.65 -13.68	24.17 0.63 -10.93	22.71 0.65 -9.08	22.56 0.61 -9.65	21.84 0.65 -8.27	25.94 0.75 -10.52	24.74 0.88 -6.63	32.26 1.10 -11.78	31.88 1.37 -7.64	31.09 1.73 -0.49	25.42 1.35 0.00	25.26 1.41 0.00	22.40 1.05 0.00	21.53 1.01 0.00	22.58 1.18 0.00	22.58 1.18 0.00	26.34 1.47 -0.02	30.18 1.60 0.00	35.99 1.97 0.00	32.76 1.71 0.00	26.95 1.48 0.00	25.41 1.44 0.00	22.91 1.20 -0.23	23.33 1.21 -0.13
CRICKET___VALLEY_CC3 323758	26.87 0.65 -13.68	24.17 0.63 -10.93	22.71 0.65 -9.08	22.56 0.61 -9.65	21.84 0.65 -8.27	25.94 0.75 -10.52	24.74 0.88 -6.63	32.26 1.10 -11.78	31.88 1.37 -7.64	31.09 1.73 -0.49	25.42 1.35 0.00	25.26 1.41 0.00	22.40 1.05 0.00	21.53 1.01 0.00	22.58 1.18 0.00	22.58 1.18 0.00	26.34 1.47 -0.02	30.18 1.60 0.00	35.99 1.97 0.00	32.76 1.71 0.00	26.95 1.48 0.00	25.41 1.44 0.00	22.91 1.20 -0.23	23.33 1.21 -0.13
CRUCIBLE_METL_DRP 24180	15.24 0.05 -2.65	14.79 0.06 -2.12	14.80 0.06 -1.76	14.22 0.06 -1.87	14.59 0.06 -1.60	16.76 0.06 -2.04	18.54 0.02 -1.29	21.76 0.10 -2.29	24.42 0.07 -1.48	29.00 0.03 -0.09	24.17 0.10 0.00	23.88 0.02 0.00	21.36 0.00 0.00	20.48 -0.04 0.00	21.42 0.02 0.00	21.38 -0.02 0.00	24.86 0.00 0.00	28.58 0.00 0.00	34.02 0.00 0.00	30.99 -0.06 0.00	25.48 0.00 0.00	23.95 -0.02 0.00	21.48 -0.04 -0.05	22.02 0.00 -0.02
DAHOWA___HYDRO 323763	29.81 0.75 -16.51	26.59 0.78 -13.20	24.75 0.81 -10.96	24.71 0.76 -11.65	23.74 0.83 -9.98	28.28 0.91 -12.70	26.30 1.02 -8.05	34.89 1.22 -14.29	33.67 1.53 -9.27	31.40 1.93 -0.59	25.63 1.56 0.00	25.43 1.57 0.00	22.58 1.22 0.00	21.51 0.99 0.00	22.52 1.11 0.00	22.58 1.18 0.00	26.32 1.44 -0.03	30.30 1.71 0.00	35.93 1.90 0.00	32.70 1.64 0.00	26.98 1.50 0.00	25.36 1.39 0.00	23.07 1.31 -0.28	23.47 1.32 -0.15
DANC___LFGE 323619	13.68 -0.05 -1.19	13.27 -0.08 -0.74	13.39 -0.08 -0.49	12.87 -0.09 -0.66	12.98 -0.09 -0.14	15.97 -0.12 -1.42	18.01 -0.12 -0.90	20.84 -0.13 -1.59	23.76 -0.14 -1.04	28.71 -0.23 -0.07	23.90 -0.17 0.00	23.54 -0.31 0.00	21.00 -0.36 0.00	20.15 -0.37 0.00	21.02 -0.38 0.00	21.08 -0.32 0.00	24.56 -0.30 0.00	28.35 -0.23 0.00	33.85 -0.17 0.00	30.90 -0.15 0.00	25.25 -0.23 0.00	23.75 -0.22 0.00	21.34 -0.17 -0.03	21.77 -0.24 -0.02
DANSKAMMER___1 23586	26.34 0.85 -12.95	23.75 0.79 -10.35	22.41 0.83 -8.60	22.21 0.77 -9.14	21.56 0.80 -7.82	25.56 0.94 -9.96	24.57 1.05 -6.28	31.83 1.30 -11.15	31.73 1.62 -7.24	31.38 2.05 -0.46	25.63 1.56 0.00	25.48 1.62 0.00	22.58 1.22 0.00	21.65 1.13 0.00	22.75 1.35 0.00	22.73 1.33 0.00	26.51 1.64 -0.02	30.41 1.83 0.00	36.34 2.31 0.00	33.13 2.08 0.00	27.23 1.76 0.00	25.65 1.68 0.00	23.08 1.38 -0.22	23.52 1.41 -0.12
DANSKAMMER___2 23589	26.34 0.85 -12.95	23.75 0.79 -10.35	22.41 0.83 -8.60	22.21 0.77 -9.14	21.56 0.80 -7.82	25.56 0.94 -9.96	24.57 1.05 -6.28	31.83 1.30 -11.15	31.73 1.62 -7.24	31.38 2.05 -0.46	25.63 1.56 0.00	25.48 1.62 0.00	22.58 1.22 0.00	21.65 1.13 0.00	22.75 1.35 0.00	22.73 1.33 0.00	26.51 1.64 -0.02	30.41 1.83 0.00	36.34 2.31 0.00	33.13 2.08 0.00	27.23 1.76 0.00	25.65 1.68 0.00	23.08 1.38 -0.22	23.52 1.41 -0.12
DANSKAMMER___3 23590	26.34 0.85 -12.95	23.75 0.79 -10.35	22.41 0.83 -8.60	22.21 0.77 -9.14	21.56 0.80 -7.82	25.56 0.94 -9.96	24.57 1.05 -6.28	31.83 1.30 -11.15	31.73 1.62 -7.24	31.38 2.05 -0.46	25.63 1.56 0.00	25.48 1.62 0.00	22.58 1.22 0.00	21.65 1.13 0.00	22.75 1.35 0.00	22.73 1.33 0.00	26.51 1.64 -0.02	30.41 1.83 0.00	36.34 2.31 0.00	33.13 2.08 0.00	27.23 1.76 0.00	25.65 1.68 0.00	23.08 1.38 -0.22	23.52 1.41 -0.12
DANSKAMMER___4 23591	26.34 0.85 -12.95	23.75 0.79 -10.35	22.41 0.83 -8.60	22.21 0.77 -9.14	21.56 0.80 -7.82	25.56 0.94 -9.96	24.57 1.05 -6.28	31.83 1.30 -11.15	31.73 1.62 -7.24	31.38 2.05 -0.46	25.63 1.56 0.00	25.48 1.62 0.00	22.58 1.22 0.00	21.65 1.13 0.00	22.75 1.35 0.00	22.73 1.33 0.00	26.51 1.64 -0.02	30.41 1.83 0.00	36.34 2.31 0.00	33.13 2.08 0.00	27.23 1.76 0.00	25.65 1.68 0.00	23.08 1.38 -0.22	23.52 1.41 -0.12
DANSKAMMER___DIESEL 23592	26.34 0.85 -12.95	23.75 0.79 -10.35	22.41 0.83 -8.60	22.21 0.77 -9.14	21.56 0.80 -7.82	25.56 0.94 -9.96	24.56 1.03 -6.29	31.84 1.30 -11.17	31.74 1.62 -7.25	31.38 2.05 -0.46	25.64 1.56 0.00	25.48 1.62 0.00	22.60 1.24 0.00	21.65 1.13 0.00	22.82 1.41 0.00	22.71 1.31 0.00	26.54 1.67 -0.02	30.44 1.86 0.00	36.30 2.28 0.00	33.20 2.14 0.00	27.24 1.76 0.00	25.65 1.68 0.00	23.05 1.35 -0.22	23.52 1.41 -0.12

DARBY___SOLAR 323810	29.73 0.71 -16.48	26.51 0.73 -13.17	24.67 0.75 -10.94	24.63 0.71 -11.63	23.66 0.78 -9.96	28.19 0.85 -12.67	26.21 0.95 -8.03	34.78 1.14 -14.26	33.56 1.44 -9.25	31.28 1.82 -0.59	25.54 1.47 0.00	25.36 1.50 0.00	22.51 1.15 0.00	21.47 0.94 0.00	22.47 1.07 0.00	22.54 1.13 0.00	26.24 1.37 -0.03	30.21 1.63 0.00	35.82 1.80 0.00	32.61 1.55 0.00	26.90 1.43 0.00	25.29 1.32 0.00	23.01 1.25 -0.28	23.40 1.25 -0.15
DASHVILLE___HYD 23610	26.40 0.53 -13.33	23.74 0.48 -10.66	22.33 0.49 -8.85	22.16 0.45 -9.41	21.45 0.47 -8.06	25.48 0.56 -10.25	24.33 0.62 -6.48	31.69 0.81 -11.50	31.40 1.07 -7.46	30.70 1.36 -0.47	25.37 1.30 0.00	25.24 1.38 0.00	22.41 1.05 0.00	21.47 0.94 0.00	22.62 1.22 0.00	22.52 1.11 0.00	26.29 1.42 -0.02	30.15 1.57 0.00	36.03 2.01 0.00	32.95 1.89 0.00	27.01 1.53 0.00	25.46 1.49 0.00	22.91 1.20 -0.23	23.37 1.25 -0.12
DEERFIELD_69_KV_DEERFIELD LD 355887	27.25 1.58 -13.13	24.51 1.56 -10.34	23.11 1.54 -8.59	22.87 1.45 -9.13	22.24 1.49 -7.82	26.33 1.72 -9.95	34.13 1.88 -15.02	39.08 2.31 -17.40	35.48 3.11 -9.50	33.12 3.67 -0.58	29.01 2.91 -2.03	26.78 2.91 -0.01	23.73 2.37 0.00	22.74 2.22 0.00	24.23 2.55 -0.28	24.79 2.50 -0.88	28.03 3.16 -0.02	34.21 3.63 -2.00	38.38 4.35 0.00	36.37 3.94 -1.37	34.87 3.24 -6.16	32.10 3.04 -5.09	28.34 2.56 -4.30	24.68 2.57 -0.12
DELAWARE___LFGE 323621	19.38 0.45 -6.39	18.16 0.44 -5.11	17.68 0.45 -4.24	17.23 0.43 -4.51	17.24 0.45 -3.86	20.08 0.50 -4.91	20.89 0.55 -3.11	25.61 0.72 -5.52	27.43 0.98 -3.58	30.31 1.21 -0.23	25.08 1.01 0.00	24.83 0.98 0.00	22.11 0.75 0.00	21.18 0.66 0.00	22.22 0.81 0.00	22.15 0.75 0.00	25.81 0.94 -0.01	29.70 1.11 0.00	35.38 1.36 0.00	32.30 1.24 0.00	26.47 0.99 0.00	24.91 0.93 0.00	22.34 0.75 -0.11	22.80 0.75 -0.06
DERFIELD_115KV_TB7 355931	13.39 0.05 -0.80	13.42 0.05 -0.77	13.76 0.05 -0.72	13.04 0.05 -0.69	13.66 0.05 -0.68	14.99 0.06 -0.27	17.47 0.07 -0.17	19.77 0.10 -0.30	23.20 0.14 -0.19	29.06 0.17 -0.01	24.19 0.12 0.00	23.97 0.12 0.00	21.44 0.09 0.00	20.58 0.06 0.00	21.49 0.09 0.00	21.49 0.09 0.00	24.98 0.12 0.00	28.73 0.14 0.00	34.19 0.17 0.00	31.21 0.16 0.00	25.60 0.13 0.00	24.09 0.12 0.00	21.59 0.11 -0.01	22.08 0.09 0.00
DOGLEVILLE___HYD 23807	13.72 0.38 -0.80	13.73 0.35 -0.77	14.07 0.36 -0.72	13.33 0.34 -0.69	14.00 0.39 -0.68	15.39 0.46 -0.27	17.97 0.57 -0.17	20.35 0.68 -0.30	23.98 0.92 -0.19	30.10 1.21 -0.01	25.13 1.06 0.00	24.88 1.03 0.00	22.23 0.88 0.00	21.30 0.78 0.00	22.24 0.83 0.00	22.28 0.88 0.00	25.90 1.04 0.00	29.81 1.23 0.00	35.48 1.46 0.00	32.39 1.33 0.00	26.57 1.09 0.00	25.05 1.08 0.00	22.43 0.94 -0.01	22.94 0.94 0.00
DUNKIRK___115KV_TB_200 55889	15.83 -0.25 -3.54	15.32 -0.11 -2.83	15.27 -0.06 -2.35	14.78 -0.01 -2.50	15.12 0.05 -2.14	17.27 -0.12 -2.72	18.47 -0.50 -1.74	22.29 -0.17 -3.09	24.78 -0.09 -2.00	28.74 -0.26 -0.13	24.50 0.43 0.00	24.09 0.24 0.00	21.61 0.26 0.00	20.65 0.12 0.00	21.60 0.19 0.00	21.47 0.06 0.00	24.78 -0.07 -0.01	28.75 0.17 0.00	33.85 -0.17 0.00	30.93 -0.12 0.00	25.48 0.00 0.00	23.90 -0.07 0.00	21.26 -0.28 -0.06	22.05 0.02 -0.03
DUNKIRK___1 23563	15.83 -0.25 -3.54	15.32 -0.11 -2.83	15.27 -0.06 -2.35	14.78 -0.01 -2.50	15.12 0.05 -2.14	17.27 -0.12 -2.72	18.47 -0.50 -1.74	22.29 -0.17 -3.09	24.78 -0.09 -2.00	28.74 -0.26 -0.13	24.50 0.43 0.00	24.09 0.24 0.00	21.61 0.26 0.00	20.65 0.12 0.00	21.60 0.19 0.00	21.47 0.06 0.00	24.78 -0.07 -0.01	28.75 0.17 0.00	33.85 -0.17 0.00	30.93 -0.12 0.00	25.48 0.00 0.00	23.90 -0.07 0.00	21.26 -0.28 -0.06	22.05 0.02 -0.03
DUNKIRK___2 23564	15.83 -0.25 -3.54	15.32 -0.11 -2.83	15.27 -0.06 -2.35	14.78 -0.01 -2.50	15.12 0.05 -2.14	17.27 -0.12 -2.72	18.47 -0.50 -1.74	22.29 -0.17 -3.09	24.78 -0.09 -2.00	28.74 -0.26 -0.13	24.50 0.43 0.00	24.09 0.24 0.00	21.61 0.26 0.00	20.65 0.12 0.00	21.60 0.19 0.00	21.47 0.06 0.00	24.78 -0.07 -0.01	28.75 0.17 0.00	33.85 -0.17 0.00	30.93 -0.12 0.00	25.48 0.00 0.00	23.90 -0.07 0.00	21.26 -0.28 -0.06	22.05 0.02 -0.03
DUNKIRK___3 23565	15.82 -0.26 -3.55	15.30 -0.14 -2.83	15.23 -0.10 -2.35	14.75 -0.05 -2.50	15.09 0.01 -2.14	17.23 -0.16 -2.73	18.44 -0.53 -1.74	22.24 -0.23 -3.09	24.69 -0.18 -2.01	28.63 -0.38 -0.13	24.38 0.31 0.00	24.00 0.14 0.00	21.51 0.15 0.00	20.56 0.04 0.00	21.51 0.11 0.00	21.38 -0.02 0.00	24.66 -0.20 -0.01	28.61 0.03 0.00	33.72 -0.31 0.00	30.81 -0.25 0.00	25.38 -0.10 0.00	23.80 -0.17 0.00	21.17 -0.37 -0.06	21.96 -0.07 -0.03
DUNKIRK___4 23566	15.75 -0.29 -3.50	15.25 -0.15 -2.80	15.20 -0.10 -2.32	14.70 -0.06 -2.47	15.06 0.01 -2.12	17.18 -0.18 -2.69	18.38 -0.57 -1.72	22.16 -0.27 -3.06	24.64 -0.21 -1.98	28.59 -0.40 -0.13	24.38 0.31 0.00	23.97 0.12 0.00	21.51 0.15 0.00	20.54 0.02 0.00	21.49 0.09 0.00	21.36 -0.04 0.00	24.66 -0.20 -0.01	28.58 0.00 0.00	33.68 -0.34 0.00	30.74 -0.31 0.00	25.35 -0.13 0.00	23.78 -0.19 0.00	21.15 -0.39 -0.06	21.94 -0.09 -0.03
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.36 0.88 -12.94	23.80 0.84 -10.35	22.44 0.87 -8.59	22.24 0.81 -9.13	21.60 0.85 -7.82	25.63 1.01 -9.95	24.66 1.14 -6.29	31.95 1.41 -11.16	31.87 1.76 -7.25	31.59 2.25 -0.46	25.78 1.71 0.00	25.67 1.81 0.00	22.75 1.39 0.00	21.80 1.27 0.00	22.97 1.56 0.00	22.84 1.43 0.00	26.66 1.79 -0.02	30.53 1.94 0.00	36.47 2.45 0.00	33.32 2.27 0.00	27.31 1.83 0.00	25.74 1.77 0.00	23.18 1.48 -0.22	23.63 1.52 -0.12
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.81 0.75 -12.52	23.32 0.71 -10.00	22.01 0.73 -8.31	21.80 0.68 -8.83	21.20 0.71 -7.56	25.13 0.84 -9.62	24.24 0.93 -6.08	31.31 1.14 -10.79	31.31 1.44 -7.01	31.14 1.82 -0.45	25.47 1.40 0.00	25.31 1.46 0.00	22.47 1.11 0.00	21.53 1.01 0.00	22.67 1.26 0.00	22.56 1.16 0.00	26.34 1.47 -0.02	30.21 1.63 0.00	36.06 2.04 0.00	32.95 1.89 0.00	27.03 1.55 0.00	25.46 1.49 0.00	22.92 1.22 -0.21	23.36 1.25 -0.12
E179THST_138_KV_TB4_REV_LBMP_J 345001	26.48 0.99 -12.94	23.95 1.00 -10.35	22.60 1.03 -8.59	22.40 0.97 -9.14	21.76 1.01 -7.82	25.82 1.20 -9.95	24.64 1.12 -6.29	31.80 1.26 -11.16	31.71 1.60 -7.25	31.47 2.14 -0.46	25.61 1.54 0.00	25.60 1.74 0.00	22.66 1.30 0.00	21.71 1.19 0.00	22.90 1.50 0.00	22.77 1.37 0.00	26.54 1.67 -0.02	30.33 1.74 0.00	36.20 2.18 0.00	33.13 2.08 0.00	27.11 1.63 0.00	25.60 1.63 0.00	23.10 1.40 -0.22	23.81 1.69 -0.12
E179THST_13_KV_LOAD 356214	26.53 1.04 -12.94	23.99 1.03 -10.35	22.65 1.08 -8.59	22.44 1.01 -9.14	21.81 1.06 -7.82	25.88 1.26 -9.95	24.71 1.19 -6.29	31.86 1.32 -11.16	31.80 1.69 -7.25	31.59 2.25 -0.46	25.71 1.64 0.00	25.72 1.86 0.00	22.77 1.41 0.00	21.80 1.27 0.00	23.01 1.61 0.00	22.86 1.46 0.00	26.66 1.79 -0.02	30.44 1.86 0.00	36.37 2.35 0.00	33.26 2.20 0.00	27.21 1.73 0.00	25.72 1.75 0.00	23.20 1.50 -0.22	23.92 1.80 -0.12

EAST HAMPTON___GT 23717	27.40 1.72 -13.14	24.66 1.70 -10.35	23.26 1.69 -8.59	23.01 1.59 -9.13	22.38 1.63 -7.82	26.50 1.88 -9.95	34.35 2.10 -15.02	39.33 2.56 -17.39	35.77 3.41 -9.50	33.51 4.04 -0.59	29.35 3.25 -2.04	27.10 3.22 -0.02	23.97 2.60 -0.01	23.00 2.48 0.00	24.46 2.76 -0.29	25.08 2.78 -0.89	28.31 3.43 -0.03	34.59 4.00 -2.01	38.90 4.86 -0.01	36.78 4.35 -1.38	35.24 3.59 -6.17	32.49 3.43 -5.09	28.65 2.86 -4.31	24.94 2.82 -0.13
EAST RIVER___6 23660	26.46 0.98 -12.94	23.88 0.93 -10.35	22.55 0.97 -8.59	22.34 0.91 -9.13	21.71 0.96 -7.82	25.77 1.14 -9.95	24.79 1.28 -6.28	31.97 1.53 -11.07	31.91 1.92 -7.12	31.72 2.48 -0.36	26.00 1.93 0.00	25.93 2.07 0.00	22.92 1.56 0.00	22.02 1.50 0.00	23.12 1.71 0.00	23.07 1.67 0.00	26.88 2.01 -0.02	30.70 2.12 0.00	36.68 2.66 0.00	33.41 2.36 0.00	27.49 2.01 0.00	25.94 1.97 0.00	23.38 1.68 -0.22	23.83 1.72 -0.12
EAST RIVER___7 23524	26.46 0.98 -12.94	23.88 0.93 -10.35	22.55 0.97 -8.59	22.34 0.91 -9.13	21.71 0.96 -7.82	25.77 1.14 -9.95	24.79 1.28 -6.28	31.97 1.53 -11.07	31.91 1.92 -7.12	31.72 2.48 -0.36	26.00 1.93 0.00	25.93 2.07 0.00	22.92 1.56 0.00	22.02 1.50 0.00	23.12 1.71 0.00	23.07 1.67 0.00	26.88 2.01 -0.02	30.70 2.12 0.00	36.68 2.66 0.00	33.41 2.36 0.00	27.49 2.01 0.00	25.94 1.97 0.00	23.38 1.68 -0.22	23.83 1.72 -0.12
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.31 0.85 -12.91	23.75 0.82 -10.32	22.40 0.84 -8.57	22.19 0.79 -9.11	21.56 0.83 -7.80	25.58 0.98 -9.93	24.61 1.10 -6.27	31.87 1.36 -11.14	31.81 1.71 -7.23	31.50 2.17 -0.46	25.71 1.64 0.00	25.60 1.74 0.00	22.70 1.35 0.00	21.75 1.23 0.00	22.90 1.50 0.00	22.79 1.39 0.00	26.61 1.74 -0.02	30.47 1.89 0.00	36.40 2.38 0.00	33.26 2.20 0.00	27.26 1.78 0.00	25.70 1.73 0.00	23.14 1.44 -0.22	23.59 1.47 -0.12
EAST_HAMPTON___DIESEL 23722	27.41 1.73 -13.14	24.67 1.71 -10.35	23.26 1.69 -8.59	23.01 1.59 -9.13	22.38 1.63 -7.82	26.50 1.88 -9.95	34.35 2.10 -15.02	39.34 2.58 -17.39	35.77 3.41 -9.50	33.51 4.04 -0.59	29.35 3.25 -2.04	27.10 3.22 -0.02	23.97 2.60 -0.01	23.00 2.48 0.00	24.48 2.78 -0.29	25.08 2.78 -0.89	28.33 3.45 -0.03	34.59 4.00 -2.01	38.90 4.86 -0.01	36.78 4.35 -1.38	35.26 3.62 -6.17	32.49 3.43 -5.09	28.65 2.86 -4.31	24.96 2.84 -0.13
EAST_PULASKI___ESR 323781	14.10 -0.06 -1.63	13.70 -0.08 -1.17	13.78 -0.08 -0.88	13.23 -0.07 -1.01	13.63 -0.08 -0.77	16.19 -0.10 -1.63	18.12 -0.14 -1.03	21.09 -0.12 -1.82	23.87 -0.18 -1.18	28.66 -0.29 -0.08	23.88 -0.19 0.00	23.57 -0.29 0.00	21.04 -0.32 0.00	20.17 -0.35 0.00	21.06 -0.34 0.00	21.06 -0.34 0.00	24.51 -0.35 0.00	28.24 -0.34 0.00	33.68 -0.34 0.00	30.68 -0.37 0.00	25.17 -0.31 0.00	23.68 -0.29 0.00	21.28 -0.24 -0.04	21.77 -0.24 -0.02
EAST_RIVER___1 323558	26.42 0.94 -12.94	23.83 0.88 -10.35	22.51 0.94 -8.59	22.30 0.87 -9.13	21.66 0.90 -7.82	25.72 1.10 -9.95	24.72 1.21 -6.28	31.94 1.49 -11.07	31.86 1.88 -7.12	31.63 2.40 -0.36	25.88 1.81 0.00	25.79 1.93 0.00	22.83 1.47 0.00	21.92 1.40 0.00	23.01 1.61 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.61 2.03 0.00	36.61 2.58 0.00	33.32 2.27 0.00	27.41 1.94 0.00	25.84 1.87 0.00	23.29 1.59 -0.22	23.74 1.63 -0.12
EAST_RIVER___2 323559	26.46 0.98 -12.94	23.88 0.93 -10.35	22.55 0.97 -8.59	22.34 0.91 -9.13	21.71 0.96 -7.82	25.77 1.14 -9.95	24.79 1.28 -6.28	31.97 1.53 -11.07	31.91 1.92 -7.12	31.72 2.48 -0.36	26.00 1.93 0.00	25.93 2.07 0.00	22.92 1.56 0.00	22.02 1.50 0.00	23.12 1.71 0.00	23.07 1.67 0.00	26.88 2.01 -0.02	30.70 2.12 0.00	36.68 2.66 0.00	33.41 2.36 0.00	27.49 2.01 0.00	25.94 1.97 0.00	23.38 1.68 -0.22	23.83 1.72 -0.12
EAST___DELAWARE_HYD 23607	24.70 0.69 -11.47	22.39 0.62 -9.17	21.23 0.64 -7.61	20.98 0.59 -8.09	20.48 0.62 -6.93	24.20 0.72 -8.82	23.59 0.79 -5.57	30.27 1.01 -9.88	30.61 1.33 -6.42	30.90 1.62 -0.41	25.25 1.18 0.00	25.05 1.19 0.00	22.21 0.86 0.00	21.30 0.78 0.00	22.41 1.01 0.00	22.39 0.99 0.00	26.11 1.24 -0.02	30.01 1.43 0.00	35.89 1.87 0.00	32.73 1.68 0.00	26.90 1.43 0.00	25.34 1.37 0.00	22.75 1.07 -0.20	23.20 1.10 -0.11
EIGHT_POINT___WT_PWR 323820	16.43 -0.18 -4.06	15.78 -0.08 -3.25	15.65 -0.03 -2.70	15.17 0.01 -2.87	15.46 0.08 -2.45	17.85 0.06 -3.12	19.10 -0.12 -1.98	23.21 0.31 -3.52	25.52 0.36 -2.29	29.34 0.32 -0.15	24.82 0.75 0.00	24.40 0.55 0.00	21.81 0.45 0.00	20.87 0.35 0.00	21.83 0.43 0.00	21.79 0.39 0.00	25.31 0.45 -0.01	29.32 0.74 0.00	34.60 0.58 0.00	31.89 0.84 0.00	25.99 0.51 0.00	24.35 0.38 0.00	21.70 0.15 -0.07	22.40 0.37 -0.04
ELBRIDGE_115KV_TB2 80188	15.27 0.00 -2.73	14.80 0.01 -2.18	14.80 0.01 -1.81	14.24 0.02 -1.93	14.59 0.01 -1.65	16.77 0.00 -2.10	18.49 -0.07 -1.33	21.75 0.02 -2.36	24.37 -0.02 -1.53	28.88 -0.09 -0.10	24.07 0.00 0.00	23.78 -0.07 0.00	21.27 -0.09 0.00	20.40 -0.12 0.00	21.32 -0.09 0.00	21.30 -0.11 0.00	24.73 -0.12 0.00	28.47 -0.11 0.00	33.89 -0.14 0.00	30.87 -0.19 0.00	25.38 -0.10 0.00	23.85 -0.12 0.00	21.40 -0.13 -0.05	21.93 -0.09 -0.03
ELEC_TRO_TEK 24086	26.72 1.05 -13.13	23.97 1.02 -10.34	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.63 1.38 -15.02	38.46 1.69 -17.40	34.47 2.10 -9.50	32.11 2.66 -0.58	28.14 2.05 -2.03	26.04 2.17 -0.01	23.07 1.71 0.00	22.08 1.56 0.00	23.55 1.86 -0.28	24.04 1.76 -0.88	27.01 2.14 -0.02	32.95 2.37 -2.00	36.95 2.93 0.00	35.16 2.73 -1.37	33.85 2.22 -6.16	31.17 2.11 -5.09	27.57 1.78 -4.30	23.94 1.83 -0.12
ELLENBURG_WT_PWR 323604	-7.04 -0.77 18.81	-7.04 -0.79 18.85	-7.03 -0.82 19.19	-7.03 -0.77 18.54	3.94 -0.79 8.20	13.92 -0.75 0.00	16.70 -0.53 0.00	18.83 -0.54 0.00	22.43 -0.44 0.00	28.67 -0.20 0.00	24.02 -0.05 0.00	24.02 0.17 0.00	21.57 0.21 0.00	20.87 0.35 0.00	21.70 0.30 0.00	21.72 0.32 0.00	25.20 0.35 0.00	29.12 0.54 0.00	34.67 0.64 0.00	31.74 0.68 0.00	25.88 0.41 0.00	24.33 0.36 0.00	21.82 0.34 0.00	22.26 0.26 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.66 -0.31 -3.43	15.16 -0.19 -2.74	15.12 -0.14 -2.28	14.62 -0.10 -2.42	14.94 -0.06 -2.07	17.03 -0.28 -2.64	18.20 -0.72 -1.69	21.87 -0.50 -3.00	24.29 -0.53 -1.95	28.16 -0.84 -0.12	23.90 -0.17 0.00	23.50 -0.36 0.00	21.10 -0.26 0.00	20.17 -0.35 0.00	21.08 -0.32 0.00	20.97 -0.43 0.00	24.21 -0.65 -0.01	28.07 -0.51 0.00	32.97 -1.05 0.00	30.12 -0.93 0.00	24.89 -0.59 0.00	23.32 -0.65 0.00	20.79 -0.75 -0.06	21.61 -0.42 -0.03
EMPIRE_CC_1 323656	28.34 0.35 -15.45	25.38 0.43 -12.34	23.67 0.44 -10.25	23.61 0.42 -10.90	22.70 0.44 -9.33	27.00 0.46 -11.88	25.27 0.53 -7.50	33.31 0.62 -13.32	32.26 0.75 -8.64	30.35 0.92 -0.55	24.79 0.72 0.00	24.62 0.76 0.00	21.98 0.62 0.00	21.10 0.57 0.00	22.07 0.66 0.00	22.13 0.73 0.00	25.72 0.85 -0.02	29.52 0.94 0.00	35.11 1.09 0.00	31.92 0.87 0.00	26.32 0.84 0.00	24.76 0.79 0.00	22.51 0.77 -0.26	22.86 0.72 -0.14

EMPIRE_CC_2 323658	28.34 0.35 -15.45	25.38 0.43 -12.34	23.67 0.44 -10.25	23.61 0.42 -10.90	22.70 0.44 -9.33	27.00 0.46 -11.88	25.27 0.53 -7.50	33.31 0.62 -13.32	32.26 0.75 -8.64	30.35 0.92 -0.55	24.79 0.72 0.00	24.62 0.76 0.00	21.98 0.62 0.00	21.10 0.57 0.00	22.07 0.66 0.00	22.13 0.73 0.00	25.72 0.85 -0.02	29.52 0.94 0.00	35.11 1.09 0.00	31.92 0.87 0.00	26.32 0.84 0.00	24.76 0.79 0.00	22.51 0.77 -0.26	22.86 0.72 -0.14
ENORWICH_115KV_TB1 80156	18.41 0.74 -5.13	17.43 0.72 -4.10	17.17 0.78 -3.41	16.66 0.75 -3.62	16.83 0.80 -3.10	19.51 0.89 -3.95	20.78 1.05 -2.50	25.13 1.32 -4.43	27.62 1.87 -2.88	31.37 2.31 -0.18	26.14 2.07 0.00	25.62 1.77 0.00	22.83 1.47 0.00	21.82 1.29 0.00	22.92 1.52 0.00	22.88 1.48 0.00	26.70 1.84 -0.01	30.95 2.37 0.00	36.98 2.96 0.00	33.66 2.61 0.00	27.52 2.04 0.00	25.77 1.80 0.00	23.05 1.48 -0.09	23.40 1.36 -0.05
ERIE_ST__34_KV_TB1-2 80199	15.61 -0.41 -3.49	15.10 -0.29 -2.79	15.02 -0.27 -2.31	14.53 -0.22 -2.46	14.87 -0.17 -2.11	16.97 -0.38 -2.68	18.13 -0.81 -1.71	21.86 -0.56 -3.04	24.29 -0.55 -1.97	28.16 -0.84 -0.13	24.31 0.24 0.00	23.90 0.05 0.00	21.44 0.09 0.00	20.48 -0.04 0.00	21.42 0.02 0.00	21.30 -0.11 0.00	24.58 -0.27 -0.01	28.50 -0.09 0.00	33.58 -0.44 0.00	30.68 -0.37 0.00	25.30 -0.18 0.00	23.71 -0.26 0.00	21.04 -0.49 -0.06	21.91 -0.11 -0.03
ERIE_WT_PWR 323693	15.72 -0.29 -3.47	15.21 -0.16 -2.77	15.15 -0.13 -2.30	14.65 -0.09 -2.45	14.99 -0.04 -2.09	17.08 -0.25 -2.67	18.26 -0.67 -1.70	22.03 -0.37 -3.03	24.42 -0.41 -1.96	28.28 -0.72 -0.12	24.12 0.05 0.00	23.74 -0.12 0.00	21.27 -0.09 0.00	20.34 -0.19 0.00	21.25 -0.15 0.00	21.17 -0.23 0.00	24.46 -0.40 -0.01	28.38 -0.20 0.00	33.34 -0.68 0.00	30.93 -0.12 0.00	25.10 -0.38 0.00	23.54 -0.43 0.00	20.98 -0.56 -0.06	21.85 -0.18 -0.03
ESPRGFLD_115KV_TB1 80157	11.47 0.39 1.46	11.82 0.38 1.17	12.41 0.40 0.97	11.63 0.37 1.03	12.45 0.40 0.88	14.00 0.45 1.12	17.06 0.53 0.71	18.82 0.70 1.26	23.08 1.03 0.82	30.12 1.30 0.05	25.11 1.04 0.00	24.76 0.91 0.00	22.02 0.66 0.00	21.08 0.55 0.00	22.13 0.73 0.00	22.17 0.77 0.00	25.87 1.02 0.00	29.87 1.29 0.00	35.55 1.53 0.00	32.42 1.37 0.00	26.60 1.12 0.00	24.95 0.98 0.00	22.23 0.77 0.02	22.64 0.66 0.01
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.98 0.29 -4.15	16.21 0.29 -3.32	16.03 0.30 -2.76	15.52 0.30 -2.93	15.75 0.31 -2.51	18.20 0.34 -3.19	19.60 0.34 -2.02	23.51 0.54 -3.59	25.83 0.64 -2.33	29.74 0.72 -0.15	24.77 0.70 0.00	24.43 0.57 0.00	21.81 0.45 0.00	20.91 0.39 0.00	21.90 0.49 0.00	21.87 0.47 0.00	25.45 0.60 -0.01	29.33 0.74 0.00	34.94 0.92 0.00	31.83 0.78 0.00	26.14 0.66 0.00	24.55 0.58 0.00	21.98 0.43 -0.07	22.49 0.46 -0.04
ETNA_____115KV_TB2 80207	16.98 0.29 -4.15	16.21 0.29 -3.32	16.03 0.30 -2.76	15.52 0.30 -2.93	15.75 0.31 -2.51	18.20 0.34 -3.19	19.60 0.34 -2.02	23.51 0.54 -3.59	25.83 0.64 -2.33	29.74 0.72 -0.15	24.77 0.70 0.00	24.43 0.57 0.00	21.81 0.45 0.00	20.91 0.39 0.00	21.90 0.49 0.00	21.87 0.47 0.00	25.45 0.60 -0.01	29.33 0.74 0.00	34.94 0.92 0.00	31.83 0.78 0.00	26.14 0.66 0.00	24.55 0.58 0.00	21.98 0.43 -0.07	22.49 0.46 -0.04
EUCLID__115KV_TB2 356179	14.92 -0.08 -2.46	14.51 -0.06 -1.96	14.55 -0.06 -1.63	13.98 -0.05 -1.73	14.36 -0.05 -1.48	16.47 -0.09 -1.89	18.25 -0.17 -1.19	21.38 -0.12 -2.12	24.06 -0.18 -1.37	28.67 -0.29 -0.09	23.88 -0.19 0.00	23.62 -0.24 0.00	21.12 -0.23 0.00	20.26 -0.27 0.00	21.19 -0.21 0.00	21.15 -0.26 0.00	24.56 -0.30 0.00	28.27 -0.31 0.00	33.65 -0.37 0.00	30.65 -0.40 0.00	25.20 -0.28 0.00	23.68 -0.29 0.00	21.24 -0.28 -0.04	21.79 -0.22 -0.02
E_CANADA_CAP_HY 24051	33.51 0.36 -20.60	29.45 0.38 -16.47	27.04 0.39 -13.68	27.20 0.37 -14.54	25.79 0.41 -12.45	30.98 0.47 -15.84	27.79 0.53 -10.02	37.88 0.72 -17.79	35.42 1.00 -11.55	30.85 1.24 -0.73	25.01 0.94 0.00	24.69 0.83 0.00	21.89 0.53 0.00	20.95 0.43 0.00	22.00 0.60 0.00	22.15 0.75 0.00	25.93 1.04 -0.03	29.90 1.32 0.00	35.52 1.50 0.00	32.39 1.33 0.00	26.62 1.15 0.00	25.00 1.03 0.00	22.65 0.82 -0.35	22.84 0.66 -0.19
E_CANADA_MHWK_HY 24050	13.72 0.38 -0.80	13.73 0.35 -0.77	14.07 0.36 -0.72	13.33 0.34 -0.69	14.00 0.39 -0.68	15.39 0.46 -0.27	17.97 0.57 -0.17	20.35 0.68 -0.30	23.98 0.92 -0.19	30.10 1.21 -0.01	25.13 1.06 0.00	24.88 1.03 0.00	22.23 0.88 0.00	21.30 0.78 0.00	22.24 0.83 0.00	22.28 0.88 0.00	25.90 1.04 0.00	29.81 1.23 0.00	35.48 1.46 0.00	32.39 1.33 0.00	26.57 1.09 0.00	25.05 1.08 0.00	22.43 0.94 -0.01	22.94 0.94 0.00
E_FISHKILL__LBMP 23776	26.53 0.74 -13.25	23.90 0.71 -10.59	22.51 0.74 -8.79	22.33 0.69 -9.35	21.66 0.72 -8.01	25.71 0.85 -10.19	24.63 0.96 -6.44	31.98 1.18 -11.43	31.77 1.49 -7.42	31.22 1.88 -0.47	25.49 1.42 0.00	25.38 1.53 0.00	22.53 1.17 0.00	21.59 1.07 0.00	22.73 1.33 0.00	22.62 1.22 0.00	26.41 1.54 -0.02	30.27 1.69 0.00	36.10 2.08 0.00	32.98 1.93 0.00	27.06 1.58 0.00	25.48 1.51 0.00	22.97 1.27 -0.23	23.39 1.28 -0.12
FALCON__SEABRD_CC1 323796	-6.96 -0.60 18.90	-6.96 -0.64 18.93	-6.96 -0.68 19.27	-6.96 -0.63 18.62	4.09 -0.66 8.18	14.05 -0.62 0.00	16.90 -0.33 0.00	19.09 -0.29 0.00	22.73 -0.14 0.00	28.99 0.12 0.00	24.31 0.24 0.00	24.28 0.43 0.00	21.85 0.49 0.00	21.12 0.60 0.00	21.96 0.56 0.00	21.98 0.58 0.00	25.50 0.65 0.00	29.52 0.94 0.00	35.14 1.12 0.00	32.20 1.15 0.00	26.22 0.74 0.00	24.62 0.65 0.00	22.10 0.62 0.00	22.52 0.53 0.00
FALCON__SEABRD_CC2 323797	-6.96 -0.60 18.90	-6.96 -0.64 18.93	-6.96 -0.68 19.27	-6.96 -0.63 18.62	4.09 -0.66 8.18	14.05 -0.62 0.00	16.90 -0.33 0.00	19.09 -0.29 0.00	22.73 -0.14 0.00	28.99 0.12 0.00	24.31 0.24 0.00	24.28 0.43 0.00	21.85 0.49 0.00	21.12 0.60 0.00	21.96 0.56 0.00	21.98 0.58 0.00	25.50 0.65 0.00	29.52 0.94 0.00	35.14 1.12 0.00	32.20 1.15 0.00	26.22 0.74 0.00	24.62 0.65 0.00	22.10 0.62 0.00	22.52 0.53 0.00
FAR ROCKAWAY__4 23548	26.87 1.20 -13.13	24.12 1.17 -10.34	22.75 1.18 -8.59	22.53 1.11 -9.13	21.90 1.15 -7.82	25.95 1.33 -9.95	33.80 1.55 -15.02	38.65 1.88 -17.40	34.72 2.36 -9.50	32.46 3.00 -0.58	28.43 2.33 -2.03	26.33 2.46 -0.01	23.32 1.96 0.00	22.33 1.81 0.00	23.81 2.12 -0.28	24.28 1.99 -0.88	27.28 2.41 -0.02	33.24 2.66 -2.00	37.39 3.37 0.00	35.56 3.14 -1.37	34.19 2.55 -6.16	31.45 2.40 -5.09	27.82 2.04 -4.30	24.20 2.09 -0.12
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.42 0.94 -12.94	23.85 0.90 -10.35	22.51 0.93 -8.59	22.30 0.87 -9.13	21.67 0.92 -7.82	25.72 1.10 -9.95	24.73 1.21 -6.29	32.01 1.47 -11.16	31.99 1.87 -7.25	31.73 2.40 -0.46	25.85 1.78 0.00	25.79 1.93 0.00	22.85 1.50 0.00	21.90 1.38 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.64 2.06 0.00	36.61 2.59 0.00	33.45 2.39 0.00	27.41 1.94 0.00	25.84 1.87 0.00	23.29 1.59 -0.22	23.76 1.65 -0.12

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.42 0.94 -12.94	23.85 0.90 -10.35	22.51 0.93 -8.59	22.30 0.87 -9.13	21.67 0.92 -7.82	25.72 1.10 -9.95	24.73 1.21 -6.29	32.01 1.47 -11.16	31.99 1.87 -7.25	31.73 2.40 -0.46	25.85 1.78 0.00	25.79 1.93 0.00	22.85 1.50 0.00	21.90 1.38 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.64 2.06 0.00	36.61 2.59 0.00	33.45 2.39 0.00	27.41 1.94 0.00	25.84 1.87 0.00	23.27 1.57 -0.22	23.76 1.65 -0.12
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.41 0.93 -12.94	23.83 0.88 -10.35	22.51 0.93 -8.59	22.30 0.87 -9.13	21.66 0.91 -7.82	25.71 1.09 -9.95	24.73 1.21 -6.29	32.01 1.47 -11.16	31.96 1.85 -7.25	31.70 2.37 -0.46	25.85 1.78 0.00	25.79 1.93 0.00	22.83 1.47 0.00	21.88 1.35 0.00	23.05 1.65 0.00	22.92 1.52 0.00	26.76 1.89 -0.02	30.61 2.03 0.00	36.57 2.55 0.00	33.41 2.36 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.25 1.55 -0.22	23.72 1.61 -0.12
FARRAGUT___LBMP 323566	26.41 0.93 -12.94	23.83 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.66 0.91 -7.82	25.71 1.09 -9.95	24.71 1.19 -6.29	31.99 1.45 -11.16	31.96 1.85 -7.25	31.67 2.34 -0.46	25.83 1.76 0.00	25.76 1.91 0.00	22.83 1.47 0.00	21.88 1.35 0.00	23.05 1.65 0.00	22.92 1.52 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.54 2.52 0.00	33.41 2.36 0.00	27.39 1.91 0.00	25.79 1.82 0.00	23.25 1.55 -0.22	23.72 1.61 -0.12
FENNER___WINDPWR 24204	15.35 0.26 -2.55	14.89 0.25 -2.04	14.93 0.26 -1.69	14.34 0.25 -1.80	14.73 0.26 -1.54	16.90 0.28 -1.96	18.78 0.31 -1.24	22.00 0.43 -2.20	24.84 0.55 -1.43	29.60 0.63 -0.09	24.67 0.60 0.00	24.33 0.48 0.00	21.72 0.36 0.00	20.85 0.33 0.00	21.79 0.39 0.00	21.79 0.39 0.00	25.35 0.50 0.00	29.21 0.63 0.00	34.77 0.75 0.00	31.74 0.68 0.00	25.99 0.51 0.00	24.40 0.43 0.00	21.89 0.36 -0.04	22.37 0.35 -0.02
FIBERTEK___ENERGY 23856	15.24 0.05 -2.65	14.79 0.06 -2.12	14.80 0.06 -1.76	14.22 0.06 -1.87	14.59 0.06 -1.60	16.76 0.06 -2.04	18.54 0.02 -1.29	21.76 0.10 -2.29	24.42 0.07 -1.48	29.00 0.03 -0.09	24.17 0.10 0.00	23.88 0.02 0.00	21.36 0.00 0.00	20.48 -0.04 0.00	21.42 0.02 0.00	21.38 -0.02 0.00	24.86 0.00 0.00	28.58 0.00 0.00	34.02 0.00 0.00	30.99 -0.06 0.00	25.48 0.00 0.00	23.95 -0.02 0.00	21.48 -0.04 -0.05	22.02 0.00 -0.02
FITZPATRICK____ 23598	14.24 -0.25 -1.95	13.92 -0.25 -1.56	14.03 -0.25 -1.30	13.44 -0.23 -1.38	13.86 -0.25 -1.18	15.88 -0.29 -1.50	17.78 -0.40 -0.95	20.65 -0.41 -1.68	23.41 -0.55 -1.09	28.22 -0.72 -0.07	23.49 -0.58 0.00	23.23 -0.62 0.00	20.78 -0.58 0.00	19.97 -0.55 0.00	20.85 -0.56 0.00	20.83 -0.58 0.00	24.21 -0.65 0.00	27.84 -0.74 0.00	33.11 -0.92 0.00	30.25 -0.81 0.00	24.79 -0.69 0.00	23.32 -0.65 0.00	20.95 -0.56 -0.03	21.50 -0.50 -0.02
FLOWRFLD_69_KV_BK1 356044	26.97 1.30 -13.13	24.22 1.27 -10.34	22.83 1.26 -8.59	22.60 1.18 -9.13	21.96 1.22 -7.82	26.04 1.42 -9.95	33.84 1.59 -15.02	38.71 1.94 -17.40	34.95 2.58 -9.50	32.63 3.18 -0.58	28.60 2.50 -2.03	26.42 2.55 -0.01	23.41 2.05 0.00	22.43 1.91 0.00	23.93 2.25 -0.28	24.45 2.16 -0.88	27.56 2.68 -0.02	33.61 3.03 -2.00	37.70 3.67 0.00	35.78 3.35 -1.37	34.39 2.75 -6.16	31.67 2.61 -5.09	27.97 2.19 -4.30	24.31 2.20 -0.12
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.42 0.88 -13.00	23.81 0.82 -10.39	22.46 0.86 -8.63	22.26 0.80 -9.17	21.61 0.83 -7.85	25.62 0.95 -9.99	24.61 1.07 -6.31	31.90 1.32 -11.21	31.81 1.67 -7.28	31.41 2.08 -0.46	25.66 1.59 0.00	25.50 1.65 0.00	22.64 1.28 0.00	21.67 1.15 0.00	22.84 1.43 0.00	22.75 1.35 0.00	26.56 1.69 -0.02	30.50 1.92 0.00	36.37 2.35 0.00	33.26 2.20 0.00	27.29 1.81 0.00	25.70 1.73 0.00	23.10 1.40 -0.22	23.54 1.43 -0.12
FORT ORANGE____ 23900	28.96 0.48 -15.95	25.86 0.50 -12.75	24.09 0.52 -10.59	24.04 0.49 -11.25	23.10 0.53 -9.64	27.50 0.57 -12.26	25.64 0.65 -7.76	33.96 0.81 -13.77	32.67 0.87 -8.94	30.48 1.04 -0.57	24.91 0.84 0.00	24.69 0.83 0.00	21.98 0.62 0.00	21.08 0.55 0.00	22.09 0.68 0.00	22.15 0.75 0.00	25.82 0.94 -0.03	29.67 1.09 0.00	35.28 1.26 0.00	32.11 1.06 0.00	26.47 0.99 0.00	24.90 0.93 0.00	22.57 0.82 -0.27	22.91 0.77 -0.15
FORT_DRUM_COGEN 23780	12.88 -0.01 -0.35	12.47 -0.06 0.08	12.64 -0.06 0.27	12.16 -0.07 0.06	12.11 -0.08 0.75	15.70 -0.09 -1.12	17.89 -0.05 -0.71	20.52 -0.12 -1.26	23.68 0.00 -0.82	28.84 -0.09 -0.05	24.00 -0.07 0.00	23.59 -0.26 0.00	21.06 -0.30 0.00	20.19 -0.33 0.00	21.06 -0.34 0.00	21.17 -0.24 0.00	24.70 -0.15 0.00	28.55 -0.03 0.00	34.16 0.14 0.00	31.15 0.09 0.00	25.43 -0.05 0.00	23.92 -0.05 0.00	21.46 -0.04 -0.02	21.83 -0.18 -0.01
FOX_HILLS___ESR 323835	26.58 1.09 -12.94	23.96 1.01 -10.35	22.62 1.05 -8.59	22.41 0.98 -9.14	21.79 1.03 -7.82	25.84 1.22 -9.95	24.76 1.24 -6.29	31.94 1.40 -11.16	31.87 1.76 -7.25	31.70 2.37 -0.46	25.76 1.68 0.00	25.79 1.93 0.00	22.81 1.45 0.00	21.84 1.31 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.58 2.00 0.00	36.40 2.38 0.00	33.45 2.39 0.00	27.31 1.83 0.00	25.94 1.97 0.00	23.44 1.74 -0.22	24.07 1.96 -0.12
FPL_FAR_ROCK_GT1 24212	26.88 1.20 -13.14	24.13 1.17 -10.35	22.75 1.18 -8.59	22.53 1.11 -9.13	21.90 1.15 -7.82	25.95 1.33 -9.95	33.80 1.55 -15.02	38.65 1.88 -17.39	34.72 2.36 -9.50	32.47 3.00 -0.59	28.47 2.36 -2.04	26.34 2.46 -0.02	23.31 1.94 -0.01	22.33 1.81 0.00	23.77 2.08 -0.29	24.31 2.01 -0.89	27.27 2.39 -0.03	33.25 2.66 -2.01	37.40 3.37 -0.01	35.48 3.05 -1.38	34.19 2.55 -6.17	31.46 2.40 -5.09	27.85 2.06 -4.31	24.21 2.09 -0.13
FPL_FAR_ROCK_GT2 23815	26.88 1.20 -13.14	24.13 1.17 -10.35	22.75 1.18 -8.59	22.53 1.11 -9.13	21.90 1.15 -7.82	25.95 1.33 -9.95	33.80 1.55 -15.02	38.65 1.88 -17.39	34.72 2.36 -9.50	32.47 3.00 -0.59	28.47 2.36 -2.04	26.34 2.46 -0.02	23.31 1.94 -0.01	22.33 1.81 0.00	23.77 2.08 -0.29	24.31 2.01 -0.89	27.27 2.39 -0.03	33.25 2.66 -2.01	37.40 3.37 -0.01	35.48 3.05 -1.38	34.19 2.55 -6.17	31.46 2.40 -5.09	27.85 2.06 -4.31	24.21 2.09 -0.13
FRANKLIN_FALL_HYD 24054	12.07 -0.51 -0.04	11.22 -0.54 0.84	11.69 -0.58 0.71	11.83 -0.54 -0.08	4.67 -0.58 7.68	14.13 -0.54 0.00	16.92 -0.31 0.00	19.05 -0.33 0.00	22.61 -0.25 0.00	28.82 -0.06 0.00	24.22 0.14 0.00	24.09 0.24 0.00	21.66 0.30 0.00	20.95 0.43 0.00	21.72 0.32 0.00	21.83 0.43 0.00	25.27 0.42 0.00	29.18 0.60 0.00	34.74 0.71 0.00	31.86 0.81 0.00	25.94 0.46 0.00	24.40 0.43 0.00	21.93 0.45 0.00	22.30 0.31 0.00
FREEPORT_EQUS_GT1 23764	26.83 1.15 -13.14	24.08 1.12 -10.35	22.70 1.13 -8.59	22.48 1.06 -9.13	21.83 1.09 -7.82	25.89 1.28 -9.95	33.73 1.48 -15.02	38.57 1.80 -17.39	34.65 2.29 -9.50	32.35 2.89 -0.59	28.37 2.26 -2.04	26.24 2.36 -0.02	23.20 1.84 -0.01	22.25 1.72 0.00	23.69 1.99 -0.29	24.24 1.95 -0.89	27.22 2.34 -0.03	33.19 2.60 -2.01	37.30 3.27 -0.01	35.35 2.92 -1.38	34.09 2.45 -6.17	31.39 2.32 -5.09	27.77 1.97 -4.31	24.12 2.00 -0.13

GINNA____ 23603	14.88 -0.60 -2.94	14.39 -0.57 -2.35	14.35 -0.58 -1.95	13.84 -0.53 -2.08	14.14 -0.57 -1.78	16.24 -0.69 -2.26	17.67 -1.00 -1.43	20.95 -0.97 -2.54	23.37 -1.14 -1.65	27.51 -1.47 -0.10	22.94 -1.13 0.00	22.59 -1.27 0.00	20.20 -1.15 0.00	19.39 -1.13 0.00	20.27 -1.14 0.00	20.23 -1.18 0.00	23.49 -1.37 0.00	27.07 -1.52 0.00	32.08 -1.94 0.00	29.47 -1.58 0.00	24.05 -1.43 0.00	22.53 -1.44 0.00	20.15 -1.38 -0.05	20.68 -1.34 -0.03
GLEN PARK____ 23778	13.04 0.04 -0.46	12.61 -0.03 -0.03	12.78 -0.03 0.17	12.29 -0.04 -0.04	12.26 -0.04 0.63	15.77 -0.06 -1.16	17.95 -0.02 -0.73	20.62 -0.06 -1.30	23.78 0.07 -0.84	28.93 0.00 -0.05	24.07 0.00 0.00	23.64 -0.22 0.00	21.08 -0.28 0.00	20.19 -0.33 0.00	21.08 -0.32 0.00	21.19 -0.21 0.00	24.76 -0.10 0.00	28.67 0.09 0.00	34.29 0.27 0.00	31.30 0.25 0.00	25.53 0.05 0.00	23.99 0.02 0.00	21.53 0.02 -0.03	21.87 -0.13 -0.01
GLENDALDE_27_KV_LOAD 356172	26.51 1.03 -12.94	23.94 0.98 -10.35	22.60 1.03 -8.59	22.39 0.96 -9.14	21.75 1.00 -7.82	25.82 1.20 -9.95	24.76 1.24 -6.29	31.97 1.43 -11.16	31.94 1.83 -7.25	31.76 2.43 -0.46	25.83 1.76 0.00	25.83 1.98 0.00	22.87 1.52 0.00	21.90 1.38 0.00	23.12 1.71 0.00	22.99 1.58 0.00	26.79 1.91 -0.02	30.61 2.03 0.00	36.54 2.52 0.00	33.45 2.39 0.00	27.36 1.89 0.00	25.84 1.87 0.00	23.31 1.61 -0.22	23.89 1.78 -0.12
GLENWOOD_IC_1_G5 23712	26.80 1.13 -13.13	24.05 1.10 -10.34	22.67 1.10 -8.59	22.46 1.03 -9.13	21.81 1.06 -7.82	25.86 1.25 -9.95	33.72 1.46 -15.02	38.56 1.78 -17.40	34.61 2.24 -9.50	32.32 2.86 -0.58	28.31 2.21 -2.03	26.21 2.34 -0.01	23.20 1.84 0.00	22.21 1.68 0.00	23.70 2.01 -0.28	24.17 1.88 -0.88	27.16 2.29 -0.02	33.12 2.54 -2.00	37.19 3.16 0.00	35.38 2.95 -1.37	34.03 2.39 -6.16	31.33 2.28 -5.09	27.69 1.91 -4.30	24.07 1.96 -0.12
GLENWOOD_IC_2_G1 23688	26.77 1.09 -13.14	24.02 1.06 -10.35	22.65 1.08 -8.59	22.43 1.01 -9.13	21.78 1.03 -7.82	25.83 1.22 -9.95	33.68 1.43 -15.02	38.51 1.74 -17.39	34.54 2.17 -9.50	32.24 2.77 -0.59	28.27 2.17 -2.04	26.12 2.24 -0.02	23.12 1.75 -0.01	22.17 1.64 0.00	23.58 1.88 -0.29	24.14 1.84 -0.89	27.09 2.21 -0.03	33.02 2.43 -2.01	37.09 3.06 -0.01	35.20 2.76 -1.38	33.96 2.32 -6.17	31.27 2.20 -5.09	27.66 1.87 -4.31	24.01 1.89 -0.13
GLENWOOD_IC_3_G1 23689	26.77 1.09 -13.14	24.02 1.06 -10.35	22.65 1.08 -8.59	22.43 1.01 -9.13	21.78 1.03 -7.82	25.83 1.22 -9.95	33.68 1.43 -15.02	38.51 1.74 -17.39	34.54 2.17 -9.50	32.24 2.77 -0.59	28.27 2.17 -2.04	26.12 2.24 -0.02	23.12 1.75 -0.01	22.17 1.64 0.00	23.58 1.88 -0.29	24.14 1.84 -0.89	27.09 2.21 -0.03	33.02 2.43 -2.01	37.09 3.06 -0.01	35.20 2.76 -1.38	33.96 2.32 -6.17	31.27 2.20 -5.09	27.66 1.87 -4.31	24.01 1.89 -0.13
GLENWOOD____4 23550	26.80 1.13 -13.13	24.05 1.10 -10.34	22.67 1.10 -8.59	22.46 1.03 -9.13	21.81 1.06 -7.82	25.86 1.25 -9.95	33.72 1.46 -15.02	38.56 1.78 -17.40	34.61 2.24 -9.50	32.32 2.86 -0.58	28.31 2.21 -2.03	26.21 2.34 -0.01	23.20 1.84 0.00	22.21 1.68 0.00	23.70 2.01 -0.28	24.17 1.88 -0.88	27.16 2.29 -0.02	33.12 2.54 -2.00	37.19 3.16 0.00	35.38 2.95 -1.37	34.03 2.39 -6.16	31.33 2.28 -5.09	27.69 1.91 -4.30	24.07 1.96 -0.12
GLENWOOD____5 23614	26.80 1.13 -13.13	24.05 1.10 -10.34	22.67 1.10 -8.59	22.46 1.03 -9.13	21.81 1.06 -7.82	25.86 1.25 -9.95	33.72 1.46 -15.02	38.56 1.78 -17.40	34.61 2.24 -9.50	32.32 2.86 -0.58	28.31 2.21 -2.03	26.21 2.34 -0.01	23.20 1.84 0.00	22.21 1.68 0.00	23.70 2.01 -0.28	24.17 1.88 -0.88	27.16 2.29 -0.02	33.12 2.54 -2.00	37.19 3.16 0.00	35.38 2.95 -1.37	34.03 2.39 -6.16	31.33 2.28 -5.09	27.69 1.91 -4.30	24.07 1.96 -0.12
GLOBAL GREEN_PORT_GT1 23814	27.37 1.69 -13.14	24.63 1.68 -10.35	23.23 1.66 -8.59	22.99 1.56 -9.13	22.35 1.60 -7.82	26.47 1.85 -9.95	34.32 2.07 -15.02	39.29 2.52 -17.39	35.73 3.36 -9.50	33.45 3.99 -0.59	29.31 3.20 -2.04	27.05 3.17 -0.02	23.93 2.56 -0.01	22.96 2.44 0.00	24.43 2.74 -0.29	25.04 2.74 -0.89	28.29 3.40 -0.03	34.53 3.95 -2.01	38.83 4.80 -0.01	36.72 4.29 -1.38	35.19 3.54 -6.17	32.44 3.38 -5.09	28.60 2.81 -4.31	24.91 2.79 -0.13
GLOBE____DSASP 323697	15.40 -0.46 -3.33	14.94 -0.33 -2.66	14.93 -0.26 -2.21	14.43 -0.21 -2.35	14.76 -0.18 -2.01	16.73 -0.50 -2.56	17.74 -1.10 -1.61	21.30 -0.99 -2.91	23.59 -1.17 -1.89	27.32 -1.67 -0.12	23.01 -1.06 0.00	22.61 -1.24 0.00	20.33 -1.03 0.00	19.43 -1.09 0.00	20.31 -1.09 0.00	20.20 -1.20 0.00	23.29 -1.57 -0.01	27.01 -1.57 0.00	31.64 -2.38 0.00	28.94 -2.11 0.00	23.95 -1.53 0.00	22.44 -1.53 0.00	20.05 -1.48 -0.06	20.88 -1.14 -0.03
GOETHSLN____LBMP 323567	26.36 0.88 -12.94	23.78 0.83 -10.35	22.46 0.88 -8.59	22.25 0.82 -9.13	21.60 0.85 -7.82	25.66 1.04 -9.95	24.66 1.14 -6.29	31.95 1.41 -11.16	31.89 1.78 -7.25	31.59 2.25 -0.46	25.76 1.68 0.00	25.69 1.84 0.00	22.77 1.41 0.00	21.80 1.27 0.00	22.97 1.56 0.00	22.84 1.43 0.00	26.66 1.79 -0.02	30.50 1.92 0.00	36.44 2.42 0.00	33.29 2.24 0.00	27.31 1.83 0.00	25.72 1.75 0.00	23.16 1.46 -0.22	23.63 1.52 -0.12
GOLAH____69_KV_TB 1_2 80279	15.55 0.00 -3.01	15.10 0.09 -2.41	15.09 0.12 -2.00	14.55 0.14 -2.12	14.89 0.14 -1.82	17.04 0.06 -2.31	18.44 -0.28 -1.48	21.91 -0.10 -2.63	24.48 -0.09 -1.71	28.78 -0.20 -0.11	24.05 -0.02 0.00	23.62 -0.24 0.00	21.19 -0.17 0.00	20.34 -0.18 0.00	21.25 -0.15 0.00	21.15 -0.26 0.00	24.46 -0.40 0.00	28.30 -0.29 0.00	33.44 -0.58 0.00	30.53 -0.53 0.00	25.17 -0.31 0.00	23.54 -0.43 0.00	21.08 -0.45 -0.05	21.78 -0.24 -0.03
GOODYEAR_LAKE_HYD 323669	17.12 0.48 -4.11	16.36 0.47 -3.28	16.19 0.48 -2.73	15.65 0.45 -2.90	15.89 0.48 -2.48	18.35 0.53 -3.16	19.83 0.60 -2.00	23.70 0.78 -3.55	26.26 1.10 -2.30	30.41 1.39 -0.15	25.23 1.16 0.00	24.93 1.07 0.00	22.19 0.83 0.00	21.24 0.72 0.00	22.30 0.90 0.00	22.26 0.86 0.00	25.93 1.07 -0.01	29.90 1.31 0.00	35.62 1.60 0.00	32.48 1.43 0.00	26.62 1.15 0.00	25.00 1.03 0.00	22.39 0.84 -0.07	22.82 0.79 -0.04
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.08 0.16 -5.37	17.09 0.19 -4.30	16.74 0.19 -3.57	16.27 0.18 -3.79	16.38 0.21 -3.25	19.01 0.21 -4.13	19.99 0.14 -2.62	24.35 0.33 -4.64	26.29 0.41 -3.01	29.50 0.43 -0.19	24.60 0.53 0.00	24.31 0.45 0.00	21.70 0.34 0.00	20.81 0.29 0.00	21.79 0.39 0.00	21.72 0.32 0.00	25.26 0.40 -0.01	29.10 0.51 0.00	34.60 0.58 0.00	31.55 0.50 0.00	25.94 0.46 0.00	24.38 0.41 0.00	21.83 0.26 -0.09	22.37 0.33 -0.05
GOUDEY____7 23579	18.09 0.18 -5.37	17.10 0.20 -4.30	16.76 0.21 -3.57	16.28 0.20 -3.79	16.40 0.22 -3.25	19.01 0.21 -4.13	20.00 0.16 -2.62	24.37 0.35 -4.64	26.31 0.43 -3.01	29.53 0.46 -0.19	24.62 0.55 0.00	24.33 0.48 0.00	21.72 0.36 0.00	20.83 0.31 0.00	21.81 0.41 0.00	21.75 0.34 0.00	25.28 0.42 -0.01	29.13 0.54 0.00	34.63 0.61 0.00	31.58 0.53 0.00	25.96 0.48 0.00	24.38 0.41 0.00	21.85 0.28 -0.09	22.39 0.35 -0.05

GOWANUS_GT4_6 24135	26.55 1.07 -12.94	23.95 1.00 -10.35	22.61 1.04 -8.59	22.40 0.97 -9.14	21.76 1.01 -7.82	25.82 1.20 -9.95	24.74 1.22 -6.29	31.94 1.40 -11.16	31.89 1.78 -7.25	31.70 2.37 -0.46	25.78 1.71 0.00	25.81 1.96 0.00	22.83 1.47 0.00	21.86 1.33 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.58 2.00 0.00	36.47 2.45 0.00	33.45 2.39 0.00	27.34 1.86 0.00	25.89 1.92 0.00	23.37 1.68 -0.22	24.00 1.89 -0.12
GOWANUS_GT4_7 24136	26.55 1.07 -12.94	23.95 1.00 -10.35	22.61 1.04 -8.59	22.40 0.97 -9.14	21.76 1.01 -7.82	25.82 1.20 -9.95	24.74 1.22 -6.29	31.94 1.40 -11.16	31.89 1.78 -7.25	31.70 2.37 -0.46	25.78 1.71 0.00	25.81 1.96 0.00	22.83 1.47 0.00	21.86 1.33 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.58 2.00 0.00	36.47 2.45 0.00	33.45 2.39 0.00	27.34 1.86 0.00	25.89 1.92 0.00	23.37 1.68 -0.22	24.00 1.89 -0.12
GOWANUS_GT4_8 24137	26.55 1.07 -12.94	23.95 1.00 -10.35	22.61 1.04 -8.59	22.40 0.97 -9.14	21.76 1.01 -7.82	25.82 1.20 -9.95	24.74 1.22 -6.29	31.94 1.40 -11.16	31.89 1.78 -7.25	31.70 2.37 -0.46	25.78 1.71 0.00	25.81 1.96 0.00	22.83 1.47 0.00	21.86 1.33 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.58 2.00 0.00	36.47 2.45 0.00	33.45 2.39 0.00	27.34 1.86 0.00	25.89 1.92 0.00	23.37 1.68 -0.22	24.00 1.89 -0.12
GREENBSH_115KV_TB3 55895	29.01 0.44 -16.03	25.88 0.47 -12.81	24.10 0.48 -10.64	24.06 0.45 -11.31	23.09 0.48 -9.68	27.52 0.53 -12.32	25.62 0.60 -7.79	33.93 0.74 -13.82	32.64 0.80 -8.97	30.40 0.95 -0.57	24.82 0.75 0.00	24.64 0.79 0.00	21.96 0.60 0.00	21.04 0.51 0.00	22.09 0.68 0.00	22.07 0.66 0.00	25.75 0.87 -0.03	29.55 0.97 0.00	35.15 1.12 0.00	32.05 0.99 0.00	26.34 0.87 0.00	24.79 0.81 0.00	22.48 0.73 -0.27	22.80 0.66 -0.15
GREENDGE_115KV_TB5 80291	16.53 0.10 -3.89	15.85 0.14 -3.11	15.72 0.16 -2.58	15.20 0.16 -2.74	15.46 0.18 -2.35	17.83 0.18 -2.99	19.20 0.07 -1.90	23.09 0.35 -3.37	25.48 0.43 -2.19	29.42 0.40 -0.14	24.65 0.58 0.00	24.28 0.43 0.00	21.70 0.34 0.00	20.77 0.25 0.00	21.77 0.36 0.00	21.70 0.30 0.00	25.23 0.37 -0.01	29.13 0.54 0.00	34.29 0.27 0.00	31.36 0.31 0.00	25.91 0.43 0.00	24.28 0.31 0.00	21.67 0.13 -0.07	22.25 0.22 -0.04
GREENIDGE___3 23582	16.53 0.10 -3.89	15.85 0.14 -3.11	15.72 0.16 -2.58	15.20 0.16 -2.74	15.46 0.18 -2.35	17.83 0.18 -2.99	19.20 0.07 -1.90	23.09 0.35 -3.37	25.48 0.43 -2.19	29.42 0.40 -0.14	24.65 0.58 0.00	24.28 0.43 0.00	21.70 0.34 0.00	20.77 0.25 0.00	21.77 0.36 0.00	21.70 0.30 0.00	25.23 0.37 -0.01	29.13 0.54 0.00	34.29 0.27 0.00	31.36 0.31 0.00	25.91 0.43 0.00	24.28 0.31 0.00	21.67 0.13 -0.07	22.25 0.22 -0.04
GREENIDGE___4 23583	16.53 0.10 -3.89	15.85 0.14 -3.11	15.72 0.16 -2.58	15.20 0.16 -2.74	15.46 0.18 -2.35	17.83 0.18 -2.99	19.20 0.07 -1.90	23.13 0.39 -3.36	25.46 0.41 -2.18	29.42 0.40 -0.14	24.65 0.58 0.00	24.28 0.43 0.00	21.68 0.32 0.00	20.79 0.27 0.00	21.74 0.34 0.00	21.72 0.32 0.00	25.25 0.40 -0.01	29.18 0.60 0.00	34.29 0.27 0.00	31.61 0.56 0.00	25.91 0.43 0.00	24.28 0.31 0.00	21.70 0.15 -0.07	22.27 0.24 -0.04
GREENLWN_69_KV_BK 3 55738	26.86 1.19 -13.13	24.11 1.16 -10.34	22.74 1.17 -8.59	22.52 1.09 -9.13	21.87 1.12 -7.82	25.94 1.32 -9.95	33.79 1.53 -15.02	38.65 1.88 -17.40	34.72 2.36 -9.50	32.43 2.97 -0.58	28.43 2.33 -2.03	26.30 2.43 -0.01	23.30 1.94 0.00	22.31 1.79 0.00	23.81 2.12 -0.28	24.28 1.99 -0.88	27.31 2.44 -0.02	33.32 2.74 -2.00	37.39 3.37 0.00	35.53 3.11 -1.37	34.16 2.52 -6.16	31.45 2.40 -5.09	27.82 2.04 -4.30	24.16 2.05 -0.12
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.55 1.07 -12.94	23.95 1.00 -10.35	22.61 1.04 -8.59	22.40 0.97 -9.14	21.76 1.01 -7.82	25.82 1.20 -9.95	24.74 1.22 -6.29	31.94 1.40 -11.16	31.89 1.78 -7.25	31.70 2.37 -0.46	25.78 1.71 0.00	25.81 1.96 0.00	22.83 1.47 0.00	21.86 1.33 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.58 2.00 0.00	36.47 2.45 0.00	33.45 2.39 0.00	27.34 1.86 0.00	25.89 1.92 0.00	23.37 1.68 -0.22	24.00 1.89 -0.12
GRISSOM___SOLAR 323813	32.73 0.81 -19.38	28.93 0.83 -15.49	26.73 0.88 -12.86	26.81 0.85 -13.67	25.57 0.93 -11.71	30.61 1.04 -14.90	27.81 1.15 -9.43	37.58 1.47 -16.73	35.67 1.94 -10.86	31.99 2.43 -0.69	25.88 1.81 0.00	25.55 1.69 0.00	22.60 1.24 0.00	21.65 1.13 0.00	22.75 1.35 0.00	23.07 1.67 0.00	27.04 2.16 -0.03	31.13 2.54 0.00	36.81 2.79 0.00	33.57 2.51 0.00	27.69 2.22 0.00	25.96 1.99 0.00	23.46 1.65 -0.33	23.58 1.41 -0.18
GROVEVILLE___HYD 323602	26.42 0.88 -13.00	23.81 0.82 -10.39	22.46 0.86 -8.63	22.26 0.80 -9.17	21.61 0.83 -7.85	25.62 0.95 -9.99	24.61 1.07 -6.31	31.90 1.32 -11.21	31.81 1.67 -7.28	31.41 2.08 -0.46	25.66 1.59 0.00	25.50 1.65 0.00	22.64 1.28 0.00	21.67 1.15 0.00	22.84 1.43 0.00	22.75 1.35 0.00	26.56 1.69 -0.02	30.50 1.92 0.00	36.37 2.35 0.00	33.26 2.20 0.00	27.29 1.81 0.00	25.70 1.73 0.00	23.10 1.40 -0.22	23.54 1.43 -0.12
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	15.24 0.05 -2.65	14.79 0.06 -2.12	14.80 0.06 -1.76	14.22 0.06 -1.87	14.59 0.06 -1.60	16.76 0.06 -2.04	18.54 0.02 -1.29	21.76 0.10 -2.29	24.42 0.07 -1.48	29.00 0.03 -0.09	24.17 0.10 0.00	23.88 0.02 0.00	21.36 0.00 0.00	20.48 -0.04 0.00	21.42 0.02 0.00	21.38 -0.02 0.00	24.86 0.00 0.00	28.58 0.00 0.00	34.02 0.00 0.00	30.99 -0.06 0.00	25.48 0.00 0.00	23.95 -0.02 0.00	21.48 -0.04 -0.05	22.02 0.00 -0.02
HAMLTNNY_34_KV_TB 80303	15.34 0.06 -2.74	14.87 0.08 -2.19	14.88 0.08 -1.82	14.30 0.07 -1.93	14.66 0.08 -1.65	16.85 0.07 -2.10	18.58 0.02 -1.33	21.88 0.14 -2.37	24.52 0.11 -1.54	29.06 0.09 -0.10	24.22 0.14 0.00	23.93 0.07 0.00	21.38 0.02 0.00	20.52 0.00 0.00	21.45 0.04 0.00	21.40 0.00 0.00	24.88 0.02 0.00	28.61 0.03 0.00	34.06 0.03 0.00	31.02 -0.03 0.00	25.50 0.03 0.00	23.97 0.00 0.00	21.48 -0.04 -0.05	22.02 0.00 -0.03
HAMPSHIRE___PAPER_HYD 323593	10.04 -0.18 2.32	9.57 -0.21 2.83	9.83 -0.22 2.93	9.59 -0.22 2.48	8.79 -0.23 3.91	14.98 -0.26 -0.57	17.37 -0.22 -0.36	19.61 -0.41 -0.64	22.92 -0.37 -0.42	28.47 -0.43 -0.03	23.78 -0.29 0.00	23.54 -0.31 0.00	21.12 -0.23 0.00	20.30 -0.23 0.00	21.12 -0.28 0.00	21.19 -0.21 0.00	24.58 -0.27 0.00	28.24 -0.34 0.00	33.72 -0.31 0.00	30.77 -0.28 0.00	25.12 -0.36 0.00	23.75 -0.22 0.00	21.38 -0.11 -0.01	21.76 -0.24 -0.01
HARDSCRABBLE_WT_PWR 323673	13.57 0.23 -0.80	13.57 0.20 -0.77	13.91 0.21 -0.72	13.18 0.20 -0.69	13.85 0.23 -0.68	15.23 0.29 -0.27	17.78 0.38 -0.17	20.16 0.48 -0.30	23.77 0.71 -0.19	29.87 0.98 -0.01	24.94 0.87 0.00	24.69 0.83 0.00	22.06 0.70 0.00	21.16 0.64 0.00	22.09 0.68 0.00	22.13 0.73 0.00	25.72 0.87 0.00	29.61 1.03 0.00	35.25 1.22 0.00	32.17 1.12 0.00	26.39 0.92 0.00	24.86 0.89 0.00	22.28 0.80 -0.01	22.76 0.77 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.42 0.82 -12.07	23.02 0.77 -9.65	21.78 0.79 -8.01	21.55 0.74 -8.52	21.00 0.78 -7.29	24.86 0.91 -9.28	24.11 1.02 -5.86	31.02 1.24 -10.41	31.18 1.55 -6.76	31.27 1.96 -0.43	25.56 1.49 0.00	25.41 1.55 0.00	22.55 1.20 0.00	21.61 1.09 0.00	22.75 1.35 0.00	22.64 1.24 0.00	26.44 1.57 -0.02	30.33 1.74 0.00	36.20 2.18 0.00	33.07 2.02 0.00	27.13 1.66 0.00	25.55 1.58 0.00	22.97 1.29 -0.21	23.42 1.32 -0.11
HARSNRAD_115KV_TB1 81005	15.49 -0.35 -3.30	15.03 -0.21 -2.64	14.99 -0.18 -2.19	14.49 -0.14 -2.33	14.82 -0.10 -1.99	16.87 -0.34 -2.54	18.03 -0.83 -1.62	21.60 -0.66 -2.88	24.03 -0.71 -1.87	27.89 -1.10 -0.12	23.59 -0.48 0.00	23.16 -0.69 0.00	20.80 -0.56 0.00	19.91 -0.62 0.00	20.80 -0.60 0.00	20.70 -0.71 0.00	23.86 -0.99 -0.01	27.70 -0.89 0.00	32.49 -1.53 0.00	29.69 -1.37 0.00	24.53 -0.94 0.00	22.99 -0.98 0.00	20.53 -1.01 -0.06	21.34 -0.68 -0.03
HARZA MOOSE__RIVER 24016	13.09 0.14 -0.42	12.87 0.11 -0.15	13.13 0.12 -0.03	12.54 0.10 -0.15	12.72 0.10 0.31	15.50 0.12 -0.72	17.86 0.17 -0.45	20.34 0.16 -0.81	23.71 0.32 -0.52	29.28 0.38 -0.03	24.41 0.34 0.00	24.07 0.21 0.00	21.49 0.13 0.00	20.63 0.10 0.00	21.53 0.13 0.00	21.57 0.17 0.00	25.10 0.25 0.00	28.95 0.37 0.00	34.53 0.51 0.00	31.49 0.43 0.00	25.76 0.28 0.00	24.23 0.26 0.00	21.73 0.24 -0.02	22.13 0.13 -0.01
HDSNBRDG_115KV_BRDG_TB1 355580	15.04 -0.01 -2.51	14.61 0.00 -2.01	14.65 0.00 -1.67	14.07 0.00 -1.77	14.45 0.00 -1.52	16.57 -0.03 -1.93	18.37 -0.09 -1.22	21.53 -0.02 -2.17	24.20 -0.07 -1.41	28.82 -0.14 -0.09	24.00 -0.07 0.00	23.74 -0.12 0.00	21.21 -0.15 0.00	20.36 -0.16 0.00	21.30 -0.11 0.00	21.25 -0.15 0.00	24.68 -0.17 0.00	28.41 -0.17 0.00	33.82 -0.20 0.00	30.81 -0.25 0.00	25.32 -0.15 0.00	23.78 -0.19 0.00	21.35 -0.17 -0.04	21.88 -0.13 -0.02
HELLGATE_13_KV_LD 55870	26.46 0.98 -12.94	23.90 0.95 -10.35	22.56 0.99 -8.59	22.36 0.93 -9.14	21.72 0.97 -7.82	25.78 1.16 -9.95	24.69 1.17 -6.29	31.88 1.34 -11.16	31.80 1.69 -7.25	31.59 2.25 -0.46	25.71 1.64 0.00	25.72 1.86 0.00	22.77 1.41 0.00	21.80 1.27 0.00	23.01 1.61 0.00	22.86 1.46 0.00	26.64 1.76 -0.02	30.44 1.86 0.00	36.34 2.31 0.00	33.26 2.20 0.00	27.21 1.73 0.00	25.72 1.75 0.00	23.20 1.50 -0.22	23.81 1.69 -0.12
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.46 0.98 -12.94	23.90 0.95 -10.35	22.56 0.99 -8.59	22.36 0.93 -9.14	21.72 0.97 -7.82	25.78 1.16 -9.95	24.69 1.17 -6.29	31.88 1.34 -11.16	31.80 1.69 -7.25	31.59 2.25 -0.46	25.71 1.64 0.00	25.72 1.86 0.00	22.77 1.41 0.00	21.80 1.27 0.00	23.01 1.61 0.00	22.86 1.46 0.00	26.64 1.76 -0.02	30.44 1.86 0.00	36.34 2.31 0.00	33.26 2.20 0.00	27.21 1.73 0.00	25.72 1.75 0.00	23.20 1.50 -0.22	23.81 1.69 -0.12
HEMPSTEAD____ 23647	26.76 1.08 -13.14	24.00 1.05 -10.35	22.62 1.05 -8.59	22.41 0.98 -9.13	21.76 1.01 -7.82	25.80 1.19 -9.95	33.65 1.40 -15.02	38.47 1.71 -17.39	34.51 2.15 -9.50	32.18 2.71 -0.59	28.23 2.12 -2.04	26.10 2.22 -0.02	23.08 1.71 -0.01	22.12 1.60 0.00	23.56 1.86 -0.29	24.11 1.82 -0.89	27.04 2.16 -0.03	32.99 2.40 -2.01	37.06 3.03 -0.01	35.17 2.73 -1.38	33.94 2.29 -6.17	31.24 2.18 -5.09	27.64 1.85 -4.31	23.97 1.85 -0.13
HEWLETT__69_KV_BK3 55828	26.82 1.15 -13.13	24.07 1.12 -10.34	22.70 1.13 -8.59	22.48 1.06 -9.13	21.83 1.09 -7.82	25.89 1.28 -9.95	33.73 1.48 -15.02	38.56 1.78 -17.40	34.61 2.24 -9.50	32.32 2.86 -0.58	28.31 2.21 -2.03	26.21 2.34 -0.01	23.24 1.88 0.00	22.23 1.70 0.00	23.72 2.03 -0.28	24.19 1.90 -0.88	27.16 2.29 -0.02	33.12 2.54 -2.00	37.22 3.20 0.00	35.38 2.95 -1.37	34.03 2.39 -6.16	31.33 2.28 -5.09	27.72 1.93 -4.30	24.11 2.00 -0.12
HICKLING____1 23621	17.20 0.09 -4.57	16.41 0.15 -3.65	16.18 0.17 -3.03	15.69 0.17 -3.22	15.90 0.21 -2.76	18.36 0.18 -3.51	19.49 0.03 -2.23	23.68 0.35 -3.96	25.87 0.43 -2.57	29.44 0.40 -0.16	24.79 0.72 0.00	24.43 0.57 0.00	21.85 0.49 0.00	20.91 0.39 0.00	21.90 0.49 0.00	21.81 0.41 0.00	25.33 0.47 -0.01	29.24 0.66 0.00	34.70 0.68 0.00	31.61 0.56 0.00	26.04 0.56 0.00	24.43 0.46 0.00	21.79 0.24 -0.08	22.43 0.40 -0.04
HICKLING____2 23622	17.20 0.09 -4.57	16.41 0.15 -3.65	16.18 0.17 -3.03	15.69 0.17 -3.22	15.90 0.21 -2.76	18.36 0.18 -3.51	19.49 0.03 -2.23	23.68 0.35 -3.96	25.87 0.43 -2.57	29.44 0.40 -0.16	24.79 0.72 0.00	24.43 0.57 0.00	21.85 0.49 0.00	20.91 0.39 0.00	21.90 0.49 0.00	21.81 0.41 0.00	25.33 0.47 -0.01	29.24 0.66 0.00	34.70 0.68 0.00	31.61 0.56 0.00	26.04 0.56 0.00	24.43 0.46 0.00	21.79 0.24 -0.08	22.43 0.40 -0.04
HIGH FALLS____HY 23754	26.16 0.82 -12.81	23.59 0.74 -10.24	22.25 0.77 -8.50	22.04 0.71 -9.04	21.41 0.74 -7.74	25.38 0.87 -9.85	24.42 0.96 -6.22	31.62 1.20 -11.05	31.61 1.58 -7.17	31.26 1.93 -0.46	25.49 1.42 0.00	25.33 1.48 0.00	22.49 1.13 0.00	21.55 1.03 0.00	22.73 1.33 0.00	22.62 1.22 0.00	26.41 1.54 -0.02	30.35 1.77 0.00	36.27 2.25 0.00	33.20 2.14 0.00	27.21 1.73 0.00	25.60 1.63 0.00	22.99 1.29 -0.22	23.47 1.36 -0.12
HILLBURN____GT 23639	25.62 0.83 -12.26	23.20 0.79 -9.80	21.92 0.81 -8.14	21.69 0.75 -8.65	21.12 0.79 -7.41	25.03 0.94 -9.42	24.23 1.05 -5.95	31.25 1.32 -10.56	31.37 1.65 -6.85	31.39 2.08 -0.44	25.63 1.56 0.00	25.50 1.64 0.00	22.60 1.24 0.00	21.69 1.17 0.00	22.77 1.37 0.00	22.73 1.33 0.00	26.49 1.61 -0.02	30.36 1.77 0.00	36.30 2.28 0.00	33.07 2.02 0.00	27.18 1.71 0.00	25.62 1.65 0.00	23.06 1.38 -0.21	23.49 1.39 -0.11
HILLSIDE_115KV_TB1 80332	17.19 -0.03 -4.68	16.37 0.03 -3.74	16.12 0.04 -3.10	15.63 0.04 -3.30	15.82 0.06 -2.83	18.28 0.01 -3.60	19.37 -0.14 -2.28	23.54 0.12 -4.05	25.63 0.14 -2.63	29.10 0.06 -0.17	24.48 0.41 0.00	24.14 0.29 0.00	21.57 0.21 0.00	20.67 0.14 0.00	21.64 0.24 0.00	21.53 0.13 0.00	25.01 0.15 -0.01	28.90 0.31 0.00	34.29 0.27 0.00	31.27 0.22 0.00	25.73 0.25 0.00	24.16 0.19 0.00	21.56 0.00 -0.08	22.19 0.15 -0.04
HISHELDN_WT_PWR 323625	15.86 -0.33 -3.65	15.31 -0.21 -2.91	15.22 -0.18 -2.42	14.73 -0.13 -2.57	15.04 -0.09 -2.20	17.22 -0.25 -2.80	18.40 -0.62 -1.79	22.24 -0.31 -3.18	24.56 -0.37 -2.06	28.40 -0.61 -0.13	24.07 0.00 0.00	23.69 -0.17 0.00	21.21 -0.15 0.00	20.30 -0.23 0.00	21.21 -0.19 0.00	21.15 -0.26 0.00	24.46 -0.40 -0.01	28.38 -0.20 0.00	33.37 -0.65 0.00	30.93 -0.12 0.00	25.12 -0.36 0.00	23.54 -0.43 0.00	21.01 -0.54 -0.06	21.83 -0.20 -0.03
HOLTSVILLE_IC_1 23690	26.92 1.24 -13.14	24.17 1.21 -10.35	22.78 1.21 -8.59	22.55 1.13 -9.13	21.91 1.16 -7.82	25.97 1.35 -9.95	33.79 1.53 -15.02	38.59 1.82 -17.39	34.81 2.45 -9.50	32.44 2.97 -0.59	28.44 2.33 -2.04	26.26 2.39 -0.02	23.22 1.86 -0.01	22.29 1.77 0.00	23.73 2.03 -0.29	24.33 2.03 -0.89	27.39 2.51 -0.03	33.39 2.80 -2.01	37.40 3.37 -0.01	35.42 2.98 -1.38	34.17 2.52 -6.17	31.53 2.47 -5.09	27.85 2.06 -4.31	24.19 2.07 -0.13

HOLTSVILLE_IC_10 23699	26.99 1.32 -13.14	24.24 1.29 -10.35	22.84 1.27 -8.59	22.62 1.19 -9.13	21.98 1.23 -7.82	26.04 1.42 -9.95	33.86 1.60 -15.02	38.71 1.94 -17.39	34.95 2.58 -9.50	32.58 3.12 -0.59	28.59 2.48 -2.04	26.38 2.50 -0.02	23.33 1.96 -0.01	22.39 1.87 0.00	23.83 2.14 -0.29	24.44 2.14 -0.89	27.51 2.63 -0.03	33.56 2.97 -2.01	37.64 3.60 -0.01	35.63 3.20 -1.38	34.34 2.70 -6.17	31.68 2.61 -5.09	27.98 2.19 -4.31	24.30 2.18 -0.13
HOLTSVILLE_IC_2 23691	26.92 1.24 -13.14	24.17 1.21 -10.35	22.78 1.21 -8.59	22.55 1.13 -9.13	21.91 1.16 -7.82	25.97 1.35 -9.95	33.79 1.53 -15.02	38.59 1.82 -17.39	34.81 2.45 -9.50	32.44 2.97 -0.59	28.44 2.33 -2.04	26.26 2.39 -0.02	23.22 1.86 -0.01	22.29 1.77 0.00	23.73 2.03 -0.29	24.33 2.03 -0.89	27.39 2.51 -0.03	33.39 2.80 -2.01	37.40 3.37 -0.01	35.42 2.98 -1.38	34.17 2.52 -6.17	31.53 2.47 -5.09	27.85 2.06 -4.31	24.19 2.07 -0.13
HOLTSVILLE_IC_3 23692	26.92 1.24 -13.14	24.17 1.21 -10.35	22.78 1.21 -8.59	22.55 1.13 -9.13	21.91 1.16 -7.82	25.97 1.35 -9.95	33.79 1.53 -15.02	38.59 1.82 -17.39	34.81 2.45 -9.50	32.44 2.97 -0.59	28.44 2.33 -2.04	26.26 2.39 -0.02	23.22 1.86 -0.01	22.29 1.77 0.00	23.73 2.03 -0.29	24.33 2.03 -0.89	27.39 2.51 -0.03	33.39 2.80 -2.01	37.40 3.37 -0.01	35.42 2.98 -1.38	34.17 2.52 -6.17	31.53 2.47 -5.09	27.85 2.06 -4.31	24.19 2.07 -0.13
HOLTSVILLE_IC_4 23693	26.92 1.24 -13.14	24.17 1.21 -10.35	22.78 1.21 -8.59	22.55 1.13 -9.13	21.91 1.16 -7.82	25.97 1.35 -9.95	33.79 1.53 -15.02	38.59 1.82 -17.39	34.81 2.45 -9.50	32.44 2.97 -0.59	28.44 2.33 -2.04	26.26 2.39 -0.02	23.22 1.86 -0.01	22.29 1.77 0.00	23.73 2.03 -0.29	24.33 2.03 -0.89	27.39 2.51 -0.03	33.39 2.80 -2.01	37.40 3.37 -0.01	35.42 2.98 -1.38	34.17 2.52 -6.17	31.53 2.47 -5.09	27.85 2.06 -4.31	24.19 2.07 -0.13
HOLTSVILLE_IC_5 23694	26.92 1.24 -13.14	24.17 1.21 -10.35	22.78 1.21 -8.59	22.55 1.13 -9.13	21.91 1.16 -7.82	25.97 1.35 -9.95	33.79 1.53 -15.02	38.59 1.82 -17.39	34.81 2.45 -9.50	32.44 2.97 -0.59	28.44 2.33 -2.04	26.26 2.39 -0.02	23.22 1.86 -0.01	22.29 1.77 0.00	23.73 2.03 -0.29	24.33 2.03 -0.89	27.39 2.51 -0.03	33.39 2.80 -2.01	37.40 3.37 -0.01	35.42 2.98 -1.38	34.17 2.52 -6.17	31.53 2.47 -5.09	27.85 2.06 -4.31	24.19 2.07 -0.13
HOLTSVILLE_IC_6 23695	26.99 1.32 -13.14	24.24 1.29 -10.35	22.84 1.27 -8.59	22.62 1.19 -9.13	21.98 1.23 -7.82	26.04 1.42 -9.95	33.86 1.60 -15.02	38.71 1.94 -17.39	34.95 2.58 -9.50	32.58 3.12 -0.59	28.59 2.48 -2.04	26.38 2.50 -0.02	23.33 1.96 -0.01	22.39 1.87 0.00	23.83 2.14 -0.29	24.44 2.14 -0.89	27.51 2.63 -0.03	33.56 2.97 -2.01	37.64 3.60 -0.01	35.63 3.20 -1.38	34.34 2.70 -6.17	31.68 2.61 -5.09	27.98 2.19 -4.31	24.30 2.18 -0.13
HOLTSVILLE_IC_7 23696	26.99 1.32 -13.14	24.24 1.29 -10.35	22.84 1.27 -8.59	22.62 1.19 -9.13	21.98 1.23 -7.82	26.04 1.42 -9.95	33.86 1.60 -15.02	38.71 1.94 -17.39	34.95 2.58 -9.50	32.58 3.12 -0.59	28.59 2.48 -2.04	26.38 2.50 -0.02	23.33 1.96 -0.01	22.39 1.87 0.00	23.83 2.14 -0.29	24.44 2.14 -0.89	27.51 2.63 -0.03	33.56 2.97 -2.01	37.64 3.60 -0.01	35.63 3.20 -1.38	34.34 2.70 -6.17	31.68 2.61 -5.09	27.98 2.19 -4.31	24.30 2.18 -0.13
HOLTSVILLE_IC_8 23697	26.99 1.32 -13.14	24.24 1.29 -10.35	22.84 1.27 -8.59	22.62 1.19 -9.13	21.98 1.23 -7.82	26.04 1.42 -9.95	33.86 1.60 -15.02	38.71 1.94 -17.39	34.95 2.58 -9.50	32.58 3.12 -0.59	28.59 2.48 -2.04	26.38 2.50 -0.02	23.33 1.96 -0.01	22.39 1.87 0.00	23.83 2.14 -0.29	24.44 2.14 -0.89	27.51 2.63 -0.03	33.56 2.97 -2.01	37.64 3.60 -0.01	35.63 3.20 -1.38	34.34 2.70 -6.17	31.68 2.61 -5.09	27.98 2.19 -4.31	24.30 2.18 -0.13
HOLTSVILLE_IC_9 23698	26.99 1.32 -13.14	24.24 1.29 -10.35	22.84 1.27 -8.59	22.62 1.19 -9.13	21.98 1.23 -7.82	26.04 1.42 -9.95	33.86 1.60 -15.02	38.71 1.94 -17.39	34.95 2.58 -9.50	32.58 3.12 -0.59	28.59 2.48 -2.04	26.38 2.50 -0.02	23.33 1.96 -0.01	22.39 1.87 0.00	23.83 2.14 -0.29	24.44 2.14 -0.89	27.51 2.63 -0.03	33.56 2.97 -2.01	37.64 3.60 -0.01	35.63 3.20 -1.38	34.34 2.70 -6.17	31.68 2.61 -5.09	27.98 2.19 -4.31	24.30 2.18 -0.13
HOMER_HL_115KV_TB2 355744	15.74 -0.45 -3.65	15.18 -0.34 -2.92	15.05 -0.35 -2.42	14.57 -0.30 -2.57	14.91 -0.22 -2.20	17.08 -0.40 -2.80	18.28 -0.74 -1.79	22.15 -0.41 -3.18	24.52 -0.41 -2.06	28.31 -0.69 -0.13	24.60 0.53 0.00	24.19 0.33 0.00	21.66 0.30 0.00	20.67 0.14 0.00	21.64 0.24 0.00	21.47 0.06 0.00	24.78 -0.07 -0.01	28.75 0.17 0.00	34.02 0.00 0.00	31.09 0.03 0.00	25.58 0.10 0.00	23.97 0.00 0.00	21.24 -0.30 -0.06	22.11 0.09 -0.03
HOWARD_WT_PWR 323690	16.46 -0.18 -4.09	15.80 -0.08 -3.27	15.66 -0.04 -2.72	15.19 0.01 -2.89	15.48 0.08 -2.47	17.89 0.07 -3.15	19.14 -0.09 -2.00	23.27 0.35 -3.55	25.58 0.41 -2.30	29.39 0.37 -0.15	24.86 0.79 0.00	24.45 0.60 0.00	21.83 0.47 0.00	20.91 0.39 0.00	21.87 0.47 0.00	21.83 0.43 0.00	25.36 0.50 -0.01	29.38 0.80 0.00	34.67 0.64 0.00	31.92 0.87 0.00	26.04 0.56 0.00	24.40 0.43 0.00	21.72 0.17 -0.07	22.43 0.40 -0.04
HQ_GEN_CEDARS 23644	5.27 -0.20 7.07	4.77 -0.21 7.62	5.08 -0.23 7.67	5.13 -0.22 6.94	4.87 -0.25 7.81	14.40 -0.26 0.00	17.06 -0.17 0.00	19.05 -0.33 0.00	22.48 -0.39 0.00	28.44 -0.43 0.00	23.81 -0.26 0.00	23.62 -0.24 0.00	21.25 -0.11 0.00	20.50 -0.02 0.00	21.23 -0.17 0.00	21.32 -0.09 0.00	24.65 -0.20 0.00	28.33 -0.26 0.00	33.72 -0.31 0.00	30.87 -0.19 0.00	25.22 -0.25 0.00	23.78 -0.19 0.00	21.39 -0.09 0.00	21.82 -0.18 0.00
HQ_GEN_CEDARS_PROXY 323590	5.27 -0.20 7.07	4.77 -0.21 7.62	5.08 -0.23 7.67	5.13 -0.22 6.94	4.87 -0.25 7.81	13.21 -0.26 1.20	18.26 -0.17 -1.20	21.15 -0.35 -2.12	23.13 -0.39 -0.66	25.66 -0.43 2.78	23.78 -0.29 0.00	23.62 -0.24 0.00	21.27 -0.09 0.00	20.50 -0.02 0.00	21.28 -0.13 0.00	21.28 -0.13 0.00	24.65 -0.20 0.00	28.32 -0.26 0.00	33.75 -0.27 0.00	30.87 -0.19 0.00	25.22 -0.25 0.00	23.78 -0.19 0.00	21.39 -0.09 0.00	21.81 -0.18 0.00
HQ_GEN_IMPORT 323601	10.76 -0.18 1.60	10.71 -0.18 1.72	11.06 -0.19 1.73	10.53 -0.18 1.58	11.08 -0.19 1.66	13.27 -0.21 1.20	18.24 -0.19 -1.20	21.21 -0.29 -2.12	23.18 -0.34 -0.66	25.69 -0.40 2.78	23.76 -0.31 0.00	23.57 -0.29 0.00	21.21 -0.15 0.00	20.40 -0.12 0.00	21.21 -0.19 0.00	21.21 -0.19 0.00	24.58 -0.27 0.00	28.27 -0.31 0.00	33.65 -0.37 0.00	30.74 -0.31 0.00	25.20 -0.28 0.00	23.71 -0.26 0.00	21.26 -0.21 0.00	21.75 -0.24 0.00
HQ_GEN_WHEEL 23651	10.76 -0.18 1.60	10.71 -0.18 1.72	11.06 -0.19 1.73	10.53 -0.18 1.58	11.08 -0.19 1.66	13.27 -0.21 1.20	18.24 -0.19 -1.20	21.21 -0.29 -2.12	23.18 -0.34 -0.66	25.69 -0.40 2.78	23.76 -0.31 0.00	23.57 -0.29 0.00	21.21 -0.15 0.00	20.40 -0.12 0.00	21.21 -0.19 0.00	21.21 -0.19 0.00	24.58 -0.27 0.00	28.27 -0.31 0.00	33.65 -0.37 0.00	30.74 -0.31 0.00	25.20 -0.28 0.00	23.71 -0.26 0.00	21.26 -0.21 0.00	21.75 -0.24 0.00

HUDSON AVE_GT_3 23810	26.42 0.94 -12.94	23.85 0.90 -10.35	22.51 0.93 -8.59	22.30 0.87 -9.13	21.67 0.92 -7.82	25.72 1.10 -9.95	24.73 1.21 -6.29	32.01 1.47 -11.16	31.99 1.87 -7.25	31.73 2.40 -0.46	25.85 1.78 0.00	25.81 1.96 0.00	22.85 1.50 0.00	21.90 1.38 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.64 2.06 0.00	36.61 2.59 0.00	33.45 2.39 0.00	27.41 1.94 0.00	25.84 1.87 0.00	23.27 1.57 -0.22	23.74 1.63 -0.12
HUDSON AVE_GT_4 23540	26.42 0.94 -12.94	23.85 0.90 -10.35	22.51 0.93 -8.59	22.30 0.87 -9.13	21.67 0.92 -7.82	25.72 1.10 -9.95	24.73 1.21 -6.29	32.01 1.47 -11.16	31.99 1.87 -7.25	31.73 2.40 -0.46	25.85 1.78 0.00	25.81 1.96 0.00	22.85 1.50 0.00	21.90 1.38 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.64 2.06 0.00	36.61 2.59 0.00	33.45 2.39 0.00	27.41 1.94 0.00	25.84 1.87 0.00	23.27 1.57 -0.22	23.74 1.63 -0.12
HUDSON AVE_GT_5 23657	26.42 0.94 -12.94	23.85 0.90 -10.35	22.51 0.93 -8.59	22.30 0.87 -9.13	21.67 0.92 -7.82	25.72 1.10 -9.95	24.73 1.21 -6.29	32.01 1.47 -11.16	31.99 1.87 -7.25	31.73 2.40 -0.46	25.85 1.78 0.00	25.81 1.96 0.00	22.85 1.50 0.00	21.90 1.38 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.64 2.06 0.00	36.61 2.59 0.00	33.45 2.39 0.00	27.41 1.94 0.00	25.84 1.87 0.00	23.27 1.57 -0.22	23.74 1.63 -0.12
HUDSON_AVE_10 24168	26.41 0.93 -12.94	23.83 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	25.71 1.09 -9.95	24.73 1.21 -6.29	32.01 1.47 -11.16	31.99 1.87 -7.25	31.73 2.40 -0.46	25.85 1.78 0.00	25.79 1.93 0.00	22.83 1.47 0.00	21.88 1.35 0.00	23.05 1.65 0.00	22.92 1.52 0.00	26.76 1.89 -0.02	30.61 2.03 0.00	36.57 2.55 0.00	33.45 2.39 0.00	27.41 1.94 0.00	25.82 1.85 0.00	23.25 1.55 -0.22	23.72 1.61 -0.12
HUDSON___115KV_TB 4 355613	28.73 0.58 -15.61	25.68 0.59 -12.48	23.95 0.61 -10.36	23.90 0.59 -11.02	23.00 0.63 -9.43	27.35 0.67 -12.00	25.57 0.76 -7.58	33.77 0.93 -13.46	32.66 1.05 -8.74	30.67 1.24 -0.56	25.13 1.06 0.00	24.90 1.05 0.00	22.17 0.81 0.00	21.22 0.70 0.00	22.32 0.92 0.00	22.32 0.92 0.00	26.09 1.22 -0.02	30.04 1.46 0.00	35.69 1.67 0.00	32.58 1.52 0.00	26.80 1.32 0.00	25.19 1.22 0.00	22.80 1.05 -0.27	23.13 0.99 -0.15
HUNTER MOUNT___DRP 323613	28.29 0.59 -15.16	25.31 0.59 -12.11	23.65 0.61 -10.06	23.57 0.58 -10.70	22.72 0.63 -9.16	26.97 0.65 -11.65	25.32 0.72 -7.36	33.34 0.89 -13.07	32.36 1.01 -8.48	30.57 1.15 -0.54	25.18 1.11 0.00	24.90 1.05 0.00	22.17 0.81 0.00	21.20 0.68 0.00	22.30 0.90 0.00	22.32 0.92 0.00	26.12 1.24 -0.02	30.13 1.54 0.00	35.76 1.74 0.00	32.64 1.58 0.00	26.85 1.38 0.00	25.24 1.27 0.00	22.81 1.07 -0.26	23.17 1.03 -0.14
HUNTINGTON_RES_REC 323705	26.92 1.24 -13.14	24.16 1.20 -10.35	22.76 1.19 -8.59	22.54 1.12 -9.13	21.91 1.16 -7.82	25.97 1.35 -9.95	33.82 1.57 -15.02	38.67 1.90 -17.39	34.81 2.45 -9.50	32.50 3.03 -0.59	28.51 2.41 -2.04	26.34 2.46 -0.02	23.31 1.94 -0.01	22.35 1.83 0.00	23.79 2.10 -0.29	24.37 2.08 -0.89	27.39 2.51 -0.03	33.45 2.86 -2.01	37.54 3.51 -0.01	35.57 3.14 -1.38	34.27 2.62 -6.17	31.58 2.52 -5.09	27.92 2.13 -4.31	24.23 2.11 -0.13
HUNTLEY___63 23557	15.61 -0.29 -3.36	15.14 -0.15 -2.68	15.11 -0.10 -2.23	14.61 -0.05 -2.37	14.95 -0.01 -2.03	16.99 -0.26 -2.58	18.10 -0.78 -1.64	21.73 -0.58 -2.93	24.18 -0.59 -1.90	28.07 -0.92 -0.12	23.78 -0.29 0.00	23.38 -0.48 0.00	21.00 -0.36 0.00	20.05 -0.47 0.00	20.97 -0.43 0.00	20.85 -0.56 0.00	24.06 -0.80 -0.01	27.90 -0.69 0.00	32.76 -1.26 0.00	29.94 -1.12 0.00	24.71 -0.76 0.00	23.18 -0.79 0.00	20.68 -0.86 -0.06	21.47 -0.55 -0.03
HUNTLEY___64 23558	15.61 -0.29 -3.36	15.14 -0.15 -2.68	15.11 -0.10 -2.23	14.61 -0.05 -2.37	14.95 -0.01 -2.03	16.99 -0.26 -2.58	18.10 -0.78 -1.64	21.73 -0.58 -2.93	24.18 -0.59 -1.90	28.07 -0.92 -0.12	23.78 -0.29 0.00	23.38 -0.48 0.00	21.00 -0.36 0.00	20.05 -0.47 0.00	20.97 -0.43 0.00	20.85 -0.56 0.00	24.06 -0.80 -0.01	27.90 -0.69 0.00	32.76 -1.26 0.00	29.94 -1.12 0.00	24.71 -0.76 0.00	23.18 -0.79 0.00	20.68 -0.86 -0.06	21.47 -0.55 -0.03
HUNTLEY___65 23559	15.61 -0.29 -3.36	15.14 -0.15 -2.68	15.11 -0.10 -2.23	14.61 -0.05 -2.37	14.95 -0.01 -2.03	16.99 -0.26 -2.58	18.10 -0.78 -1.64	21.73 -0.58 -2.93	24.18 -0.59 -1.90	28.07 -0.92 -0.12	23.78 -0.29 0.00	23.38 -0.48 0.00	21.00 -0.36 0.00	20.05 -0.47 0.00	20.97 -0.43 0.00	20.85 -0.56 0.00	24.06 -0.80 -0.01	27.90 -0.69 0.00	32.76 -1.26 0.00	29.94 -1.12 0.00	24.71 -0.76 0.00	23.18 -0.79 0.00	20.68 -0.86 -0.06	21.47 -0.55 -0.03
HUNTLEY___66 23560	15.61 -0.29 -3.36	15.14 -0.15 -2.68	15.11 -0.10 -2.23	14.61 -0.05 -2.37	14.95 -0.01 -2.03	16.99 -0.26 -2.58	18.10 -0.78 -1.64	21.73 -0.58 -2.93	24.18 -0.59 -1.90	28.07 -0.92 -0.12	23.78 -0.29 0.00	23.38 -0.48 0.00	21.00 -0.36 0.00	20.05 -0.47 0.00	20.97 -0.43 0.00	20.85 -0.56 0.00	24.06 -0.80 -0.01	27.90 -0.69 0.00	32.76 -1.26 0.00	29.94 -1.12 0.00	24.71 -0.76 0.00	23.18 -0.79 0.00	20.68 -0.86 -0.06	21.47 -0.55 -0.03
HUNTLEY___67 23561	15.60 -0.34 -3.40	15.12 -0.20 -2.72	15.07 -0.17 -2.25	14.57 -0.12 -2.40	14.89 -0.09 -2.05	16.96 -0.32 -2.61	18.13 -0.78 -1.67	21.76 -0.58 -2.97	24.15 -0.64 -1.93	27.98 -1.01 -0.12	23.71 -0.36 0.00	23.31 -0.55 0.00	20.93 -0.43 0.00	20.01 -0.51 0.00	20.93 -0.47 0.00	20.80 -0.60 0.00	24.01 -0.84 -0.01	27.84 -0.74 0.00	32.70 -1.33 0.00	29.87 -1.18 0.00	24.69 -0.79 0.00	23.13 -0.84 0.00	20.64 -0.90 -0.06	21.45 -0.57 -0.03
HUNTLEY___68 23562	15.60 -0.34 -3.40	15.12 -0.20 -2.72	15.07 -0.17 -2.25	14.57 -0.12 -2.40	14.89 -0.09 -2.05	16.96 -0.32 -2.61	18.13 -0.78 -1.67	21.76 -0.58 -2.97	24.15 -0.64 -1.93	27.98 -1.01 -0.12	23.71 -0.36 0.00	23.31 -0.55 0.00	20.93 -0.43 0.00	20.01 -0.51 0.00	20.93 -0.47 0.00	20.80 -0.60 0.00	24.01 -0.84 -0.01	27.84 -0.74 0.00	32.70 -1.33 0.00	29.87 -1.18 0.00	24.69 -0.79 0.00	23.13 -0.84 0.00	20.64 -0.90 -0.06	21.45 -0.57 -0.03
HYLAND___LFG 323620	16.50 0.35 -3.61	15.91 0.42 -2.89	15.81 0.43 -2.40	15.27 0.43 -2.55	15.58 0.46 -2.18	17.97 0.53 -2.78	19.35 0.34 -1.77	23.33 0.81 -3.14	25.77 0.87 -2.04	29.75 0.75 -0.13	24.82 0.75 0.00	24.24 0.38 0.00	21.68 0.32 0.00	20.79 0.27 0.00	21.77 0.36 0.00	21.81 0.41 0.00	25.50 0.65 -0.01	29.81 1.23 0.00	35.52 1.50 0.00	32.76 1.71 0.00	26.65 1.17 0.00	24.88 0.91 0.00	22.14 0.60 -0.06	22.71 0.68 -0.03
INDECK___CORINTH 23802	29.98 0.83 -16.61	26.73 0.84 -13.28	24.88 0.87 -11.03	24.85 0.84 -11.72	23.87 0.90 -10.04	28.42 0.98 -12.77	26.43 1.10 -8.09	35.04 1.30 -14.36	33.88 1.69 -9.32	31.66 2.19 -0.59	25.83 1.76 0.00	25.69 1.84 0.00	22.77 1.41 0.00	21.57 1.05 0.00	22.60 1.20 0.00	22.62 1.22 0.00	26.27 1.39 -0.03	30.24 1.66 0.00	35.79 1.77 0.00	32.61 1.55 0.00	26.90 1.43 0.00	25.31 1.34 0.00	23.09 1.33 -0.28	23.62 1.47 -0.16

INDECK___ILION 23567	13.54 0.20 -0.80	13.56 0.19 -0.77	13.90 0.19 -0.72	13.17 0.18 -0.69	13.82 0.21 -0.68	15.17 0.23 -0.27	17.69 0.29 -0.17	20.03 0.35 -0.30	23.56 0.50 -0.19	29.55 0.66 -0.01	24.62 0.55 0.00	24.38 0.52 0.00	21.81 0.45 0.00	20.91 0.39 0.00	21.83 0.43 0.00	21.85 0.45 0.00	25.40 0.55 0.00	29.21 0.63 0.00	34.80 0.78 0.00	31.77 0.71 0.00	26.04 0.56 0.00	24.52 0.55 0.00	21.96 0.47 -0.01	22.46 0.46 0.00
INDECK___OLEAN 23982	15.74 -0.45 -3.65	15.18 -0.34 -2.92	15.05 -0.35 -2.42	14.57 -0.30 -2.57	14.91 -0.22 -2.20	17.08 -0.40 -2.80	18.28 -0.74 -1.79	22.21 -0.35 -3.18	24.52 -0.41 -2.06	28.31 -0.69 -0.13	24.60 0.53 0.00	24.19 0.33 0.00	21.64 0.28 0.00	20.67 0.14 0.00	21.62 0.21 0.00	21.49 0.09 0.00	24.81 -0.05 -0.01	28.81 0.23 0.00	34.02 0.00 0.00	31.46 0.40 0.00	25.58 0.10 0.00	23.97 0.00 0.00	21.35 -0.19 -0.06	22.20 0.18 -0.03
INDECK___OSWEGO 23783	14.40 -0.15 -2.01	14.00 -0.15 -1.54	14.07 -0.16 -1.24	13.50 -0.15 -1.36	13.89 -0.15 -1.12	16.19 -0.19 -1.72	18.04 -0.28 -1.08	21.05 -0.25 -1.92	23.75 -0.37 -1.25	28.43 -0.52 -0.08	23.68 -0.39 0.00	23.40 -0.45 0.00	20.91 -0.45 0.00	20.09 -0.43 0.00	20.98 -0.43 0.00	20.98 -0.43 0.00	24.36 -0.50 0.00	28.04 -0.54 0.00	33.37 -0.65 0.00	30.46 -0.59 0.00	24.99 -0.48 0.00	23.49 -0.48 0.00	21.11 -0.41 -0.04	21.64 -0.37 -0.02
INDECK___YERKES 23781	15.62 -0.28 -3.36	15.15 -0.14 -2.68	15.12 -0.09 -2.23	14.63 -0.04 -2.37	14.96 0.00 -2.03	17.00 -0.25 -2.58	18.11 -0.76 -1.64	21.83 -0.48 -2.93	24.20 -0.57 -1.90	28.07 -0.93 -0.12	23.81 -0.26 0.00	23.40 -0.45 0.00	21.00 -0.36 0.00	20.07 -0.45 0.00	20.98 -0.43 0.00	20.89 -0.51 0.00	24.14 -0.72 -0.01	28.01 -0.57 0.00	32.83 -1.19 0.00	30.53 -0.53 0.00	24.74 -0.74 0.00	23.20 -0.77 0.00	20.68 -0.86 -0.06	21.56 -0.46 -0.03
INDIAN POINT_GT_1 24139	26.15 0.82 -12.79	23.61 0.78 -10.23	22.28 0.80 -8.49	22.07 0.75 -9.03	21.45 0.79 -7.73	25.44 0.94 -9.84	24.50 1.05 -6.22	31.71 1.30 -11.03	31.65 1.62 -7.16	31.41 2.08 -0.46	25.64 1.56 0.00	25.52 1.67 0.00	22.64 1.28 0.00	21.69 1.17 0.00	22.84 1.43 0.00	22.73 1.33 0.00	26.54 1.67 -0.02	30.38 1.80 0.00	36.30 2.28 0.00	33.17 2.11 0.00	27.18 1.71 0.00	25.62 1.65 0.00	23.05 1.35 -0.22	23.50 1.39 -0.12
INDIAN POINT_GT_2 23659	26.15 0.82 -12.79	23.61 0.78 -10.23	22.28 0.80 -8.49	22.07 0.75 -9.03	21.45 0.79 -7.73	25.44 0.94 -9.84	24.50 1.05 -6.22	31.71 1.30 -11.03	31.65 1.62 -7.16	31.41 2.08 -0.46	25.64 1.56 0.00	25.52 1.67 0.00	22.64 1.28 0.00	21.69 1.17 0.00	22.84 1.43 0.00	22.73 1.33 0.00	26.54 1.67 -0.02	30.38 1.80 0.00	36.30 2.28 0.00	33.17 2.11 0.00	27.18 1.71 0.00	25.62 1.65 0.00	23.05 1.35 -0.22	23.50 1.39 -0.12
INDIAN POINT_GT_3 24019	26.15 0.82 -12.79	23.61 0.78 -10.23	22.28 0.80 -8.49	22.07 0.75 -9.03	21.45 0.79 -7.73	25.44 0.94 -9.84	24.50 1.05 -6.22	31.71 1.30 -11.03	31.65 1.62 -7.16	31.41 2.08 -0.46	25.64 1.56 0.00	25.52 1.67 0.00	22.64 1.28 0.00	21.69 1.17 0.00	22.84 1.43 0.00	22.73 1.33 0.00	26.54 1.67 -0.02	30.38 1.80 0.00	36.30 2.28 0.00	33.17 2.11 0.00	27.18 1.71 0.00	25.62 1.65 0.00	23.05 1.35 -0.22	23.50 1.39 -0.12
INDIAN POINT___2 23530	25.96 0.81 -12.60	23.45 0.77 -10.07	22.15 0.81 -8.36	21.93 0.75 -8.89	21.32 0.78 -7.61	25.28 0.92 -9.69	24.40 1.05 -6.11	31.53 1.30 -10.85	31.53 1.62 -7.05	31.37 2.05 -0.45	25.63 1.56 0.00	25.50 1.64 0.00	22.60 1.24 0.00	21.67 1.15 0.00	22.77 1.37 0.00	22.73 1.33 0.00	26.49 1.61 -0.02	30.33 1.74 0.00	36.27 2.24 0.00	33.04 1.99 0.00	27.16 1.68 0.00	25.60 1.63 0.00	23.05 1.35 -0.21	23.49 1.39 -0.12
INDIAN POINT___3 23531	26.14 0.80 -12.80	23.61 0.77 -10.23	22.27 0.79 -8.50	22.08 0.75 -9.03	21.44 0.78 -7.73	25.43 0.92 -9.84	24.48 1.03 -6.22	31.70 1.28 -11.04	31.63 1.60 -7.17	31.38 2.05 -0.46	25.61 1.54 0.00	25.50 1.65 0.00	22.62 1.26 0.00	21.67 1.15 0.00	22.82 1.41 0.00	22.71 1.31 0.00	26.51 1.64 -0.02	30.35 1.77 0.00	36.23 2.21 0.00	33.13 2.08 0.00	27.16 1.68 0.00	25.60 1.63 0.00	23.05 1.35 -0.22	23.47 1.36 -0.12
INGHAM_C_115KV_TB7 356103	13.72 0.38 -0.80	13.73 0.35 -0.77	14.07 0.36 -0.72	13.33 0.34 -0.69	14.00 0.39 -0.68	15.39 0.45 -0.27	17.97 0.57 -0.17	20.34 0.66 -0.30	23.97 0.91 -0.19	30.10 1.21 -0.01	25.13 1.06 0.00	24.88 1.03 0.00	22.23 0.88 0.00	21.30 0.78 0.00	22.26 0.86 0.00	22.28 0.88 0.00	25.90 1.04 0.00	29.81 1.23 0.00	35.49 1.46 0.00	32.39 1.34 0.00	26.57 1.10 0.00	25.05 1.08 0.00	22.43 0.95 -0.01	22.94 0.95 0.00
IP CORINTH___1 23988	29.98 0.83 -16.61	26.73 0.84 -13.28	24.88 0.87 -11.03	24.85 0.84 -11.72	23.87 0.91 -10.04	28.42 0.98 -12.77	26.42 1.12 -8.07	35.00 1.30 -14.32	33.86 1.69 -9.30	31.66 2.19 -0.59	25.83 1.76 0.00	25.69 1.84 0.00	22.79 1.43 0.00	21.57 1.05 0.00	22.64 1.24 0.00	22.60 1.20 0.00	26.27 1.39 -0.03	30.24 1.66 0.00	35.83 1.80 0.00	32.67 1.61 0.00	26.90 1.43 0.00	25.31 1.34 0.00	23.09 1.33 -0.28	23.62 1.47 -0.16
IP___TICONDEROGA 23804	30.34 1.22 -16.59	27.10 1.24 -13.26	25.26 1.27 -11.01	25.21 1.22 -11.71	24.28 1.33 -10.02	28.87 1.45 -12.75	26.93 1.64 -8.06	35.64 1.96 -14.30	34.71 2.56 -9.28	32.87 3.41 -0.59	26.81 2.74 0.00	26.57 2.72 0.00	23.45 2.09 0.00	22.14 1.62 0.00	23.27 1.86 0.00	23.35 1.95 0.00	27.19 2.31 -0.03	31.41 2.83 0.00	37.02 2.99 0.00	33.79 2.73 0.00	27.92 2.45 0.00	26.20 2.23 0.00	23.84 2.08 -0.28	24.21 2.07 -0.15
ISLIP_RES_REC 323679	27.05 1.37 -13.14	24.29 1.34 -10.35	22.89 1.32 -8.59	22.66 1.24 -9.13	22.03 1.28 -7.82	26.10 1.48 -9.95	33.92 1.67 -15.02	38.78 2.02 -17.39	35.04 2.67 -9.50	32.70 3.23 -0.59	28.68 2.58 -2.04	26.48 2.60 -0.02	23.44 2.07 -0.01	22.47 1.95 0.00	23.92 2.23 -0.29	24.52 2.23 -0.89	27.64 2.76 -0.03	33.70 3.12 -2.01	37.81 3.78 -0.01	35.82 3.39 -1.38	34.47 2.83 -6.17	31.80 2.73 -5.09	28.09 2.30 -4.31	24.39 2.27 -0.13
JAMAICA__27_KV_LOAD 355505	26.54 1.05 -12.94	23.94 0.98 -10.35	22.61 1.04 -8.59	22.40 0.97 -9.13	21.75 1.00 -7.82	25.84 1.22 -9.95	24.86 1.34 -6.29	32.21 1.67 -11.16	32.21 2.10 -7.25	32.05 2.71 -0.46	26.09 2.02 0.00	26.07 2.22 0.00	23.02 1.67 0.00	22.06 1.54 0.00	23.27 1.86 0.00	23.14 1.73 0.00	27.03 2.16 -0.02	30.90 2.32 0.00	36.95 2.93 0.00	33.76 2.70 0.00	27.67 2.19 0.00	26.06 2.09 0.00	23.46 1.76 -0.22	23.92 1.80 -0.12
JANIS___SOLAR 323808	17.74 0.51 -4.69	16.86 0.50 -3.75	16.64 0.55 -3.11	16.12 0.52 -3.31	16.32 0.56 -2.83	18.89 0.62 -3.61	20.22 0.71 -2.28	24.40 0.97 -4.05	26.73 1.23 -2.63	30.45 1.41 -0.17	25.37 1.30 0.00	24.90 1.05 0.00	22.19 0.83 0.00	21.28 0.76 0.00	22.28 0.88 0.00	22.30 0.90 0.00	26.05 1.19 -0.01	30.15 1.57 0.00	35.96 1.94 0.00	32.85 1.80 0.00	26.83 1.35 0.00	25.14 1.17 0.00	22.50 0.94 -0.08	22.94 0.90 -0.04

JARVIS____ 23743	13.39 0.05 -0.80	13.42 0.05 -0.77	13.76 0.05 -0.72	13.04 0.05 -0.69	13.66 0.05 -0.68	14.99 0.06 -0.27	17.47 0.07 -0.17	19.77 0.10 -0.30	23.20 0.14 -0.19	29.06 0.17 -0.01	24.22 0.15 0.00	23.97 0.12 0.00	21.44 0.09 0.00	20.58 0.06 0.00	21.49 0.09 0.00	21.49 0.09 0.00	24.98 0.12 0.00	28.73 0.14 0.00	34.19 0.17 0.00	31.21 0.16 0.00	25.61 0.13 0.00	24.09 0.12 0.00	21.59 0.11 -0.01	22.10 0.11 0.00
JENNISON____1 23625	18.73 0.61 -5.57	17.66 0.61 -4.45	17.31 0.64 -3.70	16.83 0.60 -3.93	16.94 0.65 -3.37	19.66 0.70 -4.28	20.75 0.81 -2.71	25.21 1.03 -4.81	27.43 1.44 -3.12	30.86 1.79 -0.20	25.71 1.64 0.00	25.26 1.41 0.00	22.51 1.15 0.00	21.53 1.01 0.00	22.60 1.20 0.00	22.54 1.13 0.00	26.28 1.42 -0.01	30.35 1.77 0.00	36.23 2.21 0.00	33.01 1.96 0.00	27.03 1.55 0.00	25.34 1.37 0.00	22.69 1.12 -0.10	23.10 1.06 -0.05
JENNISON____2 23626	18.73 0.61 -5.57	17.66 0.61 -4.45	17.31 0.64 -3.70	16.83 0.60 -3.93	16.94 0.65 -3.37	19.66 0.70 -4.28	20.75 0.81 -2.71	25.21 1.03 -4.81	27.43 1.44 -3.12	30.86 1.79 -0.20	25.71 1.64 0.00	25.26 1.41 0.00	22.51 1.15 0.00	21.53 1.01 0.00	22.60 1.20 0.00	22.54 1.13 0.00	26.28 1.42 -0.01	30.35 1.77 0.00	36.23 2.21 0.00	33.01 1.96 0.00	27.03 1.55 0.00	25.34 1.37 0.00	22.69 1.12 -0.10	23.10 1.06 -0.05
JERICHO_RISE_WT_PWR 323719	-7.70 -0.75 19.49	-7.64 -0.77 19.48	-7.66 -0.80 19.84	-7.68 -0.76 19.21	4.09 -0.80 8.04	13.90 -0.76 0.00	16.68 -0.55 0.00	18.80 -0.58 0.00	22.38 -0.48 0.00	28.58 -0.29 0.00	23.97 -0.10 0.00	23.95 0.10 0.00	21.53 0.17 0.00	20.81 0.29 0.00	21.62 0.21 0.00	21.66 0.26 0.00	25.13 0.27 0.00	29.01 0.43 0.00	34.57 0.54 0.00	31.64 0.59 0.00	25.81 0.33 0.00	24.23 0.26 0.00	21.76 0.28 0.00	22.19 0.20 0.00
KATONAH____115KV_46KV_TB4 355592	26.57 0.90 -13.13	23.96 0.86 -10.50	22.58 0.88 -8.72	22.38 0.82 -9.27	21.72 0.85 -7.93	25.78 1.01 -10.10	24.75 1.14 -6.38	32.14 1.43 -11.32	32.00 1.78 -7.35	31.62 2.28 -0.47	25.78 1.71 0.00	25.64 1.79 0.00	22.75 1.39 0.00	21.80 1.27 0.00	22.92 1.52 0.00	22.86 1.46 0.00	26.71 1.84 -0.02	30.58 2.00 0.00	36.54 2.52 0.00	33.45 2.39 0.00	27.36 1.89 0.00	25.79 1.82 0.00	23.16 1.46 -0.22	23.61 1.50 -0.12
KCE_NY_1 323755	29.83 0.73 -16.56	26.59 0.74 -13.24	24.74 0.77 -10.99	24.70 0.73 -11.69	23.73 0.79 -10.01	28.25 0.85 -12.73	26.27 0.96 -8.07	34.86 1.16 -14.32	33.63 1.46 -9.30	31.34 1.88 -0.59	25.56 1.49 0.00	25.38 1.53 0.00	22.53 1.17 0.00	21.51 0.99 0.00	22.54 1.13 0.00	22.60 1.20 0.00	26.32 1.44 -0.03	30.27 1.69 0.00	35.89 1.87 0.00	32.70 1.64 0.00	26.95 1.48 0.00	25.36 1.39 0.00	23.03 1.27 -0.28	23.40 1.25 -0.16
KCE_NY_6_ESR 323823	15.72 -0.29 -3.47	15.21 -0.16 -2.77	15.15 -0.13 -2.30	14.65 -0.09 -2.45	14.99 -0.04 -2.09	17.08 -0.25 -2.67	18.26 -0.67 -1.70	22.03 -0.37 -3.03	24.42 -0.41 -1.96	28.28 -0.72 -0.12	24.12 0.05 0.00	23.74 -0.12 0.00	21.27 -0.09 0.00	20.34 -0.19 0.00	21.25 -0.15 0.00	21.17 -0.23 0.00	24.46 -0.40 -0.01	28.38 -0.20 0.00	33.34 -0.68 0.00	30.93 -0.12 0.00	25.10 -0.38 0.00	23.54 -0.43 0.00	20.98 -0.56 -0.06	21.85 -0.18 -0.03
KEDC_PORT_JEFF_GT2 24210	26.97 1.29 -13.14	24.22 1.26 -10.35	22.83 1.26 -8.59	22.60 1.18 -9.13	21.96 1.22 -7.82	26.03 1.41 -9.95	33.84 1.58 -15.02	38.69 1.92 -17.39	34.90 2.54 -9.50	32.56 3.09 -0.59	28.56 2.46 -2.04	26.36 2.48 -0.02	23.33 1.96 -0.01	22.37 1.85 0.00	23.81 2.12 -0.29	24.41 2.12 -0.89	27.49 2.61 -0.03	33.53 2.94 -2.01	37.60 3.57 -0.01	35.60 3.17 -1.38	34.32 2.67 -6.17	31.65 2.59 -5.09	27.96 2.17 -4.31	24.28 2.16 -0.13
KEDC_PORT_JEFF_GT3 24211	26.97 1.29 -13.14	24.22 1.26 -10.35	22.83 1.26 -8.59	22.60 1.18 -9.13	21.96 1.22 -7.82	26.03 1.41 -9.95	33.84 1.58 -15.02	38.69 1.92 -17.39	34.90 2.54 -9.50	32.56 3.09 -0.59	28.56 2.46 -2.04	26.36 2.48 -0.02	23.33 1.96 -0.01	22.37 1.85 0.00	23.81 2.12 -0.29	24.41 2.12 -0.89	27.49 2.61 -0.03	33.53 2.94 -2.01	37.60 3.57 -0.01	35.60 3.17 -1.38	34.32 2.67 -6.17	31.65 2.59 -5.09	27.96 2.17 -4.31	24.28 2.16 -0.13
KEDC_GLWD_GT4 24219	26.81 1.13 -13.14	24.05 1.10 -10.35	22.67 1.10 -8.59	22.46 1.03 -9.13	21.81 1.06 -7.82	25.86 1.25 -9.95	33.72 1.46 -15.02	38.57 1.80 -17.39	34.61 2.24 -9.50	32.32 2.86 -0.59	28.35 2.24 -2.04	26.22 2.34 -0.02	23.18 1.81 -0.01	22.21 1.68 0.00	23.64 1.95 -0.29	24.20 1.90 -0.89	27.14 2.26 -0.03	33.10 2.52 -2.01	37.23 3.20 -0.01	35.29 2.86 -1.38	34.04 2.39 -6.17	31.34 2.28 -5.09	27.72 1.93 -4.31	24.08 1.96 -0.13
KEDC_GLWD_GT5 24220	26.81 1.13 -13.14	24.05 1.10 -10.35	22.67 1.10 -8.59	22.46 1.03 -9.13	21.81 1.06 -7.82	25.86 1.25 -9.95	33.72 1.46 -15.02	38.57 1.80 -17.39	34.61 2.24 -9.50	32.32 2.86 -0.59	28.35 2.24 -2.04	26.22 2.34 -0.02	23.18 1.81 -0.01	22.21 1.68 0.00	23.64 1.95 -0.29	24.20 1.90 -0.89	27.14 2.26 -0.03	33.10 2.52 -2.01	37.23 3.20 -0.01	35.29 2.86 -1.38	34.04 2.39 -6.17	31.34 2.28 -5.09	27.72 1.93 -4.31	24.08 1.96 -0.13
KENSICO____ 23655	26.31 0.85 -12.91	23.75 0.82 -10.32	22.40 0.84 -8.57	22.19 0.79 -9.11	21.56 0.83 -7.80	25.58 0.98 -9.93	24.61 1.10 -6.27	31.87 1.36 -11.14	31.81 1.71 -7.23	31.50 2.17 -0.46	25.71 1.64 0.00	25.60 1.74 0.00	22.70 1.35 0.00	21.75 1.23 0.00	22.90 1.50 0.00	22.79 1.39 0.00	26.61 1.74 -0.02	30.47 1.89 0.00	36.40 2.38 0.00	33.26 2.20 0.00	27.26 1.78 0.00	25.70 1.73 0.00	23.14 1.44 -0.22	23.59 1.47 -0.12
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.43 0.83 -12.06	23.00 0.76 -9.64	21.78 0.79 -8.01	21.54 0.74 -8.51	20.98 0.76 -7.29	24.84 0.89 -9.27	24.07 0.98 -5.86	31.00 1.22 -10.40	31.20 1.58 -6.75	31.24 1.93 -0.43	25.52 1.44 0.00	25.33 1.48 0.00	22.49 1.13 0.00	21.55 1.03 0.00	22.73 1.33 0.00	22.62 1.22 0.00	26.44 1.57 -0.02	30.38 1.80 0.00	36.30 2.28 0.00	33.20 2.14 0.00	27.24 1.76 0.00	25.62 1.65 0.00	22.99 1.31 -0.21	23.47 1.36 -0.11
KIAC_JFK_GT1 23816	26.50 1.02 -12.94	23.90 0.95 -10.35	22.57 1.00 -8.59	22.36 0.93 -9.13	21.72 0.97 -7.82	25.79 1.17 -9.95	24.83 1.31 -6.29	32.15 1.61 -11.16	32.15 2.04 -7.25	31.96 2.63 -0.46	26.04 1.97 0.00	26.00 2.15 0.00	22.96 1.60 0.00	22.00 1.48 0.00	23.20 1.80 0.00	23.07 1.67 0.00	26.96 2.09 -0.02	30.81 2.23 0.00	36.85 2.82 0.00	33.66 2.61 0.00	27.59 2.11 0.00	25.98 2.01 0.00	23.40 1.70 -0.22	23.85 1.74 -0.12
KIAC_JFK_GT2 23817	26.50 1.02 -12.94	23.90 0.95 -10.35	22.57 1.00 -8.59	22.36 0.93 -9.13	21.72 0.97 -7.82	25.79 1.17 -9.95	24.83 1.31 -6.29	32.15 1.61 -11.16	32.15 2.04 -7.25	31.96 2.63 -0.46	26.04 1.97 0.00	26.00 2.15 0.00	22.96 1.60 0.00	22.00 1.48 0.00	23.20 1.80 0.00	23.07 1.67 0.00	26.96 2.09 -0.02	30.81 2.23 0.00	36.85 2.82 0.00	33.66 2.61 0.00	27.59 2.11 0.00	25.98 2.01 0.00	23.40 1.70 -0.22	23.85 1.74 -0.12

KIAC_JFK____ 323774	26.50 1.02 -12.94	23.90 0.95 -10.35	22.57 1.00 -8.59	22.36 0.93 -9.13	21.72 0.97 -7.82	25.79 1.17 -9.95	24.82 1.31 -6.28	32.15 1.63 -11.15	32.16 2.06 -7.24	31.96 2.63 -0.46	26.07 2.00 0.00	26.00 2.15 0.00	22.94 1.58 0.00	22.02 1.50 0.00	23.16 1.76 0.00	23.12 1.71 0.00	26.96 2.09 -0.02	30.78 2.20 0.00	36.84 2.82 0.00	33.57 2.51 0.00	27.59 2.11 0.00	26.01 2.04 0.00	23.42 1.72 -0.22	23.85 1.74 -0.12
KINTIGH____ 23543	15.49 -0.20 -3.15	15.04 -0.09 -2.52	15.01 -0.06 -2.09	14.48 -0.04 -2.22	14.82 -0.01 -1.90	16.90 -0.19 -2.42	18.20 -0.59 -1.56	21.73 -0.41 -2.76	24.18 -0.48 -1.79	28.21 -0.78 -0.11	23.59 -0.48 0.00	23.19 -0.67 0.00	20.82 -0.53 0.00	19.95 -0.57 0.00	20.85 -0.56 0.00	20.74 -0.66 0.00	23.94 -0.92 -0.01	27.72 -0.86 0.00	32.63 -1.39 0.00	29.78 -1.27 0.00	24.61 -0.87 0.00	23.06 -0.91 0.00	20.63 -0.90 -0.05	21.36 -0.66 -0.03
KNTFSRNC_46_KV_46KV_LOAD 80397	-6.97 -0.53 18.99	-6.97 -0.57 19.01	-6.97 -0.60 19.36	-6.99 -0.57 18.72	4.10 -0.67 8.16	14.05 -0.62 0.00	16.92 -0.31 0.00	19.11 -0.27 0.00	22.73 -0.14 0.00	28.99 0.12 0.00	24.36 0.29 0.00	24.28 0.43 0.00	21.81 0.45 0.00	21.12 0.60 0.00	21.90 0.49 0.00	22.00 0.60 0.00	25.52 0.67 0.00	29.55 0.97 0.00	35.15 1.12 0.00	32.27 1.21 0.00	26.24 0.76 0.00	24.64 0.67 0.00	22.10 0.62 0.00	22.50 0.51 0.00
LACHUTE____HYDRO 323717	30.34 1.22 -16.59	27.10 1.24 -13.26	25.26 1.27 -11.01	25.21 1.22 -11.71	24.28 1.33 -10.02	28.87 1.45 -12.75	26.93 1.62 -8.08	35.68 1.96 -14.35	34.74 2.56 -9.31	32.87 3.41 -0.59	26.81 2.74 0.00	26.55 2.69 0.00	23.43 2.07 0.00	22.14 1.62 0.00	23.20 1.80 0.00	23.37 1.97 0.00	27.19 2.31 -0.03	31.38 2.80 0.00	37.02 2.99 0.00	33.73 2.67 0.00	27.92 2.45 0.00	26.20 2.23 0.00	23.85 2.08 -0.28	24.21 2.07 -0.16
LAWRNCV_115KV_TB1 80681	7.41 -0.24 4.90	6.82 -0.28 5.51	7.11 -0.30 5.57	7.11 -0.28 4.90	5.96 -0.31 6.66	14.62 -0.32 -0.28	17.15 -0.26 -0.18	19.18 -0.50 -0.31	22.54 -0.53 -0.20	28.28 -0.61 -0.01	23.73 -0.34 0.00	23.59 -0.26 0.00	21.21 -0.15 0.00	20.46 -0.06 0.00	21.19 -0.21 0.00	21.30 -0.11 0.00	24.60 -0.25 0.00	28.15 -0.43 0.00	33.51 -0.51 0.00	30.68 -0.37 0.00	25.04 -0.43 0.00	23.73 -0.24 0.00	21.40 -0.09 -0.01	21.80 -0.20 0.00
LEDERLE____ 23769	25.81 0.87 -12.40	23.34 0.82 -9.91	22.06 0.84 -8.23	21.83 0.79 -8.75	21.25 0.83 -7.49	25.19 0.98 -9.54	24.36 1.10 -6.03	31.43 1.36 -10.70	31.50 1.69 -6.94	31.48 2.17 -0.44	25.68 1.61 0.00	25.57 1.72 0.00	22.68 1.32 0.00	21.73 1.21 0.00	22.88 1.48 0.00	22.77 1.37 0.00	26.56 1.69 -0.02	30.47 1.89 0.00	36.37 2.35 0.00	33.26 2.20 0.00	27.26 1.78 0.00	25.67 1.70 0.00	23.11 1.42 -0.21	23.56 1.45 -0.12
LIGHTHSE_115KV_TB6 355974	13.97 -0.05 -1.48	13.57 -0.06 -1.02	13.65 -0.06 -0.74	13.11 -0.06 -0.88	13.51 -0.06 -0.64	16.17 -0.09 -1.59	18.12 -0.12 -1.01	21.07 -0.10 -1.79	23.86 -0.16 -1.16	28.69 -0.26 -0.07	23.90 -0.17 0.00	23.57 -0.29 0.00	21.04 -0.32 0.00	20.17 -0.35 0.00	21.06 -0.34 0.00	21.06 -0.34 0.00	24.53 -0.32 0.00	28.27 -0.31 0.00	33.72 -0.31 0.00	30.71 -0.34 0.00	25.20 -0.28 0.00	23.71 -0.26 0.00	21.30 -0.21 -0.04	21.79 -0.22 -0.02
LINDEN COGEN____ 23786	26.35 0.86 -12.94	23.77 0.82 -10.35	22.46 0.88 -8.59	22.25 0.82 -9.13	21.60 0.85 -7.82	25.65 1.03 -9.95	24.65 1.14 -6.28	31.94 1.41 -11.15	31.89 1.78 -7.24	31.59 2.25 -0.46	25.78 1.71 0.00	25.67 1.81 0.00	22.73 1.37 0.00	21.82 1.29 0.00	22.92 1.52 0.00	22.86 1.46 0.00	26.64 1.76 -0.02	30.47 1.89 0.00	36.44 2.42 0.00	33.17 2.11 0.00	27.29 1.81 0.00	25.72 1.75 0.00	23.18 1.48 -0.22	23.61 1.50 -0.12
LINDHRST_69_KV_BK1 356055	26.94 1.27 -13.13	24.18 1.24 -10.34	22.79 1.22 -8.59	22.57 1.14 -9.13	21.94 1.19 -7.82	26.00 1.38 -9.95	33.82 1.57 -15.02	38.67 1.90 -17.40	34.84 2.47 -9.50	32.55 3.09 -0.58	28.53 2.43 -2.03	26.40 2.53 -0.01	23.37 2.01 0.00	22.37 1.85 0.00	23.87 2.18 -0.28	24.36 2.08 -0.88	27.43 2.56 -0.02	33.47 2.89 -2.00	37.56 3.54 0.00	35.69 3.26 -1.37	34.31 2.68 -6.16	31.60 2.54 -5.09	27.93 2.15 -4.30	24.27 2.16 -0.12
LIPA_MISC_IPP 23656	26.96 1.29 -13.13	24.21 1.26 -10.34	22.82 1.25 -8.59	22.59 1.17 -9.13	21.95 1.20 -7.82	26.03 1.41 -9.95	33.79 1.53 -15.02	38.63 1.86 -17.40	34.88 2.52 -9.50	32.43 2.97 -0.58	28.43 2.33 -2.03	26.23 2.36 -0.01	23.24 1.88 0.00	22.31 1.79 0.00	23.76 2.08 -0.28	24.30 2.01 -0.88	27.46 2.58 -0.02	33.49 2.92 -2.00	37.46 3.44 0.00	35.53 3.11 -1.37	34.21 2.57 -6.16	31.50 2.45 -5.09	27.87 2.08 -4.30	24.20 2.09 -0.12
LISF____SOLAR 323691	26.99 1.32 -13.14	24.24 1.29 -10.35	22.84 1.27 -8.59	22.62 1.19 -9.13	21.98 1.23 -7.82	26.04 1.42 -9.95	33.84 1.58 -15.02	38.69 1.92 -17.39	34.93 2.56 -9.50	32.50 3.03 -0.59	28.49 2.38 -2.04	26.26 2.39 -0.02	23.25 1.88 -0.01	22.33 1.81 0.00	23.75 2.05 -0.29	24.37 2.08 -0.89	27.49 2.61 -0.03	33.53 2.94 -2.01	37.54 3.51 -0.01	35.54 3.11 -1.38	34.27 2.62 -6.17	31.63 2.57 -5.09	27.92 2.13 -4.31	24.23 2.11 -0.13
LITTLE FALLS____HYD 24013	13.72 0.38 -0.80	13.73 0.35 -0.77	14.07 0.36 -0.72	13.33 0.34 -0.69	14.00 0.39 -0.68	15.39 0.45 -0.27	17.97 0.57 -0.17	20.34 0.66 -0.30	23.97 0.91 -0.19	30.10 1.21 -0.01	25.13 1.06 0.00	24.88 1.03 0.00	22.23 0.88 0.00	21.30 0.78 0.00	22.26 0.86 0.00	22.28 0.88 0.00	25.90 1.04 0.00	29.81 1.23 0.00	35.49 1.46 0.00	32.39 1.34 0.00	26.57 1.10 0.00	25.05 1.08 0.00	22.43 0.95 -0.01	22.94 0.95 0.00
LITTLRIV_115KV_TB1 356100	7.83 -0.14 4.58	7.24 -0.18 5.19	7.54 -0.19 5.25	7.52 -0.18 4.59	6.23 -0.21 6.49	14.74 -0.22 -0.29	17.30 -0.12 -0.19	19.34 -0.37 -0.33	22.76 -0.32 -0.21	28.54 -0.35 -0.01	23.97 -0.10 0.00	23.76 -0.10 0.00	21.38 0.02 0.00	20.60 0.08 0.00	21.34 -0.06 0.00	21.45 0.04 0.00	24.78 -0.07 0.00	28.41 -0.17 0.00	33.85 -0.17 0.00	31.02 -0.03 0.00	25.27 -0.20 0.00	23.95 -0.02 0.00	21.59 0.11 -0.01	21.95 -0.04 0.00
LI_NEWBRDGE____DRP 323616	26.70 1.03 -13.13	23.94 1.00 -10.34	22.58 1.01 -8.59	22.37 0.95 -9.13	21.72 0.97 -7.82	25.76 1.14 -9.95	33.61 1.36 -15.02	38.44 1.67 -17.40	34.42 2.06 -9.50	32.06 2.60 -0.58	28.10 2.00 -2.03	25.97 2.10 -0.01	23.00 1.64 0.00	22.04 1.52 0.00	23.51 1.82 -0.28	24.00 1.71 -0.88	26.98 2.11 -0.02	32.89 2.32 -2.00	36.88 2.86 0.00	35.07 2.64 -1.37	33.80 2.17 -6.16	31.12 2.06 -5.09	27.52 1.74 -4.30	23.89 1.78 -0.12
LOCKPORT_115KV_TB60_63_64 80432	15.47 -0.35 -3.29	15.01 -0.23 -2.63	14.97 -0.19 -2.18	14.46 -0.15 -2.32	14.80 -0.12 -1.99	16.84 -0.35 -2.53	18.00 -0.84 -1.61	21.57 -0.68 -2.87	24.00 -0.73 -1.86	27.89 -1.10 -0.12	23.59 -0.48 0.00	23.16 -0.69 0.00	20.80 -0.56 0.00	19.89 -0.64 0.00	20.78 -0.62 0.00	20.68 -0.73 0.00	23.86 -0.99 -0.01	27.67 -0.91 0.00	32.49 -1.53 0.00	29.69 -1.37 0.00	24.53 -0.94 0.00	22.99 -0.98 0.00	20.50 -1.03 -0.06	21.32 -0.70 -0.03

LOCKPORT___CC1 323769	15.49 -0.35 -3.30	15.03 -0.21 -2.64	14.99 -0.18 -2.19	14.49 -0.13 -2.33	14.82 -0.10 -1.99	16.87 -0.34 -2.54	18.03 -0.83 -1.62	21.68 -0.58 -2.88	24.00 -0.73 -1.87	27.89 -1.10 -0.12	23.59 -0.48 0.00	23.19 -0.67 0.00	20.80 -0.56 0.00	19.91 -0.62 0.00	20.78 -0.62 0.00	20.70 -0.71 0.00	23.94 -0.92 -0.01	27.78 -0.80 0.00	32.53 -1.50 0.00	30.28 -0.78 0.00	24.53 -0.94 0.00	22.99 -0.98 0.00	20.51 -1.03 -0.06	21.38 -0.64 -0.03
LOCKPORT___CC2 323770	15.49 -0.35 -3.30	15.03 -0.21 -2.64	14.99 -0.18 -2.19	14.49 -0.13 -2.33	14.82 -0.10 -1.99	16.87 -0.34 -2.54	18.03 -0.83 -1.62	21.68 -0.58 -2.88	24.00 -0.73 -1.87	27.89 -1.10 -0.12	23.59 -0.48 0.00	23.19 -0.67 0.00	20.80 -0.56 0.00	19.91 -0.62 0.00	20.78 -0.62 0.00	20.70 -0.71 0.00	23.94 -0.92 -0.01	27.78 -0.80 0.00	32.53 -1.50 0.00	30.28 -0.78 0.00	24.53 -0.94 0.00	22.99 -0.98 0.00	20.51 -1.03 -0.06	21.38 -0.64 -0.03
LOCKPORT___CC3 323771	15.49 -0.35 -3.30	15.03 -0.21 -2.64	14.99 -0.18 -2.19	14.49 -0.13 -2.33	14.82 -0.10 -1.99	16.87 -0.34 -2.54	18.03 -0.83 -1.62	21.68 -0.58 -2.88	24.00 -0.73 -1.87	27.89 -1.10 -0.12	23.59 -0.48 0.00	23.19 -0.67 0.00	20.80 -0.56 0.00	19.91 -0.62 0.00	20.78 -0.62 0.00	20.70 -0.71 0.00	23.94 -0.92 -0.01	27.78 -0.80 0.00	32.53 -1.50 0.00	30.28 -0.78 0.00	24.53 -0.94 0.00	22.99 -0.98 0.00	20.51 -1.03 -0.06	21.38 -0.64 -0.03
LONG_LAKE_PHOENIX 24014	14.76 -0.10 -2.32	14.37 -0.09 -1.85	14.43 -0.09 -1.54	13.84 -0.09 -1.64	14.24 -0.09 -1.40	16.33 -0.12 -1.78	18.17 -0.19 -1.13	21.24 -0.14 -2.00	23.94 -0.23 -1.30	28.61 -0.35 -0.08	23.83 -0.24 0.00	23.57 -0.29 0.00	21.06 -0.30 0.00	20.21 -0.31 0.00	21.12 -0.28 0.00	21.08 -0.32 0.00	24.51 -0.35 0.00	28.18 -0.40 0.00	33.58 -0.44 0.00	30.59 -0.47 0.00	25.15 -0.33 0.00	23.64 -0.34 0.00	21.22 -0.30 -0.04	21.75 -0.26 -0.02
LOVETT___3 23632	25.80 0.80 -12.45	23.33 0.77 -9.95	22.04 0.79 -8.27	21.82 0.74 -8.79	21.23 0.78 -7.53	25.17 0.92 -9.58	24.32 1.03 -6.05	31.40 1.28 -10.74	31.44 1.60 -6.97	31.34 2.02 -0.44	25.59 1.52 0.00	25.48 1.62 0.00	22.60 1.24 0.00	21.65 1.13 0.00	22.79 1.39 0.00	22.69 1.28 0.00	26.46 1.59 -0.02	30.33 1.74 0.00	36.23 2.21 0.00	33.10 2.05 0.00	27.13 1.66 0.00	25.58 1.61 0.00	23.02 1.33 -0.21	23.47 1.36 -0.12
LOVETT___4 23642	25.80 0.80 -12.45	23.33 0.77 -9.95	22.04 0.79 -8.27	21.82 0.74 -8.79	21.23 0.78 -7.53	25.17 0.92 -9.58	24.32 1.03 -6.05	31.40 1.28 -10.74	31.44 1.60 -6.97	31.34 2.02 -0.44	25.59 1.52 0.00	25.48 1.62 0.00	22.60 1.24 0.00	21.65 1.13 0.00	22.79 1.39 0.00	22.69 1.28 0.00	26.46 1.59 -0.02	30.33 1.74 0.00	36.23 2.21 0.00	33.10 2.05 0.00	27.13 1.66 0.00	25.58 1.61 0.00	23.02 1.33 -0.21	23.47 1.36 -0.12
LOVETT___5 23593	25.80 0.80 -12.45	23.33 0.77 -9.95	22.04 0.79 -8.27	21.82 0.74 -8.79	21.23 0.78 -7.53	25.17 0.92 -9.58	24.32 1.03 -6.05	31.40 1.28 -10.74	31.44 1.60 -6.97	31.34 2.02 -0.44	25.59 1.52 0.00	25.48 1.62 0.00	22.60 1.24 0.00	21.65 1.13 0.00	22.79 1.39 0.00	22.69 1.28 0.00	26.46 1.59 -0.02	30.33 1.74 0.00	36.23 2.21 0.00	33.10 2.05 0.00	27.13 1.66 0.00	25.58 1.61 0.00	23.02 1.33 -0.21	23.47 1.36 -0.12
LOWER_RAQUET___HYD 24057	8.00 -0.26 4.27	7.43 -0.29 4.89	7.72 -0.31 4.95	7.70 -0.30 4.30	6.27 -0.32 6.34	14.64 -0.34 -0.31	17.14 -0.29 -0.20	19.15 -0.58 -0.35	22.50 -0.59 -0.23	28.22 -0.66 -0.01	23.71 -0.36 0.00	23.57 -0.29 0.00	21.23 -0.13 0.00	20.46 -0.06 0.00	21.23 -0.17 0.00	21.25 -0.15 0.00	24.58 -0.27 0.00	28.07 -0.51 0.00	33.48 -0.55 0.00	30.62 -0.43 0.00	24.97 -0.51 0.00	23.71 -0.26 0.00	21.42 -0.06 -0.01	21.80 -0.20 0.00
LOWER___HUDSON 24059	29.32 0.53 -16.26	26.15 0.55 -12.99	24.34 0.57 -10.79	24.31 0.54 -11.47	23.34 0.58 -9.82	27.80 0.63 -12.50	25.85 0.69 -7.93	34.30 0.85 -14.08	33.05 1.05 -9.14	30.78 1.33 -0.58	25.13 1.06 0.00	24.93 1.07 0.00	22.17 0.81 0.00	21.24 0.72 0.00	22.26 0.86 0.00	22.30 0.90 0.00	26.02 1.14 -0.03	29.87 1.29 0.00	35.48 1.46 0.00	32.30 1.24 0.00	26.60 1.12 0.00	25.02 1.05 0.00	22.72 0.97 -0.28	23.07 0.92 -0.15
LOWVILLE_115KV_TB2 356335	12.55 0.06 0.05	12.25 0.03 0.38	12.49 0.03 0.52	11.98 0.01 0.32	11.96 0.01 0.99	15.45 0.01 -0.77	17.79 0.07 -0.49	20.26 0.02 -0.86	23.59 0.16 -0.56	29.08 0.17 -0.04	24.22 0.14 0.00	23.85 0.00 0.00	21.32 -0.04 0.00	20.46 -0.06 0.00	21.36 -0.04 0.00	21.40 0.00 0.00	24.93 0.07 0.00	28.78 0.20 0.00	34.36 0.34 0.00	31.33 0.28 0.00	25.60 0.13 0.00	24.09 0.12 0.00	21.62 0.13 -0.02	22.00 0.00 -0.01
LUTHERFT_115KV_GLOB_FND_222 355753	29.82 0.71 -16.56	26.57 0.73 -13.24	24.73 0.75 -10.99	24.70 0.73 -11.69	23.71 0.78 -10.01	28.25 0.85 -12.73	26.22 0.95 -8.05	34.80 1.14 -14.28	33.58 1.44 -9.27	31.31 1.85 -0.59	25.56 1.49 0.00	25.36 1.50 0.00	22.53 1.17 0.00	21.51 0.99 0.00	22.58 1.18 0.00	22.56 1.16 0.00	26.32 1.44 -0.03	30.27 1.69 0.00	35.89 1.87 0.00	32.76 1.71 0.00	26.95 1.48 0.00	25.36 1.39 0.00	23.03 1.27 -0.28	23.40 1.25 -0.15
LUTHERNY_35_KV_BK2 355980	29.83 0.73 -16.56	26.59 0.74 -13.24	24.74 0.77 -10.99	24.70 0.73 -11.69	23.73 0.79 -10.01	28.25 0.85 -12.73	26.24 0.96 -8.05	34.82 1.16 -14.28	33.60 1.46 -9.27	31.34 1.88 -0.59	25.56 1.49 0.00	25.38 1.53 0.00	22.55 1.20 0.00	21.51 0.99 0.00	22.58 1.18 0.00	22.58 1.18 0.00	26.34 1.47 -0.03	30.30 1.71 0.00	35.93 1.91 0.00	32.76 1.71 0.00	26.95 1.48 0.00	25.36 1.39 0.00	23.03 1.27 -0.28	23.40 1.25 -0.15
LWR___OSWEGATCHIE_HYD 23850	10.04 -0.18 2.32	9.57 -0.21 2.83	9.83 -0.22 2.93	9.59 -0.22 2.48	8.79 -0.23 3.91	14.98 -0.26 -0.57	17.37 -0.22 -0.36	19.63 -0.39 -0.64	22.92 -0.37 -0.42	28.47 -0.43 -0.03	23.81 -0.26 0.00	23.54 -0.31 0.00	21.10 -0.26 0.00	20.30 -0.23 0.00	21.10 -0.30 0.00	21.19 -0.21 0.00	24.58 -0.27 0.00	28.24 -0.34 0.00	33.68 -0.34 0.00	30.77 -0.28 0.00	25.12 -0.36 0.00	23.75 -0.22 0.00	21.38 -0.11 -0.01	21.76 -0.24 -0.01
LYONS_FALL_HYD 23570	13.10 0.14 -0.42	12.87 0.11 -0.15	13.13 0.12 -0.03	12.54 0.10 -0.15	12.72 0.10 0.31	15.50 0.12 -0.72	17.86 0.17 -0.45	20.34 0.15 -0.81	23.71 0.32 -0.52	29.28 0.37 -0.03	24.41 0.34 0.00	24.07 0.21 0.00	21.49 0.13 0.00	20.63 0.10 0.00	21.53 0.13 0.00	21.57 0.17 0.00	25.10 0.25 0.00	28.95 0.37 0.00	34.53 0.51 0.00	31.52 0.47 0.00	25.76 0.28 0.00	24.23 0.26 0.00	21.73 0.24 -0.02	22.13 0.13 -0.01
MADISON___COUNTY_LFGE 323628	14.39 0.34 -1.51	14.13 0.32 -1.21	14.31 0.32 -1.00	13.66 0.31 -1.06	14.16 0.32 -0.91	16.18 0.35 -1.16	18.38 0.41 -0.73	21.18 0.50 -1.30	24.40 0.69 -0.84	29.74 0.81 -0.05	24.79 0.72 0.00	24.43 0.57 0.00	21.81 0.45 0.00	20.93 0.41 0.00	21.87 0.47 0.00	21.87 0.47 0.00	25.45 0.60 0.00	29.33 0.74 0.00	34.94 0.92 0.00	31.86 0.81 0.00	26.09 0.61 0.00	24.52 0.55 0.00	21.96 0.45 -0.03	22.45 0.44 -0.01

MALONE___115KV_TB1 356076	12.07 -0.51 -0.04	11.22 -0.54 0.84	11.69 -0.58 0.71	11.83 -0.54 -0.08	4.67 -0.58 7.68	14.13 -0.54 0.00	16.92 -0.31 0.00	19.05 -0.33 0.00	22.61 -0.25 0.00	28.82 -0.06 0.00	24.22 0.14 0.00	24.09 0.24 0.00	21.66 0.30 0.00	20.95 0.43 0.00	21.72 0.32 0.00	21.83 0.43 0.00	25.27 0.42 0.00	29.18 0.60 0.00	34.74 0.71 0.00	31.86 0.81 0.00	25.94 0.46 0.00	24.40 0.43 0.00	21.93 0.45 0.00	22.30 0.31 0.00
MAPLEWOD_115KV_TB3 80458	29.22 0.51 -16.17	26.07 0.54 -12.92	24.27 0.56 -10.73	24.23 0.53 -11.41	23.27 0.57 -9.77	27.72 0.62 -12.43	25.79 0.71 -7.86	34.19 0.87 -13.94	32.92 1.01 -9.05	30.69 1.24 -0.58	25.06 0.99 0.00	24.86 1.00 0.00	22.15 0.79 0.00	21.22 0.70 0.00	22.28 0.88 0.00	22.26 0.86 0.00	26.00 1.12 -0.03	29.84 1.26 0.00	35.45 1.43 0.00	32.36 1.30 0.00	26.60 1.12 0.00	25.03 1.05 0.00	22.70 0.95 -0.28	23.02 0.88 -0.15
MAPLE_RIDGE_WT_1 323574	0.00 -0.65 11.89	-0.76 -0.64 12.73	-0.48 -0.64 12.82	0.00 -0.61 11.68	0.00 -0.63 12.30	14.05 -0.62 0.00	16.68 -0.55 0.00	18.78 -0.60 0.00	22.29 -0.57 0.00	28.27 -0.61 0.00	23.61 -0.46 0.00	23.45 -0.41 0.00	21.06 -0.30 0.00	20.28 -0.25 0.00	21.10 -0.30 0.00	21.12 -0.28 0.00	24.50 -0.35 0.00	28.21 -0.37 0.00	33.58 -0.44 0.00	30.65 -0.40 0.00	25.10 -0.38 0.00	23.61 -0.36 0.00	21.18 -0.30 0.00	21.66 -0.33 0.00
MAPLE_RIDGE_WT_2 323611	0.00 -0.65 11.89	-0.76 -0.64 12.73	-0.48 -0.64 12.82	0.00 -0.61 11.68	0.00 -0.63 12.30	14.05 -0.62 0.00	16.68 -0.55 0.00	18.78 -0.60 0.00	22.29 -0.57 0.00	28.27 -0.61 0.00	23.61 -0.46 0.00	23.45 -0.41 0.00	21.06 -0.30 0.00	20.28 -0.25 0.00	21.10 -0.30 0.00	21.12 -0.28 0.00	24.50 -0.35 0.00	28.21 -0.37 0.00	33.58 -0.44 0.00	30.65 -0.40 0.00	25.10 -0.38 0.00	23.61 -0.36 0.00	21.18 -0.30 0.00	21.66 -0.33 0.00
MARBLE_RIVER_WT_PWR 323696	-7.00 -0.73 18.81	-7.00 -0.76 18.85	-7.00 -0.79 19.19	-7.00 -0.75 18.54	3.93 -0.80 8.20	13.90 -0.76 0.00	16.70 -0.53 0.00	18.83 -0.54 0.00	22.45 -0.41 0.00	28.67 -0.20 0.00	24.02 -0.05 0.00	24.00 0.14 0.00	21.59 0.24 0.00	20.87 0.35 0.00	21.68 0.28 0.00	21.72 0.32 0.00	25.20 0.35 0.00	29.12 0.54 0.00	34.67 0.64 0.00	31.74 0.68 0.00	25.88 0.41 0.00	24.31 0.34 0.00	21.82 0.34 0.00	22.23 0.24 0.00
MARSHVLE_115KV_TB1 80742	33.34 0.40 -20.40	29.33 0.42 -16.31	26.95 0.43 -13.54	27.10 0.41 -14.40	25.71 0.45 -12.33	30.87 0.51 -15.69	27.73 0.59 -9.91	37.75 0.78 -17.59	35.38 1.10 -11.42	30.96 1.36 -0.73	25.08 1.01 0.00	24.76 0.91 0.00	21.98 0.62 0.00	21.02 0.49 0.00	22.09 0.68 0.00	22.19 0.79 0.00	26.00 1.12 -0.03	29.98 1.40 0.00	35.62 1.60 0.00	32.51 1.46 0.00	26.73 1.25 0.00	25.07 1.10 0.00	22.71 0.88 -0.35	22.91 0.73 -0.19
MARSH_HILL_WT_PWR 323713	16.43 -0.18 -4.06	15.78 -0.08 -3.25	15.65 -0.03 -2.70	15.17 0.01 -2.87	15.46 0.08 -2.45	17.85 0.06 -3.12	19.10 -0.12 -1.98	23.21 0.31 -3.52	25.52 0.36 -2.29	29.34 0.32 -0.15	24.82 0.75 0.00	24.40 0.55 0.00	21.81 0.45 0.00	20.87 0.35 0.00	21.83 0.43 0.00	21.79 0.39 0.00	25.31 0.45 -0.01	29.32 0.74 0.00	34.60 0.58 0.00	31.89 0.84 0.00	25.99 0.51 0.00	24.35 0.38 0.00	21.70 0.15 -0.07	22.40 0.37 -0.04
MCINTYRE_115KV_TB2 80467	7.42 -0.06 5.06	6.82 -0.11 5.67	7.12 -0.13 5.73	7.11 -0.12 5.06	6.04 -0.14 6.75	14.79 -0.15 -0.27	17.37 -0.03 -0.17	19.44 -0.23 -0.30	22.88 -0.18 -0.19	28.71 -0.17 -0.01	24.05 -0.02 0.00	23.81 -0.05 0.00	21.42 0.06 0.00	20.67 0.14 0.00	21.38 -0.02 0.00	21.49 0.09 0.00	24.88 0.02 0.00	28.61 0.03 0.00	34.09 0.07 0.00	31.21 0.16 0.00	25.43 -0.05 0.00	24.04 0.07 0.00	21.63 0.15 -0.01	21.99 0.00 0.00
MECO___69_KV_BK1 80468	32.73 0.82 -19.38	28.93 0.83 -15.49	26.73 0.88 -12.86	26.81 0.85 -13.67	25.57 0.93 -11.71	30.61 1.04 -14.90	27.82 1.17 -9.41	37.54 1.45 -16.71	35.66 1.94 -10.85	31.99 2.43 -0.69	25.88 1.81 0.00	25.55 1.69 0.00	22.62 1.26 0.00	21.65 1.13 0.00	22.79 1.39 0.00	23.05 1.65 0.00	27.02 2.14 -0.03	31.15 2.57 0.00	36.85 2.82 0.00	33.60 2.55 0.00	27.69 2.22 0.00	25.96 1.99 0.00	23.44 1.63 -0.33	23.58 1.41 -0.18
MENANDS__115KV_TB5 355628	29.15 0.48 -16.14	26.01 0.50 -12.90	24.21 0.52 -10.71	24.17 0.49 -11.39	23.21 0.53 -9.75	27.65 0.57 -12.41	25.73 0.65 -7.84	34.11 0.81 -13.92	32.81 0.91 -9.03	30.57 1.13 -0.57	24.96 0.89 0.00	24.76 0.91 0.00	22.06 0.70 0.00	21.14 0.62 0.00	22.22 0.81 0.00	22.17 0.77 0.00	25.90 1.02 -0.03	29.73 1.14 0.00	35.32 1.29 0.00	32.20 1.15 0.00	26.47 0.99 0.00	24.93 0.96 0.00	22.59 0.84 -0.28	22.93 0.79 -0.15
MG INDUSTRY___DRP 24185	28.81 0.50 -15.77	25.73 0.52 -12.60	23.99 0.55 -10.47	23.94 0.52 -11.13	23.01 0.56 -9.53	27.40 0.60 -12.13	25.57 0.67 -7.66	33.81 0.83 -13.60	32.63 0.94 -8.83	30.59 1.15 -0.56	25.01 0.94 0.00	24.81 0.95 0.00	22.08 0.73 0.00	21.16 0.64 0.00	22.22 0.81 0.00	22.19 0.79 0.00	25.90 1.02 -0.02	29.75 1.17 0.00	35.32 1.29 0.00	32.23 1.18 0.00	26.50 1.02 0.00	24.95 0.98 0.00	22.61 0.86 -0.27	22.95 0.81 -0.15
MID___OSWEGATCHIE_HYD 23849	10.04 -0.18 2.32	9.57 -0.21 2.83	9.83 -0.22 2.93	9.59 -0.22 2.48	8.79 -0.23 3.91	14.98 -0.26 -0.57	17.37 -0.22 -0.36	19.63 -0.39 -0.64	22.92 -0.37 -0.42	28.47 -0.43 -0.03	23.81 -0.26 0.00	23.54 -0.31 0.00	21.10 -0.26 0.00	20.30 -0.23 0.00	21.10 -0.30 0.00	21.19 -0.21 0.00	24.58 -0.27 0.00	28.24 -0.34 0.00	33.68 -0.34 0.00	30.77 -0.28 0.00	25.12 -0.36 0.00	23.75 -0.22 0.00	21.38 -0.11 -0.01	21.76 -0.24 -0.01
MID___RAQUETTE_HYD 23851	8.00 -0.26 4.27	7.43 -0.29 4.89	7.72 -0.31 4.95	7.70 -0.30 4.30	6.27 -0.32 6.34	14.64 -0.34 -0.31	17.14 -0.29 -0.20	19.16 -0.56 -0.35	22.50 -0.59 -0.23	28.22 -0.66 -0.01	23.71 -0.36 0.00	23.57 -0.29 0.00	21.21 -0.15 0.00	20.46 -0.06 0.00	21.19 -0.21 0.00	21.27 -0.13 0.00	24.58 -0.27 0.00	28.10 -0.49 0.00	33.44 -0.58 0.00	30.62 -0.43 0.00	24.97 -0.51 0.00	23.71 -0.26 0.00	21.42 -0.06 -0.01	21.80 -0.20 0.00
MILLIKEN___1 23584	16.71 0.29 -3.88	16.01 0.30 -3.10	15.87 0.31 -2.58	15.33 0.30 -2.74	15.59 0.31 -2.35	18.01 0.35 -2.99	19.47 0.34 -1.89	23.28 0.54 -3.36	25.68 0.64 -2.18	29.73 0.72 -0.14	24.77 0.70 0.00	24.43 0.57 0.00	21.81 0.45 0.00	20.91 0.39 0.00	21.90 0.49 0.00	21.85 0.45 0.00	25.45 0.60 -0.01	29.33 0.74 0.00	34.94 0.92 0.00	31.80 0.75 0.00	26.14 0.66 0.00	24.52 0.55 0.00	21.95 0.41 -0.07	22.47 0.44 -0.04
MILLIKEN___2 23585	16.71 0.29 -3.88	16.01 0.30 -3.10	15.87 0.31 -2.58	15.33 0.30 -2.74	15.59 0.31 -2.35	18.01 0.35 -2.99	19.47 0.34 -1.89	23.28 0.54 -3.36	25.68 0.64 -2.18	29.73 0.72 -0.14	24.77 0.70 0.00	24.43 0.57 0.00	21.81 0.45 0.00	20.91 0.39 0.00	21.90 0.49 0.00	21.85 0.45 0.00	25.45 0.60 -0.01	29.33 0.74 0.00	34.94 0.92 0.00	31.80 0.75 0.00	26.14 0.66 0.00	24.52 0.55 0.00	21.95 0.41 -0.07	22.47 0.44 -0.04

MILLIKEN___DIESEL 23629	16.71 0.29 -3.88	16.01 0.30 -3.10	15.87 0.31 -2.58	15.33 0.30 -2.74	15.59 0.31 -2.35	18.01 0.35 -2.99	19.47 0.34 -1.89	23.28 0.54 -3.36	25.68 0.64 -2.18	29.73 0.72 -0.14	24.77 0.70 0.00	24.43 0.57 0.00	21.81 0.45 0.00	20.91 0.39 0.00	21.90 0.49 0.00	21.85 0.45 0.00	25.45 0.60 -0.01	29.33 0.74 0.00	34.94 0.92 0.00	31.80 0.75 0.00	26.14 0.66 0.00	24.52 0.55 0.00	21.95 0.41 -0.07	22.47 0.44 -0.04
MILLSEAT___LFGE 323607	15.61 -0.16 -3.24	15.14 -0.05 -2.59	15.10 -0.03 -2.15	14.59 0.01 -2.28	14.92 0.04 -1.96	17.02 -0.13 -2.49	18.25 -0.57 -1.59	21.93 -0.27 -2.83	24.36 -0.34 -1.83	28.41 -0.58 -0.12	24.00 -0.07 0.00	23.54 -0.31 0.00	21.10 -0.26 0.00	20.22 -0.31 0.00	21.10 -0.30 0.00	21.02 -0.38 0.00	24.36 -0.50 -0.01	28.27 -0.31 0.00	33.21 -0.82 0.00	30.84 -0.22 0.00	24.99 -0.48 0.00	23.40 -0.58 0.00	20.87 -0.67 -0.06	21.65 -0.37 -0.03
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.22 0.83 -12.86	23.68 0.79 -10.28	22.33 0.82 -8.53	22.13 0.76 -9.07	21.50 0.80 -7.77	25.51 0.95 -9.89	24.55 1.07 -6.25	31.78 1.32 -11.09	31.71 1.65 -7.20	31.44 2.11 -0.46	25.66 1.59 0.00	25.55 1.69 0.00	22.66 1.30 0.00	21.71 1.19 0.00	22.86 1.46 0.00	22.75 1.35 0.00	26.56 1.69 -0.02	30.41 1.83 0.00	36.34 2.31 0.00	33.20 2.14 0.00	27.21 1.73 0.00	25.65 1.68 0.00	23.07 1.37 -0.22	23.52 1.41 -0.12
MILLWOOD_13_KV_LOAD 356217	26.26 0.87 -12.86	23.71 0.83 -10.28	22.37 0.86 -8.53	22.16 0.80 -9.07	21.53 0.83 -7.77	25.54 0.98 -9.89	24.58 1.10 -6.25	31.84 1.38 -11.09	31.78 1.71 -7.20	31.52 2.19 -0.46	25.71 1.64 0.00	25.60 1.74 0.00	22.70 1.35 0.00	21.75 1.23 0.00	22.88 1.48 0.00	22.79 1.39 0.00	26.61 1.74 -0.02	30.50 1.92 0.00	36.40 2.38 0.00	33.29 2.24 0.00	27.29 1.81 0.00	25.72 1.75 0.00	23.12 1.42 -0.22	23.56 1.45 -0.12
MODEL_CITY_ENERGY 24167	15.39 -0.46 -3.32	14.93 -0.33 -2.65	14.88 -0.30 -2.20	14.39 -0.25 -2.34	14.71 -0.22 -2.00	16.73 -0.48 -2.55	17.88 -0.98 -1.63	21.50 -0.78 -2.90	23.79 -0.96 -1.88	27.58 -1.41 -0.12	23.30 -0.77 0.00	22.90 -0.95 0.00	20.57 -0.79 0.00	19.66 -0.86 0.00	20.55 -0.86 0.00	20.46 -0.94 0.00	23.64 -1.22 -0.01	27.44 -1.14 0.00	32.12 -1.90 0.00	29.91 -1.15 0.00	24.25 -1.22 0.00	22.72 -1.25 0.00	20.27 -1.27 -0.06	21.16 -0.86 -0.03
MODERN_LFGE___ 323580	15.39 -0.46 -3.32	14.93 -0.33 -2.65	14.88 -0.30 -2.20	14.39 -0.25 -2.34	14.71 -0.22 -2.00	16.73 -0.48 -2.55	17.88 -0.98 -1.63	21.50 -0.78 -2.90	23.79 -0.96 -1.88	27.58 -1.41 -0.12	23.30 -0.77 0.00	22.90 -0.95 0.00	20.57 -0.79 0.00	19.66 -0.86 0.00	20.55 -0.86 0.00	20.46 -0.94 0.00	23.64 -1.22 -0.01	27.44 -1.14 0.00	32.12 -1.90 0.00	29.91 -1.15 0.00	24.25 -1.22 0.00	22.72 -1.25 0.00	20.27 -1.27 -0.06	21.16 -0.86 -0.03
MOHAWK_PAPER___DRP 24187	29.22 0.51 -16.17	26.07 0.54 -12.92	24.27 0.56 -10.73	24.23 0.53 -11.41	23.27 0.57 -9.77	27.72 0.62 -12.43	25.79 0.71 -7.86	34.19 0.87 -13.94	32.92 1.01 -9.05	30.69 1.24 -0.58	25.06 0.99 0.00	24.86 1.00 0.00	22.15 0.79 0.00	21.22 0.70 0.00	22.28 0.88 0.00	22.26 0.86 0.00	26.00 1.12 -0.03	29.84 1.26 0.00	35.45 1.43 0.00	32.36 1.30 0.00	26.60 1.12 0.00	25.03 1.05 0.00	22.70 0.95 -0.28	23.02 0.88 -0.15
MOHICAN___35_KV_115KV_LD 80490	29.98 0.87 -16.58	26.74 0.88 -13.25	24.89 0.91 -11.00	24.85 0.86 -11.70	23.89 0.94 -10.02	28.44 1.03 -12.75	26.44 1.15 -8.05	35.05 1.38 -14.29	33.90 1.76 -9.28	31.74 2.28 -0.59	25.90 1.83 0.00	25.74 1.88 0.00	22.83 1.47 0.00	21.65 1.13 0.00	22.73 1.33 0.00	22.71 1.31 0.00	26.44 1.57 -0.03	30.44 1.86 0.00	36.03 2.01 0.00	32.89 1.83 0.00	27.08 1.61 0.00	25.48 1.51 0.00	23.20 1.44 -0.28	23.66 1.52 -0.15
MONGAUP___HYD 23641	24.96 0.74 -11.68	22.64 0.69 -9.34	21.45 0.71 -7.76	21.20 0.66 -8.25	20.69 0.70 -7.06	24.44 0.79 -8.98	23.78 0.88 -5.67	30.55 1.10 -10.07	30.77 1.37 -6.53	30.96 1.67 -0.42	25.30 1.23 0.00	25.09 1.24 0.00	22.28 0.92 0.00	21.36 0.84 0.00	22.47 1.07 0.00	22.45 1.05 0.00	26.21 1.34 -0.02	30.12 1.54 0.00	35.96 1.94 0.00	32.82 1.77 0.00	27.01 1.53 0.00	25.38 1.41 0.00	22.82 1.14 -0.20	23.26 1.16 -0.11
MONTAUK___DIESEL 23721	27.39 1.72 -13.13	24.65 1.70 -10.34	23.26 1.69 -8.59	23.01 1.59 -9.13	22.38 1.63 -7.82	26.49 1.88 -9.95	34.32 2.07 -15.02	39.31 2.54 -17.40	35.77 3.41 -9.50	33.50 4.04 -0.58	29.32 3.23 -2.03	27.09 3.22 -0.01	23.99 2.63 0.00	22.99 2.46 0.00	24.51 2.83 -0.28	25.05 2.76 -0.88	28.33 3.45 -0.02	34.61 4.03 -2.00	38.89 4.87 0.00	36.84 4.41 -1.37	35.23 3.59 -6.16	32.41 3.36 -5.09	28.62 2.84 -4.30	24.95 2.84 -0.12
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.59 -0.51 -3.57	15.13 -0.33 -2.85	15.10 -0.25 -2.37	14.66 -0.15 -2.52	15.05 -0.04 -2.16	17.24 -0.18 -2.74	18.47 -0.52 -1.75	22.37 -0.12 -3.11	24.98 0.09 -2.02	29.06 0.06 -0.13	24.89 0.82 0.00	24.50 0.64 0.00	21.96 0.60 0.00	20.97 0.45 0.00	21.94 0.54 0.00	21.81 0.41 0.00	25.21 0.35 -0.01	29.21 0.63 0.00	34.43 0.41 0.00	31.43 0.37 0.00	25.86 0.38 0.00	24.23 0.26 0.00	21.52 -0.02 -0.06	22.29 0.26 -0.03
MORTIMER_115KV_TB3 55949	15.52 -0.01 -3.00	15.05 0.05 -2.39	15.03 0.06 -1.99	14.48 0.07 -2.11	14.83 0.09 -1.81	16.99 0.01 -2.30	18.45 -0.26 -1.48	21.92 -0.08 -2.62	24.47 -0.09 -1.70	28.81 -0.17 -0.11	24.05 -0.02 0.00	23.66 -0.19 0.00	21.21 -0.15 0.00	20.34 -0.18 0.00	21.25 -0.15 0.00	21.17 -0.24 0.00	24.48 -0.37 0.00	28.33 -0.26 0.00	33.48 -0.54 0.00	30.53 -0.53 0.00	25.17 -0.31 0.00	23.59 -0.38 0.00	21.10 -0.43 -0.05	21.76 -0.26 -0.03
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.40 0.92 -12.95	23.82 0.87 -10.35	22.48 0.91 -8.59	22.28 0.85 -9.14	21.64 0.89 -7.82	25.68 1.06 -9.95	24.69 1.17 -6.29	31.97 1.43 -11.16	31.92 1.81 -7.25	31.64 2.31 -0.46	25.80 1.73 0.00	25.74 1.88 0.00	22.79 1.43 0.00	21.84 1.31 0.00	23.01 1.61 0.00	22.88 1.48 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.51 2.48 0.00	33.38 2.33 0.00	27.36 1.89 0.00	25.77 1.80 0.00	23.22 1.52 -0.22	23.70 1.58 -0.12
MUNSVILLE_WIND_PWR 323609	18.42 0.75 -5.13	17.44 0.73 -4.10	17.19 0.81 -3.41	16.70 0.79 -3.62	16.87 0.84 -3.10	19.54 0.92 -3.95	20.85 1.12 -2.50	25.20 1.40 -4.43	27.73 1.99 -2.88	31.54 2.48 -0.18	26.31 2.24 0.00	25.76 1.91 0.00	22.94 1.58 0.00	21.94 1.41 0.00	23.01 1.61 0.00	23.01 1.61 0.00	26.87 2.01 -0.01	31.18 2.60 0.00	37.22 3.20 0.00	33.97 2.92 0.00	27.67 2.19 0.00	25.89 1.92 0.00	23.16 1.59 -0.09	23.49 1.45 -0.05
N SALMON___HYD 24042	12.07 -0.51 -0.04	11.22 -0.54 0.84	11.69 -0.58 0.71	11.83 -0.54 -0.08	4.67 -0.58 7.68	14.13 -0.54 0.00	16.92 -0.31 0.00	19.03 -0.35 0.00	22.61 -0.25 0.00	28.82 -0.06 0.00	24.17 0.10 0.00	24.09 0.24 0.00	21.68 0.32 0.00	20.95 0.43 0.00	21.77 0.36 0.00	21.81 0.41 0.00	25.27 0.42 0.00	29.18 0.60 0.00	34.77 0.75 0.00	31.86 0.81 0.00	25.94 0.46 0.00	24.40 0.43 0.00	21.93 0.45 0.00	22.30 0.31 0.00

N.AKRON__115KV_KNAPP 355671	15.62 -0.16 -3.25	15.15 -0.05 -2.60	15.11 -0.03 -2.16	14.60 0.01 -2.29	14.93 0.04 -1.96	17.03 -0.13 -2.50	18.26 -0.57 -1.60	21.87 -0.35 -2.84	24.36 -0.34 -1.84	28.44 -0.55 -0.12	24.00 -0.07 0.00	23.54 -0.31 0.00	21.12 -0.23 0.00	20.21 -0.31 0.00	21.12 -0.28 0.00	21.02 -0.39 0.00	24.29 -0.57 -0.01	28.18 -0.40 0.00	33.14 -0.88 0.00	30.28 -0.78 0.00	24.99 -0.48 0.00	23.40 -0.58 0.00	20.87 -0.67 -0.06	21.65 -0.37 -0.03
N.BELMOR_69_KV_BK1 55787	26.81 1.14 -13.13	24.06 1.11 -10.34	22.67 1.10 -8.59	22.46 1.03 -9.13	21.82 1.07 -7.82	25.86 1.25 -9.95	33.72 1.46 -15.02	38.56 1.78 -17.40	34.61 2.24 -9.50	32.32 2.86 -0.58	28.31 2.21 -2.03	26.18 2.31 -0.01	23.20 1.84 0.00	22.21 1.68 0.00	23.70 2.01 -0.28	24.17 1.88 -0.88	27.18 2.31 -0.02	33.15 2.57 -2.00	37.22 3.20 0.00	35.41 2.98 -1.37	34.06 2.42 -6.16	31.36 2.30 -5.09	27.72 1.93 -4.30	24.07 1.96 -0.12
N.E_GEN_SANDY PD 24062	27.76 0.56 -14.65	24.90 0.58 -11.71	23.31 0.60 -9.73	23.20 0.57 -10.34	22.38 0.60 -8.85	25.40 0.66 -10.07	26.26 0.78 -8.25	34.99 0.97 -14.64	32.86 1.21 -8.78	28.11 1.50 2.26	25.25 1.18 0.00	25.07 1.22 0.00	22.28 0.92 0.00	21.40 0.88 0.00	22.43 1.03 0.00	22.45 1.05 0.00	26.19 1.32 -0.02	30.04 1.46 0.00	35.76 1.73 0.00	32.51 1.46 0.00	26.80 1.32 0.00	25.22 1.25 0.00	22.82 1.09 -0.25	23.18 1.06 -0.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.80 0.83 -12.43	23.33 0.79 -9.93	22.04 0.80 -8.25	21.83 0.76 -8.77	21.23 0.79 -7.51	25.16 0.94 -9.56	24.32 1.05 -6.04	31.39 1.30 -10.72	31.45 1.62 -6.96	31.39 2.08 -0.44	25.61 1.54 0.00	25.50 1.65 0.00	22.62 1.26 0.00	21.67 1.15 0.00	22.82 1.41 0.00	22.71 1.31 0.00	26.49 1.62 -0.02	30.35 1.77 0.00	36.27 2.25 0.00	33.13 2.08 0.00	27.18 1.71 0.00	25.60 1.63 0.00	23.04 1.35 -0.21	23.49 1.39 -0.12
N.QUEENS_27_KV_LOAD 356247	26.50 1.02 -12.94	24.01 1.06 -10.35	22.66 1.09 -8.59	22.46 1.03 -9.14	21.82 1.07 -7.82	25.91 1.29 -9.95	24.68 1.15 -6.29	31.80 1.26 -11.16	31.76 1.65 -7.25	31.53 2.19 -0.46	25.66 1.59 0.00	25.67 1.81 0.00	22.66 1.30 0.00	21.71 1.19 0.00	22.90 1.50 0.00	22.77 1.37 0.00	26.54 1.67 -0.02	30.27 1.69 0.00	36.17 2.14 0.00	33.07 2.02 0.00	27.11 1.63 0.00	25.58 1.61 0.00	23.07 1.37 -0.22	23.83 1.72 -0.12
N.TROY___115KV_TB1 355778	29.32 0.53 -16.26	26.16 0.55 -12.99	24.34 0.57 -10.79	24.31 0.54 -11.47	23.34 0.58 -9.82	27.80 0.63 -12.50	25.82 0.69 -7.90	34.25 0.85 -14.02	33.02 1.05 -9.10	30.78 1.33 -0.58	25.13 1.06 0.00	24.93 1.07 0.00	22.19 0.83 0.00	21.26 0.74 0.00	22.32 0.92 0.00	22.28 0.88 0.00	26.02 1.14 -0.03	29.90 1.31 0.00	35.49 1.46 0.00	32.39 1.34 0.00	26.60 1.12 0.00	25.05 1.08 0.00	22.72 0.97 -0.28	23.07 0.92 -0.15
NARROWS_GT1_1 24228	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT1_2 24229	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT1_3 24230	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT1_4 24231	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT1_5 24232	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT1_6 24233	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT1_7 24234	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT1_8 24235	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT2_1 24236	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13

NARROWS_GT2_2 24237	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT2_3 24238	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT2_4 24239	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT2_5 24240	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT2_6 24241	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT2_7 24242	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NARROWS_GT2_8 24243	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.29 0.59 -15.16	25.31 0.59 -12.11	23.65 0.61 -10.06	23.57 0.58 -10.70	22.72 0.63 -9.16	26.97 0.65 -11.65	25.32 0.72 -7.36	33.34 0.89 -13.07	32.36 1.01 -8.48	30.57 1.15 -0.54	25.18 1.11 0.00	24.90 1.05 0.00	22.17 0.81 0.00	21.20 0.68 0.00	22.30 0.90 0.00	22.32 0.92 0.00	26.12 1.24 -0.02	30.13 1.54 0.00	35.76 1.74 0.00	32.64 1.58 0.00	26.85 1.38 0.00	25.24 1.27 0.00	22.81 1.07 -0.26	23.17 1.03 -0.14
NCHELSEA_115KV_TR2 355582	26.36 0.85 -12.97	23.78 0.81 -10.37	22.42 0.83 -8.61	22.22 0.77 -9.15	21.58 0.81 -7.84	25.58 0.94 -9.97	24.58 1.05 -6.30	31.86 1.30 -11.19	31.77 1.65 -7.26	31.38 2.05 -0.46	25.64 1.56 0.00	25.48 1.62 0.00	22.62 1.26 0.00	21.65 1.13 0.00	22.82 1.41 0.00	22.73 1.33 0.00	26.54 1.67 -0.02	30.44 1.86 0.00	36.34 2.31 0.00	33.23 2.17 0.00	27.26 1.78 0.00	25.65 1.68 0.00	23.07 1.37 -0.22	23.52 1.41 -0.12
NEG CAPITAL___MECHNVIL 23645	29.71 0.70 -16.47	26.49 0.72 -13.16	24.65 0.74 -10.93	24.61 0.70 -11.62	23.64 0.76 -9.95	28.15 0.82 -12.66	26.17 0.91 -8.03	34.75 1.12 -14.25	33.53 1.42 -9.25	31.28 1.82 -0.59	25.54 1.47 0.00	25.33 1.48 0.00	22.49 1.13 0.00	21.49 0.96 0.00	22.52 1.11 0.00	22.58 1.18 0.00	26.32 1.44 -0.03	30.27 1.69 0.00	35.89 1.87 0.00	32.67 1.61 0.00	26.95 1.48 0.00	25.36 1.39 0.00	23.01 1.25 -0.28	23.35 1.21 -0.15
NEG CENTRAL_HIGH_ACRES 23767	15.23 -0.25 -2.94	14.75 -0.20 -2.35	14.72 -0.21 -1.95	14.20 -0.17 -2.08	14.51 -0.19 -1.78	16.65 -0.28 -2.26	18.15 -0.52 -1.43	21.51 -0.41 -2.54	24.01 -0.50 -1.65	28.28 -0.69 -0.10	23.61 -0.46 0.00	23.26 -0.60 0.00	20.80 -0.56 0.00	19.97 -0.55 0.00	20.85 -0.56 0.00	20.80 -0.60 0.00	24.16 -0.70 0.00	27.87 -0.71 0.00	33.00 -1.02 0.00	30.31 -0.75 0.00	24.74 -0.74 0.00	23.18 -0.79 0.00	20.73 -0.79 -0.05	21.29 -0.73 -0.03
NEG CENTRAL___DRP 24199	15.66 0.08 -3.04	15.14 0.10 -2.43	15.10 0.10 -2.02	14.55 0.11 -2.15	14.88 0.12 -1.84	17.12 0.12 -2.34	18.75 0.03 -1.48	22.22 0.21 -2.63	24.82 0.25 -1.71	29.21 0.23 -0.11	24.38 0.31 0.00	24.05 0.19 0.00	21.49 0.13 0.00	20.60 0.08 0.00	21.55 0.15 0.00	21.51 0.11 0.00	25.01 0.15 0.00	28.84 0.26 0.00	34.19 0.17 0.00	31.18 0.12 0.00	25.68 0.20 0.00	24.09 0.12 0.00	21.55 0.02 -0.05	22.09 0.07 -0.03
NEG CENTRAL___INDECK 23768	16.39 0.24 -3.61	15.80 0.30 -2.89	15.70 0.32 -2.40	15.17 0.33 -2.55	15.48 0.36 -2.18	17.83 0.38 -2.78	19.19 0.19 -1.77	23.14 0.62 -3.14	25.57 0.66 -2.04	29.61 0.61 -0.13	24.82 0.75 0.00	24.31 0.45 0.00	21.76 0.40 0.00	20.85 0.33 0.00	21.81 0.41 0.00	21.79 0.39 0.00	25.38 0.52 -0.01	29.52 0.94 0.00	35.04 1.02 0.00	32.30 1.24 0.00	26.29 0.82 0.00	24.57 0.60 0.00	21.91 0.36 -0.06	22.51 0.48 -0.03
NEG CENTRAL___SENECA 23627	15.91 0.13 -3.24	15.35 0.15 -2.59	15.30 0.17 -2.15	14.74 0.16 -2.29	15.07 0.18 -1.96	17.34 0.18 -2.49	18.90 0.09 -1.58	22.51 0.33 -2.81	25.08 0.39 -1.82	29.36 0.38 -0.12	24.58 0.51 0.00	24.21 0.36 0.00	21.64 0.28 0.00	20.73 0.21 0.00	21.70 0.30 0.00	21.64 0.24 0.00	25.16 0.30 -0.01	29.04 0.46 0.00	34.36 0.34 0.00	31.33 0.28 0.00	25.86 0.38 0.00	24.21 0.24 0.00	21.64 0.11 -0.06	22.20 0.18 -0.03
NEG CENTRAL___STATE_STREET 24147	15.65 0.13 -2.98	15.13 0.14 -2.38	15.10 0.14 -1.98	14.53 0.14 -2.10	14.87 0.14 -1.80	17.12 0.16 -2.29	18.80 0.12 -1.45	22.20 0.25 -2.57	24.81 0.27 -1.67	29.27 0.29 -0.11	24.41 0.34 0.00	24.09 0.24 0.00	21.53 0.17 0.00	20.65 0.12 0.00	21.57 0.17 0.00	21.55 0.15 0.00	25.08 0.22 0.00	28.90 0.31 0.00	34.40 0.37 0.00	31.30 0.25 0.00	25.73 0.25 0.00	24.14 0.17 0.00	21.62 0.09 -0.05	22.15 0.13 -0.03

NEG MILLWOOD___DRP 24198	26.58 0.93 -13.11	23.97 0.88 -10.48	22.59 0.91 -8.70	22.39 0.85 -9.25	21.72 0.87 -7.92	25.77 1.03 -10.08	24.74 1.14 -6.37	32.14 1.45 -11.31	32.01 1.81 -7.34	31.65 2.31 -0.47	25.78 1.71 0.00	25.64 1.79 0.00	22.75 1.39 0.00	21.77 1.25 0.00	22.92 1.52 0.00	22.86 1.46 0.00	26.74 1.86 -0.02	30.64 2.06 0.00	36.61 2.59 0.00	33.51 2.45 0.00	27.41 1.94 0.00	25.84 1.87 0.00	23.18 1.48 -0.22	23.63 1.52 -0.12
NEG NORTH_FLCN_SEA 23793	-6.96 -0.60 18.90	-6.96 -0.64 18.93	-6.96 -0.67 19.27	-6.96 -0.63 18.62	4.09 -0.66 8.18	14.05 -0.62 0.00	16.90 -0.33 0.00	19.09 -0.29 0.00	22.73 -0.14 0.00	28.99 0.12 0.00	24.34 0.26 0.00	24.28 0.43 0.00	21.81 0.45 0.00	21.12 0.60 0.00	21.90 0.49 0.00	22.00 0.60 0.00	25.50 0.65 0.00	29.53 0.94 0.00	35.11 1.09 0.00	32.20 1.15 0.00	26.22 0.74 0.00	24.62 0.65 0.00	22.10 0.62 0.00	22.52 0.53 0.00
NEG NORTH_KES_CHATEGAY 23792	-7.64 -0.70 19.48	-7.58 -0.72 19.47	-7.61 -0.77 19.82	-7.63 -0.73 19.20	4.13 -0.75 8.05	13.95 -0.72 0.00	16.75 -0.48 0.00	18.89 -0.48 0.00	22.48 -0.39 0.00	28.70 -0.17 0.00	24.07 0.00 0.00	24.02 0.17 0.00	21.57 0.21 0.00	20.87 0.35 0.00	21.66 0.26 0.00	21.77 0.36 0.00	25.22 0.37 0.00	29.15 0.57 0.00	34.67 0.65 0.00	31.80 0.75 0.00	25.91 0.43 0.00	24.33 0.36 0.00	21.84 0.37 0.00	22.25 0.26 0.00
NEG NORTH___ALICE_FALLS 23915	-6.97 -0.53 18.99	-6.97 -0.57 19.01	-6.97 -0.60 19.36	-6.99 -0.57 18.72	4.10 -0.67 8.16	14.05 -0.62 0.00	16.92 -0.31 0.00	19.11 -0.27 0.00	22.73 -0.14 0.00	28.99 0.12 0.00	24.36 0.29 0.00	24.28 0.43 0.00	21.81 0.45 0.00	21.12 0.60 0.00	21.90 0.49 0.00	22.00 0.60 0.00	25.52 0.67 0.00	29.55 0.97 0.00	35.15 1.12 0.00	32.27 1.21 0.00	26.24 0.76 0.00	24.64 0.67 0.00	22.10 0.62 0.00	22.50 0.51 0.00
NEG NORTH___LWR_SARANAC 23913	-6.97 -0.53 18.99	-6.97 -0.57 19.01	-6.97 -0.60 19.36	-6.99 -0.57 18.72	4.10 -0.67 8.16	14.05 -0.62 0.00	16.92 -0.31 0.00	19.11 -0.27 0.00	22.73 -0.14 0.00	28.99 0.12 0.00	24.36 0.29 0.00	24.28 0.43 0.00	21.81 0.45 0.00	21.12 0.60 0.00	21.90 0.49 0.00	22.00 0.60 0.00	25.52 0.67 0.00	29.55 0.97 0.00	35.15 1.12 0.00	32.27 1.21 0.00	26.24 0.76 0.00	24.64 0.67 0.00	22.10 0.62 0.00	22.50 0.51 0.00
NEG NORTH___PLATTSBURG 23628	-6.97 -0.53 18.99	-6.97 -0.57 19.01	-6.97 -0.60 19.36	-6.99 -0.57 18.72	4.10 -0.67 8.16	14.05 -0.62 0.00	16.92 -0.31 0.00	19.11 -0.27 0.00	22.73 -0.14 0.00	28.99 0.12 0.00	24.31 0.24 0.00	24.28 0.43 0.00	21.83 0.47 0.00	21.12 0.60 0.00	21.94 0.54 0.00	21.98 0.58 0.00	25.52 0.67 0.00	29.55 0.97 0.00	35.21 1.19 0.00	32.26 1.21 0.00	26.24 0.76 0.00	24.64 0.67 0.00	22.10 0.62 0.00	22.50 0.51 0.00
NEG WEST_LEA_LOCKPORT 23791	15.49 -0.35 -3.30	15.03 -0.21 -2.64	14.99 -0.18 -2.19	14.49 -0.14 -2.33	14.82 -0.10 -1.99	16.87 -0.34 -2.54	18.03 -0.83 -1.62	21.60 -0.66 -2.88	24.03 -0.71 -1.87	27.89 -1.10 -0.12	23.59 -0.48 0.00	23.16 -0.69 0.00	20.80 -0.56 0.00	19.91 -0.62 0.00	20.80 -0.60 0.00	20.70 -0.71 0.00	23.86 -0.99 -0.01	27.70 -0.89 0.00	32.49 -1.53 0.00	29.69 -1.37 0.00	24.53 -0.94 0.00	22.99 -0.98 0.00	20.53 -1.01 -0.06	21.34 -0.68 -0.03
NEG WEST___LANCASTR 23811	15.48 -0.61 -3.56	14.96 -0.49 -2.84	14.85 -0.49 -2.36	14.37 -0.43 -2.51	14.69 -0.39 -2.15	16.80 -0.60 -2.74	17.94 -1.03 -1.75	21.69 -0.79 -3.10	24.01 -0.87 -2.01	27.76 -1.24 -0.13	24.24 0.17 0.00	23.83 -0.02 0.00	21.38 0.02 0.00	20.42 -0.10 0.00	21.36 -0.04 0.00	21.21 -0.19 0.00	24.48 -0.37 -0.01	28.41 -0.17 0.00	33.51 -0.51 0.00	30.62 -0.43 0.00	25.22 -0.25 0.00	23.66 -0.31 0.00	20.94 -0.60 -0.06	21.91 -0.11 -0.03
NEG_PENN_ALLEGHNY 23528	18.11 0.18 -5.40	17.12 0.20 -4.31	16.77 0.21 -3.58	16.30 0.20 -3.81	16.41 0.22 -3.26	19.04 0.22 -4.15	20.01 0.15 -2.63	24.43 0.39 -4.66	26.32 0.43 -3.03	29.56 0.49 -0.19	24.65 0.58 0.00	24.36 0.50 0.00	21.72 0.36 0.00	20.83 0.31 0.00	21.81 0.41 0.00	21.77 0.36 0.00	25.31 0.45 -0.01	29.15 0.57 0.00	34.67 0.64 0.00	31.71 0.65 0.00	25.96 0.48 0.00	24.40 0.43 0.00	21.87 0.30 -0.09	22.42 0.37 -0.05
NEG___GEN_MONROE 24207	15.55 0.00 -3.01	15.10 0.09 -2.41	15.09 0.12 -2.00	14.55 0.14 -2.12	14.89 0.14 -1.82	17.04 0.06 -2.31	18.44 -0.28 -1.48	21.91 -0.10 -2.63	24.48 -0.09 -1.71	28.78 -0.20 -0.11	24.05 -0.02 0.00	23.62 -0.24 0.00	21.19 -0.17 0.00	20.34 -0.18 0.00	21.25 -0.15 0.00	21.15 -0.26 0.00	24.46 -0.40 0.00	28.30 -0.29 0.00	33.44 -0.58 0.00	30.53 -0.53 0.00	25.17 -0.31 0.00	23.54 -0.43 0.00	21.08 -0.45 -0.05	21.78 -0.24 -0.03
NEPA___ENERGY 23901	15.94 -0.20 -3.60	15.41 -0.08 -2.88	15.32 -0.05 -2.39	14.81 -0.02 -2.54	15.17 0.06 -2.18	17.35 -0.09 -2.77	18.57 -0.43 -1.77	22.42 -0.10 -3.14	24.84 -0.07 -2.04	28.74 -0.26 -0.13	24.50 0.43 0.00	24.09 0.24 0.00	21.59 0.23 0.00	20.65 0.12 0.00	21.60 0.19 0.00	21.47 0.06 0.00	24.76 -0.10 -0.01	28.70 0.11 0.00	33.85 -0.17 0.00	30.93 -0.12 0.00	25.50 0.03 0.00	23.90 -0.07 0.00	21.26 -0.28 -0.06	22.05 0.02 -0.03
NEVERSINK___HYD 23608	24.68 0.74 -11.40	22.39 0.67 -9.11	21.24 0.69 -7.57	20.98 0.64 -8.05	20.49 0.67 -6.89	24.21 0.78 -8.77	23.63 0.86 -5.53	30.29 1.08 -9.82	30.64 1.39 -6.38	31.01 1.73 -0.41	25.35 1.27 0.00	25.14 1.29 0.00	22.30 0.94 0.00	21.36 0.84 0.00	22.49 1.09 0.00	22.45 1.05 0.00	26.21 1.34 -0.02	30.12 1.54 0.00	35.99 1.97 0.00	32.85 1.80 0.00	27.01 1.53 0.00	25.43 1.46 0.00	22.81 1.14 -0.19	23.26 1.16 -0.11
NEWKRMKL_115KV_TB1 55635	29.16 0.48 -16.14	26.00 0.49 -12.90	24.21 0.52 -10.72	24.18 0.49 -11.39	23.20 0.52 -9.75	27.65 0.57 -12.41	25.73 0.65 -7.84	34.09 0.79 -13.92	32.75 0.85 -9.04	30.52 1.07 -0.57	24.89 0.82 0.00	24.71 0.86 0.00	22.00 0.64 0.00	21.08 0.55 0.00	22.15 0.75 0.00	22.11 0.71 0.00	25.82 0.94 -0.03	29.64 1.06 0.00	35.21 1.19 0.00	32.14 1.09 0.00	26.42 0.94 0.00	24.86 0.89 0.00	22.53 0.77 -0.28	22.85 0.70 -0.15
NEWTON___FALLS_HYD 23847	10.04 -0.18 2.32	9.57 -0.21 2.83	9.83 -0.22 2.93	9.59 -0.22 2.48	8.79 -0.23 3.91	14.98 -0.26 -0.57	17.37 -0.22 -0.36	19.63 -0.39 -0.64	22.92 -0.37 -0.42	28.47 -0.43 -0.03	23.81 -0.26 0.00	23.54 -0.31 0.00	21.10 -0.26 0.00	20.30 -0.23 0.00	21.10 -0.30 0.00	21.19 -0.21 0.00	24.58 -0.27 0.00	28.24 -0.34 0.00	33.68 -0.34 0.00	30.77 -0.28 0.00	25.12 -0.36 0.00	23.75 -0.22 0.00	21.38 -0.11 -0.01	21.76 -0.24 -0.01
NGRID_A1_DSASP 323792	15.43 -0.44 -3.33	14.96 -0.30 -2.66	14.94 -0.25 -2.21	14.46 -0.18 -2.35	14.79 -0.15 -2.01	16.76 -0.47 -2.56	17.77 -1.07 -1.61	21.39 -0.89 -2.91	23.63 -1.12 -1.89	27.38 -1.62 -0.12	23.08 -0.99 0.00	22.69 -1.17 0.00	20.38 -0.98 0.00	19.50 -1.03 0.00	20.38 -1.03 0.00	20.27 -1.14 0.00	23.42 -1.44 -0.01	27.18 -1.40 0.00	31.78 -2.25 0.00	29.59 -1.46 0.00	24.00 -1.48 0.00	22.51 -1.46 0.00	20.07 -1.46 -0.06	20.99 -1.03 -0.03

NGRID_A2_DSASP 323793	15.43 -0.44 -3.33	14.96 -0.30 -2.66	14.94 -0.25 -2.21	14.46 -0.18 -2.35	14.79 -0.15 -2.01	16.76 -0.47 -2.56	17.77 -1.07 -1.61	21.39 -0.89 -2.91	23.63 -1.12 -1.89	27.38 -1.62 -0.12	23.08 -0.99 0.00	22.69 -1.17 0.00	20.38 -0.98 0.00	19.50 -1.03 0.00	20.38 -1.03 0.00	20.27 -1.14 0.00	23.42 -1.44 -0.01	27.18 -1.40 0.00	31.78 -2.25 0.00	29.59 -1.46 0.00	24.00 -1.48 0.00	22.51 -1.46 0.00	20.07 -1.46 -0.06	20.99 -1.03 -0.03
NGRID_A4_DSASP 323807	15.43 -0.44 -3.33	14.96 -0.30 -2.66	14.94 -0.25 -2.21	14.46 -0.18 -2.35	14.79 -0.15 -2.01	16.76 -0.47 -2.56	17.77 -1.07 -1.61	21.39 -0.89 -2.91	23.63 -1.12 -1.89	27.38 -1.62 -0.12	23.08 -0.99 0.00	22.69 -1.17 0.00	20.38 -0.98 0.00	19.50 -1.03 0.00	20.38 -1.03 0.00	20.27 -1.14 0.00	23.42 -1.44 -0.01	27.18 -1.40 0.00	31.78 -2.25 0.00	29.59 -1.46 0.00	24.00 -1.48 0.00	22.51 -1.46 0.00	20.07 -1.46 -0.06	20.99 -1.03 -0.03
NIAGARA_115E_LBMP 323715	15.36 -0.51 -3.33	14.88 -0.39 -2.66	14.84 -0.35 -2.21	14.34 -0.31 -2.35	14.66 -0.28 -2.01	16.67 -0.56 -2.56	17.80 -1.07 -1.64	21.40 -0.89 -2.91	23.66 -1.10 -1.89	27.41 -1.59 -0.12	23.16 -0.91 0.00	22.76 -1.10 0.00	20.44 -0.92 0.00	19.56 -0.96 0.00	20.42 -0.98 0.00	20.33 -1.07 0.00	23.49 -1.37 -0.01	27.27 -1.31 0.00	31.91 -2.11 0.00	29.69 -1.37 0.00	24.10 -1.38 0.00	22.58 -1.39 0.00	20.14 -1.40 -0.06	21.03 -0.99 -0.03
NIAGARA_115W_LBMP 323714	15.40 -0.46 -3.33	14.94 -0.33 -2.66	14.92 -0.27 -2.21	14.43 -0.21 -2.35	14.76 -0.18 -2.01	16.73 -0.50 -2.56	17.74 -1.10 -1.61	21.33 -0.95 -2.91	23.59 -1.17 -1.89	27.29 -1.70 -0.12	23.01 -1.06 0.00	22.61 -1.24 0.00	20.31 -1.05 0.00	19.43 -1.09 0.00	20.31 -1.09 0.00	20.23 -1.18 0.00	23.34 -1.52 -0.01	27.09 -1.49 0.00	31.68 -2.35 0.00	29.50 -1.55 0.00	23.95 -1.53 0.00	22.44 -1.53 0.00	20.03 -1.50 -0.06	20.92 -1.10 -0.03
NIAGARA_230_LBMP 323716	15.47 -0.38 -3.30	15.01 -0.24 -2.64	14.97 -0.21 -2.19	14.46 -0.16 -2.33	14.80 -0.13 -2.00	16.83 -0.38 -2.54	18.00 -0.86 -1.63	21.61 -0.66 -2.89	23.87 -0.87 -1.88	27.69 -1.30 -0.12	23.35 -0.72 0.00	22.97 -0.88 0.00	20.61 -0.75 0.00	19.74 -0.78 0.00	20.61 -0.79 0.00	20.52 -0.88 0.00	23.71 -1.14 -0.01	27.53 -1.06 0.00	32.18 -1.84 0.00	29.97 -1.09 0.00	24.31 -1.17 0.00	22.80 -1.17 0.00	20.33 -1.20 -0.06	21.23 -0.79 -0.03
NIAGARA__115KV_198_GIBSON 55903	15.40 -0.46 -3.33	14.94 -0.33 -2.66	14.93 -0.26 -2.21	14.43 -0.21 -2.35	14.76 -0.18 -2.01	16.73 -0.50 -2.56	17.74 -1.10 -1.61	21.30 -0.99 -2.91	23.59 -1.17 -1.89	27.32 -1.67 -0.12	23.01 -1.06 0.00	22.61 -1.24 0.00	20.33 -1.03 0.00	19.43 -1.09 0.00	20.31 -1.09 0.00	20.20 -1.20 0.00	23.29 -1.57 -0.01	27.01 -1.57 0.00	31.64 -2.38 0.00	28.94 -2.11 0.00	23.95 -1.53 0.00	22.44 -1.53 0.00	20.05 -1.48 -0.06	20.88 -1.14 -0.03
NIAGARA____ 23760	15.49 -0.38 -3.33	15.03 -0.24 -2.66	14.98 -0.21 -2.21	14.48 -0.16 -2.35	14.81 -0.13 -2.01	16.85 -0.38 -2.56	18.00 -0.86 -1.62	21.62 -0.66 -2.90	23.88 -0.87 -1.88	27.69 -1.30 -0.12	23.35 -0.72 0.00	22.97 -0.88 0.00	20.61 -0.75 0.00	19.74 -0.78 0.00	20.61 -0.79 0.00	20.52 -0.88 0.00	23.71 -1.14 -0.01	27.53 -1.06 0.00	32.18 -1.84 0.00	29.97 -1.09 0.00	24.31 -1.17 0.00	22.80 -1.17 0.00	20.33 -1.20 -0.06	21.23 -0.79 -0.03
NINE_MILE_1 23575	14.31 -0.25 -2.02	13.98 -0.24 -1.61	14.07 -0.25 -1.34	13.48 -0.23 -1.42	13.90 -0.25 -1.22	15.93 -0.29 -1.55	17.81 -0.40 -0.98	20.71 -0.41 -1.74	23.44 -0.55 -1.13	28.22 -0.72 -0.07	23.49 -0.58 0.00	23.23 -0.62 0.00	20.78 -0.58 0.00	19.97 -0.55 0.00	20.85 -0.56 0.00	20.83 -0.58 0.00	24.21 -0.65 0.00	27.84 -0.74 0.00	33.11 -0.92 0.00	30.25 -0.81 0.00	24.79 -0.69 0.00	23.32 -0.65 0.00	20.95 -0.56 -0.03	21.50 -0.50 -0.02
NINE_MILE_2 23744	14.30 -0.25 -2.01	13.97 -0.24 -1.61	14.07 -0.25 -1.33	13.48 -0.23 -1.42	13.90 -0.25 -1.21	15.92 -0.29 -1.54	17.81 -0.40 -0.97	20.70 -0.41 -1.73	23.44 -0.55 -1.12	28.22 -0.72 -0.07	23.49 -0.58 0.00	23.23 -0.62 0.00	20.78 -0.58 0.00	19.97 -0.55 0.00	20.85 -0.56 0.00	20.85 -0.56 0.00	24.21 -0.65 0.00	27.84 -0.74 0.00	33.11 -0.92 0.00	30.25 -0.81 0.00	24.81 -0.66 0.00	23.32 -0.65 0.00	20.95 -0.56 -0.03	21.50 -0.50 -0.02
NM_CAPITAL____DRP 24208	29.10 0.46 -16.09	25.96 0.49 -12.86	24.17 0.51 -10.68	24.13 0.48 -11.36	23.17 0.52 -9.72	27.60 0.56 -12.37	25.69 0.64 -7.82	34.05 0.79 -13.88	32.74 0.87 -9.01	30.51 1.07 -0.57	24.91 0.84 0.00	24.71 0.86 0.00	22.02 0.66 0.00	21.12 0.60 0.00	22.17 0.77 0.00	22.13 0.73 0.00	25.85 0.97 -0.03	29.67 1.09 0.00	35.25 1.22 0.00	32.17 1.12 0.00	26.42 0.94 0.00	24.88 0.91 0.00	22.55 0.79 -0.27	22.89 0.75 -0.15
NM_CENTRAL____DRP 24181	14.98 0.00 -2.44	14.57 0.01 -1.95	14.62 0.01 -1.62	14.03 0.01 -1.73	14.42 0.01 -1.48	16.53 -0.01 -1.88	18.35 -0.07 -1.19	21.49 0.00 -2.11	24.19 -0.05 -1.37	28.84 -0.12 -0.09	24.02 -0.05 0.00	23.76 -0.10 0.00	21.23 -0.13 0.00	20.38 -0.14 0.00	21.30 -0.11 0.00	21.27 -0.13 0.00	24.71 -0.15 0.00	28.41 -0.17 0.00	33.85 -0.17 0.00	30.81 -0.25 0.00	25.32 -0.15 0.00	23.80 -0.17 0.00	21.35 -0.17 -0.04	21.90 -0.11 -0.02
NM_FRONTIER____DRP 24179	15.40 -0.46 -3.33	14.94 -0.33 -2.66	14.93 -0.26 -2.21	14.43 -0.21 -2.35	14.76 -0.18 -2.01	16.73 -0.50 -2.56	17.74 -1.10 -1.61	21.30 -0.99 -2.91	23.59 -1.17 -1.89	27.32 -1.67 -0.12	23.01 -1.06 0.00	22.61 -1.24 0.00	20.33 -1.03 0.00	19.43 -1.09 0.00	20.31 -1.09 0.00	20.20 -1.20 0.00	23.29 -1.57 -0.01	27.01 -1.57 0.00	31.64 -2.38 0.00	28.94 -2.11 0.00	23.95 -1.53 0.00	22.44 -1.53 0.00	20.05 -1.48 -0.06	20.88 -1.14 -0.03
NM_ST_REGIS____HYD 24053	8.86 -0.34 3.34	8.21 -0.38 4.02	8.53 -0.40 4.04	8.55 -0.38 3.36	5.93 -0.41 6.58	14.54 -0.41 -0.29	17.08 -0.33 -0.18	19.17 -0.52 -0.32	22.55 -0.53 -0.21	28.37 -0.52 -0.01	23.83 -0.24 0.00	23.69 -0.17 0.00	21.29 -0.06 0.00	20.56 0.04 0.00	21.30 -0.11 0.00	21.40 0.00 0.00	24.73 -0.12 0.00	28.35 -0.23 0.00	33.75 -0.27 0.00	30.93 -0.12 0.00	25.20 -0.28 0.00	23.87 -0.10 0.00	21.53 0.04 -0.01	21.91 -0.09 0.00
NORTHPORT____1 23551	26.76 1.08 -13.14	24.00 1.05 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.77 1.02 -7.82	25.80 1.19 -9.95	33.60 1.34 -15.02	38.28 1.51 -17.39	34.51 2.15 -9.50	32.15 2.69 -0.59	28.20 2.09 -2.04	26.05 2.17 -0.02	23.03 1.67 -0.01	22.10 1.58 0.00	23.51 1.82 -0.29	24.09 1.80 -0.89	27.09 2.21 -0.03	33.02 2.43 -2.01	36.85 2.82 -0.01	34.95 2.51 -1.38	33.81 2.16 -6.17	31.22 2.16 -5.09	27.64 1.85 -4.31	23.94 1.82 -0.13
NORTHPORT____2 23552	26.76 1.08 -13.14	24.00 1.05 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.77 1.02 -7.82	25.80 1.19 -9.95	33.60 1.34 -15.02	38.28 1.51 -17.39	34.51 2.15 -9.50	32.15 2.69 -0.59	28.20 2.09 -2.04	26.05 2.17 -0.02	23.03 1.67 -0.01	22.10 1.58 0.00	23.51 1.82 -0.29	24.09 1.80 -0.89	27.09 2.21 -0.03	33.02 2.43 -2.01	36.85 2.82 -0.01	34.95 2.51 -1.38	33.81 2.16 -6.17	31.22 2.16 -5.09	27.64 1.85 -4.31	23.94 1.82 -0.13

NORTHPORT___3 23553	26.88 1.20 -13.14	24.13 1.17 -10.35	22.75 1.18 -8.59	22.53 1.11 -9.13	21.89 1.14 -7.82	25.95 1.33 -9.95	33.82 1.57 -15.02	38.69 1.92 -17.39	34.74 2.38 -9.50	32.47 3.00 -0.59	28.49 2.38 -2.04	26.34 2.46 -0.02	23.29 1.92 -0.01	22.33 1.81 0.00	23.77 2.08 -0.29	24.33 2.03 -0.89	27.32 2.44 -0.03	33.33 2.74 -2.01	37.43 3.40 -0.01	35.48 3.05 -1.38	34.19 2.55 -6.17	31.51 2.45 -5.09	27.85 2.06 -4.31	24.19 2.07 -0.13
NORTHPORT___4 23650	26.88 1.20 -13.14	24.13 1.17 -10.35	22.75 1.18 -8.59	22.53 1.11 -9.13	21.89 1.14 -7.82	25.95 1.33 -9.95	33.82 1.57 -15.02	38.69 1.92 -17.39	34.74 2.38 -9.50	32.47 3.00 -0.59	28.49 2.38 -2.04	26.34 2.46 -0.02	23.29 1.92 -0.01	22.33 1.81 0.00	23.77 2.08 -0.29	24.33 2.03 -0.89	27.32 2.44 -0.03	33.33 2.74 -2.01	37.43 3.40 -0.01	35.48 3.05 -1.38	34.19 2.55 -6.17	31.51 2.45 -5.09	27.85 2.06 -4.31	24.19 2.07 -0.13
NORTHPORT___IC 23718	26.76 1.08 -13.14	24.00 1.05 -10.35	22.61 1.04 -8.59	22.39 0.97 -9.13	21.77 1.02 -7.82	25.80 1.19 -9.95	33.60 1.34 -15.02	38.28 1.51 -17.39	34.51 2.15 -9.50	32.15 2.69 -0.59	28.20 2.09 -2.04	26.05 2.17 -0.02	23.03 1.67 -0.01	22.10 1.58 0.00	23.51 1.82 -0.29	24.09 1.80 -0.89	27.09 2.21 -0.03	33.02 2.43 -2.01	36.85 2.82 -0.01	34.95 2.51 -1.38	33.81 2.16 -6.17	31.22 2.16 -5.09	27.64 1.85 -4.31	23.94 1.82 -0.13
NORTH___COUNTRY_ESR 323785	-7.70 -0.75 19.49	-7.64 -0.77 19.48	-7.66 -0.80 19.84	-7.68 -0.76 19.21	4.09 -0.80 8.04	13.90 -0.76 0.00	16.68 -0.55 0.00	18.80 -0.58 0.00	22.38 -0.48 0.00	28.58 -0.29 0.00	23.97 -0.10 0.00	23.95 0.10 0.00	21.53 0.17 0.00	20.81 0.29 0.00	21.62 0.21 0.00	21.66 0.26 0.00	25.13 0.27 0.00	29.01 0.43 0.00	34.57 0.54 0.00	31.64 0.59 0.00	25.81 0.33 0.00	24.23 0.26 0.00	21.76 0.28 0.00	22.19 0.20 0.00
NPX_GEN_1385_PROXY 323591	26.69 1.02 -13.14	23.94 0.98 -10.35	22.54 0.97 -8.59	22.33 0.91 -9.13	21.77 1.02 -7.82	24.59 1.17 -8.75	34.59 1.14 -16.22	40.01 1.12 -19.51	34.99 1.97 -10.16	29.31 2.63 2.19	28.20 2.09 -2.04	26.05 2.17 -0.02	23.03 1.67 -0.01	22.10 1.58 0.00	23.51 1.82 -0.29	24.09 1.80 -0.89	27.09 2.21 -0.03	33.02 2.43 -2.01	36.85 2.82 -0.01	34.95 2.51 -1.38	33.79 2.14 -6.17	31.08 2.01 -5.09	27.60 1.80 -4.31	23.92 1.80 -0.13
NPX_GEN_CSC 323557	27.02 1.34 -13.14	24.27 1.31 -10.35	22.87 1.30 -8.59	22.64 1.22 -9.13	22.00 1.25 -7.82	24.87 1.45 -8.75	35.09 1.64 -16.22	40.87 1.98 -19.51	35.65 2.63 -10.16	29.72 3.03 2.19	28.47 2.36 -2.04	26.22 2.34 -0.02	23.22 1.86 -0.01	22.33 1.81 0.00	23.73 2.03 -0.29	24.35 2.05 -0.89	27.54 2.66 -0.03	33.56 2.97 -2.01	37.50 3.47 -0.01	35.48 3.05 -1.38	34.25 2.60 -6.17	31.63 2.57 -5.09	27.90 2.11 -4.31	24.21 2.09 -0.13
NSINS_S_GLNS_FALLS 23858	30.00 0.87 -16.59	26.75 0.88 -13.26	24.91 0.92 -11.01	24.87 0.87 -11.71	23.91 0.96 -10.02	28.47 1.04 -12.76	26.46 1.17 -8.06	35.06 1.38 -14.31	33.94 1.78 -9.29	31.77 2.31 -0.59	25.92 1.85 0.00	25.79 1.93 0.00	22.85 1.50 0.00	21.65 1.13 0.00	22.73 1.33 0.00	22.71 1.31 0.00	26.42 1.54 -0.03	30.44 1.86 0.00	36.03 2.01 0.00	32.86 1.80 0.00	27.08 1.61 0.00	25.46 1.49 0.00	23.20 1.44 -0.28	23.69 1.54 -0.15
NUCOR_STEEL___DRP 24197	15.60 0.15 -2.91	15.10 0.16 -2.33	15.08 0.17 -1.93	14.51 0.16 -2.05	14.86 0.17 -1.76	17.10 0.19 -2.24	18.79 0.14 -1.42	22.16 0.27 -2.51	24.77 0.27 -1.63	29.27 0.29 -0.10	24.41 0.34 0.00	24.09 0.24 0.00	21.53 0.17 0.00	20.65 0.12 0.00	21.60 0.19 0.00	21.55 0.15 0.00	25.06 0.20 0.00	28.84 0.26 0.00	34.33 0.31 0.00	31.27 0.22 0.00	25.71 0.23 0.00	24.14 0.17 0.00	21.64 0.11 -0.05	22.17 0.15 -0.03
NUMBER_THREE_WT_PWR 323818	12.49 0.05 0.10	12.18 0.01 0.44	12.42 0.01 0.57	11.92 0.00 0.37	11.87 0.00 1.06	15.43 -0.01 -0.77	17.76 0.03 -0.49	20.25 0.00 -0.87	23.54 0.11 -0.56	29.02 0.12 -0.04	24.19 0.12 0.00	23.83 -0.02 0.00	21.29 -0.06 0.00	20.44 -0.08 0.00	21.32 -0.09 0.00	21.38 -0.02 0.00	24.90 0.05 0.00	28.73 0.14 0.00	34.33 0.31 0.00	31.30 0.25 0.00	25.58 0.10 0.00	24.07 0.10 0.00	21.60 0.11 -0.02	21.98 -0.02 -0.01
NYISO_LBMP_REFERENCE 24008	12.54 0.00 0.00	12.61 0.00 0.00	12.98 0.00 0.00	12.29 0.00 0.00	12.93 0.00 0.00	14.67 0.00 0.00	17.23 0.00 0.00	19.38 0.00 0.00	22.87 0.00 0.00	28.87 0.00 0.00	24.07 0.00 0.00	23.85 0.00 0.00	21.36 0.00 0.00	20.52 0.00 0.00	21.40 0.00 0.00	21.40 0.00 0.00	24.85 0.00 0.00	28.58 0.00 0.00	34.02 0.00 0.00	31.05 0.00 0.00	25.48 0.00 0.00	23.97 0.00 0.00	21.48 0.00 0.00	21.99 0.00 0.00
NYPA_BRENTWD____GT 24164	26.93 1.25 -13.14	24.18 1.22 -10.35	22.79 1.22 -8.59	22.57 1.14 -9.13	21.94 1.19 -7.82	26.00 1.38 -9.95	33.82 1.57 -15.02	38.61 1.84 -17.39	34.84 2.47 -9.50	32.52 3.06 -0.59	28.54 2.43 -2.04	26.36 2.48 -0.02	23.31 1.94 -0.01	22.37 1.85 0.00	23.81 2.12 -0.29	24.39 2.10 -0.89	27.42 2.54 -0.03	33.45 2.86 -2.01	37.47 3.43 -0.01	35.54 3.11 -1.38	34.27 2.62 -6.17	31.60 2.54 -5.09	27.94 2.15 -4.31	24.25 2.13 -0.13
NYPA_GOWANUS____GT5 24156	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NYPA_GOWANUS____GT6 24157	26.56 1.07 -12.95	23.96 1.00 -10.35	22.62 1.04 -8.60	22.41 0.97 -9.14	21.77 1.01 -7.83	25.83 1.20 -9.96	24.75 1.24 -6.28	31.94 1.41 -11.15	31.91 1.81 -7.24	31.73 2.40 -0.46	25.83 1.76 0.00	25.81 1.96 0.00	22.79 1.43 0.00	21.88 1.35 0.00	23.03 1.63 0.00	22.96 1.56 0.00	26.76 1.89 -0.02	30.55 1.97 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.34 1.86 0.00	25.91 1.94 0.00	23.40 1.70 -0.22	24.01 1.89 -0.13
NYPA_HARLEM__RVR_GT1 24160	26.48 0.99 -12.95	23.98 1.02 -10.35	22.65 1.06 -8.60	22.43 1.00 -9.14	21.81 1.05 -7.83	25.88 1.25 -9.96	24.65 1.14 -6.28	31.78 1.26 -11.14	31.72 1.62 -7.23	31.49 2.17 -0.45	25.65 1.59 0.01	25.64 1.79 0.01	22.61 1.26 0.01	21.68 1.17 0.01	22.83 1.43 0.01	22.77 1.37 0.01	26.48 1.61 -0.01	30.23 1.66 0.01	36.12 2.11 0.01	32.94 1.89 0.01	27.08 1.61 0.01	25.59 1.63 0.01	23.07 1.38 -0.21	23.81 1.69 -0.12
NYPA_HARLEM__RVR_GT2 24161	26.48 0.99 -12.95	23.98 1.02 -10.35	22.65 1.06 -8.60	22.43 1.00 -9.14	21.81 1.05 -7.83	25.88 1.25 -9.96	24.65 1.14 -6.28	31.78 1.26 -11.14	31.72 1.62 -7.23	31.49 2.17 -0.45	25.65 1.59 0.01	25.64 1.79 0.01	22.61 1.26 0.01	21.68 1.17 0.01	22.83 1.43 0.01	22.77 1.37 0.01	26.48 1.61 -0.01	30.23 1.66 0.01	36.12 2.11 0.01	32.94 1.89 0.01	27.08 1.61 0.01	25.59 1.63 0.01	23.07 1.38 -0.21	23.81 1.69 -0.12

NYPA_KENT____GT 24152	26.52 1.03 -12.95	23.93 0.97 -10.35	22.59 1.01 -8.60	22.38 0.95 -9.14	21.74 0.98 -7.83	25.80 1.17 -9.96	24.72 1.21 -6.28	31.92 1.40 -11.15	31.89 1.78 -7.24	31.67 2.34 -0.46	25.80 1.73 0.00	25.79 1.93 0.00	22.77 1.41 0.00	21.86 1.33 0.00	23.01 1.61 0.00	22.94 1.54 0.00	26.71 1.84 -0.02	30.53 1.94 0.00	36.44 2.42 0.00	33.26 2.21 0.00	27.29 1.81 0.00	25.84 1.87 0.00	23.33 1.63 -0.22	23.92 1.80 -0.12
NYPA_POUCH1____GT 24155	26.57 1.08 -12.95	23.97 1.01 -10.35	22.63 1.05 -8.60	22.42 0.98 -9.14	21.78 1.02 -7.83	25.85 1.22 -9.96	24.77 1.26 -6.28	31.96 1.43 -11.15	31.93 1.83 -7.24	31.76 2.43 -0.46	25.85 1.78 0.00	25.83 1.98 0.00	22.81 1.45 0.00	21.90 1.38 0.00	23.05 1.65 0.00	23.01 1.61 0.00	26.79 1.91 -0.02	30.61 2.03 0.00	36.50 2.48 0.00	33.38 2.33 0.00	27.36 1.89 0.00	25.96 1.99 0.00	23.44 1.74 -0.22	24.03 1.91 -0.13
NYPA_VERNON____GT2 24162	26.47 0.98 -12.95	23.89 0.93 -10.35	22.57 0.99 -8.60	22.36 0.92 -9.14	21.72 0.96 -7.83	25.77 1.14 -9.96	24.70 1.19 -6.28	31.90 1.38 -11.15	31.86 1.76 -7.24	31.64 2.31 -0.46	25.78 1.71 0.00	25.74 1.88 0.00	22.75 1.39 0.00	21.84 1.31 0.00	22.96 1.56 0.00	22.92 1.52 0.00	26.66 1.79 -0.02	30.47 1.89 0.00	36.40 2.38 0.00	33.20 2.14 0.00	27.26 1.78 0.00	25.77 1.80 0.00	23.25 1.55 -0.22	23.83 1.72 -0.12
NYPA_VERNON____GT3 24163	26.47 0.98 -12.95	23.89 0.93 -10.35	22.57 0.99 -8.60	22.36 0.92 -9.14	21.72 0.96 -7.83	25.77 1.14 -9.96	24.70 1.19 -6.28	31.90 1.38 -11.15	31.86 1.76 -7.24	31.64 2.31 -0.46	25.78 1.71 0.00	25.74 1.88 0.00	22.75 1.39 0.00	21.84 1.31 0.00	22.96 1.56 0.00	22.92 1.52 0.00	26.66 1.79 -0.02	30.47 1.89 0.00	36.40 2.38 0.00	33.20 2.14 0.00	27.26 1.78 0.00	25.77 1.80 0.00	23.25 1.55 -0.22	23.83 1.72 -0.12
NYPA__ASTORIA_CC1 323568	26.47 0.98 -12.95	23.91 0.95 -10.35	22.57 0.99 -8.60	22.36 0.92 -9.14	21.72 0.96 -7.83	25.77 1.14 -9.96	24.69 1.17 -6.28	31.88 1.36 -11.15	31.84 1.74 -7.24	31.61 2.28 -0.46	25.76 1.68 0.00	25.72 1.86 0.00	22.73 1.37 0.00	21.82 1.29 0.00	22.94 1.54 0.00	22.90 1.50 0.00	26.64 1.76 -0.02	30.41 1.83 0.00	36.34 2.31 0.00	33.17 2.11 0.00	27.21 1.73 0.00	25.74 1.77 0.00	23.22 1.53 -0.22	23.81 1.69 -0.12
NYPA__ASTORIA_CC2 323569	26.47 0.98 -12.95	23.91 0.95 -10.35	22.57 0.99 -8.60	22.36 0.92 -9.14	21.72 0.96 -7.83	25.77 1.14 -9.96	24.69 1.17 -6.28	31.88 1.36 -11.15	31.84 1.74 -7.24	31.61 2.28 -0.46	25.76 1.68 0.00	25.72 1.86 0.00	22.73 1.37 0.00	21.82 1.29 0.00	22.94 1.54 0.00	22.90 1.50 0.00	26.64 1.76 -0.02	30.41 1.83 0.00	36.34 2.31 0.00	33.17 2.11 0.00	27.21 1.73 0.00	25.74 1.77 0.00	23.22 1.53 -0.22	23.81 1.69 -0.12
NYPA__HOLTSVILL 23794	26.92 1.24 -13.14	24.17 1.21 -10.35	22.78 1.21 -8.59	22.55 1.13 -9.13	21.91 1.16 -7.82	25.97 1.35 -9.95	33.79 1.53 -15.02	38.59 1.82 -17.39	34.81 2.45 -9.50	32.44 2.97 -0.59	28.44 2.33 -2.04	26.26 2.39 -0.02	23.22 1.86 -0.01	22.29 1.77 0.00	23.73 2.03 -0.29	24.33 2.03 -0.89	27.39 2.51 -0.03	33.39 2.80 -2.01	37.40 3.37 -0.01	35.42 2.98 -1.38	34.17 2.52 -6.17	31.53 2.47 -5.09	27.85 2.06 -4.31	24.19 2.07 -0.13
NYPA____HELLGATE_GT1 24158	26.48 0.99 -12.95	23.98 1.02 -10.35	22.65 1.06 -8.60	22.43 1.00 -9.14	21.81 1.05 -7.83	25.88 1.25 -9.96	24.65 1.14 -6.28	31.78 1.26 -11.14	31.72 1.62 -7.23	31.49 2.17 -0.45	25.65 1.59 0.01	25.64 1.79 0.01	22.61 1.26 0.01	21.68 1.17 0.01	22.83 1.43 0.01	22.77 1.37 0.01	26.48 1.61 -0.01	30.23 1.66 0.01	36.12 2.11 0.01	32.94 1.89 0.01	27.08 1.61 0.01	25.59 1.63 0.01	23.07 1.38 -0.21	23.81 1.69 -0.12
NYPA____HELLGATE_GT2 24159	26.48 0.99 -12.95	23.98 1.02 -10.35	22.65 1.06 -8.60	22.43 1.00 -9.14	21.81 1.05 -7.83	25.88 1.25 -9.96	24.65 1.14 -6.28	31.78 1.26 -11.14	31.72 1.62 -7.23	31.49 2.17 -0.45	25.65 1.59 0.01	25.64 1.79 0.01	22.61 1.26 0.01	21.68 1.17 0.01	22.83 1.43 0.01	22.77 1.37 0.01	26.48 1.61 -0.01	30.23 1.66 0.01	36.12 2.11 0.01	32.94 1.89 0.01	27.08 1.61 0.01	25.59 1.63 0.01	23.07 1.38 -0.21	23.81 1.69 -0.12
NYS_BARGE__HYD 23848	15.47 -0.35 -3.29	15.01 -0.23 -2.63	14.97 -0.19 -2.18	14.46 -0.15 -2.32	14.80 -0.12 -1.99	16.84 -0.35 -2.53	18.00 -0.84 -1.61	21.65 -0.60 -2.87	24.00 -0.73 -1.86	27.87 -1.13 -0.12	23.59 -0.48 0.00	23.19 -0.67 0.00	20.78 -0.58 0.00	19.89 -0.64 0.00	20.78 -0.62 0.00	20.70 -0.71 0.00	23.91 -0.94 -0.01	27.75 -0.83 0.00	32.53 -1.50 0.00	30.25 -0.81 0.00	24.53 -0.94 0.00	22.99 -0.98 0.00	20.50 -1.03 -0.06	21.36 -0.66 -0.03
OAK ORCHARD__HYD 24046	15.52 -0.01 -3.00	15.05 0.05 -2.39	15.03 0.07 -1.99	14.48 0.07 -2.11	14.83 0.09 -1.81	16.99 0.01 -2.30	18.45 -0.26 -1.47	21.96 -0.04 -2.62	24.47 -0.09 -1.70	28.78 -0.20 -0.11	24.05 -0.02 0.00	23.66 -0.19 0.00	21.21 -0.15 0.00	20.34 -0.19 0.00	21.23 -0.17 0.00	21.17 -0.23 0.00	24.56 -0.30 0.00	28.38 -0.20 0.00	33.48 -0.55 0.00	30.93 -0.12 0.00	25.17 -0.30 0.00	23.59 -0.38 0.00	21.08 -0.45 -0.05	21.73 -0.29 -0.03
OAKDALE__35_KV_LOAD 356122	18.05 0.15 -5.36	17.07 0.18 -4.29	16.72 0.18 -3.56	16.25 0.17 -3.78	16.36 0.19 -3.24	18.98 0.19 -4.12	19.96 0.12 -2.61	24.32 0.31 -4.63	26.24 0.37 -3.01	29.47 0.40 -0.19	24.58 0.51 0.00	24.28 0.43 0.00	21.68 0.32 0.00	20.77 0.25 0.00	21.77 0.36 0.00	21.68 0.28 0.00	25.21 0.35 -0.01	29.04 0.46 0.00	34.57 0.54 0.00	31.52 0.47 0.00	25.88 0.41 0.00	24.33 0.36 0.00	21.79 0.21 -0.09	22.35 0.31 -0.05
OCC_CHEM__DRP 24175	15.43 -0.44 -3.33	14.96 -0.30 -2.66	14.96 -0.23 -2.21	14.46 -0.18 -2.35	14.79 -0.16 -2.01	16.76 -0.47 -2.56	17.77 -1.07 -1.61	21.34 -0.95 -2.91	23.63 -1.12 -1.89	27.38 -1.62 -0.12	23.08 -0.99 0.00	22.69 -1.17 0.00	20.38 -0.98 0.00	19.50 -1.03 0.00	20.38 -1.03 0.00	20.27 -1.13 0.00	23.37 -1.49 -0.01	27.10 -1.49 0.00	31.74 -2.28 0.00	29.00 -2.05 0.00	24.00 -1.48 0.00	22.51 -1.46 0.00	20.12 -1.42 -0.06	20.92 -1.10 -0.03
OH_GEN_PROXY 24063	15.49 -0.35 -3.30	15.02 -0.23 -2.64	14.98 -0.19 -2.19	14.48 -0.15 -2.33	14.81 -0.12 -2.00	15.64 -0.37 -1.34	19.23 -0.83 -2.82	23.79 -0.60 -5.01	24.60 -0.80 -2.53	25.00 -1.21 2.66	23.42 -0.65 0.00	23.02 -0.84 0.00	20.67 -0.68 0.00	19.78 -0.74 0.00	20.68 -0.73 0.00	20.59 -0.81 0.00	23.79 -1.07 -0.01	27.58 -1.00 0.00	32.29 -1.73 0.00	30.03 -1.02 0.00	24.38 -1.09 0.00	22.87 -1.10 0.00	20.40 -1.14 -0.06	21.27 -0.75 -0.03
OLIN_CORP_DRP 24177	15.39 -0.49 -3.34	14.93 -0.35 -2.67	14.88 -0.32 -2.22	14.38 -0.27 -2.36	14.70 -0.25 -2.02	16.73 -0.51 -2.57	17.86 -1.02 -1.64	21.37 -0.93 -2.92	23.73 -1.03 -1.90	27.49 -1.50 -0.12	23.20 -0.87 0.00	22.81 -1.05 0.00	20.48 -0.88 0.00	19.60 -0.92 0.00	20.48 -0.92 0.00	20.38 -1.03 0.00	23.49 -1.37 -0.01	27.27 -1.31 0.00	31.95 -2.08 0.00	29.19 -1.86 0.00	24.15 -1.32 0.00	22.63 -1.34 0.00	20.23 -1.31 -0.06	21.03 -0.99 -0.03

OLIN_CORP_DSASP 323712	15.43 -0.44 -3.33	14.96 -0.30 -2.66	14.94 -0.25 -2.21	14.46 -0.18 -2.35	14.79 -0.15 -2.01	16.76 -0.47 -2.56	17.77 -1.07 -1.61	21.39 -0.89 -2.91	23.63 -1.12 -1.89	27.38 -1.62 -0.12	23.08 -0.99 0.00	22.69 -1.17 0.00	20.38 -0.98 0.00	19.50 -1.03 0.00	20.38 -1.03 0.00	20.27 -1.14 0.00	23.42 -1.44 -0.01	27.18 -1.40 0.00	31.78 -2.25 0.00	29.59 -1.46 0.00	24.00 -1.48 0.00	22.51 -1.46 0.00	20.07 -1.46 -0.06	20.99 -1.03 -0.03
ONEIDA_HERK_LFGE 323681	13.39 0.20 -0.65	13.20 0.16 -0.43	13.47 0.17 -0.32	12.85 0.16 -0.40	13.15 0.17 -0.05	15.51 0.18 -0.67	17.90 0.24 -0.42	20.38 0.25 -0.75	23.79 0.43 -0.49	29.42 0.52 -0.03	24.53 0.46 0.00	24.19 0.33 0.00	21.59 0.24 0.00	20.73 0.21 0.00	21.64 0.24 0.00	21.68 0.28 0.00	25.23 0.37 0.00	29.07 0.49 0.00	34.67 0.64 0.00	31.64 0.59 0.00	25.88 0.41 0.00	24.33 0.36 0.00	21.82 0.32 -0.01	22.24 0.24 -0.01
ONEIDA___115KV_TB4 55905	14.39 0.34 -1.51	14.13 0.32 -1.21	14.31 0.32 -1.00	13.66 0.31 -1.06	14.16 0.32 -0.91	16.18 0.35 -1.16	18.38 0.41 -0.73	21.18 0.50 -1.30	24.40 0.69 -0.84	29.74 0.81 -0.05	24.79 0.72 0.00	24.43 0.57 0.00	21.81 0.45 0.00	20.93 0.41 0.00	21.87 0.47 0.00	21.87 0.47 0.00	25.45 0.60 0.00	29.33 0.74 0.00	34.94 0.92 0.00	31.86 0.81 0.00	26.09 0.61 0.00	24.52 0.55 0.00	21.96 0.45 -0.03	22.45 0.44 -0.01
ONONDAGA_REF_OCCRA 23987	15.31 0.04 -2.73	14.84 0.05 -2.18	14.84 0.05 -1.81	14.27 0.05 -1.93	14.63 0.05 -1.65	16.80 0.03 -2.10	18.54 -0.02 -1.33	21.81 0.08 -2.36	24.44 0.05 -1.53	28.97 0.00 -0.10	24.14 0.07 0.00	23.85 0.00 0.00	21.34 -0.02 0.00	20.46 -0.06 0.00	21.40 0.00 0.00	21.36 -0.04 0.00	24.83 -0.02 0.00	28.58 0.00 0.00	34.02 0.00 0.00	30.99 -0.06 0.00	25.48 0.00 0.00	23.92 -0.05 0.00	21.46 -0.06 -0.05	21.99 -0.02 -0.03
ONONDAGA___COGEN 23986	15.24 0.05 -2.65	14.79 0.06 -2.12	14.80 0.06 -1.76	14.22 0.06 -1.87	14.59 0.06 -1.60	16.76 0.06 -2.04	18.54 0.02 -1.29	21.76 0.10 -2.29	24.42 0.07 -1.48	29.00 0.03 -0.09	24.17 0.10 0.00	23.88 0.02 0.00	21.36 0.00 0.00	20.48 -0.04 0.00	21.42 0.02 0.00	21.38 -0.02 0.00	24.86 0.00 0.00	28.58 0.00 0.00	34.02 0.00 0.00	30.99 -0.06 0.00	25.48 0.00 0.00	23.95 -0.02 0.00	21.48 -0.04 -0.05	22.02 0.00 -0.02
ONTARIO___LFGE 23819	15.91 0.13 -3.24	15.35 0.15 -2.59	15.30 0.17 -2.15	14.74 0.16 -2.29	15.07 0.18 -1.96	17.34 0.18 -2.49	18.90 0.09 -1.58	22.53 0.35 -2.81	25.07 0.39 -1.82	29.36 0.37 -0.12	24.58 0.51 0.00	24.21 0.36 0.00	21.62 0.26 0.00	20.73 0.21 0.00	21.68 0.28 0.00	21.66 0.26 0.00	25.20 0.35 -0.01	29.10 0.52 0.00	34.36 0.34 0.00	31.55 0.50 0.00	25.86 0.38 0.00	24.21 0.24 0.00	21.64 0.11 -0.06	22.20 0.18 -0.03
ORANGEVILLE_WT_PWR 323706	15.94 -0.33 -3.72	15.37 -0.21 -2.98	15.27 -0.18 -2.47	14.79 -0.13 -2.63	15.08 -0.10 -2.25	17.31 -0.22 -2.86	18.49 -0.57 -1.83	22.39 -0.23 -3.24	24.70 -0.27 -2.10	28.52 -0.49 -0.13	24.17 0.10 0.00	23.78 -0.07 0.00	21.27 -0.09 0.00	20.36 -0.16 0.00	21.28 -0.13 0.00	21.21 -0.19 0.00	24.58 -0.27 -0.01	28.50 -0.09 0.00	33.51 -0.51 0.00	31.02 -0.03 0.00	25.22 -0.25 0.00	23.66 -0.31 0.00	21.09 -0.45 -0.06	21.90 -0.13 -0.04
ORANGEVILLE___ESR 323794	15.94 -0.33 -3.72	15.37 -0.21 -2.98	15.27 -0.18 -2.47	14.79 -0.13 -2.63	15.08 -0.10 -2.25	17.31 -0.22 -2.86	18.49 -0.57 -1.83	22.39 -0.23 -3.24	24.70 -0.27 -2.10	28.52 -0.49 -0.13	24.17 0.10 0.00	23.78 -0.07 0.00	21.27 -0.09 0.00	20.36 -0.16 0.00	21.28 -0.13 0.00	21.21 -0.19 0.00	24.58 -0.27 -0.01	28.50 -0.09 0.00	33.51 -0.51 0.00	31.02 -0.03 0.00	25.22 -0.25 0.00	23.66 -0.31 0.00	21.09 -0.45 -0.06	21.90 -0.13 -0.04
OSWEGATCHIE___HYD 24044	10.04 -0.18 2.32	9.57 -0.21 2.83	9.83 -0.22 2.93	9.59 -0.22 2.48	8.79 -0.23 3.91	14.98 -0.26 -0.57	17.37 -0.22 -0.36	19.61 -0.41 -0.64	22.92 -0.37 -0.42	28.47 -0.43 -0.03	23.78 -0.29 0.00	23.54 -0.31 0.00	21.12 -0.23 0.00	20.30 -0.23 0.00	21.12 -0.28 0.00	21.19 -0.21 0.00	24.58 -0.27 0.00	28.24 -0.34 0.00	33.72 -0.31 0.00	30.77 -0.28 0.00	25.12 -0.36 0.00	23.75 -0.22 0.00	21.38 -0.11 -0.01	21.76 -0.24 -0.01
OSWEGO___5 23606	14.51 -0.18 -2.15	14.16 -0.16 -1.72	14.24 -0.17 -1.43	13.66 -0.15 -1.52	14.07 -0.15 -1.30	16.11 -0.21 -1.65	17.98 -0.29 -1.04	20.96 -0.27 -1.85	23.70 -0.37 -1.20	28.43 -0.52 -0.08	23.68 -0.39 0.00	23.43 -0.43 0.00	20.95 -0.41 0.00	20.11 -0.41 0.00	21.00 -0.41 0.00	21.00 -0.41 0.00	24.38 -0.47 0.00	28.07 -0.51 0.00	33.37 -0.65 0.00	30.50 -0.56 0.00	24.99 -0.48 0.00	23.51 -0.46 0.00	21.11 -0.41 -0.04	21.66 -0.35 -0.02
OSWEGO___6 23613	14.51 -0.18 -2.15	14.16 -0.16 -1.72	14.24 -0.17 -1.43	13.66 -0.15 -1.52	14.07 -0.15 -1.30	16.11 -0.21 -1.65	17.98 -0.29 -1.04	20.96 -0.27 -1.85	23.70 -0.37 -1.20	28.43 -0.52 -0.08	23.68 -0.39 0.00	23.43 -0.43 0.00	20.95 -0.41 0.00	20.11 -0.41 0.00	21.00 -0.41 0.00	21.00 -0.41 0.00	24.38 -0.47 0.00	28.07 -0.51 0.00	33.37 -0.65 0.00	30.50 -0.56 0.00	24.99 -0.48 0.00	23.51 -0.46 0.00	21.11 -0.41 -0.04	21.66 -0.35 -0.02
OUTOKUMPU-AB___DRP 24206	15.61 -0.29 -3.36	15.14 -0.15 -2.68	15.11 -0.10 -2.23	14.61 -0.05 -2.37	14.95 -0.01 -2.03	16.99 -0.26 -2.58	18.10 -0.78 -1.64	21.73 -0.58 -2.93	24.18 -0.59 -1.90	28.07 -0.92 -0.12	23.78 -0.29 0.00	23.38 -0.48 0.00	21.00 -0.36 0.00	20.05 -0.47 0.00	20.97 -0.43 0.00	20.85 -0.56 0.00	24.06 -0.80 -0.01	27.90 -0.69 0.00	32.76 -1.26 0.00	29.94 -1.12 0.00	24.71 -0.76 0.00	23.18 -0.79 0.00	20.68 -0.86 -0.06	21.47 -0.55 -0.03
OXBOW___ 24026	15.55 -0.34 -3.34	15.08 -0.20 -2.67	15.04 -0.16 -2.22	14.55 -0.10 -2.36	14.89 -0.06 -2.02	16.90 -0.34 -2.57	17.96 -0.90 -1.63	21.64 -0.66 -2.92	23.96 -0.80 -1.90	27.78 -1.21 -0.12	23.49 -0.58 0.00	23.09 -0.76 0.00	20.72 -0.64 0.00	19.82 -0.70 0.00	20.72 -0.69 0.00	20.61 -0.79 0.00	23.84 -1.02 -0.01	27.64 -0.94 0.00	32.39 -1.63 0.00	30.12 -0.93 0.00	24.43 -1.05 0.00	22.89 -1.08 0.00	20.42 -1.12 -0.06	21.32 -0.70 -0.03
OXY_CHEM_DSASP 323612	15.43 -0.44 -3.33	14.96 -0.30 -2.66	14.96 -0.23 -2.21	14.46 -0.18 -2.35	14.79 -0.16 -2.01	16.76 -0.47 -2.56	17.77 -1.07 -1.61	21.34 -0.95 -2.91	23.63 -1.12 -1.89	27.38 -1.62 -0.12	23.08 -0.99 0.00	22.69 -1.17 0.00	20.38 -0.98 0.00	19.50 -1.03 0.00	20.38 -1.03 0.00	20.27 -1.13 0.00	23.37 -1.49 -0.01	27.10 -1.49 0.00	31.74 -2.28 0.00	29.00 -2.05 0.00	24.00 -1.48 0.00	22.51 -1.46 0.00	20.12 -1.42 -0.06	20.92 -1.10 -0.03
OZONE_PARK_ESR 323760	26.52 1.04 -12.94	23.91 0.96 -10.35	22.58 1.01 -8.59	22.37 0.95 -9.13	21.73 0.98 -7.82	25.79 1.17 -9.95	24.83 1.31 -6.29	32.13 1.59 -11.16	32.12 2.01 -7.25	31.90 2.57 -0.46	26.00 1.93 0.00	25.95 2.10 0.00	22.98 1.62 0.00	22.02 1.50 0.00	23.20 1.80 0.00	23.07 1.67 0.00	26.93 2.06 -0.02	30.81 2.23 0.00	36.85 2.82 0.00	33.66 2.61 0.00	27.57 2.09 0.00	25.98 2.01 0.00	23.44 1.74 -0.22	23.92 1.80 -0.12

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.43 -0.44 -3.33	14.96 -0.30 -2.66	14.96 -0.23 -2.21	14.46 -0.18 -2.35	14.79 -0.16 -2.01	16.76 -0.47 -2.56	17.77 -1.07 -1.61	21.34 -0.95 -2.91	23.63 -1.12 -1.89	27.38 -1.62 -0.12	23.08 -0.99 0.00	22.69 -1.17 0.00	20.38 -0.98 0.00	19.50 -1.03 0.00	20.38 -1.03 0.00	20.27 -1.13 0.00	23.37 -1.49 -0.01	27.10 -1.49 0.00	31.74 -2.28 0.00	29.00 -2.05 0.00	24.00 -1.48 0.00	22.51 -1.46 0.00	20.12 -1.42 -0.06	20.92 -1.10 -0.03
PACKARD__115KV_DUPONT_184 80571	15.43 -0.44 -3.33	14.96 -0.30 -2.66	14.96 -0.23 -2.21	14.46 -0.18 -2.35	14.79 -0.16 -2.01	16.76 -0.47 -2.56	17.77 -1.07 -1.61	21.34 -0.95 -2.91	23.63 -1.12 -1.89	27.38 -1.62 -0.12	23.08 -0.99 0.00	22.69 -1.17 0.00	20.38 -0.98 0.00	19.50 -1.03 0.00	20.38 -1.03 0.00	20.27 -1.13 0.00	23.37 -1.49 -0.01	27.10 -1.49 0.00	31.74 -2.28 0.00	29.00 -2.05 0.00	24.00 -1.48 0.00	22.51 -1.46 0.00	20.12 -1.42 -0.06	20.92 -1.10 -0.03
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.48 0.99 -12.94	23.94 0.98 -10.35	22.60 1.03 -8.59	22.39 0.96 -9.14	21.76 1.01 -7.82	25.82 1.20 -9.95	24.64 1.12 -6.29	31.78 1.24 -11.16	31.71 1.60 -7.25	31.47 2.14 -0.46	25.59 1.52 0.00	25.60 1.74 0.00	22.66 1.30 0.00	21.69 1.17 0.00	22.90 1.50 0.00	22.77 1.37 0.00	26.54 1.67 -0.02	30.30 1.71 0.00	36.20 2.18 0.00	33.10 2.05 0.00	27.11 1.63 0.00	25.60 1.63 0.00	23.10 1.40 -0.22	23.81 1.69 -0.12
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.59 1.10 -12.94	24.05 1.10 -10.35	22.72 1.14 -8.59	22.51 1.08 -9.14	21.88 1.12 -7.82	25.97 1.35 -9.95	24.81 1.29 -6.29	31.95 1.41 -11.16	31.92 1.81 -7.25	31.73 2.40 -0.46	25.80 1.73 0.00	25.81 1.96 0.00	22.83 1.47 0.00	21.86 1.33 0.00	23.07 1.67 0.00	22.92 1.52 0.00	26.74 1.86 -0.02	30.53 1.94 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.29 1.81 0.00	25.77 1.80 0.00	23.27 1.57 -0.22	24.03 1.91 -0.12
PATROON__115KV_TB1 80586	29.22 0.49 -16.20	26.07 0.52 -12.94	24.26 0.53 -10.75	24.24 0.52 -11.43	23.26 0.54 -9.79	27.71 0.59 -12.45	25.79 0.69 -7.87	34.18 0.83 -13.97	32.85 0.91 -9.07	30.58 1.13 -0.58	24.96 0.89 0.00	24.76 0.91 0.00	22.06 0.70 0.00	21.14 0.62 0.00	22.19 0.79 0.00	22.17 0.77 0.00	25.87 0.99 -0.03	29.70 1.11 0.00	35.28 1.26 0.00	32.20 1.15 0.00	26.47 0.99 0.00	24.91 0.93 0.00	22.59 0.84 -0.28	22.91 0.77 -0.15
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	15.57 -0.48 -3.50	15.05 -0.35 -2.80	14.97 -0.34 -2.32	14.48 -0.28 -2.47	14.81 -0.23 -2.12	16.91 -0.45 -2.69	18.06 -0.90 -1.72	21.79 -0.64 -3.06	24.19 -0.66 -1.98	28.02 -0.98 -0.13	24.26 0.19 0.00	23.85 0.00 0.00	21.38 0.02 0.00	20.42 -0.10 0.00	21.36 -0.04 0.00	21.23 -0.17 0.00	24.51 -0.35 -0.01	28.44 -0.14 0.00	33.48 -0.54 0.00	30.59 -0.47 0.00	25.22 -0.25 0.00	23.64 -0.34 0.00	20.98 -0.56 -0.06	21.89 -0.13 -0.03
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.58 0.93 -13.11	23.97 0.88 -10.48	22.59 0.91 -8.70	22.39 0.85 -9.25	21.72 0.87 -7.92	25.77 1.03 -10.08	24.74 1.14 -6.37	32.14 1.45 -11.31	32.01 1.81 -7.34	31.65 2.31 -0.47	25.78 1.71 0.00	25.64 1.79 0.00	22.75 1.39 0.00	21.77 1.25 0.00	22.92 1.52 0.00	22.86 1.46 0.00	26.74 1.86 -0.02	30.64 2.06 0.00	36.61 2.59 0.00	33.51 2.45 0.00	27.41 1.94 0.00	25.84 1.87 0.00	23.18 1.48 -0.22	23.63 1.52 -0.12
PEEKSKILL____ 23653	26.15 0.81 -12.79	23.61 0.78 -10.23	22.28 0.81 -8.49	22.07 0.75 -9.03	21.45 0.79 -7.73	25.45 0.94 -9.84	24.49 1.05 -6.21	31.72 1.32 -11.02	31.67 1.65 -7.15	31.41 2.08 -0.45	25.66 1.59 0.00	25.52 1.67 0.00	22.60 1.24 0.00	21.69 1.17 0.00	22.77 1.37 0.00	22.75 1.35 0.00	26.51 1.64 -0.02	30.36 1.77 0.00	36.30 2.28 0.00	33.07 2.02 0.00	27.18 1.71 0.00	25.62 1.65 0.00	23.07 1.38 -0.22	23.50 1.39 -0.12
PGE MADISON__WINDPWR 24146	18.42 0.75 -5.13	17.44 0.73 -4.10	17.19 0.81 -3.41	16.70 0.79 -3.62	16.87 0.84 -3.10	19.54 0.92 -3.95	20.85 1.12 -2.50	25.20 1.40 -4.43	27.73 1.99 -2.88	31.54 2.48 -0.18	26.31 2.24 0.00	25.76 1.91 0.00	22.94 1.58 0.00	21.94 1.41 0.00	23.01 1.61 0.00	23.01 1.61 0.00	26.87 2.01 -0.01	31.18 2.60 0.00	37.22 3.20 0.00	33.97 2.92 0.00	27.67 2.19 0.00	25.89 1.92 0.00	23.16 1.59 -0.09	23.49 1.45 -0.05
PIERCEFIELD__HYD 23852	8.00 -0.26 4.27	7.43 -0.29 4.89	7.72 -0.31 4.95	7.70 -0.30 4.30	6.27 -0.32 6.34	14.64 -0.34 -0.31	17.14 -0.29 -0.20	19.16 -0.56 -0.35	22.50 -0.59 -0.23	28.22 -0.66 -0.01	23.71 -0.36 0.00	23.57 -0.29 0.00	21.21 -0.15 0.00	20.46 -0.06 0.00	21.19 -0.21 0.00	21.27 -0.13 0.00	24.58 -0.27 0.00	28.10 -0.49 0.00	33.44 -0.58 0.00	30.62 -0.43 0.00	24.97 -0.51 0.00	23.71 -0.26 0.00	21.42 -0.06 -0.01	21.80 -0.20 0.00
PINELAWN_CC_I 323563	26.91 1.23 -13.14	24.16 1.20 -10.35	22.76 1.19 -8.59	22.54 1.12 -9.13	21.90 1.15 -7.82	25.97 1.35 -9.95	33.82 1.57 -15.02	38.65 1.88 -17.39	34.79 2.42 -9.50	32.47 3.00 -0.59	28.47 2.36 -2.04	26.31 2.43 -0.02	23.27 1.90 -0.01	22.31 1.78 0.00	23.77 2.08 -0.29	24.33 2.03 -0.89	27.29 2.41 -0.03	33.30 2.72 -2.01	37.37 3.34 -0.01	35.42 2.98 -1.38	34.17 2.52 -6.17	31.48 2.42 -5.09	27.83 2.04 -4.31	24.17 2.05 -0.13
PJM_GEN_HTP_PROXY 323702	26.40 0.91 -12.94	23.82 0.87 -10.34	22.49 0.92 -8.59	22.29 0.86 -9.13	21.64 0.89 -7.82	24.49 1.07 -8.75	25.90 1.19 -7.48	34.12 1.47 -13.27	32.61 1.85 -7.89	28.89 2.34 2.32	25.85 1.78 0.00	25.74 1.88 0.00	22.79 1.43 0.00	21.88 1.35 0.00	22.96 1.56 0.00	22.92 1.52 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.54 2.52 0.00	33.29 2.24 0.00	27.36 1.89 0.00	25.82 1.85 0.00	23.25 1.55 -0.22	23.70 1.58 -0.12
PJM_GEN_KEystone 24065	21.27 0.26 -8.46	19.67 0.30 -6.77	18.91 0.31 -5.62	18.56 0.29 -5.97	18.38 0.34 -5.11	20.32 0.34 -5.31	22.78 0.24 -5.31	29.30 0.50 -9.42	28.85 0.59 -5.39	27.09 0.69 2.48	24.79 0.72 0.00	24.55 0.69 0.00	21.85 0.49 0.00	20.95 0.43 0.00	21.96 0.56 0.00	21.87 0.47 0.00	25.41 0.55 -0.01	29.27 0.68 0.00	34.74 0.72 0.00	31.89 0.84 0.00	26.09 0.61 0.00	24.54 0.57 0.00	22.01 0.39 -0.14	22.60 0.53 -0.08
PJM_GEN_NEPTUNE_PROXY 323594	26.71 1.03 -13.14	23.95 1.00 -10.35	22.57 1.00 -8.59	22.36 0.93 -9.13	21.72 0.97 -7.82	24.55 1.13 -8.75	34.81 1.36 -16.22	40.56 1.67 -19.51	35.06 2.03 -10.16	29.25 2.57 2.19	28.10 2.00 -2.04	25.98 2.10 -0.02	22.97 1.60 -0.01	22.02 1.50 0.00	23.45 1.76 -0.29	24.01 1.71 -0.89	26.94 2.06 -0.03	32.88 2.29 -2.01	36.89 2.86 -0.01	34.98 2.55 -1.38	33.79 2.14 -6.17	31.13 2.06 -5.09	27.53 1.74 -4.31	23.88 1.76 -0.13
PJM_GEN_VFT_PROXY 323633	26.35 0.86 -12.94	23.77 0.82 -10.35	22.46 0.88 -8.59	22.25 0.82 -9.13	21.60 0.85 -7.82	24.45 1.03 -8.76	25.85 1.14 -7.48	34.06 1.41 -13.27	32.54 1.78 -7.89	28.81 2.25 2.32	25.78 1.71 0.00	25.67 1.81 0.00	22.73 1.37 0.00	21.82 1.29 0.00	22.92 1.52 0.00	22.86 1.46 0.00	26.64 1.76 -0.02	30.47 1.89 0.00	36.44 2.42 0.00	33.17 2.11 0.00	27.29 1.81 0.00	25.72 1.75 0.00	23.18 1.48 -0.22	23.61 1.50 -0.12

PLATSBRG_115KV_PMLD1 355749	-6.97 -0.61 18.89	-6.96 -0.64 18.93	-6.96 -0.67 19.27	-6.97 -0.64 18.62	4.08 -0.67 8.18	14.04 -0.63 0.00	16.89 -0.34 0.00	19.07 -0.31 0.00	22.71 -0.16 0.00	28.99 0.12 0.00	24.34 0.26 0.00	24.28 0.43 0.00	21.81 0.45 0.00	21.10 0.57 0.00	21.90 0.49 0.00	22.00 0.60 0.00	25.47 0.62 0.00	29.50 0.91 0.00	35.08 1.05 0.00	32.17 1.12 0.00	26.19 0.71 0.00	24.59 0.62 0.00	22.08 0.60 0.00	22.50 0.51 0.00
PLEASANTVLY___LBMP 24000	26.82 0.71 -13.56	24.14 0.69 -10.84	22.70 0.71 -9.00	22.54 0.68 -9.57	21.84 0.71 -8.19	25.92 0.82 -10.43	24.77 0.95 -6.59	32.24 1.16 -11.70	31.92 1.46 -7.59	31.20 1.85 -0.48	25.47 1.40 0.00	25.36 1.50 0.00	22.51 1.15 0.00	21.57 1.05 0.00	22.69 1.28 0.00	22.60 1.20 0.00	26.39 1.52 -0.02	30.24 1.66 0.00	36.06 2.04 0.00	32.95 1.89 0.00	27.03 1.55 0.00	25.46 1.49 0.00	22.96 1.25 -0.23	23.37 1.25 -0.13
PLSNTVLE_13_KV_13.8KVDIST 80602	26.44 0.85 -13.05	23.86 0.82 -10.43	22.49 0.84 -8.66	22.29 0.79 -9.21	21.64 0.83 -7.89	25.69 0.98 -10.04	24.68 1.10 -6.34	32.01 1.38 -11.26	31.89 1.71 -7.31	31.53 2.19 -0.46	25.73 1.66 0.00	25.62 1.77 0.00	22.70 1.35 0.00	21.75 1.23 0.00	22.92 1.52 0.00	22.79 1.39 0.00	26.64 1.76 -0.02	30.50 1.92 0.00	36.40 2.38 0.00	33.29 2.24 0.00	27.29 1.81 0.00	25.70 1.73 0.00	23.14 1.44 -0.22	23.59 1.47 -0.12
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.44 0.85 -13.05	23.86 0.82 -10.43	22.49 0.84 -8.66	22.29 0.79 -9.21	21.64 0.83 -7.89	25.69 0.98 -10.04	24.68 1.10 -6.34	32.01 1.38 -11.26	31.89 1.71 -7.31	31.53 2.19 -0.46	25.73 1.66 0.00	25.62 1.77 0.00	22.70 1.35 0.00	21.75 1.23 0.00	22.92 1.52 0.00	22.79 1.39 0.00	26.64 1.76 -0.02	30.50 1.92 0.00	36.40 2.38 0.00	33.29 2.24 0.00	27.29 1.81 0.00	25.70 1.73 0.00	23.14 1.44 -0.22	23.59 1.47 -0.12
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.62 0.80 -13.27	23.97 0.76 -10.61	22.58 0.79 -8.81	22.40 0.74 -9.37	21.73 0.78 -8.02	25.77 0.89 -10.20	24.68 1.00 -6.45	32.06 1.24 -11.45	31.87 1.58 -7.43	31.31 1.96 -0.47	25.56 1.49 0.00	25.41 1.55 0.00	22.55 1.20 0.00	21.61 1.09 0.00	22.77 1.37 0.00	22.67 1.26 0.00	26.49 1.62 -0.02	30.38 1.80 0.00	36.23 2.21 0.00	33.13 2.08 0.00	27.18 1.71 0.00	25.58 1.61 0.00	23.04 1.33 -0.23	23.46 1.34 -0.12
POLETTI____ 23519	26.37 0.89 -12.94	23.80 0.84 -10.35	22.46 0.88 -8.59	22.25 0.82 -9.13	21.60 0.85 -7.82	25.66 1.04 -9.95	24.66 1.14 -6.29	30.64 1.40 -9.87	30.07 1.78 -5.42	30.06 2.25 1.07	25.74 1.68 0.02	25.68 1.84 0.02	22.75 1.41 0.02	21.80 1.29 0.02	22.97 1.58 0.02	22.84 1.46 0.02	26.65 1.79 0.00	30.48 1.92 0.02	36.42 2.42 0.02	33.30 2.27 0.02	27.30 1.83 0.02	25.70 1.75 0.02	23.17 1.48 -0.20	23.65 1.54 -0.12
POMONA____ESR 323819	25.80 0.83 -12.43	23.33 0.79 -9.93	22.04 0.81 -8.25	21.83 0.76 -8.77	21.23 0.79 -7.51	25.16 0.94 -9.56	24.31 1.05 -6.03	31.40 1.32 -10.71	31.46 1.65 -6.95	31.39 2.08 -0.44	25.63 1.56 0.00	25.50 1.64 0.00	22.60 1.24 0.00	21.67 1.15 0.00	22.77 1.37 0.00	22.73 1.33 0.00	26.49 1.61 -0.02	30.36 1.77 0.00	36.27 2.24 0.00	33.07 2.02 0.00	27.18 1.71 0.00	25.62 1.65 0.00	23.04 1.35 -0.21	23.49 1.39 -0.12
PORT_JEFF_3 23555	26.96 1.28 -13.14	24.21 1.25 -10.35	22.80 1.23 -8.59	22.58 1.16 -9.13	21.94 1.19 -7.82	26.01 1.39 -9.95	33.82 1.57 -15.02	38.65 1.88 -17.39	34.86 2.49 -9.50	32.50 3.03 -0.59	28.51 2.41 -2.04	26.31 2.43 -0.02	23.29 1.92 -0.01	22.35 1.83 0.00	23.77 2.08 -0.29	24.37 2.08 -0.89	27.44 2.56 -0.03	33.47 2.89 -2.01	37.50 3.47 -0.01	35.54 3.11 -1.38	34.27 2.62 -6.17	31.60 2.54 -5.09	27.92 2.13 -4.31	24.23 2.11 -0.13
PORT_JEFF_4 23616	26.96 1.28 -13.14	24.21 1.25 -10.35	22.80 1.23 -8.59	22.58 1.16 -9.13	21.94 1.19 -7.82	26.01 1.39 -9.95	33.82 1.57 -15.02	38.65 1.88 -17.39	34.86 2.49 -9.50	32.50 3.03 -0.59	28.51 2.41 -2.04	26.31 2.43 -0.02	23.29 1.92 -0.01	22.35 1.83 0.00	23.77 2.08 -0.29	24.37 2.08 -0.89	27.44 2.56 -0.03	33.47 2.89 -2.01	37.50 3.47 -0.01	35.54 3.11 -1.38	34.27 2.62 -6.17	31.60 2.54 -5.09	27.92 2.13 -4.31	24.23 2.11 -0.13
PORT_JEFF_IC 23713	26.97 1.29 -13.14	24.22 1.26 -10.35	22.83 1.26 -8.59	22.60 1.18 -9.13	21.96 1.22 -7.82	26.03 1.41 -9.95	33.84 1.58 -15.02	38.69 1.92 -17.39	34.90 2.54 -9.50	32.56 3.09 -0.59	28.56 2.46 -2.04	26.36 2.48 -0.02	23.33 1.96 -0.01	22.37 1.85 0.00	23.81 2.12 -0.29	24.41 2.12 -0.89	27.49 2.61 -0.03	33.53 2.94 -2.01	37.60 3.57 -0.01	35.60 3.17 -1.38	34.32 2.67 -6.17	31.65 2.59 -5.09	27.96 2.17 -4.31	24.28 2.16 -0.13
PPL PILGRIM_ST_GT1 24216	26.93 1.25 -13.14	24.18 1.22 -10.35	22.79 1.22 -8.59	22.57 1.14 -9.13	21.94 1.19 -7.82	26.00 1.38 -9.95	33.82 1.57 -15.02	38.61 1.84 -17.39	34.84 2.47 -9.50	32.52 3.06 -0.59	28.54 2.43 -2.04	26.36 2.48 -0.02	23.31 1.94 -0.01	22.37 1.85 0.00	23.81 2.12 -0.29	24.39 2.10 -0.89	27.42 2.54 -0.03	33.45 2.86 -2.01	37.47 3.43 -0.01	35.54 3.11 -1.38	34.27 2.62 -6.17	31.60 2.54 -5.09	27.94 2.15 -4.31	24.25 2.13 -0.13
PPL PILGRIM_ST_GT2 24217	26.93 1.25 -13.14	24.18 1.22 -10.35	22.79 1.22 -8.59	22.57 1.14 -9.13	21.94 1.19 -7.82	26.00 1.38 -9.95	33.82 1.57 -15.02	38.61 1.84 -17.39	34.84 2.47 -9.50	32.52 3.06 -0.59	28.54 2.43 -2.04	26.36 2.48 -0.02	23.31 1.94 -0.01	22.37 1.85 0.00	23.81 2.12 -0.29	24.39 2.10 -0.89	27.42 2.54 -0.03	33.45 2.86 -2.01	37.47 3.43 -0.01	35.54 3.11 -1.38	34.27 2.62 -6.17	31.60 2.54 -5.09	27.94 2.15 -4.31	24.25 2.13 -0.13
PPL_SHRM_GT3 24213	27.03 1.35 -13.14	24.28 1.32 -10.35	22.88 1.31 -8.59	22.65 1.23 -9.13	22.00 1.25 -7.82	26.08 1.47 -9.95	33.89 1.64 -15.02	38.74 1.98 -17.39	34.99 2.63 -9.50	32.50 3.03 -0.59	28.47 2.36 -2.04	26.22 2.34 -0.02	23.22 1.86 -0.01	22.33 1.81 0.00	23.73 2.03 -0.29	24.37 2.08 -0.89	27.54 2.66 -0.03	33.59 3.00 -2.01	37.54 3.51 -0.01	35.51 3.08 -1.38	34.27 2.62 -6.17	31.63 2.57 -5.09	27.90 2.11 -4.31	24.23 2.11 -0.13
PPL_SHRM_GT4 24214	27.03 1.35 -13.14	24.28 1.32 -10.35	22.88 1.31 -8.59	22.65 1.23 -9.13	22.00 1.25 -7.82	26.08 1.47 -9.95	33.89 1.64 -15.02	38.74 1.98 -17.39	34.99 2.63 -9.50	32.50 3.03 -0.59	28.47 2.36 -2.04	26.22 2.34 -0.02	23.22 1.86 -0.01	22.33 1.81 0.00	23.73 2.03 -0.29	24.37 2.08 -0.89	27.54 2.66 -0.03	33.59 3.00 -2.01	37.54 3.51 -0.01	35.51 3.08 -1.38	34.27 2.62 -6.17	31.63 2.57 -5.09	27.90 2.11 -4.31	24.23 2.11 -0.13
PROJECT___ORANGE I 24174	15.01 0.00 -2.47	14.59 0.01 -1.97	14.63 0.01 -1.64	14.05 0.01 -1.74	14.43 0.01 -1.49	16.57 0.00 -1.90	18.36 -0.07 -1.20	21.53 0.02 -2.13	24.22 -0.02 -1.38	28.87 -0.09 -0.09	24.05 -0.02 0.00	23.78 -0.07 0.00	21.25 -0.11 0.00	20.40 -0.12 0.00	21.32 -0.09 0.00	21.27 -0.13 0.00	24.73 -0.12 0.00	28.44 -0.14 0.00	33.85 -0.17 0.00	30.84 -0.22 0.00	25.35 -0.13 0.00	23.83 -0.14 0.00	21.37 -0.15 -0.04	21.93 -0.09 -0.02

PROJECT___ORANGE 2 24166	15.01 0.00 -2.47	14.59 0.01 -1.97	14.63 0.01 -1.64	14.05 0.01 -1.74	14.43 0.01 -1.49	16.57 0.00 -1.90	18.36 -0.07 -1.20	21.53 0.02 -2.13	24.22 -0.02 -1.38	28.87 -0.09 -0.09	24.05 -0.02 0.00	23.78 -0.07 0.00	21.25 -0.11 0.00	20.40 -0.12 0.00	21.32 -0.09 0.00	21.27 -0.13 0.00	24.73 -0.12 0.00	28.44 -0.14 0.00	33.85 -0.17 0.00	30.84 -0.22 0.00	25.35 -0.13 0.00	23.83 -0.14 0.00	21.37 -0.15 -0.04	21.93 -0.09 -0.02
PUCKETT___SOLAR 323809	18.35 0.35 -5.46	17.32 0.35 -4.36	16.98 0.38 -3.62	16.50 0.36 -3.85	16.61 0.39 -3.30	19.27 0.41 -4.19	20.30 0.41 -2.65	24.75 0.66 -4.71	26.72 0.80 -3.06	29.99 0.92 -0.19	24.99 0.91 0.00	24.62 0.76 0.00	21.94 0.58 0.00	21.04 0.51 0.00	22.02 0.62 0.00	22.00 0.60 0.00	25.66 0.80 -0.01	29.61 1.03 0.00	35.25 1.22 0.00	32.23 1.18 0.00	26.37 0.89 0.00	24.76 0.79 0.00	22.17 0.60 -0.09	22.68 0.64 -0.05
PYRITES___HYD 24023	7.79 -0.09 4.66	7.21 -0.13 5.28	7.50 -0.14 5.34	7.47 -0.15 4.68	6.22 -0.17 6.54	14.78 -0.18 -0.29	17.35 -0.07 -0.18	19.41 -0.29 -0.33	22.85 -0.23 -0.21	28.66 -0.23 -0.01	24.05 -0.02 0.00	23.83 -0.02 0.00	21.42 0.06 0.00	20.67 0.14 0.00	21.38 -0.02 0.00	21.49 0.09 0.00	24.85 0.00 0.00	28.53 -0.06 0.00	34.02 0.00 0.00	31.15 0.09 0.00	25.38 -0.10 0.00	24.02 0.05 0.00	21.66 0.17 -0.01	21.99 0.00 0.00
QUAKERRD_115KV_BK1 80622	15.18 -0.30 -2.94	14.71 -0.25 -2.35	14.69 -0.25 -1.95	14.15 -0.22 -2.08	14.48 -0.23 -1.78	16.59 -0.34 -2.26	18.08 -0.59 -1.43	21.40 -0.52 -2.55	23.90 -0.62 -1.65	28.17 -0.81 -0.11	23.47 -0.60 0.00	23.14 -0.72 0.00	20.72 -0.64 0.00	19.87 -0.66 0.00	20.76 -0.64 0.00	20.70 -0.71 0.00	23.99 -0.87 0.00	27.70 -0.89 0.00	32.80 -1.22 0.00	29.91 -1.15 0.00	24.64 -0.84 0.00	23.08 -0.89 0.00	20.67 -0.86 -0.05	21.25 -0.77 -0.03
QUENSBRY_115KV_TB8 356137	30.05 0.92 -16.60	26.80 0.93 -13.26	24.96 0.96 -11.02	24.91 0.91 -11.71	23.95 1.00 -10.03	28.51 1.09 -12.76	26.53 1.24 -8.06	35.14 1.45 -14.31	34.03 1.87 -9.29	31.92 2.45 -0.59	26.07 2.00 0.00	25.91 2.05 0.00	22.96 1.60 0.00	21.71 1.19 0.00	22.82 1.41 0.00	22.79 1.39 0.00	26.52 1.64 -0.03	30.55 1.97 0.00	36.13 2.11 0.00	32.95 1.89 0.00	27.16 1.68 0.00	25.53 1.56 0.00	23.29 1.52 -0.28	23.75 1.61 -0.15
RAMAPO___LBMP 323565	25.70 0.78 -12.38	23.25 0.74 -9.90	21.97 0.77 -8.22	21.74 0.71 -8.74	21.16 0.75 -7.48	25.08 0.89 -9.52	24.25 1.00 -6.02	31.30 1.24 -10.68	31.33 1.53 -6.93	31.28 1.96 -0.44	25.54 1.47 0.00	25.41 1.55 0.00	22.55 1.20 0.00	21.61 1.09 0.00	22.75 1.35 0.00	22.62 1.22 0.00	26.41 1.54 -0.02	30.27 1.69 0.00	36.13 2.11 0.00	33.01 1.96 0.00	27.08 1.61 0.00	25.50 1.53 0.00	22.96 1.27 -0.21	23.40 1.30 -0.12
RANKINE____ 23646	15.71 -0.30 -3.47	15.20 -0.18 -2.77	15.14 -0.14 -2.30	14.64 -0.10 -2.45	14.97 -0.05 -2.09	17.08 -0.25 -2.67	18.25 -0.69 -1.70	21.98 -0.43 -3.03	24.40 -0.43 -1.96	28.28 -0.72 -0.12	24.12 0.05 0.00	23.71 -0.14 0.00	21.27 -0.09 0.00	20.32 -0.21 0.00	21.25 -0.15 0.00	21.12 -0.28 0.00	24.41 -0.45 -0.01	28.30 -0.29 0.00	33.27 -0.75 0.00	30.40 -0.65 0.00	25.09 -0.38 0.00	23.52 -0.46 0.00	20.94 -0.60 -0.06	21.76 -0.26 -0.03
RAVENSWOOD_GT2_1 24244	26.41 0.93 -12.94	23.84 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.14	21.64 0.89 -7.82	25.69 1.07 -9.95	24.71 1.19 -6.29	31.97 1.43 -11.16	31.92 1.81 -7.25	31.67 2.34 -0.46	25.80 1.73 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.55 1.97 0.00	36.51 2.48 0.00	33.38 2.33 0.00	27.36 1.89 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.72 1.61 -0.12
RAVENSWOOD_GT2_2 24245	26.41 0.93 -12.94	23.84 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.14	21.64 0.89 -7.82	25.69 1.07 -9.95	24.71 1.19 -6.29	31.97 1.43 -11.16	31.92 1.81 -7.25	31.67 2.34 -0.46	25.80 1.73 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.55 1.97 0.00	36.51 2.48 0.00	33.38 2.33 0.00	27.36 1.89 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.72 1.61 -0.12
RAVENSWOOD_GT2_3 24246	26.41 0.93 -12.94	23.84 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.14	21.64 0.89 -7.82	25.69 1.07 -9.95	24.71 1.19 -6.29	31.99 1.45 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.83 1.76 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.54 2.52 0.00	33.38 2.33 0.00	27.36 1.89 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.72 1.61 -0.12
RAVENSWOOD_GT2_4 24247	26.41 0.93 -12.94	23.84 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.14	21.64 0.89 -7.82	25.69 1.07 -9.95	24.71 1.19 -6.29	31.99 1.45 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.83 1.76 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.54 2.52 0.00	33.38 2.33 0.00	27.36 1.89 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.72 1.61 -0.12
RAVENSWOOD_GT3_1 24248	26.41 0.93 -12.94	23.84 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.14	21.66 0.91 -7.82	25.71 1.09 -9.95	24.71 1.19 -6.29	31.97 1.43 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.80 1.73 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.51 2.48 0.00	33.38 2.33 0.00	27.36 1.89 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.72 1.61 -0.12
RAVENSWOOD_GT3_2 24249	26.41 0.93 -12.94	23.84 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.14	21.66 0.91 -7.82	25.71 1.09 -9.95	24.71 1.19 -6.29	31.97 1.43 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.80 1.73 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.51 2.48 0.00	33.38 2.33 0.00	27.36 1.89 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.72 1.61 -0.12
RAVENSWOOD_GT3_3 24250	26.43 0.94 -12.94	23.85 0.90 -10.35	22.51 0.93 -8.59	22.30 0.87 -9.14	21.67 0.92 -7.82	25.72 1.10 -9.95	24.73 1.21 -6.29	31.99 1.45 -11.16	31.96 1.85 -7.25	31.70 2.37 -0.46	25.85 1.78 0.00	25.79 1.93 0.00	22.83 1.47 0.00	21.88 1.35 0.00	23.05 1.65 0.00	22.92 1.52 0.00	26.76 1.89 -0.02	30.61 2.03 0.00	36.57 2.55 0.00	33.41 2.36 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.25 1.55 -0.22	23.74 1.63 -0.12
RAVENSWOOD_GT3_4 24251	26.43 0.94 -12.94	23.85 0.90 -10.35	22.51 0.93 -8.59	22.30 0.87 -9.14	21.67 0.92 -7.82	25.72 1.10 -9.95	24.73 1.21 -6.29	31.99 1.45 -11.16	31.96 1.85 -7.25	31.70 2.37 -0.46	25.85 1.78 0.00	25.79 1.93 0.00	22.83 1.47 0.00	21.88 1.35 0.00	23.05 1.65 0.00	22.92 1.52 0.00	26.76 1.89 -0.02	30.61 2.03 0.00	36.57 2.55 0.00	33.41 2.36 0.00	27.39 1.91 0.00	25.82 1.85 0.00	23.25 1.55 -0.22	23.74 1.63 -0.12

RAVENSWOOD_GT_1 23729	26.46 0.98 -12.94	23.89 0.93 -10.35	22.56 0.99 -8.59	22.35 0.92 -9.14	21.71 0.96 -7.82	25.77 1.14 -9.95	24.69 1.17 -6.29	31.90 1.36 -11.16	31.85 1.74 -7.25	31.64 2.31 -0.46	25.76 1.68 0.00	25.74 1.88 0.00	22.79 1.43 0.00	21.82 1.29 0.00	23.03 1.63 0.00	22.88 1.48 0.00	26.69 1.81 -0.02	30.47 1.89 0.00	36.40 2.38 0.00	33.29 2.24 0.00	27.26 1.78 0.00	25.74 1.77 0.00	23.22 1.52 -0.22	23.81 1.69 -0.12
RAVENSWOOD_GT_10 24258	26.41 0.93 -12.94	23.84 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.14	21.66 0.91 -7.82	25.71 1.09 -9.95	24.71 1.19 -6.29	31.97 1.43 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.80 1.73 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.51 2.48 0.00	33.38 2.33 0.00	27.36 1.89 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.72 1.61 -0.12
RAVENSWOOD_GT_11 24259	26.41 0.93 -12.94	23.84 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.14	21.66 0.91 -7.82	25.71 1.09 -9.95	24.71 1.19 -6.29	31.97 1.43 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.80 1.73 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.51 2.48 0.00	33.38 2.33 0.00	27.36 1.89 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.72 1.61 -0.12
RAVENSWOOD_GT_4 24252	26.40 0.92 -12.94	23.82 0.87 -10.35	22.48 0.91 -8.59	22.29 0.86 -9.14	21.64 0.89 -7.82	25.69 1.07 -9.95	24.71 1.19 -6.29	31.99 1.45 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.83 1.76 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.54 2.52 0.00	33.38 2.33 0.00	27.39 1.91 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.70 1.58 -0.12
RAVENSWOOD_GT_5 24254	26.40 0.92 -12.94	23.82 0.87 -10.35	22.48 0.91 -8.59	22.29 0.86 -9.14	21.64 0.89 -7.82	25.69 1.07 -9.95	24.71 1.19 -6.29	31.99 1.45 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.83 1.76 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.54 2.52 0.00	33.38 2.33 0.00	27.39 1.91 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.70 1.58 -0.12
RAVENSWOOD_GT_6 24253	26.40 0.92 -12.94	23.82 0.87 -10.35	22.48 0.91 -8.59	22.29 0.86 -9.14	21.64 0.89 -7.82	25.69 1.07 -9.95	24.71 1.19 -6.29	31.99 1.45 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.83 1.76 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.54 2.52 0.00	33.38 2.33 0.00	27.39 1.91 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.70 1.58 -0.12
RAVENSWOOD_GT_7 24255	26.40 0.92 -12.94	23.82 0.87 -10.35	22.48 0.91 -8.59	22.29 0.86 -9.14	21.64 0.89 -7.82	25.69 1.07 -9.95	24.71 1.19 -6.29	31.99 1.45 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.83 1.76 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.54 2.52 0.00	33.38 2.33 0.00	27.39 1.91 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.70 1.58 -0.12
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.41 0.93 -12.94	23.84 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.14	21.66 0.91 -7.82	25.71 1.09 -9.95	24.71 1.19 -6.29	31.97 1.43 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.80 1.73 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.51 2.48 0.00	33.38 2.33 0.00	27.36 1.89 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.72 1.61 -0.12
RAVENSWOOD_GT_9 24257	26.41 0.93 -12.94	23.84 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.14	21.66 0.91 -7.82	25.71 1.09 -9.95	24.71 1.19 -6.29	31.97 1.43 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.80 1.73 0.00	25.74 1.88 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.74 1.86 -0.02	30.58 2.00 0.00	36.51 2.48 0.00	33.38 2.33 0.00	27.36 1.89 0.00	25.79 1.82 0.00	23.22 1.52 -0.22	23.72 1.61 -0.12
RAVENSWOOD___1 23533	26.47 0.98 -12.95	23.89 0.93 -10.35	22.57 0.99 -8.60	22.36 0.92 -9.14	21.72 0.96 -7.83	25.77 1.14 -9.96	24.70 1.19 -6.28	31.90 1.38 -11.15	31.86 1.76 -7.24	31.64 2.31 -0.46	25.78 1.71 0.00	25.74 1.88 0.00	22.75 1.39 0.00	21.84 1.31 0.00	22.96 1.56 0.00	22.92 1.52 0.00	26.66 1.79 -0.02	30.47 1.89 0.00	36.40 2.38 0.00	33.20 2.14 0.00	27.26 1.78 0.00	25.77 1.80 0.00	23.25 1.55 -0.22	23.83 1.72 -0.12
RAVENSWOOD___2 23534	26.47 0.98 -12.95	23.89 0.93 -10.35	22.57 0.99 -8.60	22.36 0.92 -9.14	21.72 0.96 -7.83	25.77 1.14 -9.96	24.70 1.19 -6.28	31.90 1.38 -11.15	31.86 1.76 -7.24	31.64 2.31 -0.46	25.78 1.71 0.00	25.74 1.88 0.00	22.75 1.39 0.00	21.84 1.31 0.00	22.96 1.56 0.00	22.92 1.52 0.00	26.66 1.79 -0.02	30.47 1.89 0.00	36.40 2.38 0.00	33.20 2.14 0.00	27.26 1.78 0.00	25.77 1.80 0.00	23.25 1.55 -0.22	23.83 1.72 -0.12
RAVENSWOOD___3 23535	26.40 0.91 -12.94	23.84 0.88 -10.35	22.49 0.92 -8.59	22.29 0.86 -9.14	21.64 0.89 -7.82	25.69 1.07 -9.95	24.70 1.19 -6.28	31.98 1.45 -11.15	31.93 1.83 -7.24	31.67 2.34 -0.46	25.85 1.78 0.00	25.74 1.88 0.00	22.79 1.43 0.00	21.86 1.33 0.00	22.96 1.56 0.00	22.92 1.52 0.00	26.71 1.84 -0.02	30.55 1.97 0.00	36.54 2.52 0.00	33.29 2.24 0.00	27.36 1.89 0.00	25.79 1.82 0.00	23.25 1.55 -0.22	23.72 1.60 -0.12
RAVENSWOOD___4 23820	26.47 0.98 -12.95	23.89 0.93 -10.35	22.57 0.99 -8.60	22.36 0.92 -9.14	21.72 0.96 -7.83	25.77 1.14 -9.96	24.70 1.19 -6.28	31.90 1.38 -11.15	31.86 1.76 -7.24	31.64 2.31 -0.46	25.78 1.71 0.00	25.74 1.88 0.00	22.75 1.39 0.00	21.84 1.31 0.00	22.96 1.56 0.00	22.92 1.52 0.00	26.66 1.79 -0.02	30.47 1.89 0.00	36.40 2.38 0.00	33.20 2.14 0.00	27.26 1.78 0.00	25.77 1.80 0.00	23.25 1.55 -0.22	23.83 1.72 -0.12
RCPI_TRUST___DRP 24196	26.41 0.93 -12.94	23.85 0.90 -10.34	22.51 0.93 -8.59	22.30 0.87 -9.13	21.66 0.91 -7.82	25.71 1.09 -9.95	24.73 1.21 -6.29	32.03 1.49 -11.16	31.99 1.87 -7.24	31.70 2.37 -0.46	25.85 1.78 0.00	25.79 1.93 0.00	22.85 1.50 0.00	21.90 1.38 0.00	23.05 1.65 0.00	22.94 1.54 0.00	26.76 1.89 -0.02	30.61 2.03 0.00	36.61 2.59 0.00	33.45 2.39 0.00	27.41 1.94 0.00	25.84 1.87 0.00	23.27 1.57 -0.22	23.74 1.63 -0.12
RED___ROCHESTER 323720	15.57 0.04 -2.99	15.10 0.10 -2.39	15.07 0.10 -1.98	14.52 0.12 -2.11	14.87 0.13 -1.81	17.04 0.07 -2.30	18.52 -0.19 -1.47	22.05 0.06 -2.61	24.59 0.02 -1.70	28.95 -0.03 -0.11	24.19 0.12 0.00	23.81 -0.05 0.00	21.34 -0.02 0.00	20.46 -0.06 0.00	21.38 -0.02 0.00	21.30 -0.11 0.00	24.71 -0.15 0.00	28.55 -0.03 0.00	33.72 -0.31 0.00	31.12 0.06 0.00	25.35 -0.13 0.00	23.73 -0.24 0.00	21.19 -0.34 -0.05	21.82 -0.20 -0.03

REGAN___SOLAR 323812	32.73 0.81 -19.38	28.93 0.83 -15.49	26.73 0.88 -12.86	26.81 0.85 -13.67	25.57 0.93 -11.71	30.61 1.04 -14.90	27.81 1.15 -9.43	37.58 1.47 -16.73	35.67 1.94 -10.86	31.99 2.43 -0.69	25.88 1.81 0.00	25.55 1.69 0.00	22.60 1.24 0.00	21.65 1.13 0.00	22.75 1.35 0.00	23.07 1.67 0.00	27.04 2.16 -0.03	31.13 2.54 0.00	36.81 2.79 0.00	33.57 2.51 0.00	27.69 2.22 0.00	25.96 1.99 0.00	23.46 1.65 -0.33	23.58 1.41 -0.18
RENSSELAER___COGEN 23796	29.01 0.44 -16.03	25.88 0.47 -12.81	24.10 0.48 -10.64	24.06 0.46 -11.31	23.09 0.48 -9.68	27.52 0.53 -12.32	25.63 0.60 -7.80	33.97 0.75 -13.84	32.65 0.80 -8.98	30.40 0.95 -0.57	24.82 0.75 0.00	24.64 0.79 0.00	21.91 0.55 0.00	21.04 0.51 0.00	22.04 0.64 0.00	22.09 0.68 0.00	25.75 0.87 -0.03	29.52 0.94 0.00	35.11 1.09 0.00	31.96 0.90 0.00	26.34 0.87 0.00	24.79 0.82 0.00	22.48 0.73 -0.27	22.82 0.68 -0.15
REPUBLIC_115KV_BARTNBRK 55605	30.42 1.29 -16.59	27.17 1.31 -13.26	25.34 1.35 -11.01	25.28 1.28 -11.71	24.36 1.41 -10.02	28.96 1.54 -12.75	27.03 1.74 -8.06	35.77 2.09 -14.30	34.89 2.74 -9.28	33.10 3.64 -0.59	27.01 2.94 0.00	26.74 2.89 0.00	23.60 2.24 0.00	22.27 1.74 0.00	23.39 1.99 0.00	23.50 2.10 0.00	27.36 2.49 -0.03	31.61 3.03 0.00	37.25 3.23 0.00	34.00 2.95 0.00	28.10 2.62 0.00	26.37 2.40 0.00	24.00 2.23 -0.28	24.35 2.20 -0.15
REVERE_CPPR_DRP 24186	14.03 0.39 -1.11	13.79 0.35 -0.83	14.01 0.38 -0.65	13.36 0.34 -0.72	13.87 0.36 -0.58	16.07 0.40 -1.01	18.35 0.48 -0.64	21.05 0.54 -1.13	24.38 0.78 -0.73	29.87 0.95 -0.05	24.89 0.82 0.00	24.50 0.64 0.00	21.89 0.53 0.00	20.99 0.47 0.00	21.94 0.54 0.00	21.96 0.56 0.00	25.55 0.70 0.00	29.47 0.89 0.00	35.15 1.12 0.00	32.05 0.99 0.00	26.22 0.74 0.00	24.64 0.67 0.00	22.06 0.56 -0.02	22.51 0.51 -0.01
REYNOLDS_115KV_TB3 80639	29.05 0.45 -16.05	25.93 0.49 -12.83	24.14 0.51 -10.66	24.10 0.48 -11.33	23.13 0.50 -9.70	27.55 0.54 -12.34	25.67 0.64 -7.80	34.00 0.78 -13.84	32.74 0.89 -8.99	30.54 1.10 -0.57	24.94 0.87 0.00	24.76 0.91 0.00	22.06 0.70 0.00	21.16 0.64 0.00	22.22 0.81 0.00	22.17 0.77 0.00	25.87 0.99 -0.03	29.70 1.11 0.00	35.28 1.26 0.00	32.20 1.15 0.00	26.47 0.99 0.00	24.91 0.93 0.00	22.59 0.84 -0.27	22.93 0.79 -0.15
RIVERBAY____ 323610	26.59 1.10 -12.94	24.05 1.10 -10.35	22.72 1.14 -8.59	22.51 1.08 -9.14	21.88 1.12 -7.82	25.97 1.35 -9.95	24.81 1.29 -6.29	31.95 1.41 -11.16	31.92 1.81 -7.25	31.73 2.40 -0.46	25.80 1.73 0.00	25.81 1.96 0.00	22.83 1.47 0.00	21.86 1.33 0.00	23.07 1.67 0.00	22.92 1.52 0.00	26.74 1.86 -0.02	30.53 1.94 0.00	36.47 2.45 0.00	33.35 2.30 0.00	27.29 1.81 0.00	25.77 1.80 0.00	23.27 1.57 -0.22	24.03 1.91 -0.12
RIVERSDE_115KV_TB3 55908	29.10 0.46 -16.09	25.96 0.49 -12.86	24.17 0.51 -10.68	24.13 0.48 -11.36	23.17 0.52 -9.72	27.60 0.56 -12.37	25.69 0.64 -7.82	34.05 0.79 -13.88	32.74 0.87 -9.01	30.51 1.07 -0.57	24.91 0.84 0.00	24.71 0.86 0.00	22.02 0.66 0.00	21.12 0.60 0.00	22.17 0.77 0.00	22.13 0.73 0.00	25.85 0.97 -0.03	29.67 1.09 0.00	35.25 1.22 0.00	32.17 1.12 0.00	26.42 0.94 0.00	24.88 0.91 0.00	22.55 0.79 -0.27	22.89 0.75 -0.15
ROARING___BROOK_WT_PWR 323790	0.00 -0.65 11.89	-0.76 -0.64 12.73	-0.48 -0.64 12.82	0.00 -0.61 11.68	0.00 -0.63 12.30	14.05 -0.62 0.00	16.68 -0.55 0.00	18.78 -0.60 0.00	22.29 -0.57 0.00	28.27 -0.61 0.00	23.61 -0.46 0.00	23.45 -0.41 0.00	21.06 -0.30 0.00	20.28 -0.25 0.00	21.10 -0.30 0.00	21.12 -0.28 0.00	24.50 -0.35 0.00	28.21 -0.37 0.00	33.58 -0.44 0.00	30.65 -0.40 0.00	25.10 -0.38 0.00	23.61 -0.36 0.00	21.18 -0.30 0.00	21.66 -0.33 0.00
ROCHESRG_115KV_T4 355643	15.46 -0.06 -2.98	14.99 0.00 -2.38	14.97 0.01 -1.98	14.43 0.04 -2.10	14.77 0.04 -1.80	16.91 -0.04 -2.29	18.37 -0.33 -1.47	21.83 -0.16 -2.61	24.38 -0.18 -1.69	28.66 -0.32 -0.11	23.93 -0.14 0.00	23.54 -0.31 0.00	21.12 -0.23 0.00	20.24 -0.29 0.00	21.17 -0.24 0.00	21.08 -0.32 0.00	24.38 -0.47 0.00	28.18 -0.40 0.00	33.31 -0.71 0.00	30.40 -0.65 0.00	25.04 -0.43 0.00	23.49 -0.48 0.00	21.01 -0.52 -0.05	21.67 -0.35 -0.03
ROCHESTER_9_IC 23652	15.52 -0.01 -2.99	15.06 0.06 -2.39	15.03 0.06 -1.98	14.49 0.09 -2.11	14.83 0.09 -1.81	16.98 0.01 -2.30	18.46 -0.24 -1.47	21.93 -0.06 -2.62	24.49 -0.07 -1.70	28.84 -0.14 -0.11	24.07 0.00 0.00	23.69 -0.17 0.00	21.25 -0.11 0.00	20.36 -0.16 0.00	21.27 -0.13 0.00	21.19 -0.21 0.00	24.53 -0.32 0.00	28.35 -0.23 0.00	33.51 -0.51 0.00	30.59 -0.47 0.00	25.20 -0.28 0.00	23.61 -0.36 0.00	21.12 -0.41 -0.05	21.78 -0.24 -0.03
ROCKVIEW_13_KV_LD 356306	26.39 0.90 -12.94	23.82 0.87 -10.35	22.47 0.90 -8.59	22.28 0.85 -9.13	21.63 0.88 -7.82	25.68 1.06 -9.95	24.71 1.19 -6.29	32.01 1.47 -11.16	31.94 1.83 -7.25	31.67 2.34 -0.46	25.85 1.78 0.00	25.76 1.91 0.00	22.81 1.45 0.00	21.86 1.33 0.00	23.03 1.63 0.00	22.90 1.50 0.00	26.76 1.89 -0.02	30.61 2.03 0.00	36.57 2.55 0.00	33.45 2.39 0.00	27.41 1.94 0.00	25.84 1.87 0.00	23.25 1.55 -0.22	23.70 1.58 -0.12
ROME____115KV_TB2 80656	14.03 0.39 -1.11	13.79 0.35 -0.83	14.01 0.38 -0.65	13.36 0.34 -0.72	13.87 0.36 -0.58	16.07 0.40 -1.01	18.35 0.48 -0.64	21.05 0.54 -1.13	24.38 0.78 -0.73	29.87 0.95 -0.05	24.89 0.82 0.00	24.50 0.64 0.00	21.89 0.53 0.00	20.99 0.47 0.00	21.94 0.54 0.00	21.96 0.56 0.00	25.55 0.70 0.00	29.47 0.89 0.00	35.15 1.12 0.00	32.05 0.99 0.00	26.22 0.74 0.00	24.64 0.67 0.00	22.06 0.56 -0.02	22.51 0.51 -0.01
ROSETON___1 23587	26.18 0.70 -12.94	23.63 0.68 -10.34	22.27 0.70 -8.59	22.09 0.66 -9.13	21.43 0.68 -7.82	25.43 0.81 -9.95	24.42 0.91 -6.28	31.67 1.14 -11.15	31.54 1.44 -7.24	31.15 1.82 -0.46	25.44 1.37 0.00	25.31 1.46 0.00	22.45 1.09 0.00	21.53 1.01 0.00	22.60 1.20 0.00	22.58 1.18 0.00	26.31 1.44 -0.02	30.15 1.57 0.00	35.99 1.97 0.00	32.79 1.74 0.00	26.98 1.50 0.00	25.41 1.44 0.00	22.90 1.20 -0.22	23.34 1.23 -0.12
ROSETON___2 23588	26.18 0.70 -12.94	23.63 0.68 -10.34	22.27 0.70 -8.59	22.09 0.66 -9.13	21.43 0.68 -7.82	25.43 0.81 -9.95	24.42 0.91 -6.28	31.67 1.14 -11.15	31.54 1.44 -7.24	31.15 1.82 -0.46	25.44 1.37 0.00	25.31 1.46 0.00	22.45 1.09 0.00	21.53 1.01 0.00	22.60 1.20 0.00	22.58 1.18 0.00	26.31 1.44 -0.02	30.15 1.57 0.00	35.99 1.97 0.00	32.79 1.74 0.00	26.98 1.50 0.00	25.41 1.44 0.00	22.90 1.20 -0.22	23.34 1.23 -0.12
ROTTDRAM_115KV_TB3 80664	29.83 0.50 -16.79	26.54 0.52 -13.42	24.66 0.53 -11.15	24.65 0.50 -11.85	23.62 0.54 -10.15	28.17 0.59 -12.91	26.06 0.67 -8.16	34.69 0.83 -14.48	33.29 1.03 -9.40	30.77 1.30 -0.60	25.11 1.04 0.00	24.90 1.05 0.00	22.17 0.81 0.00	21.22 0.70 0.00	22.28 0.88 0.00	22.26 0.86 0.00	25.95 1.07 -0.03	29.81 1.23 0.00	35.45 1.43 0.00	32.36 1.30 0.00	26.57 1.10 0.00	25.00 1.03 0.00	22.69 0.92 -0.29	23.05 0.90 -0.16

RUSSELL___1 23602	15.57 0.04 -2.99	15.10 0.10 -2.39	15.08 0.12 -1.98	14.52 0.12 -2.11	14.87 0.13 -1.81	17.04 0.07 -2.30	18.52 -0.19 -1.47	22.01 0.02 -2.62	24.59 0.02 -1.70	28.95 -0.03 -0.11	24.19 0.12 0.00	23.81 -0.05 0.00	21.34 -0.02 0.00	20.46 -0.06 0.00	21.38 -0.02 0.00	21.30 -0.11 0.00	24.66 -0.20 0.00	28.50 -0.09 0.00	33.72 -0.31 0.00	30.74 -0.31 0.00	25.35 -0.13 0.00	23.73 -0.24 0.00	21.23 -0.30 -0.05	21.87 -0.15 -0.03
RUSSELL___2 23532	15.57 0.04 -2.99	15.10 0.10 -2.39	15.08 0.12 -1.98	14.52 0.12 -2.11	14.87 0.13 -1.81	17.04 0.07 -2.30	18.52 -0.19 -1.47	22.01 0.02 -2.62	24.59 0.02 -1.70	28.95 -0.03 -0.11	24.19 0.12 0.00	23.81 -0.05 0.00	21.34 -0.02 0.00	20.46 -0.06 0.00	21.38 -0.02 0.00	21.30 -0.11 0.00	24.66 -0.20 0.00	28.50 -0.09 0.00	33.72 -0.31 0.00	30.74 -0.31 0.00	25.35 -0.13 0.00	23.73 -0.24 0.00	21.23 -0.30 -0.05	21.87 -0.15 -0.03
RUSSELL___3 23549	15.57 0.04 -2.99	15.10 0.10 -2.39	15.08 0.12 -1.98	14.52 0.12 -2.11	14.87 0.13 -1.81	17.04 0.07 -2.30	18.52 -0.19 -1.47	22.01 0.02 -2.62	24.59 0.02 -1.70	28.95 -0.03 -0.11	24.19 0.12 0.00	23.81 -0.05 0.00	21.34 -0.02 0.00	20.46 -0.06 0.00	21.38 -0.02 0.00	21.30 -0.11 0.00	24.66 -0.20 0.00	28.50 -0.09 0.00	33.72 -0.31 0.00	30.74 -0.31 0.00	25.35 -0.13 0.00	23.73 -0.24 0.00	21.23 -0.30 -0.05	21.87 -0.15 -0.03
RUSSELL___4 23556	15.57 0.04 -2.99	15.10 0.10 -2.39	15.08 0.12 -1.98	14.52 0.12 -2.11	14.87 0.13 -1.81	17.04 0.07 -2.30	18.52 -0.19 -1.47	22.01 0.02 -2.62	24.59 0.02 -1.70	28.95 -0.03 -0.11	24.19 0.12 0.00	23.81 -0.05 0.00	21.34 -0.02 0.00	20.46 -0.06 0.00	21.38 -0.02 0.00	21.30 -0.11 0.00	24.66 -0.20 0.00	28.50 -0.09 0.00	33.72 -0.31 0.00	30.74 -0.31 0.00	25.35 -0.13 0.00	23.73 -0.24 0.00	21.23 -0.30 -0.05	21.87 -0.15 -0.03
RUSSELL___STATION 23914	15.57 0.04 -2.99	15.10 0.10 -2.39	15.08 0.12 -1.98	14.52 0.12 -2.11	14.87 0.13 -1.81	17.04 0.07 -2.30	18.52 -0.19 -1.47	22.01 0.02 -2.62	24.59 0.02 -1.70	28.95 -0.03 -0.11	24.19 0.12 0.00	23.81 -0.05 0.00	21.34 -0.02 0.00	20.46 -0.06 0.00	21.38 -0.02 0.00	21.30 -0.11 0.00	24.66 -0.20 0.00	28.50 -0.09 0.00	33.72 -0.31 0.00	30.74 -0.31 0.00	25.35 -0.13 0.00	23.73 -0.24 0.00	21.23 -0.30 -0.05	21.87 -0.15 -0.03
S SALMON___HYD 24043	13.97 -0.05 -1.48	13.57 -0.06 -1.02	13.66 -0.06 -0.74	13.11 -0.06 -0.88	13.51 -0.06 -0.64	16.17 -0.09 -1.59	18.12 -0.12 -1.01	21.07 -0.10 -1.79	23.87 -0.16 -1.16	28.69 -0.26 -0.07	23.90 -0.17 0.00	23.57 -0.29 0.00	21.04 -0.32 0.00	20.17 -0.35 0.00	21.04 -0.36 0.00	21.08 -0.32 0.00	24.53 -0.32 0.00	28.30 -0.29 0.00	33.72 -0.31 0.00	30.77 -0.28 0.00	25.20 -0.28 0.00	23.71 -0.26 0.00	21.30 -0.21 -0.04	21.79 -0.22 -0.02
S.PERRY___115KV_TB1 80734	16.39 0.24 -3.61	15.80 0.30 -2.89	15.70 0.32 -2.40	15.17 0.33 -2.55	15.48 0.36 -2.18	17.83 0.38 -2.78	19.19 0.19 -1.77	23.10 0.58 -3.14	25.59 0.69 -2.04	29.61 0.61 -0.13	24.82 0.75 0.00	24.31 0.45 0.00	21.76 0.41 0.00	20.85 0.33 0.00	21.83 0.43 0.00	21.79 0.39 0.00	25.33 0.47 -0.01	29.44 0.86 0.00	35.01 0.99 0.00	31.92 0.87 0.00	26.29 0.82 0.00	24.57 0.60 0.00	21.91 0.37 -0.06	22.53 0.51 -0.03
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.62 -0.31 -3.40	15.14 -0.18 -2.71	15.09 -0.14 -2.25	14.59 -0.10 -2.40	14.92 -0.06 -2.05	16.99 -0.29 -2.61	18.16 -0.74 -1.67	21.80 -0.54 -2.97	24.20 -0.59 -1.93	28.07 -0.92 -0.12	23.78 -0.29 0.00	23.38 -0.48 0.00	20.97 -0.38 0.00	20.07 -0.45 0.00	20.97 -0.43 0.00	20.87 -0.54 0.00	24.06 -0.80 -0.01	27.92 -0.66 0.00	32.76 -1.26 0.00	29.94 -1.12 0.00	24.74 -0.74 0.00	23.20 -0.77 0.00	20.68 -0.86 -0.06	21.50 -0.53 -0.03
SAWYER___23_KV_LOAD 55526	15.62 -0.31 -3.40	15.14 -0.18 -2.71	15.09 -0.14 -2.25	14.59 -0.10 -2.40	14.92 -0.06 -2.05	16.99 -0.29 -2.61	18.16 -0.74 -1.67	21.80 -0.54 -2.97	24.20 -0.59 -1.93	28.07 -0.92 -0.12	23.78 -0.29 0.00	23.38 -0.48 0.00	20.97 -0.38 0.00	20.07 -0.45 0.00	20.97 -0.43 0.00	20.87 -0.54 0.00	24.06 -0.80 -0.01	27.92 -0.66 0.00	32.76 -1.26 0.00	29.94 -1.12 0.00	24.74 -0.74 0.00	23.20 -0.77 0.00	20.68 -0.86 -0.06	21.50 -0.53 -0.03
SELKIRK___I 23801	28.81 0.50 -15.77	25.73 0.52 -12.60	23.99 0.55 -10.47	23.94 0.52 -11.13	23.01 0.56 -9.53	27.40 0.60 -12.13	25.57 0.67 -7.67	33.82 0.83 -13.61	32.64 0.94 -8.84	30.59 1.16 -0.56	25.01 0.94 0.00	24.78 0.93 0.00	22.06 0.70 0.00	21.16 0.64 0.00	22.15 0.75 0.00	22.22 0.81 0.00	25.90 1.02 -0.02	29.73 1.14 0.00	35.31 1.29 0.00	32.17 1.12 0.00	26.50 1.02 0.00	24.95 0.98 0.00	22.61 0.86 -0.27	22.95 0.81 -0.15
SELKIRK___II 23799	28.94 0.44 -15.96	25.81 0.45 -12.75	24.04 0.47 -10.59	24.00 0.44 -11.26	23.05 0.48 -9.64	27.45 0.51 -12.27	25.58 0.59 -7.76	33.89 0.74 -13.78	32.63 0.82 -8.94	30.45 1.01 -0.57	24.86 0.79 0.00	24.69 0.83 0.00	21.98 0.62 0.00	21.08 0.55 0.00	22.09 0.68 0.00	22.11 0.71 0.00	25.77 0.89 -0.03	29.58 1.00 0.00	35.18 1.16 0.00	32.05 0.99 0.00	26.39 0.92 0.00	24.83 0.86 0.00	22.50 0.75 -0.27	22.86 0.72 -0.15
SENECA OSWGO___HYD 24041	14.76 -0.10 -2.32	14.37 -0.09 -1.85	14.43 -0.09 -1.54	13.84 -0.09 -1.64	14.24 -0.09 -1.40	16.33 -0.12 -1.78	18.17 -0.19 -1.13	21.24 -0.13 -2.00	23.93 -0.23 -1.30	28.61 -0.35 -0.08	23.83 -0.24 0.00	23.57 -0.29 0.00	21.04 -0.32 0.00	20.22 -0.31 0.00	21.10 -0.30 0.00	21.10 -0.30 0.00	24.53 -0.32 0.00	28.21 -0.37 0.00	33.58 -0.44 0.00	30.65 -0.40 0.00	25.15 -0.33 0.00	23.63 -0.34 0.00	21.20 -0.32 -0.04	21.75 -0.26 -0.02
SENECA___115KV_TB3 355854	15.72 -0.29 -3.47	15.21 -0.16 -2.77	15.16 -0.12 -2.30	14.67 -0.07 -2.45	14.99 -0.04 -2.09	17.10 -0.23 -2.67	18.28 -0.65 -1.70	22.00 -0.41 -3.03	24.44 -0.39 -1.96	28.33 -0.66 -0.12	24.14 0.07 0.00	23.74 -0.12 0.00	21.29 -0.06 0.00	20.36 -0.16 0.00	21.30 -0.11 0.00	21.17 -0.24 0.00	24.43 -0.42 -0.01	28.33 -0.26 0.00	33.34 -0.68 0.00	30.43 -0.62 0.00	25.12 -0.36 0.00	23.56 -0.41 0.00	20.98 -0.56 -0.06	21.80 -0.22 -0.03
SENECA___ENERGY 23797	15.54 -0.01 -3.01	15.03 0.01 -2.41	14.99 0.01 -2.00	14.44 0.02 -2.13	14.78 0.03 -1.82	16.99 0.00 -2.32	18.61 -0.09 -1.47	22.06 0.08 -2.60	24.60 0.05 -1.69	28.95 -0.03 -0.11	24.17 0.10 0.00	23.83 -0.02 0.00	21.29 -0.06 0.00	20.44 -0.08 0.00	21.36 -0.04 0.00	21.36 -0.04 0.00	24.86 0.00 0.00	28.67 0.09 0.00	33.95 -0.07 0.00	31.12 0.06 0.00	25.48 0.00 0.00	23.90 -0.07 0.00	21.38 -0.15 -0.05	21.93 -0.09 -0.03
SHOEMAKER___GT 23640	24.85 0.63 -11.68	22.54 0.59 -9.34	21.36 0.62 -7.76	21.12 0.58 -8.25	20.60 0.61 -7.06	24.36 0.70 -8.98	23.68 0.78 -5.67	30.41 0.97 -10.07	30.61 1.21 -6.53	30.82 1.53 -0.42	25.23 1.16 0.00	25.07 1.22 0.00	22.26 0.90 0.00	21.34 0.82 0.00	22.41 1.01 0.00	22.39 0.99 0.00	26.09 1.22 -0.02	29.93 1.34 0.00	35.72 1.70 0.00	32.58 1.52 0.00	26.78 1.30 0.00	25.22 1.25 0.00	22.69 1.01 -0.20	23.13 1.03 -0.11

SHOEMAKR_138KV_BK 111 55601	24.76 0.63 -11.59	22.48 0.61 -9.27	21.30 0.62 -7.70	21.05 0.58 -8.18	20.54 0.61 -7.01	24.29 0.70 -8.91	23.66 0.79 -5.63	30.34 0.97 -10.00	30.59 1.23 -6.49	30.82 1.53 -0.41	25.23 1.16 0.00	25.07 1.22 0.00	22.28 0.92 0.00	21.36 0.84 0.00	22.47 1.07 0.00	22.37 0.96 0.00	26.11 1.24 -0.02	29.95 1.37 0.00	35.72 1.70 0.00	32.64 1.58 0.00	26.78 1.30 0.00	25.22 1.25 0.00	22.69 1.01 -0.20	23.13 1.03 -0.11
SHOREHAM_IC_1 23715	27.03 1.35 -13.14	24.28 1.32 -10.35	22.88 1.31 -8.59	22.65 1.23 -9.13	22.00 1.25 -7.82	26.08 1.47 -9.95	33.89 1.64 -15.02	38.74 1.98 -17.39	34.99 2.63 -9.50	32.50 3.03 -0.59	28.47 2.36 -2.04	26.22 2.34 -0.02	23.22 1.86 -0.01	22.33 1.81 0.00	23.73 2.03 -0.29	24.37 2.08 -0.89	27.54 2.66 -0.03	33.59 3.00 -2.01	37.54 3.51 -0.01	35.51 3.08 -1.38	34.27 2.62 -6.17	31.63 2.57 -5.09	27.90 2.11 -4.31	24.23 2.11 -0.13
SHOREHAM_IC_2 23716	27.03 1.35 -13.14	24.28 1.32 -10.35	22.88 1.31 -8.59	22.65 1.23 -9.13	22.00 1.25 -7.82	26.08 1.47 -9.95	33.89 1.64 -15.02	38.74 1.98 -17.39	34.99 2.63 -9.50	32.50 3.03 -0.59	28.47 2.36 -2.04	26.22 2.34 -0.02	23.22 1.86 -0.01	22.33 1.81 0.00	23.73 2.03 -0.29	24.37 2.08 -0.89	27.54 2.66 -0.03	33.59 3.00 -2.01	37.54 3.51 -0.01	35.51 3.08 -1.38	34.27 2.62 -6.17	31.63 2.57 -5.09	27.90 2.11 -4.31	24.23 2.11 -0.13
SISSONVILLE____ 23735	8.00 -0.26 4.27	7.43 -0.29 4.89	7.72 -0.31 4.95	7.70 -0.30 4.30	6.27 -0.32 6.34	14.64 -0.34 -0.31	17.14 -0.29 -0.20	19.16 -0.56 -0.35	22.50 -0.59 -0.23	28.22 -0.66 -0.01	23.71 -0.36 0.00	23.57 -0.29 0.00	21.21 -0.15 0.00	20.46 -0.06 0.00	21.19 -0.21 0.00	21.27 -0.13 0.00	24.58 -0.27 0.00	28.10 -0.49 0.00	33.44 -0.58 0.00	30.62 -0.43 0.00	24.97 -0.51 0.00	23.71 -0.26 0.00	21.42 -0.06 -0.01	21.80 -0.20 0.00
SITHE_IND_GS1 24169	14.35 -0.24 -2.05	14.02 -0.23 -1.64	14.11 -0.23 -1.36	13.52 -0.22 -1.44	13.93 -0.23 -1.24	15.96 -0.28 -1.57	17.85 -0.38 -0.99	20.75 -0.39 -1.76	23.46 -0.55 -1.14	28.23 -0.72 -0.07	23.49 -0.58 0.00	23.26 -0.60 0.00	20.80 -0.56 0.00	19.97 -0.55 0.00	20.85 -0.56 0.00	20.85 -0.56 0.00	24.21 -0.65 0.00	27.84 -0.74 0.00	33.11 -0.92 0.00	30.25 -0.81 0.00	24.81 -0.66 0.00	23.32 -0.65 0.00	20.95 -0.56 -0.03	21.53 -0.48 -0.02
SITHE_IND_GS2 24170	14.35 -0.24 -2.05	14.02 -0.23 -1.64	14.11 -0.23 -1.36	13.52 -0.22 -1.44	13.93 -0.23 -1.24	15.96 -0.28 -1.57	17.85 -0.38 -0.99	20.75 -0.39 -1.76	23.46 -0.55 -1.14	28.23 -0.72 -0.07	23.49 -0.58 0.00	23.26 -0.60 0.00	20.80 -0.56 0.00	19.97 -0.55 0.00	20.85 -0.56 0.00	20.85 -0.56 0.00	24.21 -0.65 0.00	27.84 -0.74 0.00	33.11 -0.92 0.00	30.25 -0.81 0.00	24.81 -0.66 0.00	23.32 -0.65 0.00	20.95 -0.56 -0.03	21.53 -0.48 -0.02
SITHE_IND_GS3 24171	14.35 -0.24 -2.05	14.02 -0.23 -1.64	14.11 -0.23 -1.36	13.52 -0.22 -1.44	13.93 -0.23 -1.24	15.96 -0.28 -1.57	17.85 -0.38 -0.99	20.75 -0.39 -1.76	23.46 -0.55 -1.14	28.23 -0.72 -0.07	23.49 -0.58 0.00	23.26 -0.60 0.00	20.80 -0.56 0.00	19.97 -0.55 0.00	20.85 -0.56 0.00	20.85 -0.56 0.00	24.21 -0.65 0.00	27.84 -0.74 0.00	33.11 -0.92 0.00	30.25 -0.81 0.00	24.81 -0.66 0.00	23.32 -0.65 0.00	20.95 -0.56 -0.03	21.53 -0.48 -0.02
SITHE_IND_GS4 24172	14.35 -0.24 -2.05	14.02 -0.23 -1.64	14.11 -0.23 -1.36	13.52 -0.22 -1.44	13.93 -0.23 -1.24	15.96 -0.28 -1.57	17.85 -0.38 -0.99	20.75 -0.39 -1.76	23.46 -0.55 -1.14	28.23 -0.72 -0.07	23.49 -0.58 0.00	23.26 -0.60 0.00	20.80 -0.56 0.00	19.97 -0.55 0.00	20.85 -0.56 0.00	20.85 -0.56 0.00	24.21 -0.65 0.00	27.84 -0.74 0.00	33.11 -0.92 0.00	30.25 -0.81 0.00	24.81 -0.66 0.00	23.32 -0.65 0.00	20.95 -0.56 -0.03	21.53 -0.48 -0.02
SITHE____BATAVIA 24024	15.69 -0.05 -3.20	15.21 0.05 -2.55	15.18 0.08 -2.12	14.66 0.11 -2.26	14.99 0.13 -1.93	17.13 0.00 -2.46	18.42 -0.38 -1.57	22.09 -0.08 -2.79	24.59 -0.09 -1.81	28.73 -0.26 -0.12	24.22 0.15 0.00	23.78 -0.07 0.00	21.29 -0.06 0.00	20.40 -0.12 0.00	21.30 -0.11 0.00	21.23 -0.17 0.00	24.61 -0.25 -0.01	28.55 -0.03 0.00	33.62 -0.41 0.00	31.18 0.12 0.00	25.27 -0.20 0.00	23.66 -0.31 0.00	21.08 -0.45 -0.06	21.82 -0.20 -0.03
SITHE____INDEPEND 23800	14.35 -0.24 -2.05	14.02 -0.23 -1.64	14.11 -0.23 -1.36	13.51 -0.22 -1.44	13.93 -0.23 -1.24	15.96 -0.28 -1.57	17.85 -0.38 -0.99	20.73 -0.41 -1.76	23.46 -0.55 -1.14	28.22 -0.72 -0.07	23.49 -0.58 0.00	23.23 -0.62 0.00	20.80 -0.56 0.00	19.97 -0.55 0.00	20.87 -0.54 0.00	20.83 -0.58 0.00	24.18 -0.67 0.00	27.84 -0.74 0.00	33.10 -0.92 0.00	30.18 -0.87 0.00	24.81 -0.66 0.00	23.32 -0.65 0.00	20.98 -0.54 -0.03	21.53 -0.48 -0.02
SITHE____MASSENA 23902	4.94 -0.19 7.41	4.43 -0.20 7.97	4.74 -0.22 8.02	4.81 -0.21 7.28	4.71 -0.23 7.99	14.42 -0.25 0.00	17.08 -0.16 0.00	19.07 -0.31 0.00	22.52 -0.34 0.00	28.47 -0.40 0.00	23.81 -0.26 0.00	23.62 -0.24 0.00	21.27 -0.09 0.00	20.50 -0.02 0.00	21.28 -0.13 0.00	21.30 -0.11 0.00	24.65 -0.20 0.00	28.38 -0.20 0.00	33.79 -0.24 0.00	30.90 -0.15 0.00	25.25 -0.23 0.00	23.80 -0.17 0.00	21.39 -0.09 0.00	21.84 -0.15 0.00
SITHE____OGDNSBRG 24021	7.05 -0.08 5.42	6.47 -0.11 6.03	6.76 -0.13 6.09	6.75 -0.14 5.41	5.84 -0.16 6.93	14.75 -0.16 -0.25	17.35 -0.03 -0.16	19.40 -0.25 -0.28	22.84 -0.21 -0.18	28.68 -0.20 -0.01	24.02 -0.05 0.00	23.78 -0.07 0.00	21.40 0.04 0.00	20.65 0.12 0.00	21.36 -0.04 0.00	21.47 0.06 0.00	24.85 0.00 0.00	28.58 0.00 0.00	34.06 0.03 0.00	31.18 0.12 0.00	25.43 -0.05 0.00	23.99 0.02 0.00	21.61 0.13 -0.01	21.97 -0.02 0.00
SITHE____STERLING 23777	14.39 0.34 -1.51	14.13 0.32 -1.21	14.31 0.32 -1.00	13.66 0.31 -1.06	14.16 0.32 -0.91	16.18 0.35 -1.16	18.38 0.41 -0.73	21.18 0.50 -1.30	24.39 0.69 -0.84	29.73 0.81 -0.05	24.79 0.72 0.00	24.43 0.57 0.00	21.81 0.45 0.00	20.93 0.41 0.00	21.87 0.47 0.00	21.87 0.47 0.00	25.45 0.60 0.00	29.32 0.74 0.00	34.94 0.92 0.00	31.89 0.84 0.00	26.09 0.61 0.00	24.52 0.55 0.00	21.96 0.45 -0.03	22.44 0.44 -0.01
SLEIGHT__34_KV_TB1 80719	15.40 -0.08 -2.94	14.92 -0.04 -2.35	14.89 -0.04 -1.95	14.34 -0.02 -2.07	14.68 -0.03 -1.77	16.85 -0.07 -2.26	18.42 -0.24 -1.43	21.80 -0.12 -2.54	24.38 -0.14 -1.65	28.75 -0.23 -0.10	24.00 -0.07 0.00	23.64 -0.21 0.00	21.14 -0.21 0.00	20.28 -0.25 0.00	21.19 -0.21 0.00	21.15 -0.26 0.00	24.53 -0.32 0.00	28.30 -0.29 0.00	33.58 -0.44 0.00	30.59 -0.47 0.00	25.17 -0.31 0.00	23.59 -0.38 0.00	21.12 -0.41 -0.05	21.67 -0.35 -0.03
SOUTH CAIRO____GT 23612	28.41 0.71 -15.16	25.43 0.71 -12.11	23.77 0.73 -10.06	23.68 0.69 -10.70	22.82 0.74 -9.16	27.10 0.78 -11.65	25.44 0.84 -7.37	33.50 1.05 -13.08	32.54 1.19 -8.49	30.80 1.39 -0.54	25.32 1.25 0.00	25.05 1.19 0.00	22.26 0.90 0.00	21.28 0.76 0.00	22.37 0.96 0.00	22.47 1.07 0.00	26.24 1.37 -0.02	30.33 1.74 0.00	36.03 2.01 0.00	32.85 1.80 0.00	27.08 1.61 0.00	25.46 1.49 0.00	22.96 1.22 -0.26	23.32 1.19 -0.14

SOUTH HAMPTN___IC 23720	27.18 1.50 -13.14	24.43 1.47 -10.35	23.04 1.47 -8.59	22.79 1.36 -9.13	22.16 1.41 -7.82	26.25 1.63 -9.95	34.08 1.83 -15.02	38.98 2.21 -17.39	35.32 2.95 -9.50	32.93 3.46 -0.59	28.85 2.74 -2.04	26.62 2.74 -0.02	23.55 2.18 -0.01	22.62 2.09 0.00	24.05 2.35 -0.29	24.67 2.38 -0.89	27.86 2.98 -0.03	33.99 3.40 -2.01	38.11 4.08 -0.01	36.04 3.60 -1.38	34.68 3.03 -6.17	31.99 2.92 -5.09	28.22 2.43 -4.31	24.54 2.42 -0.13
SOUTHDOW_115KV_TB1 355954	15.89 -0.25 -3.60	15.38 -0.10 -2.87	15.33 -0.04 -2.39	14.87 0.04 -2.54	15.23 0.13 -2.17	17.45 0.01 -2.76	18.67 -0.33 -1.77	22.63 0.12 -3.14	25.27 0.37 -2.04	29.38 0.38 -0.13	25.25 1.18 0.00	24.83 0.98 0.00	22.23 0.88 0.00	21.22 0.70 0.00	22.19 0.79 0.00	22.05 0.64 0.00	25.48 0.62 -0.01	29.55 0.97 0.00	34.91 0.88 0.00	31.86 0.81 0.00	26.19 0.71 0.00	24.55 0.58 0.00	21.80 0.26 -0.06	22.53 0.51 -0.03
SOUTHOLD_69_KV_BK 2 55809	27.36 1.69 -13.13	24.63 1.68 -10.34	23.23 1.66 -8.59	22.98 1.56 -9.13	22.35 1.60 -7.82	26.47 1.85 -9.95	34.29 2.03 -15.02	39.27 2.50 -17.40	35.73 3.36 -9.50	33.44 3.98 -0.58	29.28 3.18 -2.03	27.04 3.17 -0.01	23.94 2.58 0.00	22.94 2.42 0.00	24.47 2.78 -0.28	25.01 2.72 -0.88	28.28 3.40 -0.02	34.55 3.97 -2.00	38.82 4.80 0.00	36.78 4.35 -1.37	35.18 3.54 -6.16	32.36 3.31 -5.09	28.58 2.79 -4.30	24.90 2.79 -0.12
SOUTHOLD___IC 23719	27.37 1.69 -13.14	24.63 1.68 -10.35	23.23 1.66 -8.59	22.99 1.56 -9.13	22.35 1.60 -7.82	26.47 1.85 -9.95	34.32 2.07 -15.02	39.29 2.52 -17.39	35.73 3.36 -9.50	33.45 3.99 -0.59	29.31 3.20 -2.04	27.05 3.17 -0.02	23.93 2.56 -0.01	22.96 2.44 0.00	24.43 2.74 -0.29	25.04 2.74 -0.89	28.29 3.40 -0.03	34.53 3.95 -2.01	38.83 4.80 -0.01	36.72 4.29 -1.38	35.19 3.54 -6.17	32.44 3.38 -5.09	28.60 2.81 -4.31	24.91 2.79 -0.13
SOUTH_FORK_WT_PWR 323839	27.40 1.73 -13.13	24.66 1.71 -10.34	23.26 1.69 -8.59	23.01 1.59 -9.13	22.38 1.63 -7.82	26.49 1.88 -9.95	34.32 2.07 -15.02	39.31 2.54 -17.40	35.77 3.41 -9.50	33.50 4.04 -0.58	29.32 3.23 -2.03	27.09 3.22 -0.01	23.99 2.63 0.00	22.99 2.46 0.00	24.51 2.83 -0.28	25.05 2.76 -0.88	28.33 3.45 -0.02	34.61 4.03 -2.00	38.89 4.87 0.00	36.84 4.41 -1.37	35.26 3.62 -6.16	32.41 3.36 -5.09	28.62 2.84 -4.30	24.95 2.84 -0.12
SPIERFLS_115KV_TB 1 80737	29.98 0.83 -16.61	26.73 0.84 -13.28	24.88 0.87 -11.03	24.85 0.84 -11.72	23.87 0.91 -10.04	28.42 0.98 -12.77	26.42 1.12 -8.07	35.00 1.30 -14.32	33.86 1.69 -9.30	31.66 2.19 -0.59	25.83 1.76 0.00	25.69 1.84 0.00	22.79 1.43 0.00	21.57 1.05 0.00	22.64 1.24 0.00	22.60 1.20 0.00	26.27 1.39 -0.03	30.24 1.66 0.00	35.83 1.80 0.00	32.67 1.61 0.00	26.90 1.43 0.00	25.31 1.34 0.00	23.09 1.33 -0.28	23.62 1.47 -0.16
ST LAWRENCE___ 23600	4.22 -0.31 8.00	3.71 -0.33 8.57	4.00 -0.35 8.63	4.10 -0.33 7.86	4.30 -0.35 8.28	14.30 -0.37 0.00	16.90 -0.33 0.00	18.89 -0.48 0.00	22.32 -0.55 0.00	28.24 -0.64 0.00	23.56 -0.51 0.00	23.38 -0.48 0.00	21.08 -0.28 0.00	20.30 -0.23 0.00	21.06 -0.34 0.00	21.08 -0.32 0.00	24.43 -0.42 0.00	28.10 -0.49 0.00	33.44 -0.58 0.00	30.56 -0.50 0.00	25.02 -0.46 0.00	23.56 -0.41 0.00	21.16 -0.32 0.00	21.62 -0.37 0.00
STATE_CA_115KV_115_LB 55624	29.24 0.49 -16.21	26.08 0.52 -12.95	24.27 0.53 -10.76	24.25 0.52 -11.44	23.27 0.54 -9.79	27.72 0.59 -12.46	25.79 0.69 -7.87	34.19 0.83 -13.98	32.85 0.91 -9.07	30.58 1.13 -0.58	24.96 0.89 0.00	24.76 0.91 0.00	22.06 0.70 0.00	21.14 0.62 0.00	22.19 0.79 0.00	22.17 0.77 0.00	25.87 0.99 -0.03	29.73 1.14 0.00	35.28 1.26 0.00	32.20 1.15 0.00	26.47 0.99 0.00	24.91 0.93 0.00	22.59 0.84 -0.28	22.91 0.77 -0.15
STATE_ST_34_KV_LOAD 55959	15.65 0.13 -2.98	15.13 0.14 -2.38	15.10 0.14 -1.98	14.53 0.14 -2.10	14.87 0.14 -1.80	17.12 0.16 -2.29	18.80 0.12 -1.45	22.20 0.25 -2.57	24.81 0.27 -1.67	29.27 0.29 -0.11	24.41 0.34 0.00	24.09 0.24 0.00	21.53 0.17 0.00	20.65 0.12 0.00	21.57 0.17 0.00	21.55 0.15 0.00	25.08 0.22 0.00	28.90 0.31 0.00	34.40 0.37 0.00	31.30 0.25 0.00	25.73 0.25 0.00	24.14 0.17 0.00	21.62 0.09 -0.05	22.15 0.13 -0.03
STATION 5_MISC_HYD 23604	15.52 -0.01 -2.99	15.06 0.06 -2.39	15.03 0.07 -1.98	14.49 0.09 -2.11	14.83 0.09 -1.81	16.98 0.01 -2.30	18.46 -0.24 -1.47	21.97 -0.02 -2.61	24.49 -0.07 -1.70	28.81 -0.17 -0.11	24.07 0.00 0.00	23.69 -0.17 0.00	21.23 -0.13 0.00	20.36 -0.16 0.00	21.28 -0.13 0.00	21.21 -0.19 0.00	24.58 -0.27 0.00	28.41 -0.17 0.00	33.55 -0.48 0.00	30.96 -0.09 0.00	25.20 -0.28 0.00	23.61 -0.36 0.00	21.10 -0.43 -0.05	21.76 -0.26 -0.03
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	15.59 0.08 -2.97	15.10 0.11 -2.38	15.07 0.12 -1.97	14.51 0.12 -2.10	14.86 0.13 -1.80	17.06 0.10 -2.29	18.63 -0.05 -1.45	22.09 0.14 -2.58	24.70 0.16 -1.67	29.15 0.17 -0.11	24.34 0.26 0.00	23.97 0.12 0.00	21.44 0.09 0.00	20.56 0.04 0.00	21.51 0.11 0.00	21.45 0.04 0.00	24.88 0.02 0.00	28.73 0.14 0.00	34.06 0.03 0.00	31.05 0.00 0.00	25.55 0.08 0.00	23.92 -0.05 0.00	21.40 -0.13 -0.05	21.98 -0.04 -0.03
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.44 -0.08 -2.98	14.97 -0.01 -2.38	14.94 -0.01 -1.98	14.41 0.01 -2.10	14.74 0.01 -1.80	16.90 -0.06 -2.29	18.37 -0.33 -1.46	21.81 -0.16 -2.59	24.37 -0.18 -1.68	28.69 -0.29 -0.11	23.95 -0.12 0.00	23.59 -0.26 0.00	21.12 -0.23 0.00	20.26 -0.27 0.00	21.17 -0.24 0.00	21.10 -0.30 0.00	24.43 -0.42 0.00	28.24 -0.34 0.00	33.41 -0.61 0.00	30.46 -0.59 0.00	25.09 -0.38 0.00	23.52 -0.46 0.00	21.04 -0.49 -0.05	21.65 -0.37 -0.03
STA_56___34_KV_BUS2 355983	15.44 -0.08 -2.98	14.97 -0.01 -2.38	14.94 -0.01 -1.98	14.41 0.01 -2.10	14.74 0.01 -1.80	16.90 -0.06 -2.29	18.37 -0.33 -1.46	21.81 -0.16 -2.59	24.37 -0.18 -1.68	28.69 -0.29 -0.11	23.95 -0.12 0.00	23.59 -0.26 0.00	21.12 -0.23 0.00	20.26 -0.27 0.00	21.17 -0.24 0.00	21.10 -0.30 0.00	24.43 -0.42 0.00	28.24 -0.34 0.00	33.41 -0.61 0.00	30.46 -0.59 0.00	25.09 -0.38 0.00	23.52 -0.46 0.00	21.04 -0.49 -0.05	21.65 -0.37 -0.03
STA_67___115KV_BK2 355882	15.50 -0.03 -2.99	15.03 0.04 -2.39	15.02 0.05 -1.98	14.47 0.07 -2.11	14.81 0.08 -1.81	16.97 0.00 -2.30	18.43 -0.28 -1.47	21.89 -0.10 -2.61	24.47 -0.09 -1.70	28.78 -0.20 -0.11	24.02 -0.05 0.00	23.64 -0.21 0.00	21.19 -0.17 0.00	20.32 -0.21 0.00	21.23 -0.17 0.00	21.15 -0.26 0.00	24.48 -0.37 0.00	28.30 -0.29 0.00	33.44 -0.58 0.00	30.50 -0.56 0.00	25.15 -0.33 0.00	23.56 -0.41 0.00	21.08 -0.45 -0.05	21.73 -0.29 -0.03
STA_7___115KV_9TRANS 80674	15.57 0.04 -2.99	15.10 0.10 -2.39	15.08 0.12 -1.98	14.52 0.12 -2.11	14.87 0.13 -1.81	17.04 0.07 -2.30	18.52 -0.19 -1.47	22.01 0.02 -2.62	24.59 0.02 -1.70	28.95 -0.03 -0.11	24.19 0.12 0.00	23.81 -0.05 0.00	21.34 -0.02 0.00	20.46 -0.06 0.00	21.38 -0.02 0.00	21.30 -0.11 0.00	24.66 -0.20 0.00	28.50 -0.09 0.00	33.72 -0.31 0.00	30.74 -0.31 0.00	25.35 -0.13 0.00	23.73 -0.24 0.00	21.23 -0.30 -0.05	21.87 -0.15 -0.03

STA_82___115KV_TB1 80780	15.51 -0.03 -2.99	15.05 0.05 -2.39	15.02 0.05 -1.99	14.48 0.07 -2.11	14.82 0.08 -1.81	16.97 0.00 -2.30	18.45 -0.26 -1.48	21.92 -0.08 -2.62	24.47 -0.09 -1.70	28.78 -0.20 -0.11	24.05 -0.02 0.00	23.64 -0.21 0.00	21.21 -0.15 0.00	20.32 -0.21 0.00	21.25 -0.15 0.00	21.17 -0.24 0.00	24.48 -0.37 0.00	28.33 -0.26 0.00	33.44 -0.58 0.00	30.53 -0.53 0.00	25.17 -0.31 0.00	23.56 -0.41 0.00	21.10 -0.43 -0.05	21.73 -0.29 -0.03
STEEL___WIND 323596	15.72 -0.29 -3.47	15.21 -0.16 -2.77	15.15 -0.13 -2.30	14.65 -0.09 -2.45	14.99 -0.04 -2.09	17.08 -0.25 -2.67	18.26 -0.67 -1.70	22.03 -0.37 -3.03	24.42 -0.41 -1.96	28.28 -0.72 -0.12	24.12 0.05 0.00	23.74 -0.12 0.00	21.27 -0.09 0.00	20.34 -0.19 0.00	21.25 -0.15 0.00	21.17 -0.23 0.00	24.46 -0.40 -0.01	28.38 -0.20 0.00	33.34 -0.68 0.00	30.93 -0.12 0.00	25.10 -0.38 0.00	23.54 -0.43 0.00	20.98 -0.56 -0.06	21.85 -0.18 -0.03
STEPHTWN_115KV_BK_2 55603	29.13 0.56 -16.03	26.01 0.59 -12.81	24.23 0.61 -10.64	24.18 0.58 -11.31	23.24 0.62 -9.68	27.67 0.67 -12.32	25.81 0.79 -7.79	34.17 0.97 -13.82	32.93 1.10 -8.97	30.77 1.33 -0.57	25.13 1.06 0.00	24.93 1.07 0.00	22.19 0.83 0.00	21.24 0.72 0.00	22.32 0.92 0.00	22.30 0.90 0.00	26.05 1.17 -0.03	29.93 1.34 0.00	35.55 1.53 0.00	32.45 1.40 0.00	26.67 1.20 0.00	25.12 1.15 0.00	22.76 1.01 -0.27	23.04 0.90 -0.15
STEBEN_REC_LFGE 323667	16.66 -0.06 -4.18	15.97 0.03 -3.34	15.82 0.06 -2.78	15.35 0.11 -2.95	15.62 0.17 -2.53	18.06 0.18 -3.21	19.31 0.03 -2.04	23.45 0.45 -3.62	25.81 0.59 -2.35	29.60 0.58 -0.15	25.01 0.94 0.00	24.59 0.74 0.00	21.98 0.62 0.00	21.02 0.49 0.00	22.02 0.62 0.00	21.94 0.54 0.00	25.45 0.60 -0.01	29.47 0.89 0.00	34.87 0.85 0.00	31.77 0.71 0.00	26.19 0.71 0.00	24.55 0.58 0.00	21.83 0.28 -0.07	22.49 0.46 -0.04
STILLWATER___SOLAR 323814	29.76 0.70 -16.52	26.53 0.72 -13.20	24.69 0.74 -10.97	24.65 0.70 -11.66	23.67 0.76 -9.98	28.21 0.84 -12.70	26.19 0.93 -8.03	34.75 1.12 -14.25	33.53 1.42 -9.25	31.25 1.79 -0.59	25.52 1.44 0.00	25.33 1.48 0.00	22.51 1.15 0.00	21.47 0.94 0.00	22.54 1.13 0.00	22.54 1.13 0.00	26.29 1.42 -0.03	30.24 1.66 0.00	35.86 1.84 0.00	32.70 1.65 0.00	26.90 1.43 0.00	25.31 1.34 0.00	22.98 1.22 -0.28	23.38 1.23 -0.15
STONY___BROOK 24151	26.98 1.30 -13.14	24.23 1.27 -10.35	22.83 1.26 -8.59	22.60 1.18 -9.13	21.96 1.22 -7.82	26.04 1.42 -9.95	33.86 1.60 -15.02	38.71 1.94 -17.39	34.95 2.58 -9.50	32.61 3.15 -0.59	28.61 2.50 -2.04	26.41 2.53 -0.02	23.37 2.01 -0.01	22.43 1.91 0.00	23.88 2.18 -0.29	24.46 2.16 -0.89	27.54 2.66 -0.03	33.59 3.00 -2.01	37.67 3.64 -0.01	35.70 3.26 -1.38	34.37 2.73 -6.17	31.68 2.61 -5.09	27.98 2.19 -4.31	24.30 2.18 -0.13
STURGEON_POOL_HYD 23609	26.46 0.65 -13.27	23.81 0.59 -10.61	22.41 0.62 -8.81	22.24 0.58 -9.37	21.54 0.59 -8.02	25.58 0.70 -10.20	24.47 0.79 -6.45	31.83 1.01 -11.45	31.62 1.33 -7.43	30.99 1.65 -0.47	25.47 1.40 0.00	25.33 1.48 0.00	22.47 1.11 0.00	21.55 1.03 0.00	22.71 1.31 0.00	22.58 1.18 0.00	26.36 1.49 -0.02	30.24 1.66 0.00	36.10 2.08 0.00	33.01 1.96 0.00	27.08 1.61 0.00	25.50 1.53 0.00	22.95 1.25 -0.23	23.41 1.30 -0.12
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.24 0.71 -11.99	22.87 0.68 -9.58	21.64 0.70 -7.96	21.40 0.65 -8.46	20.86 0.69 -7.24	24.69 0.81 -9.22	23.95 0.90 -5.82	30.84 1.12 -10.34	30.97 1.39 -6.71	31.06 1.76 -0.43	25.39 1.32 0.00	25.26 1.41 0.00	22.43 1.07 0.00	21.49 0.96 0.00	22.62 1.22 0.00	22.52 1.11 0.00	26.29 1.42 -0.02	30.13 1.54 0.00	35.96 1.94 0.00	32.86 1.80 0.00	26.95 1.48 0.00	25.38 1.41 0.00	22.84 1.16 -0.20	23.29 1.19 -0.11
SWANROAD_115KV_TB1 355699	15.36 -0.50 -3.32	14.90 -0.37 -2.66	14.86 -0.32 -2.21	14.35 -0.28 -2.35	14.68 -0.26 -2.01	16.70 -0.53 -2.56	17.83 -1.03 -1.63	21.35 -0.93 -2.90	23.72 -1.03 -1.89	27.49 -1.50 -0.12	23.23 -0.84 0.00	22.81 -1.05 0.00	20.50 -0.85 0.00	19.60 -0.92 0.00	20.48 -0.92 0.00	20.38 -1.03 0.00	23.49 -1.37 -0.01	27.27 -1.31 0.00	31.98 -2.04 0.00	29.22 -1.83 0.00	24.15 -1.32 0.00	22.65 -1.32 0.00	20.23 -1.31 -0.06	21.03 -0.99 -0.03
SYNERGY___BIOGAS 323694	15.69 -0.05 -3.20	15.21 0.05 -2.55	15.18 0.08 -2.12	14.66 0.11 -2.26	14.99 0.13 -1.93	17.13 0.00 -2.46	18.42 -0.38 -1.57	22.09 -0.08 -2.79	24.59 -0.09 -1.81	28.73 -0.26 -0.12	24.22 0.15 0.00	23.78 -0.07 0.00	21.29 -0.06 0.00	20.40 -0.12 0.00	21.30 -0.11 0.00	21.23 -0.17 0.00	24.61 -0.25 -0.01	28.55 -0.03 0.00	33.62 -0.41 0.00	31.18 0.12 0.00	25.27 -0.20 0.00	23.66 -0.31 0.00	21.08 -0.45 -0.06	21.82 -0.20 -0.03
SYRACUSE___ENERGY_ST1 323597	15.24 0.05 -2.65	14.79 0.06 -2.12	14.80 0.06 -1.76	14.22 0.06 -1.87	14.59 0.06 -1.60	16.76 0.06 -2.04	18.54 0.02 -1.29	21.76 0.10 -2.29	24.42 0.07 -1.48	29.00 0.03 -0.09	24.17 0.10 0.00	23.88 0.02 0.00	21.36 0.00 0.00	20.48 -0.04 0.00	21.42 0.02 0.00	21.38 -0.02 0.00	24.86 0.00 0.00	28.58 0.00 0.00	34.02 0.00 0.00	30.99 -0.06 0.00	25.48 0.00 0.00	23.95 -0.02 0.00	21.48 -0.04 -0.05	22.02 0.00 -0.02
SYRACUSE___ENERGY_ST2 323598	15.24 0.05 -2.65	14.79 0.06 -2.12	14.80 0.06 -1.76	14.22 0.06 -1.87	14.59 0.06 -1.60	16.76 0.06 -2.04	18.54 0.02 -1.29	21.76 0.10 -2.29	24.42 0.07 -1.48	29.00 0.03 -0.09	24.17 0.10 0.00	23.88 0.02 0.00	21.36 0.00 0.00	20.48 -0.04 0.00	21.42 0.02 0.00	21.38 -0.02 0.00	24.86 0.00 0.00	28.58 0.00 0.00	34.02 0.00 0.00	30.99 -0.06 0.00	25.48 0.00 0.00	23.95 -0.02 0.00	21.48 -0.04 -0.05	22.02 0.00 -0.02
SYRACUSE___POWER 24017	15.25 0.03 -2.69	14.79 0.04 -2.15	14.81 0.04 -1.79	14.23 0.04 -1.90	14.59 0.04 -1.63	16.77 0.03 -2.07	18.52 -0.02 -1.31	21.76 0.06 -2.32	24.42 0.05 -1.51	28.97 0.00 -0.10	24.12 0.05 0.00	23.85 0.00 0.00	21.32 -0.04 0.00	20.46 -0.06 0.00	21.38 -0.02 0.00	21.36 -0.04 0.00	24.81 -0.05 0.00	28.55 -0.03 0.00	33.99 -0.03 0.00	30.96 -0.09 0.00	25.45 -0.03 0.00	23.92 -0.05 0.00	21.46 -0.06 -0.05	21.99 -0.02 -0.03
TALLMAN___138KV_BK151 55660	25.71 0.82 -12.35	23.26 0.78 -9.87	21.98 0.80 -8.20	21.76 0.75 -8.72	21.18 0.79 -7.46	25.09 0.92 -9.50	24.28 1.05 -6.00	31.33 1.30 -10.65	31.40 1.62 -6.91	31.36 2.05 -0.44	25.61 1.54 0.00	25.48 1.62 0.00	22.62 1.26 0.00	21.65 1.13 0.00	22.82 1.41 0.00	22.69 1.28 0.00	26.49 1.62 -0.02	30.35 1.77 0.00	36.23 2.21 0.00	33.13 2.08 0.00	27.16 1.68 0.00	25.58 1.61 0.00	23.02 1.33 -0.21	23.47 1.36 -0.12
TEALLAVE_115KV_TB7 355573	14.98 0.00 -2.44	14.57 0.01 -1.95	14.62 0.01 -1.62	14.03 0.01 -1.73	14.42 0.01 -1.48	16.53 -0.01 -1.88	18.35 -0.07 -1.19	21.49 0.00 -2.11	24.19 -0.05 -1.37	28.84 -0.12 -0.09	24.02 -0.05 0.00	23.76 -0.10 0.00	21.23 -0.13 0.00	20.38 -0.14 0.00	21.30 -0.11 0.00	21.27 -0.13 0.00	24.71 -0.15 0.00	28.41 -0.17 0.00	33.85 -0.17 0.00	30.81 -0.25 0.00	25.32 -0.15 0.00	23.80 -0.17 0.00	21.35 -0.17 -0.04	21.90 -0.11 -0.02

TELGRAPH_34_KV_EAST 80808	15.56 -0.23 -3.24	15.09 -0.11 -2.59	15.06 -0.08 -2.15	14.55 -0.04 -2.29	14.88 -0.01 -1.96	16.96 -0.21 -2.49	18.19 -0.64 -1.59	21.77 -0.45 -2.84	24.25 -0.46 -1.84	28.27 -0.72 -0.12	23.85 -0.22 0.00	23.43 -0.43 0.00	21.04 -0.32 0.00	20.11 -0.41 0.00	21.02 -0.39 0.00	20.91 -0.49 0.00	24.16 -0.70 -0.01	28.01 -0.57 0.00	32.93 -1.09 0.00	30.09 -0.96 0.00	24.84 -0.64 0.00	23.28 -0.70 0.00	20.76 -0.77 -0.06	21.54 -0.48 -0.03
TEMPLE___115KV_TB 2 55572	15.01 0.00 -2.47	14.59 0.01 -1.97	14.63 0.01 -1.64	14.05 0.01 -1.74	14.43 0.01 -1.49	16.57 0.00 -1.90	18.36 -0.07 -1.20	21.53 0.02 -2.13	24.22 -0.02 -1.38	28.87 -0.09 -0.09	24.05 -0.02 0.00	23.78 -0.07 0.00	21.25 -0.11 0.00	20.40 -0.12 0.00	21.32 -0.09 0.00	21.27 -0.13 0.00	24.73 -0.12 0.00	28.44 -0.14 0.00	33.85 -0.17 0.00	30.84 -0.22 0.00	25.35 -0.13 0.00	23.83 -0.14 0.00	21.37 -0.15 -0.04	21.93 -0.09 -0.02
TIANA___69_KV_BK 1 55817	27.12 1.45 -13.13	24.37 1.42 -10.34	22.98 1.41 -8.59	22.75 1.33 -9.13	22.11 1.36 -7.82	26.19 1.57 -9.95	33.98 1.72 -15.02	38.89 2.11 -17.40	35.20 2.84 -9.50	32.81 3.35 -0.58	28.72 2.62 -2.03	26.49 2.62 -0.01	23.49 2.14 0.00	22.53 2.01 0.00	24.00 2.31 -0.28	24.56 2.27 -0.88	27.78 2.91 -0.02	33.90 3.32 -2.00	37.93 3.91 0.00	35.97 3.54 -1.37	34.54 2.90 -6.16	31.81 2.76 -5.09	28.10 2.32 -4.30	24.44 2.33 -0.12
TILDEN___115KV_TB1 80814	15.25 0.03 -2.69	14.79 0.04 -2.15	14.81 0.04 -1.79	14.23 0.04 -1.90	14.59 0.04 -1.63	16.77 0.03 -2.07	18.52 -0.02 -1.31	21.76 0.06 -2.32	24.42 0.05 -1.51	28.97 0.00 -0.10	24.12 0.05 0.00	23.85 0.00 0.00	21.32 -0.04 0.00	20.46 -0.06 0.00	21.38 -0.02 0.00	21.36 -0.04 0.00	24.81 -0.05 0.00	28.55 -0.03 0.00	33.99 -0.03 0.00	30.96 -0.09 0.00	25.45 -0.03 0.00	23.92 -0.05 0.00	21.46 -0.06 -0.05	21.99 -0.02 -0.03
TRIGEN___CC 323695	26.72 1.05 -13.13	23.97 1.02 -10.34	22.61 1.04 -8.59	22.39 0.97 -9.13	21.74 1.00 -7.82	25.79 1.17 -9.95	33.63 1.38 -15.02	38.46 1.69 -17.40	34.47 2.10 -9.50	32.11 2.66 -0.58	28.14 2.05 -2.03	26.04 2.17 -0.01	23.07 1.71 0.00	22.08 1.56 0.00	23.55 1.86 -0.28	24.04 1.76 -0.88	27.01 2.14 -0.02	32.95 2.37 -2.00	36.95 2.93 0.00	35.16 2.73 -1.37	33.85 2.22 -6.16	31.17 2.11 -5.09	27.57 1.78 -4.30	23.94 1.83 -0.12
TRINITY___115KV__ 4 BK 55933	29.06 0.45 -16.07	25.93 0.48 -12.84	24.14 0.49 -10.66	24.10 0.47 -11.34	23.14 0.50 -9.71	27.56 0.54 -12.35	25.66 0.62 -7.80	33.99 0.76 -13.85	32.68 0.82 -8.99	30.46 1.01 -0.57	24.87 0.79 0.00	24.67 0.81 0.00	21.98 0.62 0.00	21.06 0.53 0.00	22.13 0.73 0.00	22.09 0.68 0.00	25.80 0.92 -0.03	29.61 1.03 0.00	35.18 1.16 0.00	32.08 1.02 0.00	26.37 0.89 0.00	24.83 0.86 0.00	22.50 0.75 -0.27	22.84 0.70 -0.15
UNION___PROCESSING_DRP 323587	15.52 -0.01 -3.00	15.05 0.05 -2.39	15.03 0.06 -1.99	14.48 0.07 -2.11	14.83 0.09 -1.81	16.99 0.01 -2.30	18.45 -0.26 -1.48	21.92 -0.08 -2.62	24.47 -0.09 -1.70	28.81 -0.17 -0.11	24.05 -0.02 0.00	23.66 -0.19 0.00	21.21 -0.15 0.00	20.34 -0.18 0.00	21.25 -0.15 0.00	21.17 -0.24 0.00	24.48 -0.37 0.00	28.33 -0.26 0.00	33.48 -0.54 0.00	30.53 -0.53 0.00	25.17 -0.31 0.00	23.59 -0.38 0.00	21.10 -0.43 -0.05	21.76 -0.26 -0.03
UPPER HUDSON___HYD 24058	29.98 0.83 -16.61	26.73 0.84 -13.28	24.88 0.87 -11.03	24.85 0.84 -11.72	23.87 0.90 -10.04	28.42 0.98 -12.77	26.43 1.10 -8.09	35.04 1.30 -14.36	33.88 1.69 -9.32	31.66 2.19 -0.59	25.83 1.76 0.00	25.69 1.84 0.00	22.77 1.41 0.00	21.57 1.05 0.00	22.60 1.20 0.00	22.62 1.22 0.00	26.27 1.39 -0.03	30.24 1.66 0.00	35.79 1.77 0.00	32.61 1.55 0.00	26.90 1.43 0.00	25.31 1.34 0.00	23.09 1.33 -0.28	23.62 1.47 -0.16
UPPER RAQUET___HYD 24056	8.00 -0.26 4.27	7.43 -0.29 4.89	7.72 -0.31 4.95	7.70 -0.30 4.30	6.27 -0.32 6.34	14.64 -0.34 -0.31	17.14 -0.29 -0.20	19.15 -0.58 -0.35	22.50 -0.59 -0.23	28.22 -0.66 -0.01	23.71 -0.36 0.00	23.57 -0.29 0.00	21.23 -0.13 0.00	20.46 -0.06 0.00	21.23 -0.17 0.00	21.25 -0.15 0.00	24.58 -0.27 0.00	28.07 -0.51 0.00	33.48 -0.55 0.00	30.62 -0.43 0.00	24.97 -0.51 0.00	23.71 -0.26 0.00	21.42 -0.06 -0.01	21.80 -0.20 0.00
VALLEY44_115KV_TB2 355964	15.74 -0.44 -3.64	15.19 -0.33 -2.91	15.07 -0.32 -2.42	14.58 -0.28 -2.57	14.91 -0.22 -2.20	17.07 -0.40 -2.80	18.26 -0.76 -1.79	22.10 -0.45 -3.17	24.47 -0.46 -2.06	28.25 -0.75 -0.13	24.48 0.41 0.00	24.07 0.21 0.00	21.57 0.21 0.00	20.60 0.08 0.00	21.55 0.15 0.00	21.40 0.00 0.00	24.68 -0.17 -0.01	28.64 0.06 0.00	33.85 -0.17 0.00	30.93 -0.12 0.00	25.48 0.00 0.00	23.87 -0.10 0.00	21.18 -0.37 -0.06	22.05 0.02 -0.03
VALLEY___115KV_TB 1-4 80826	13.56 0.21 -0.80	13.56 0.19 -0.77	13.90 0.19 -0.72	13.17 0.18 -0.69	13.83 0.22 -0.68	15.20 0.26 -0.27	17.75 0.34 -0.17	20.10 0.43 -0.30	23.70 0.64 -0.19	29.75 0.87 -0.01	24.84 0.77 0.00	24.57 0.72 0.00	21.98 0.62 0.00	21.08 0.55 0.00	22.00 0.60 0.00	22.02 0.62 0.00	25.60 0.75 0.00	29.47 0.89 0.00	35.08 1.05 0.00	32.02 0.96 0.00	26.27 0.79 0.00	24.74 0.77 0.00	22.15 0.67 -0.01	22.65 0.66 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.62 0.69 -6.39	18.37 0.66 -5.11	17.91 0.69 -4.24	17.44 0.64 -4.51	17.46 0.67 -3.86	20.33 0.75 -4.91	21.20 0.86 -3.11	25.94 1.05 -5.52	27.93 1.49 -3.58	31.01 1.91 -0.23	25.68 1.61 0.00	25.33 1.48 0.00	22.55 1.20 0.00	21.57 1.05 0.00	22.64 1.24 0.00	22.58 1.18 0.00	26.30 1.44 -0.01	30.30 1.71 0.00	36.13 2.11 0.00	32.95 1.89 0.00	26.98 1.50 0.00	25.34 1.37 0.00	22.73 1.14 -0.11	23.13 1.08 -0.06
VISCHER___FERRY HYD 24020	29.32 0.53 -16.26	26.15 0.55 -12.99	24.34 0.57 -10.79	24.31 0.54 -11.47	23.34 0.58 -9.82	27.80 0.63 -12.50	25.85 0.69 -7.93	34.30 0.85 -14.08	33.05 1.05 -9.14	30.78 1.33 -0.58	25.13 1.06 0.00	24.93 1.07 0.00	22.17 0.81 0.00	21.24 0.72 0.00	22.26 0.86 0.00	22.30 0.90 0.00	26.02 1.14 -0.03	29.87 1.29 0.00	35.48 1.46 0.00	32.30 1.24 0.00	26.60 1.12 0.00	25.02 1.05 0.00	22.72 0.97 -0.28	23.07 0.92 -0.15
V_A_10_SYNC_DSASP 323832	15.49 -0.20 -3.15	15.04 -0.09 -2.52	15.01 -0.06 -2.09	14.48 -0.04 -2.22	14.82 -0.01 -1.90	16.90 -0.19 -2.42	18.22 -0.57 -1.56	21.79 -0.35 -2.76	24.18 -0.48 -1.79	28.21 -0.78 -0.11	23.59 -0.48 0.00	23.21 -0.64 0.00	20.83 -0.53 0.00	19.95 -0.57 0.00	20.83 -0.58 0.00	20.74 -0.66 0.00	23.99 -0.87 -0.01	27.81 -0.77 0.00	32.63 -1.40 0.00	30.28 -0.78 0.00	24.61 -0.87 0.00	23.06 -0.91 0.00	20.59 -0.94 -0.05	21.38 -0.64 -0.03
V_CMM_10_SYNC_DSASP 323787	4.26 -0.28 8.00	3.76 -0.28 8.57	4.05 -0.30 8.63	4.15 -0.28 7.86	4.34 -0.31 8.28	14.35 -0.32 0.00	16.96 -0.28 0.00	18.97 -0.41 0.00	22.41 -0.46 0.00	28.32 -0.55 0.00	23.64 -0.43 0.00	23.47 -0.38 0.00	21.14 -0.21 0.00	20.38 -0.14 0.00	21.15 -0.26 0.00	21.15 -0.26 0.00	24.50 -0.35 0.00	28.21 -0.37 0.00	33.58 -0.44 0.00	30.71 -0.34 0.00	25.12 -0.36 0.00	23.63 -0.34 0.00	21.24 -0.24 0.00	21.68 -0.31 0.00

V_CMP_10_SYNC_DSASP 323788	-6.97 -0.61 18.89	-6.96 -0.64 18.93	-6.96 -0.68 19.27	-6.97 -0.64 18.62	4.08 -0.67 8.18	14.04 -0.63 0.00	16.89 -0.34 0.00	19.07 -0.31 0.00	22.71 -0.16 0.00	28.99 0.12 0.00	24.29 0.22 0.00	24.28 0.43 0.00	21.83 0.47 0.00	21.10 0.57 0.00	21.94 0.54 0.00	21.98 0.58 0.00	25.47 0.62 0.00	29.50 0.91 0.00	35.11 1.09 0.00	32.17 1.12 0.00	26.19 0.71 0.00	24.59 0.62 0.00	22.08 0.60 0.00	22.50 0.51 0.00
V_E_10_SYNC_DSASP 323830	18.42 0.75 -5.13	17.44 0.73 -4.10	17.19 0.81 -3.41	16.70 0.79 -3.62	16.87 0.84 -3.10	19.54 0.92 -3.95	20.85 1.12 -2.50	25.20 1.40 -4.43	27.73 1.99 -2.88	31.54 2.48 -0.18	26.31 2.24 0.00	25.76 1.91 0.00	22.94 1.58 0.00	21.94 1.41 0.00	23.01 1.61 0.00	23.01 1.61 0.00	26.87 2.01 -0.01	31.18 2.60 0.00	37.22 3.20 0.00	33.97 2.92 0.00	27.67 2.19 0.00	25.89 1.92 0.00	23.16 1.59 -0.09	23.49 1.45 -0.05
V_F_30_NSYNC___DSASP 323816	29.82 0.71 -16.56	26.57 0.73 -13.24	24.73 0.75 -10.99	24.70 0.73 -11.69	23.71 0.78 -10.01	28.25 0.85 -12.73	26.25 0.95 -8.07	34.84 1.14 -14.32	33.60 1.44 -9.30	31.31 1.85 -0.59	25.56 1.49 0.00	25.36 1.50 0.00	22.51 1.15 0.00	21.49 0.96 0.00	22.52 1.11 0.00	22.58 1.18 0.00	26.32 1.44 -0.03	30.24 1.66 0.00	35.89 1.87 0.00	32.67 1.61 0.00	26.95 1.48 0.00	25.34 1.37 0.00	23.03 1.27 -0.28	23.40 1.25 -0.16
V_F_30_SYNC_DSASP 323786	29.22 0.49 -16.20	26.07 0.52 -12.94	24.26 0.53 -10.75	24.24 0.52 -11.43	23.26 0.54 -9.79	27.71 0.59 -12.45	25.79 0.69 -7.87	34.18 0.83 -13.97	32.85 0.91 -9.07	30.58 1.13 -0.58	24.96 0.89 0.00	24.76 0.91 0.00	22.06 0.70 0.00	21.14 0.62 0.00	22.19 0.79 0.00	22.17 0.77 0.00	25.87 0.99 -0.03	29.70 1.11 0.00	35.28 1.26 0.00	32.20 1.15 0.00	26.47 0.99 0.00	24.91 0.93 0.00	22.59 0.84 -0.28	22.91 0.77 -0.15
V_XM_10_SYNC_DSASP 323789	-6.97 -0.61 18.89	-6.96 -0.64 18.93	-6.96 -0.68 19.27	-6.97 -0.64 18.62	4.08 -0.67 8.18	14.04 -0.63 0.00	16.89 -0.34 0.00	19.07 -0.31 0.00	22.71 -0.16 0.00	28.99 0.12 0.00	24.29 0.22 0.00	24.28 0.43 0.00	21.83 0.47 0.00	21.10 0.57 0.00	21.94 0.54 0.00	21.98 0.58 0.00	25.47 0.62 0.00	29.50 0.91 0.00	35.11 1.09 0.00	32.17 1.12 0.00	26.19 0.71 0.00	24.59 0.62 0.00	22.08 0.60 0.00	22.50 0.51 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.83 0.85 -12.43	23.35 0.81 -9.94	22.06 0.83 -8.25	21.84 0.77 -8.77	21.26 0.81 -7.51	25.20 0.97 -9.56	24.36 1.09 -6.04	31.44 1.34 -10.72	31.49 1.67 -6.96	31.42 2.11 -0.44	25.66 1.59 0.00	25.55 1.69 0.00	22.66 1.30 0.00	21.71 1.19 0.00	22.86 1.46 0.00	22.75 1.35 0.00	26.54 1.67 -0.02	30.44 1.86 0.00	36.34 2.31 0.00	33.20 2.14 0.00	27.24 1.76 0.00	25.65 1.68 0.00	23.09 1.40 -0.21	23.54 1.43 -0.12
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.41 0.93 -12.94	23.85 0.90 -10.34	22.51 0.93 -8.59	22.30 0.87 -9.13	21.66 0.91 -7.82	25.71 1.09 -9.95	24.73 1.21 -6.29	32.03 1.49 -11.16	31.99 1.87 -7.24	31.70 2.37 -0.46	25.85 1.78 0.00	25.79 1.93 0.00	22.85 1.50 0.00	21.90 1.38 0.00	23.05 1.65 0.00	22.94 1.54 0.00	26.76 1.89 -0.02	30.61 2.03 0.00	36.61 2.59 0.00	33.45 2.39 0.00	27.41 1.94 0.00	25.84 1.87 0.00	23.27 1.57 -0.22	23.74 1.63 -0.12
W50THST__13_KV_LOAD 356117	26.47 0.99 -12.94	23.90 0.95 -10.34	22.56 0.99 -8.59	22.36 0.93 -9.13	21.72 0.97 -7.82	25.78 1.16 -9.95	24.81 1.29 -6.29	32.11 1.57 -11.16	32.10 1.99 -7.24	31.87 2.54 -0.46	25.97 1.90 0.00	25.91 2.05 0.00	22.96 1.60 0.00	21.98 1.46 0.00	23.16 1.76 0.00	23.03 1.63 0.00	26.89 2.01 -0.02	30.75 2.17 0.00	36.74 2.72 0.00	33.60 2.55 0.00	27.52 2.04 0.00	25.94 1.97 0.00	23.35 1.65 -0.22	23.83 1.72 -0.12
WADING RIVER_IC_1 23522	27.03 1.35 -13.14	24.28 1.32 -10.35	22.88 1.31 -8.59	22.65 1.23 -9.13	22.00 1.25 -7.82	26.08 1.47 -9.95	33.89 1.64 -15.02	38.74 1.98 -17.39	34.99 2.63 -9.50	32.50 3.03 -0.59	28.47 2.36 -2.04	26.22 2.34 -0.02	23.22 1.86 -0.01	22.33 1.81 0.00	23.73 2.03 -0.29	24.35 2.05 -0.89	27.54 2.66 -0.03	33.59 3.00 -2.01	37.50 3.47 -0.01	35.48 3.05 -1.38	34.25 2.60 -6.17	31.63 2.57 -5.09	27.90 2.11 -4.31	24.21 2.09 -0.13
WADING RIVER_IC_2 23547	27.03 1.35 -13.14	24.28 1.32 -10.35	22.88 1.31 -8.59	22.65 1.23 -9.13	22.00 1.25 -7.82	26.08 1.47 -9.95	33.89 1.64 -15.02	38.74 1.98 -17.39	34.99 2.63 -9.50	32.50 3.03 -0.59	28.47 2.36 -2.04	26.22 2.34 -0.02	23.22 1.86 -0.01	22.33 1.81 0.00	23.73 2.03 -0.29	24.35 2.05 -0.89	27.54 2.66 -0.03	33.59 3.00 -2.01	37.50 3.47 -0.01	35.48 3.05 -1.38	34.25 2.60 -6.17	31.63 2.57 -5.09	27.90 2.11 -4.31	24.21 2.09 -0.13
WADING RIVER_IC_3 23601	27.03 1.35 -13.14	24.28 1.32 -10.35	22.88 1.31 -8.59	22.65 1.23 -9.13	22.00 1.25 -7.82	26.08 1.47 -9.95	33.89 1.64 -15.02	38.74 1.98 -17.39	34.99 2.63 -9.50	32.50 3.03 -0.59	28.47 2.36 -2.04	26.22 2.34 -0.02	23.22 1.86 -0.01	22.33 1.81 0.00	23.73 2.03 -0.29	24.35 2.05 -0.89	27.54 2.66 -0.03	33.59 3.00 -2.01	37.50 3.47 -0.01	35.48 3.05 -1.38	34.25 2.60 -6.17	31.63 2.57 -5.09	27.90 2.11 -4.31	24.21 2.09 -0.13
WALDENNY_12_KV_BK2 80841	15.70 -0.29 -3.45	15.20 -0.16 -2.76	15.14 -0.13 -2.29	14.64 -0.09 -2.44	14.98 -0.04 -2.09	17.07 -0.25 -2.65	18.26 -0.67 -1.70	21.94 -0.45 -3.01	24.41 -0.41 -1.96	28.30 -0.69 -0.12	24.09 0.02 0.00	23.69 -0.17 0.00	21.25 -0.11 0.00	20.32 -0.21 0.00	21.23 -0.17 0.00	21.12 -0.28 0.00	24.39 -0.47 -0.01	28.27 -0.31 0.00	33.24 -0.78 0.00	30.37 -0.68 0.00	25.07 -0.41 0.00	23.49 -0.48 0.00	20.94 -0.60 -0.06	21.74 -0.29 -0.03
WALDEN___HYDRO 24148	25.83 0.78 -12.52	23.34 0.73 -10.00	22.04 0.75 -8.31	21.82 0.70 -8.83	21.23 0.74 -7.56	25.14 0.85 -9.62	24.25 0.95 -6.07	31.36 1.20 -10.78	31.35 1.49 -7.00	31.19 1.88 -0.44	25.47 1.40 0.00	25.31 1.46 0.00	22.45 1.09 0.00	21.53 1.01 0.00	22.62 1.22 0.00	22.60 1.20 0.00	26.36 1.49 -0.02	30.24 1.66 0.00	36.13 2.11 0.00	32.95 1.89 0.00	27.11 1.63 0.00	25.53 1.56 0.00	22.96 1.27 -0.21	23.40 1.30 -0.12
WARRENSBURG____ 23737	29.98 0.83 -16.61	26.73 0.84 -13.28	24.88 0.87 -11.03	24.85 0.84 -11.72	23.87 0.90 -10.04	28.42 0.98 -12.77	26.43 1.10 -8.09	35.04 1.30 -14.36	33.88 1.69 -9.32	31.66 2.19 -0.59	25.83 1.76 0.00	25.69 1.84 0.00	22.77 1.41 0.00	21.57 1.05 0.00	22.60 1.20 0.00	22.62 1.22 0.00	26.27 1.39 -0.03	30.24 1.66 0.00	35.79 1.77 0.00	32.61 1.55 0.00	26.90 1.43 0.00	25.31 1.34 0.00	23.09 1.33 -0.28	23.62 1.47 -0.16
WATERSIDE___6 8 9 23538	26.46 0.98 -12.94	23.89 0.93 -10.35	22.56 0.99 -8.59	22.35 0.92 -9.14	21.71 0.96 -7.82	25.77 1.14 -9.95	24.69 1.17 -6.29	31.90 1.36 -11.16	31.85 1.74 -7.25	31.64 2.31 -0.46	25.76 1.68 0.00	25.74 1.88 0.00	22.79 1.43 0.00	21.82 1.29 0.00	23.03 1.63 0.00	22.88 1.48 0.00	26.69 1.81 -0.02	30.47 1.89 0.00	36.40 2.38 0.00	33.29 2.24 0.00	27.26 1.78 0.00	25.74 1.77 0.00	23.22 1.52 -0.22	23.81 1.69 -0.12

WATKINRD_115KV_LN8_ILLION 55919	13.54 0.20 -0.80	13.56 0.19 -0.77	13.90 0.19 -0.72	13.17 0.18 -0.69	13.82 0.21 -0.68	15.17 0.23 -0.27	17.69 0.29 -0.17	20.03 0.35 -0.30	23.56 0.50 -0.19	29.55 0.66 -0.01	24.62 0.55 0.00	24.38 0.52 0.00	21.81 0.45 0.00	20.91 0.39 0.00	21.83 0.43 0.00	21.85 0.45 0.00	25.40 0.55 0.00	29.21 0.63 0.00	34.80 0.78 0.00	31.77 0.71 0.00	26.04 0.56 0.00	24.52 0.55 0.00	21.96 0.47 -0.01	22.46 0.46 0.00
WATSON___69_KV_BK 1 55734	27.04 1.37 -13.13	24.29 1.34 -10.34	22.91 1.34 -8.59	22.67 1.24 -9.13	22.03 1.28 -7.82	26.11 1.50 -9.95	33.91 1.65 -15.02	38.77 2.00 -17.40	35.04 2.68 -9.50	32.75 3.29 -0.58	28.72 2.62 -2.03	26.54 2.67 -0.01	23.49 2.14 0.00	22.51 1.99 0.00	24.02 2.33 -0.28	24.53 2.25 -0.88	27.66 2.78 -0.02	33.75 3.17 -2.00	37.87 3.84 0.00	35.94 3.51 -1.37	34.52 2.88 -6.16	31.79 2.73 -5.09	28.10 2.32 -4.30	24.42 2.31 -0.12
WDELAWARE___HYD 323627	24.70 0.70 -11.46	22.39 0.63 -9.16	21.23 0.65 -7.60	20.98 0.60 -8.09	20.49 0.63 -6.92	24.21 0.73 -8.81	23.60 0.81 -5.56	30.28 1.03 -9.87	30.60 1.33 -6.41	30.93 1.64 -0.41	25.25 1.18 0.00	25.05 1.19 0.00	22.23 0.88 0.00	21.30 0.78 0.00	22.43 1.03 0.00	22.39 0.99 0.00	26.14 1.27 -0.02	30.04 1.46 0.00	35.89 1.87 0.00	32.76 1.71 0.00	26.93 1.45 0.00	25.36 1.39 0.00	22.75 1.07 -0.20	23.20 1.10 -0.11
WEST BABYLON___IC 23714	26.99 1.32 -13.13	24.23 1.29 -10.34	22.84 1.27 -8.59	22.62 1.19 -9.13	21.98 1.23 -7.82	26.05 1.44 -9.95	33.87 1.62 -15.02	38.73 1.96 -17.40	34.93 2.56 -9.50	32.66 3.20 -0.58	28.63 2.53 -2.03	26.47 2.60 -0.01	23.43 2.07 0.00	22.45 1.93 0.00	23.96 2.27 -0.28	24.45 2.16 -0.88	27.51 2.63 -0.02	33.58 3.00 -2.00	37.70 3.67 0.00	35.81 3.38 -1.37	34.41 2.78 -6.16	31.69 2.64 -5.09	28.00 2.21 -4.30	24.33 2.22 -0.12
WEST CANADA___HYD 24049	13.39 0.05 -0.80	13.42 0.05 -0.77	13.76 0.05 -0.72	13.04 0.05 -0.69	13.66 0.05 -0.68	14.99 0.06 -0.27	17.47 0.07 -0.17	19.77 0.10 -0.30	23.20 0.14 -0.19	29.06 0.17 -0.01	24.22 0.15 0.00	23.97 0.12 0.00	21.44 0.09 0.00	20.58 0.06 0.00	21.49 0.09 0.00	21.49 0.09 0.00	24.98 0.12 0.00	28.73 0.14 0.00	34.19 0.17 0.00	31.21 0.16 0.00	25.61 0.13 0.00	24.09 0.12 0.00	21.59 0.11 -0.01	22.10 0.11 0.00
WESTERN_NY_WIND 24143	15.69 -0.06 -3.22	15.21 0.04 -2.57	15.18 0.06 -2.13	14.66 0.10 -2.27	14.99 0.12 -1.94	17.13 -0.01 -2.47	18.40 -0.41 -1.58	22.01 -0.17 -2.81	24.58 -0.11 -1.82	28.70 -0.29 -0.12	24.19 0.12 0.00	23.74 -0.12 0.00	21.27 -0.09 0.00	20.36 -0.16 0.00	21.30 -0.11 0.00	21.19 -0.21 0.00	24.51 -0.35 -0.01	28.44 -0.14 0.00	33.51 -0.51 0.00	30.59 -0.47 0.00	25.25 -0.23 0.00	23.61 -0.36 0.00	21.06 -0.47 -0.06	21.82 -0.20 -0.03
WESTOVER___LESR 323668	18.09 0.18 -5.37	17.10 0.20 -4.30	16.76 0.21 -3.57	16.28 0.20 -3.79	16.40 0.22 -3.25	19.01 0.21 -4.13	20.00 0.16 -2.62	24.37 0.35 -4.64	26.31 0.43 -3.01	29.53 0.46 -0.19	24.62 0.55 0.00	24.33 0.48 0.00	21.72 0.36 0.00	20.83 0.31 0.00	21.81 0.41 0.00	21.75 0.34 0.00	25.28 0.42 -0.01	29.13 0.54 0.00	34.63 0.61 0.00	31.58 0.53 0.00	25.96 0.48 0.00	24.38 0.41 0.00	21.85 0.28 -0.09	22.39 0.35 -0.05
WETHRSFD_WT_PWR 323626	15.96 -0.33 -3.75	15.39 -0.21 -2.99	15.29 -0.18 -2.49	14.80 -0.13 -2.64	15.09 -0.10 -2.26	17.33 -0.22 -2.88	18.52 -0.55 -1.84	22.42 -0.21 -3.26	24.73 -0.25 -2.12	28.54 -0.46 -0.13	24.19 0.12 0.00	23.78 -0.07 0.00	21.29 -0.06 0.00	20.38 -0.14 0.00	21.30 -0.11 0.00	21.23 -0.17 0.00	24.61 -0.25 -0.01	28.53 -0.06 0.00	33.58 -0.44 0.00	31.05 0.00 0.00	25.25 -0.23 0.00	23.68 -0.29 0.00	21.13 -0.41 -0.06	21.92 -0.11 -0.04
WHAVSTOR_138KV_BK127 55557	25.79 0.80 -12.45	23.33 0.77 -9.95	22.04 0.79 -8.26	21.81 0.74 -8.79	21.23 0.78 -7.52	25.16 0.92 -9.57	24.31 1.03 -6.05	31.39 1.28 -10.74	31.43 1.60 -6.97	31.34 2.02 -0.44	25.59 1.52 0.00	25.48 1.62 0.00	22.60 1.24 0.00	21.65 1.13 0.00	22.79 1.39 0.00	22.69 1.28 0.00	26.46 1.59 -0.02	30.33 1.74 0.00	36.23 2.21 0.00	33.10 2.05 0.00	27.13 1.66 0.00	25.58 1.61 0.00	23.02 1.33 -0.21	23.47 1.36 -0.12
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.79 0.80 -12.45	23.33 0.77 -9.95	22.04 0.79 -8.26	21.81 0.74 -8.79	21.23 0.78 -7.52	25.16 0.92 -9.57	24.31 1.03 -6.05	31.39 1.28 -10.74	31.43 1.60 -6.97	31.34 2.02 -0.44	25.59 1.52 0.00	25.48 1.62 0.00	22.60 1.24 0.00	21.65 1.13 0.00	22.79 1.39 0.00	22.69 1.28 0.00	26.46 1.59 -0.02	30.33 1.74 0.00	36.23 2.21 0.00	33.10 2.05 0.00	27.13 1.66 0.00	25.58 1.61 0.00	23.02 1.33 -0.21	23.47 1.36 -0.12
WHITEHAL_115KV_TB1 80871	30.15 1.03 -16.59	26.91 1.05 -13.26	25.07 1.08 -11.01	25.02 1.02 -11.71	24.08 1.12 -10.02	28.64 1.22 -12.75	26.69 1.40 -8.06	35.33 1.65 -14.30	34.30 2.15 -9.28	32.26 2.80 -0.59	26.33 2.26 0.00	26.12 2.27 0.00	23.11 1.75 0.00	21.86 1.33 0.00	22.97 1.56 0.00	22.99 1.58 0.00	26.77 1.89 -0.03	30.90 2.32 0.00	36.51 2.48 0.00	33.29 2.24 0.00	27.46 1.99 0.00	25.82 1.85 0.00	23.50 1.74 -0.28	23.93 1.78 -0.15
WHITEPLN_13_KV_LOAD 356215	26.42 0.97 -12.91	23.85 0.92 -10.32	22.50 0.95 -8.57	22.30 0.90 -9.11	21.66 0.93 -7.80	25.73 1.13 -9.93	24.78 1.28 -6.27	32.08 1.57 -11.14	32.04 1.94 -7.23	31.84 2.51 -0.46	26.00 1.93 0.00	25.88 2.03 0.00	22.94 1.58 0.00	21.98 1.46 0.00	23.14 1.73 0.00	23.01 1.61 0.00	26.89 2.01 -0.02	30.81 2.23 0.00	36.81 2.79 0.00	33.63 2.58 0.00	27.59 2.11 0.00	25.98 2.01 0.00	23.35 1.65 -0.22	23.80 1.69 -0.12
WM_FLOYD_69_KV_BK2 356380	27.01 1.34 -13.13	24.26 1.31 -10.34	22.87 1.30 -8.59	22.63 1.20 -9.13	21.99 1.24 -7.82	26.07 1.45 -9.95	33.84 1.59 -15.02	38.69 1.92 -17.40	34.97 2.61 -9.50	32.55 3.09 -0.58	28.51 2.41 -2.03	26.30 2.43 -0.01	23.30 1.94 0.00	22.35 1.83 0.00	23.83 2.14 -0.28	24.38 2.10 -0.88	27.56 2.68 -0.02	33.61 3.03 -2.00	37.59 3.57 0.00	35.69 3.26 -1.37	34.31 2.68 -6.16	31.60 2.54 -5.09	27.93 2.15 -4.30	24.27 2.16 -0.12
WOODARD___115KV_TB2 355635	15.01 -0.03 -2.49	14.58 -0.01 -1.99	14.62 -0.01 -1.65	14.04 -0.01 -1.76	14.42 -0.01 -1.50	16.54 -0.04 -1.91	18.34 -0.10 -1.21	21.49 -0.04 -2.15	24.17 -0.09 -1.39	28.79 -0.17 -0.09	23.97 -0.10 0.00	23.71 -0.14 0.00	21.19 -0.17 0.00	20.34 -0.18 0.00	21.25 -0.15 0.00	21.21 -0.19 0.00	24.66 -0.20 0.00	28.35 -0.23 0.00	33.75 -0.27 0.00	30.74 -0.31 0.00	25.27 -0.20 0.00	23.75 -0.22 0.00	21.33 -0.19 -0.04	21.86 -0.15 -0.02
YORK___WARBASSE 23770	26.55 1.07 -12.94	23.95 1.00 -10.35	22.61 1.04 -8.59	22.40 0.97 -9.14	21.76 1.01 -7.82	25.82 1.20 -9.95	24.74 1.22 -6.29	31.94 1.40 -11.16	31.89 1.78 -7.25	31.70 2.37 -0.46	25.78 1.71 0.00	25.81 1.96 0.00	22.83 1.47 0.00	21.86 1.33 0.00	23.07 1.67 0.00	22.94 1.54 0.00	26.79 1.91 -0.02	30.58 2.00 0.00	36.47 2.45 0.00	33.45 2.39 0.00	27.34 1.86 0.00	25.89 1.92 0.00	23.37 1.68 -0.22	24.00 1.89 -0.12