

ALBANY___4 23574	20.63 0.06 -13.53	20.14 0.03 -16.47	14.98 0.09 -7.13	14.09 0.05 -9.92	21.66 0.02 -18.92	16.32 0.01 -15.07	12.06 0.04 -9.73	11.64 0.08 -4.84	6.65 0.10 0.00	8.32 0.10 0.00	4.51 0.06 0.00	3.72 0.06 0.00	10.96 0.17 -0.23	12.58 0.17 -1.89	13.88 0.16 0.00	15.17 0.13 0.00	18.19 0.19 -0.09	29.12 0.15 -9.76	33.19 0.14 -17.95	36.27 0.11 -23.56	37.30 0.08 -27.20	24.18 0.18 -4.56	56.33 -0.02 -58.93	21.70 0.09 -11.18
ALBANY___LFGE 323615	20.86 0.12 -13.70	20.36 0.06 -16.65	15.19 0.15 -7.28	14.23 0.08 -10.03	21.89 0.04 -19.12	16.49 0.02 -15.23	12.18 0.06 -9.83	11.75 0.14 -4.89	6.69 0.15 0.00	8.38 0.16 0.00	4.54 0.09 0.00	3.75 0.09 0.00	11.04 0.24 -0.23	12.67 0.24 -1.91	13.99 0.27 0.00	15.29 0.26 0.00	18.35 0.35 -0.09	29.42 0.34 -9.86	33.53 0.29 -18.15	36.65 0.23 -23.82	37.69 0.18 -27.50	24.41 0.35 -4.61	56.97 -0.04 -59.59	22.01 0.17 -11.40
ALCOA_PA_115KV_PL-6C 55860	7.03 -0.10 -0.08	3.69 -0.05 -0.10	7.71 -0.09 -0.04	4.13 -0.04 -0.06	2.81 -0.02 -0.12	1.32 -0.01 -0.09	2.34 -0.02 -0.06	6.69 -0.06 -0.03	6.48 -0.06 0.00	8.15 -0.07 0.00	4.40 -0.05 0.00	3.61 -0.05 0.00	10.38 -0.18 0.00	10.35 -0.17 -0.01	13.54 -0.19 0.00	14.83 -0.21 0.00	17.66 -0.26 0.00	19.00 -0.28 -0.06	14.98 -0.22 -0.11	12.55 -0.20 -0.14	10.02 -0.17 -0.17	19.20 -0.26 -0.03	-2.18 0.04 -0.37	10.37 -0.13 -0.06
ALCOA_RYNLDS___DRP 24188	7.03 -0.10 -0.08	3.69 -0.05 -0.10	7.71 -0.09 -0.04	4.13 -0.04 -0.06	2.81 -0.02 -0.12	1.32 -0.01 -0.09	2.34 -0.02 -0.06	6.69 -0.06 -0.03	6.48 -0.06 0.00	8.15 -0.07 0.00	4.40 -0.05 0.00	3.61 -0.05 0.00	10.38 -0.18 0.00	10.35 -0.17 -0.01	13.54 -0.19 0.00	14.83 -0.21 0.00	17.66 -0.26 0.00	19.00 -0.28 -0.06	14.98 -0.22 -0.11	12.55 -0.20 -0.14	10.02 -0.17 -0.17	19.20 -0.26 -0.03	-2.18 0.04 -0.37	10.37 -0.13 -0.06
ALCOA___DSASP 323711	6.95 -0.10 0.00	3.59 -0.05 0.00	7.67 -0.09 0.00	4.07 -0.04 0.00	2.70 -0.02 0.00	1.23 -0.01 0.00	2.28 -0.02 0.00	6.66 -0.06 0.00	6.48 -0.06 0.00	8.15 -0.07 0.00	4.40 -0.05 0.00	3.61 -0.05 0.00	10.38 -0.18 0.00	10.34 -0.17 0.00	13.54 -0.19 0.00	14.83 -0.21 0.00	17.66 -0.26 0.00	18.94 -0.28 0.00	14.87 -0.22 0.00	12.40 -0.19 0.00	9.85 -0.17 0.00	19.17 -0.26 0.00	-2.55 0.04 0.00	10.30 -0.13 0.00
ALLEGHENY___COGEN 23514	8.93 0.05 -1.84	5.89 0.01 -2.23	8.76 0.02 -0.98	5.47 0.01 -1.35	5.29 0.00 -2.57	3.30 0.01 -2.04	3.62 0.00 -1.32	7.31 -0.07 -0.66	6.45 -0.10 0.00	8.20 -0.02 0.00	4.46 0.02 0.00	3.68 0.01 0.00	10.61 0.02 -0.03	10.84 0.07 -0.26	13.91 0.18 0.00	15.27 0.24 0.00	18.10 0.17 -0.01	20.95 0.41 -1.32	17.86 0.33 -2.44	16.15 0.35 -3.20	14.03 0.32 -3.69	20.45 0.40 -0.62	5.31 -0.10 -8.00	12.12 0.16 -1.53
ALTAMONT_115KV_TB 2 55880	20.79 0.18 -13.57	20.24 0.09 -16.51	15.14 0.20 -7.18	14.16 0.11 -9.95	21.75 0.07 -18.96	16.38 0.03 -15.10	12.11 0.06 -9.75	11.74 0.17 -4.85	6.72 0.17 0.00	8.41 0.19 0.00	4.55 0.11 0.00	3.76 0.09 0.00	11.07 0.28 -0.23	12.69 0.28 -1.90	14.07 0.34 0.00	15.39 0.35 0.00	18.44 0.44 -0.09	29.48 0.48 -9.79	33.51 0.40 -18.01	36.56 0.33 -23.64	37.56 0.26 -27.28	24.52 0.50 -4.57	56.44 -0.06 -59.09	21.95 0.26 -11.26
ALTONA_WT_PWR 323606	6.85 -0.20 0.00	3.54 -0.10 0.00	7.60 -0.15 0.00	4.06 -0.05 0.00	2.70 -0.02 0.00	1.23 -0.01 0.00	2.31 0.02 0.00	6.80 0.08 0.00	6.64 0.09 0.00	8.35 0.13 0.00	4.49 0.04 0.00	3.62 -0.04 0.00	10.38 -0.18 0.00	10.31 -0.21 0.00	13.53 -0.19 0.00	14.80 -0.24 0.00	17.65 -0.27 0.00	19.05 -0.16 0.00	15.02 -0.07 0.00	12.48 -0.12 0.00	9.85 -0.17 0.00	18.94 -0.50 0.00	-2.57 0.02 0.00	10.22 -0.21 0.00
AMERICAN_REF_FUEL 24010	8.15 -0.56 -1.66	5.37 -0.29 -2.02	8.05 -0.60 -0.88	5.03 -0.30 -1.22	4.82 -0.22 -2.32	3.01 -0.08 -1.85	3.32 -0.17 -1.19	6.77 -0.54 -0.59	6.11 -0.44 0.00	7.82 -0.41 0.00	4.24 -0.21 0.00	3.49 -0.17 0.00	10.01 -0.58 -0.03	10.20 -0.56 -0.23	12.93 -0.80 0.00	14.10 -0.93 0.00	16.52 -1.41 -0.01	18.90 -1.51 -1.20	16.16 -1.14 -2.20	14.62 -0.87 -2.89	12.67 -0.68 -3.34	18.46 -1.54 -0.56	4.79 0.15 -7.23	11.07 -0.75 -1.38
ARKWRIGHT___SUMMIT_WT_PWR 323751	8.79 -0.11 -1.86	5.82 -0.08 -2.25	8.55 -0.19 -0.99	5.36 -0.10 -1.36	5.24 -0.07 -2.59	3.28 -0.02 -2.06	3.57 -0.06 -1.33	7.20 -0.18 -0.66	6.47 -0.08 0.00	8.19 -0.03 0.00	4.48 0.03 0.00	3.68 0.02 0.00	10.64 0.05 -0.03	10.86 0.08 -0.26	13.87 0.14 0.00	15.16 0.12 0.00	17.86 -0.06 -0.01	20.54 -0.01 -1.34	17.53 -0.02 -2.46	15.86 0.04 -3.23	13.73 -0.01 -3.72	19.78 -0.28 -0.62	5.41 -0.07 -8.07	11.89 -0.08 -1.54
ARTHUR_KILL_GT_1 23520	17.94 0.50 -10.39	16.51 0.25 -12.62	13.79 0.51 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.85 0.43 -3.71	6.96 0.42 0.00	8.75 0.53 0.00	4.74 0.29 0.00	3.91 0.24 0.00	11.49 0.76 -0.18	12.71 0.75 -1.45	14.72 1.00 0.00	16.18 1.15 0.00	19.23 1.25 -0.07	27.95 1.25 -7.48	29.84 0.98 -13.76	31.42 0.76 -18.06	31.51 0.65 -20.85	24.21 1.27 -3.50	42.48 -0.10 -45.17	19.82 0.74 -8.64
ARTHUR_KILL_2 23512	17.92 0.48 -10.39	16.51 0.24 -12.62	13.77 0.49 -5.52	11.96 0.25 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.84 0.41 -3.71	6.95 0.41 0.00	8.73 0.51 0.00	4.73 0.28 0.00	3.90 0.23 0.00	11.47 0.73 -0.18	12.69 0.73 -1.45	14.69 0.97 0.00	16.15 1.11 0.00	19.19 1.21 -0.07	27.89 1.19 -7.48	29.79 0.94 -13.76	31.39 0.73 -18.06	31.48 0.61 -20.85	24.15 1.21 -3.50	42.49 -0.09 -45.17	19.79 0.71 -8.64
ARTHUR_KILL_3 23513	17.88 0.45 -10.38	16.48 0.22 -12.62	13.72 0.44 -5.52	11.94 0.22 -7.60	17.35 0.14 -14.49	12.85 0.06 -11.54	9.87 0.12 -7.45	10.80 0.37 -3.71	6.92 0.37 0.00	8.69 0.47 0.00	4.71 0.26 0.00	3.89 0.23 0.00	11.45 0.71 -0.18	12.67 0.71 -1.45	14.67 0.94 0.00	16.08 1.04 0.00	19.12 1.14 -0.07	27.80 1.10 -7.48	29.70 0.84 -13.76	31.34 0.68 -18.06	31.42 0.56 -20.85	24.04 1.10 -3.50	42.47 -0.11 -45.17	19.71 0.63 -8.64
ARTHUR_KILL_COGEN 323718	17.94 0.50 -10.39	16.51 0.25 -12.62	13.79 0.51 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.85 0.43 -3.71	6.96 0.42 0.00	8.75 0.53 0.00	4.74 0.29 0.00	3.91 0.24 0.00	11.49 0.76 -0.18	12.71 0.75 -1.45	14.72 1.00 0.00	16.18 1.15 0.00	19.23 1.25 -0.07	27.95 1.25 -7.48	29.84 0.98 -13.76	31.42 0.76 -18.06	31.51 0.65 -20.85	24.21 1.27 -3.50	42.48 -0.10 -45.17	19.82 0.74 -8.64
ASHOKAN____ 23654	19.14 0.34 -11.76	18.09 0.16 -14.29	14.35 0.34 -6.25	12.88 0.16 -8.60	19.22 0.09 -16.41	14.35 0.05 -13.07	10.83 0.09 -8.44	11.19 0.27 -4.20	6.82 0.27 0.00	8.50 0.27 0.00	4.60 0.15 0.00	3.79 0.13 0.00	11.10 0.33 -0.20	12.51 0.35 -1.64	14.20 0.47 0.00	15.51 0.48 0.00	18.62 0.63 -0.07	28.48 0.80 -8.46	31.35 0.69 -15.57	33.64 0.62 -20.43	34.11 0.51 -23.58	24.38 0.99 -3.96	48.42 -0.12 -51.13	20.66 0.44 -9.78

ASTORIA_GT_10 24110	17.93 0.49 -10.39	16.51 0.24 -12.62	13.78 0.50 -5.52	11.97 0.25 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.74 0.52 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.54 0.80 -0.18	12.76 0.79 -1.45	14.76 1.04 0.00	16.18 1.14 0.00	19.25 1.27 -0.07	27.93 1.24 -7.48	29.81 0.96 -13.76	31.43 0.77 -18.06	31.49 0.63 -20.85	24.18 1.24 -3.50	42.45 -0.13 -45.17	19.79 0.71 -8.64
ASTORIA_GT_11 24225	17.93 0.49 -10.39	16.51 0.24 -12.62	13.78 0.50 -5.52	11.97 0.25 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.74 0.52 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.54 0.80 -0.18	12.76 0.79 -1.45	14.76 1.04 0.00	16.18 1.14 0.00	19.25 1.27 -0.07	27.93 1.24 -7.48	29.81 0.96 -13.76	31.43 0.77 -18.06	31.49 0.63 -20.85	24.18 1.24 -3.50	42.45 -0.13 -45.17	19.79 0.71 -8.64
ASTORIA_GT_12 24226	17.93 0.49 -10.39	16.51 0.24 -12.62	13.78 0.50 -5.52	11.97 0.25 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.74 0.52 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.54 0.80 -0.18	12.76 0.79 -1.45	14.76 1.04 0.00	16.18 1.14 0.00	19.25 1.27 -0.07	27.93 1.24 -7.48	29.81 0.96 -13.76	31.43 0.77 -18.06	31.49 0.63 -20.85	24.18 1.24 -3.50	42.45 -0.13 -45.17	19.79 0.71 -8.64
ASTORIA_GT_13 24227	17.93 0.49 -10.39	16.51 0.24 -12.62	13.78 0.50 -5.52	11.97 0.25 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.74 0.52 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.54 0.80 -0.18	12.76 0.79 -1.45	14.76 1.04 0.00	16.18 1.14 0.00	19.25 1.27 -0.07	27.93 1.24 -7.48	29.81 0.96 -13.76	31.43 0.77 -18.06	31.49 0.63 -20.85	24.18 1.24 -3.50	42.45 -0.13 -45.17	19.79 0.71 -8.64
ASTORIA_GT_5 24106	17.94 0.51 -10.39	16.52 0.26 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.89 0.14 -7.45	10.84 0.41 -3.71	6.94 0.40 0.00	8.73 0.51 0.00	4.74 0.29 0.00	3.92 0.25 0.00	11.55 0.81 -0.18	12.76 0.80 -1.45	14.77 1.04 0.00	16.18 1.15 0.00	19.22 1.25 -0.07	27.91 1.22 -7.48	29.81 0.95 -13.76	31.43 0.76 -18.06	31.47 0.61 -20.85	24.17 1.24 -3.50	42.45 -0.13 -45.17	19.81 0.73 -8.64
ASTORIA_GT_7 24107	17.94 0.51 -10.39	16.52 0.26 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.89 0.14 -7.45	10.84 0.41 -3.71	6.94 0.40 0.00	8.73 0.51 0.00	4.74 0.29 0.00	3.92 0.25 0.00	11.55 0.81 -0.18	12.76 0.80 -1.45	14.77 1.04 0.00	16.18 1.15 0.00	19.22 1.25 -0.07	27.91 1.22 -7.48	29.81 0.95 -13.76	31.43 0.76 -18.06	31.47 0.61 -20.85	24.17 1.24 -3.50	42.45 -0.13 -45.17	19.81 0.73 -8.64
ASTORIA_GT_8 24108	17.94 0.51 -10.39	16.52 0.26 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.89 0.14 -7.45	10.84 0.41 -3.71	6.94 0.40 0.00	8.73 0.51 0.00	4.74 0.29 0.00	3.92 0.25 0.00	11.55 0.81 -0.18	12.76 0.80 -1.45	14.77 1.04 0.00	16.18 1.15 0.00	19.22 1.25 -0.07	27.91 1.22 -7.48	29.81 0.95 -13.76	31.43 0.76 -18.06	31.47 0.61 -20.85	24.17 1.24 -3.50	42.45 -0.13 -45.17	19.81 0.73 -8.64
ASTORIA___2 24149	17.93 0.50 -10.39	16.52 0.25 -12.62	13.79 0.51 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.39 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.53 0.79 -0.18	12.74 0.78 -1.45	14.74 1.02 0.00	16.15 1.12 0.00	19.19 1.21 -0.07	27.88 1.18 -7.48	29.78 0.92 -13.76	31.40 0.74 -18.06	31.46 0.59 -20.85	24.14 1.20 -3.50	42.46 -0.13 -45.17	19.79 0.72 -8.64
ASTORIA___3 23516	17.93 0.49 -10.39	16.51 0.24 -12.62	13.78 0.50 -5.52	11.97 0.25 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.74 0.52 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.54 0.80 -0.18	12.76 0.79 -1.45	14.76 1.04 0.00	16.18 1.14 0.00	19.25 1.27 -0.07	27.93 1.24 -7.48	29.81 0.96 -13.76	31.43 0.77 -18.06	31.49 0.63 -20.85	24.18 1.24 -3.50	42.45 -0.13 -45.17	19.79 0.71 -8.64
ASTORIA___4 23517	17.93 0.49 -10.39	16.51 0.24 -12.63	13.78 0.50 -5.52	11.97 0.25 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.74 0.52 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.54 0.80 -0.18	12.76 0.79 -1.45	14.76 1.04 0.00	16.18 1.14 0.00	19.25 1.27 -0.07	27.93 1.24 -7.48	29.81 0.96 -13.76	31.43 0.77 -18.06	31.49 0.62 -20.85	24.18 1.24 -3.50	42.45 -0.13 -45.17	19.77 0.71 -8.62
ASTORIA___5 23518	17.93 0.49 -10.39	16.51 0.24 -12.62	13.78 0.50 -5.52	11.97 0.25 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.74 0.52 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.54 0.80 -0.18	12.76 0.79 -1.45	14.76 1.04 0.00	16.18 1.14 0.00	19.25 1.27 -0.07	27.93 1.24 -7.48	29.81 0.96 -13.76	31.43 0.77 -18.06	31.49 0.63 -20.85	24.18 1.24 -3.50	42.45 -0.13 -45.17	19.79 0.71 -8.64
AST_ENERGY_2_CC3 323677	17.90 0.47 -10.38	16.50 0.23 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.39 0.00	8.71 0.49 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.49 0.75 -0.18	12.72 0.75 -1.45	14.71 0.99 0.00	16.12 1.08 0.00	19.20 1.22 -0.07	27.86 1.16 -7.48	29.74 0.89 -13.76	31.38 0.72 -18.06	31.45 0.58 -20.85	24.09 1.16 -3.50	42.46 -0.12 -45.17	19.74 0.67 -8.64
AST_ENERGY_2_CC4 323678	17.90 0.47 -10.38	16.50 0.23 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.39 0.00	8.71 0.49 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.49 0.75 -0.18	12.72 0.75 -1.45	14.71 0.99 0.00	16.12 1.08 0.00	19.20 1.22 -0.07	27.86 1.16 -7.48	29.74 0.89 -13.76	31.38 0.72 -18.06	31.45 0.58 -20.85	24.09 1.16 -3.50	42.46 -0.12 -45.17	19.74 0.67 -8.64
ATHENS_STG_1 23668	19.40 0.25 -12.11	18.49 0.13 -14.72	14.47 0.27 -6.44	13.12 0.14 -8.87	19.72 0.09 -16.91	14.75 0.04 -13.46	11.06 0.07 -8.69	11.26 0.22 -4.33	6.77 0.22 0.00	8.48 0.26 0.00	4.59 0.14 0.00	3.79 0.13 0.00	11.15 0.39 -0.21	12.59 0.38 -1.69	14.21 0.48 0.00	15.56 0.52 0.00	18.62 0.63 -0.08	28.60 0.66 -8.72	31.67 0.53 -16.05	34.09 0.43 -21.07	34.67 0.34 -24.31	24.18 0.66 -4.08	50.01 -0.08 -52.68	20.86 0.35 -10.08
ATHENS_STG_2 23670	19.40 0.25 -12.11	18.49 0.13 -14.72	14.47 0.27 -6.44	13.12 0.14 -8.87	19.72 0.09 -16.91	14.75 0.04 -13.46	11.06 0.07 -8.69	11.26 0.22 -4.33	6.77 0.22 0.00	8.48 0.26 0.00	4.59 0.14 0.00	3.79 0.13 0.00	11.15 0.39 -0.21	12.59 0.38 -1.69	14.21 0.48 0.00	15.56 0.52 0.00	18.62 0.63 -0.08	28.60 0.66 -8.72	31.67 0.53 -16.05	34.09 0.43 -21.07	34.67 0.34 -24.31	24.18 0.66 -4.08	50.01 -0.08 -52.68	20.86 0.35 -10.08

ATHENS_STG_3 23677	19.40 0.25 -12.11	18.49 0.13 -14.72	14.47 0.27 -6.44	13.12 0.14 -8.87	19.72 0.09 -16.91	14.75 0.04 -13.46	11.06 0.07 -8.69	11.26 0.22 -4.33	6.77 0.22 0.00	8.48 0.26 0.00	4.59 0.14 0.00	3.79 0.13 0.00	11.15 0.39 -0.21	12.59 0.38 -1.69	14.21 0.48 0.00	15.56 0.52 0.00	18.62 0.63 -0.08	28.60 0.66 -8.72	31.67 0.53 -16.05	34.09 0.43 -21.07	34.67 0.34 -24.31	24.18 0.66 -4.08	50.01 -0.08 -52.68	20.86 0.35 -10.08
AUBURN____LFGE 323710	8.45 0.00 -1.41	5.36 -0.01 -1.72	8.44 -0.03 -0.71	5.14 -0.01 -1.04	4.70 -0.01 -1.98	2.82 0.00 -1.58	3.31 0.00 -1.02	7.21 -0.01 -0.51	6.51 -0.04 0.00	8.22 0.00 0.00	4.47 0.02 0.00	3.68 0.01 0.00	10.64 0.05 -0.02	10.78 0.07 -0.20	13.77 0.04 0.00	15.18 0.15 0.00	18.12 0.19 -0.01	20.49 0.25 -1.02	17.16 0.18 -1.88	15.26 0.19 -2.47	13.02 0.15 -2.85	20.13 0.21 -0.48	3.56 -0.03 -6.18	11.67 0.05 -1.18
BABYLON_RES_REC 323704	18.00 0.57 -10.39	16.58 0.31 -12.63	13.91 0.63 -5.52	12.04 0.33 -7.60	17.43 0.21 -14.50	12.89 0.10 -11.55	9.93 0.18 -7.46	10.98 0.56 -3.71	7.05 0.51 0.00	8.77 0.55 0.00	4.78 0.33 0.00	3.96 0.29 0.00	11.62 0.88 -0.18	12.83 0.86 -1.45	14.88 1.15 0.00	16.25 1.21 0.00	43.32 1.54 -23.87	41.21 1.58 -20.42	37.05 1.29 -20.67	33.98 1.05 -20.33	43.43 0.88 -32.54	38.83 1.69 -17.70	84.69 -0.20 -87.48	37.98 0.95 -26.60
BABYLON__69_KV_BK2 356345	18.07 0.63 -10.39	16.61 0.34 -12.63	13.98 0.70 -5.52	12.08 0.36 -7.60	17.45 0.23 -14.50	12.90 0.11 -11.55	9.95 0.20 -7.46	11.05 0.62 -3.71	7.12 0.57 0.00	8.84 0.62 0.00	4.81 0.36 0.00	3.98 0.32 0.00	11.70 0.96 -0.18	12.91 0.94 -1.45	14.99 1.26 0.00	16.37 1.33 0.00	43.48 1.69 -23.87	41.39 1.76 -20.42	37.19 1.43 -20.67	34.09 1.16 -20.33	43.53 0.97 -32.54	39.01 1.87 -17.70	84.66 -0.23 -87.48	38.05 1.05 -26.58
BARON_WINDS____WT_PWR 323822	9.33 -0.01 -2.29	6.42 -0.01 -2.78	8.94 -0.03 -1.22	5.76 -0.02 -1.68	5.89 -0.03 -3.20	3.79 0.00 -2.55	3.91 -0.03 -1.64	7.47 -0.07 -0.82	6.52 -0.02 0.00	8.28 0.06 0.00	4.49 0.04 0.00	3.70 0.04 0.00	10.72 0.11 -0.04	10.92 0.08 -0.32	13.72 -0.01 0.00	14.99 -0.04 0.00	17.78 -0.15 -0.02	20.92 0.06 -1.65	18.11 -0.02 -3.03	16.63 0.05 -3.98	14.66 0.05 -4.60	20.10 -0.11 -0.77	7.34 -0.04 -9.96	12.28 -0.05 -1.91
BARRETT_IC_1 23704	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BARRETT_IC_10 23701	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BARRETT_IC_11 23702	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BARRETT_IC_12 23703	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BARRETT_IC_2 23705	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BARRETT_IC_3 23706	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BARRETT_IC_4 23707	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BARRETT_IC_5 23708	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BARRETT_IC_6 23709	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BARRETT_IC_7 23710	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60

BARRETT_IC_8 23711	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BARRETT_IC_9 23700	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BARRETT___1 23545	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BARRETT___2 23546	17.93 0.49 -10.39	16.54 0.27 -12.63	13.82 0.54 -5.52	12.00 0.28 -7.60	17.40 0.18 -14.50	12.88 0.09 -11.55	9.90 0.15 -7.46	10.90 0.47 -3.71	7.00 0.45 0.00	8.72 0.50 0.00	4.75 0.30 0.00	3.93 0.27 0.00	11.55 0.81 -0.18	12.74 0.77 -1.45	14.74 1.02 0.00	16.09 1.05 0.00	43.10 1.32 -23.87	40.92 1.28 -20.42	36.79 1.03 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.51 1.38 -17.70	84.73 -0.16 -87.48	37.81 0.78 -26.60
BATAVIA___115KV_TB1 55881	8.34 -0.21 -1.51	5.37 -0.12 -1.84	8.30 -0.23 -0.78	5.11 -0.11 -1.11	4.75 -0.09 -2.12	2.91 -0.02 -1.69	3.33 -0.06 -1.09	7.04 -0.22 -0.54	6.39 -0.15 0.00	8.13 -0.09 0.00	4.39 -0.06 0.00	3.61 -0.06 0.00	10.39 -0.20 -0.03	10.62 -0.11 -0.21	13.63 -0.10 0.00	14.90 -0.13 0.00	17.54 -0.38 -0.01	19.91 -0.39 -1.09	16.85 -0.26 -2.01	15.10 -0.14 -2.64	12.97 -0.09 -3.05	19.53 -0.42 -0.51	4.02 0.01 -6.60	11.44 -0.25 -1.25
BAYONEEC___CTG1 323682	17.90 0.47 -10.38	16.50 0.23 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.10 0.00	19.21 1.23 -0.07	27.88 1.19 -7.48	29.77 0.91 -13.76	31.39 0.73 -18.06	31.46 0.60 -20.85	24.12 1.18 -3.50	42.46 -0.13 -45.17	19.75 0.68 -8.64
BAYONEEC___CTG10 323750	17.90 0.47 -10.38	16.50 0.23 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.10 0.00	19.21 1.23 -0.07	27.88 1.19 -7.48	29.77 0.91 -13.76	31.39 0.73 -18.06	31.46 0.60 -20.85	24.12 1.18 -3.50	42.46 -0.13 -45.17	19.75 0.68 -8.64
BAYONEEC___CTG2 323683	17.90 0.47 -10.38	16.50 0.23 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.10 0.00	19.21 1.23 -0.07	27.88 1.19 -7.48	29.77 0.91 -13.76	31.39 0.73 -18.06	31.46 0.60 -20.85	24.12 1.18 -3.50	42.46 -0.13 -45.17	19.75 0.68 -8.64
BAYONEEC___CTG3 323684	17.90 0.47 -10.38	16.50 0.23 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.10 0.00	19.21 1.23 -0.07	27.88 1.19 -7.48	29.77 0.91 -13.76	31.39 0.73 -18.06	31.46 0.60 -20.85	24.12 1.18 -3.50	42.46 -0.13 -45.17	19.75 0.68 -8.64
BAYONEEC___CTG4 323685	17.90 0.47 -10.38	16.50 0.23 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.10 0.00	19.21 1.23 -0.07	27.88 1.19 -7.48	29.77 0.91 -13.76	31.39 0.73 -18.06	31.46 0.60 -20.85	24.12 1.18 -3.50	42.46 -0.13 -45.17	19.75 0.68 -8.64
BAYONEEC___CTG5 323686	17.90 0.47 -10.38	16.50 0.23 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.10 0.00	19.21 1.23 -0.07	27.88 1.19 -7.48	29.77 0.91 -13.76	31.39 0.73 -18.06	31.46 0.60 -20.85	24.12 1.18 -3.50	42.46 -0.13 -45.17	19.75 0.68 -8.64
BAYONEEC___CTG6 323687	17.90 0.47 -10.38	16.50 0.23 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.10 0.00	19.21 1.23 -0.07	27.88 1.19 -7.48	29.77 0.91 -13.76	31.39 0.73 -18.06	31.46 0.60 -20.85	24.12 1.18 -3.50	42.46 -0.13 -45.17	19.75 0.68 -8.64
BAYONEEC___CTG7 323688	17.90 0.47 -10.38	16.50 0.23 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.10 0.00	19.21 1.23 -0.07	27.88 1.19 -7.48	29.77 0.91 -13.76	31.39 0.73 -18.06	31.46 0.60 -20.85	24.12 1.18 -3.50	42.46 -0.13 -45.17	19.75 0.68 -8.64
BAYONEEC___CTG8 323689	17.90 0.47 -10.38	16.50 0.23 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.10 0.00	19.21 1.23 -0.07	27.88 1.19 -7.48	29.77 0.91 -13.76	31.39 0.73 -18.06	31.46 0.60 -20.85	24.12 1.18 -3.50	42.46 -0.13 -45.17	19.75 0.68 -8.64
BAYONEEC___CTG9 323749	17.90 0.47 -10.38	16.50 0.23 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.10 0.00	19.21 1.23 -0.07	27.88 1.19 -7.48	29.77 0.91 -13.76	31.39 0.73 -18.06	31.46 0.60 -20.85	24.12 1.18 -3.50	42.46 -0.13 -45.17	19.75 0.68 -8.64

CPV_VALLEY___CC2 323722	15.93 0.34 -8.54	14.20 0.17 -10.39	12.65 0.35 -4.54	10.55 0.18 -6.26	14.76 0.12 -11.93	10.79 0.05 -9.50	8.53 0.10 -6.13	10.07 0.30 -3.05	6.84 0.29 0.00	8.58 0.36 0.00	4.65 0.20 0.00	3.84 0.18 0.00	11.25 0.54 -0.15	12.25 0.54 -1.19	14.42 0.69 0.00	15.80 0.76 0.00	18.88 0.91 -0.05	26.30 0.93 -6.15	27.16 0.75 -11.32	28.07 0.61 -14.86	27.66 0.49 -17.15	23.25 0.94 -2.88	34.47 -0.11 -37.16	18.05 0.51 -7.11
CRESCENT___HYD 24018	21.08 0.20 -13.83	20.56 0.11 -16.82	15.34 0.23 -7.35	14.36 0.12 -10.13	22.11 0.08 -19.31	16.65 0.04 -15.38	12.30 0.07 -9.93	11.85 0.20 -4.94	6.73 0.19 0.00	8.42 0.20 0.00	4.56 0.11 0.00	3.77 0.10 0.00	11.09 0.29 -0.23	12.74 0.30 -1.93	14.10 0.37 0.00	15.39 0.36 0.00	18.49 0.49 -0.09	29.74 0.56 -9.96	33.89 0.47 -18.33	37.04 0.39 -24.05	38.09 0.31 -27.76	24.69 0.60 -4.66	57.50 -0.08 -60.17	22.26 0.31 -11.51
CRICKET___VALLEY_CC1 323756	18.53 0.32 -11.16	17.37 0.15 -13.57	14.02 0.33 -5.93	12.46 0.17 -8.17	18.42 0.11 -15.58	13.70 0.05 -12.41	10.40 0.09 -8.01	10.99 0.29 -3.99	6.83 0.29 0.00	8.55 0.33 0.00	4.63 0.18 0.00	3.83 0.17 0.00	11.25 0.49 -0.19	12.56 0.49 -1.56	14.36 0.63 0.00	15.73 0.69 0.00	18.79 0.81 -0.07	28.10 0.84 -8.04	30.59 0.70 -14.79	32.57 0.56 -19.42	32.86 0.43 -22.41	24.06 0.86 -3.76	45.88 -0.09 -48.56	20.16 0.44 -9.29
CRICKET___VALLEY_CC2 323757	18.53 0.32 -11.16	17.37 0.15 -13.57	14.02 0.33 -5.93	12.46 0.17 -8.17	18.42 0.11 -15.58	13.70 0.05 -12.41	10.40 0.09 -8.01	10.99 0.29 -3.99	6.83 0.29 0.00	8.55 0.33 0.00	4.63 0.18 0.00	3.83 0.17 0.00	11.25 0.49 -0.19	12.56 0.49 -1.56	14.36 0.63 0.00	15.73 0.69 0.00	18.79 0.81 -0.07	28.10 0.84 -8.04	30.59 0.70 -14.79	32.57 0.56 -19.42	32.86 0.43 -22.41	24.06 0.86 -3.76	45.88 -0.09 -48.56	20.16 0.44 -9.29
CRICKET___VALLEY_CC3 323758	18.53 0.32 -11.16	17.37 0.15 -13.57	14.02 0.33 -5.93	12.46 0.17 -8.17	18.42 0.11 -15.58	13.70 0.05 -12.41	10.40 0.09 -8.01	10.99 0.29 -3.99	6.83 0.29 0.00	8.55 0.33 0.00	4.63 0.18 0.00	3.83 0.17 0.00	11.25 0.49 -0.19	12.56 0.49 -1.56	14.36 0.63 0.00	15.73 0.69 0.00	18.79 0.81 -0.07	28.10 0.84 -8.04	30.59 0.70 -14.79	32.57 0.56 -19.42	32.86 0.43 -22.41	24.06 0.86 -3.76	45.88 -0.09 -48.56	20.16 0.44 -9.29
CRUCIBLE_METL_DRP 24180	8.12 -0.10 -1.18	5.02 -0.06 -1.44	8.24 -0.13 -0.61	4.91 -0.06 -0.87	4.33 -0.05 -1.66	2.54 -0.02 -1.32	3.11 -0.03 -0.85	7.04 -0.10 -0.42	6.45 -0.10 0.00	8.12 -0.10 0.00	4.40 -0.05 0.00	3.62 -0.04 0.00	10.46 -0.13 -0.02	10.56 -0.12 -0.17	13.55 -0.18 0.00	14.89 -0.15 0.00	17.75 -0.18 -0.01	19.93 -0.14 -0.85	16.55 -0.11 -1.57	14.58 -0.08 -2.06	12.34 -0.05 -2.38	19.65 -0.18 -0.40	2.58 0.02 -5.15	11.27 -0.15 -0.98
DAHOWA___HYDRO 323763	21.46 0.27 -14.14	20.97 0.14 -17.20	15.56 0.28 -7.52	14.61 0.15 -10.36	22.57 0.10 -19.74	17.01 0.05 -15.72	12.54 0.09 -10.16	12.02 0.25 -5.05	6.76 0.22 0.00	8.43 0.21 0.00	4.57 0.12 0.00	3.78 0.11 0.00	11.13 0.33 -0.24	12.82 0.33 -1.98	14.17 0.44 0.00	15.51 0.47 0.00	18.71 0.71 -0.09	30.26 0.85 -10.19	34.54 0.70 -18.74	37.81 0.61 -24.60	38.89 0.48 -28.39	25.10 0.89 -4.77	58.83 -0.11 -61.53	22.60 0.40 -11.77
DANC___LFGE 323619	7.44 -0.40 -0.79	4.40 -0.20 -0.96	7.74 -0.44 -0.42	4.45 -0.24 -0.58	3.67 -0.15 -1.10	2.06 -0.06 -0.87	2.75 -0.11 -0.56	6.72 -0.27 -0.28	6.27 -0.28 0.00	7.87 -0.35 0.00	4.26 -0.19 0.00	3.50 -0.16 0.00	10.13 -0.44 -0.01	10.19 -0.44 -0.11	13.14 -0.59 0.00	14.55 -0.49 0.00	17.44 -0.48 -0.01	19.43 -0.35 -0.57	15.86 -0.28 -1.04	13.80 -0.16 -1.37	11.50 -0.09 -1.58	19.45 -0.25 -0.27	0.86 0.03 -3.42	10.86 -0.22 -0.65
DANSKAMMER___1 23586	17.86 0.48 -10.34	16.45 0.24 -12.57	13.74 0.49 -5.49	11.93 0.25 -7.57	17.32 0.16 -14.43	12.81 0.08 -11.49	9.86 0.14 -7.42	10.83 0.42 -3.69	6.96 0.41 0.00	8.72 0.50 0.00	4.72 0.27 0.00	3.90 0.24 0.00	11.46 0.72 -0.18	12.68 0.72 -1.44	14.66 0.93 0.00	16.08 1.05 0.00	19.25 1.27 -0.07	28.00 1.34 -7.45	29.87 1.08 -13.70	31.47 0.89 -17.98	31.48 0.71 -20.75	24.28 1.36 -3.48	42.22 -0.15 -44.97	19.74 0.71 -8.60
DANSKAMMER___2 23589	17.86 0.48 -10.34	16.45 0.24 -12.57	13.74 0.49 -5.49	11.93 0.25 -7.57	17.32 0.16 -14.43	12.81 0.08 -11.49	9.86 0.14 -7.42	10.83 0.42 -3.69	6.96 0.41 0.00	8.72 0.50 0.00	4.72 0.27 0.00	3.90 0.24 0.00	11.46 0.72 -0.18	12.68 0.72 -1.44	14.66 0.93 0.00	16.08 1.05 0.00	19.25 1.27 -0.07	28.00 1.34 -7.45	29.87 1.08 -13.70	31.47 0.89 -17.98	31.48 0.71 -20.75	24.28 1.36 -3.48	42.22 -0.15 -44.97	19.74 0.71 -8.60
DANSKAMMER___3 23590	17.86 0.48 -10.34	16.45 0.24 -12.57	13.74 0.49 -5.49	11.93 0.25 -7.57	17.32 0.16 -14.43	12.81 0.08 -11.49	9.86 0.14 -7.42	10.83 0.42 -3.69	6.96 0.41 0.00	8.72 0.50 0.00	4.72 0.27 0.00	3.90 0.24 0.00	11.46 0.72 -0.18	12.68 0.72 -1.44	14.66 0.93 0.00	16.08 1.05 0.00	19.25 1.27 -0.07	28.00 1.34 -7.45	29.87 1.08 -13.70	31.47 0.89 -17.98	31.48 0.71 -20.75	24.28 1.36 -3.48	42.22 -0.15 -44.97	19.74 0.71 -8.60
DANSKAMMER___4 23591	17.86 0.48 -10.34	16.45 0.24 -12.57	13.74 0.49 -5.49	11.93 0.25 -7.57	17.32 0.16 -14.43	12.81 0.08 -11.49	9.86 0.14 -7.42	10.83 0.42 -3.69	6.96 0.41 0.00	8.72 0.50 0.00	4.72 0.27 0.00	3.90 0.24 0.00	11.46 0.72 -0.18	12.68 0.72 -1.44	14.66 0.93 0.00	16.08 1.05 0.00	19.25 1.27 -0.07	28.00 1.34 -7.45	29.87 1.08 -13.70	31.47 0.89 -17.98	31.48 0.71 -20.75	24.28 1.36 -3.48	42.22 -0.15 -44.97	19.74 0.71 -8.60
DANSKAMMER___DIESEL 23592	17.88 0.48 -10.36	16.45 0.24 -12.57	13.80 0.49 -5.55	11.93 0.25 -7.57	17.32 0.16 -14.43	12.81 0.08 -11.49	9.86 0.14 -7.42	10.83 0.42 -3.69	6.96 0.41 0.00	8.72 0.50 0.00	4.72 0.27 0.00	3.90 0.24 0.00	11.46 0.72 -0.18	12.68 0.71 -1.44	14.66 0.93 0.00	16.08 1.05 0.00	19.25 1.27 -0.07	28.00 1.34 -7.45	29.87 1.08 -13.70	31.47 0.89 -17.98	31.48 0.71 -20.75	24.28 1.36 -3.48	42.23 -0.15 -44.97	19.80 0.71 -8.66
DARBY___SOLAR 323810	21.39 0.27 -14.08	20.91 0.14 -17.13	15.48 0.28 -7.43	14.58 0.15 -10.32	22.51 0.10 -19.68	16.96 0.05 -15.67	12.51 0.09 -10.12	12.01 0.26 -5.04	6.78 0.23 0.00	8.45 0.23 0.00	4.59 0.14 0.00	3.79 0.12 0.00	11.16 0.35 -0.24	12.84 0.36 -1.97	14.20 0.47 0.00	15.54 0.50 0.00	18.73 0.73 -0.09	30.23 0.86 -10.15	34.48 0.70 -18.68	37.71 0.60 -24.52	38.79 0.48 -28.30	25.07 0.89 -4.75	58.63 -0.11 -61.33	22.59 0.41 -11.74
DASHVILLE___HYD 23610	18.25 0.62 -10.59	16.82 0.30 -12.88	13.99 0.62 -5.61	12.18 0.32 -7.76	17.71 0.20 -14.79	13.11 0.09 -11.78	10.07 0.17 -7.60	11.03 0.53 -3.78	7.05 0.51 0.00	8.83 0.61 0.00	4.78 0.33 0.00	3.94 0.27 0.00	11.57 0.82 -0.18	12.82 0.83 -1.48	14.82 1.09 0.00	16.29 1.25 0.00	19.52 1.54 -0.07	28.54 1.70 -7.63	30.51 1.38 -14.03	32.17 1.16 -18.42	32.20 0.93 -21.26	24.78 1.77 -3.57	43.28 -0.20 -46.07	20.06 0.88 -8.75

GLENWOOD_IC_1_G5 23712	17.96 0.52 -10.39	16.54 0.27 -12.63	13.84 0.55 -5.52	12.00 0.29 -7.60	17.40 0.18 -14.50	12.87 0.08 -11.55	9.91 0.16 -7.46	10.91 0.48 -3.71	7.00 0.46 0.00	8.76 0.54 0.00	4.77 0.32 0.00	3.94 0.28 0.00	11.59 0.85 -0.18	12.81 0.84 -1.45	14.84 1.11 0.00	16.23 1.20 0.00	43.23 1.44 -23.87	41.08 1.45 -20.42	36.85 1.09 -20.67	33.82 0.89 -20.33	43.28 0.73 -32.54	38.55 1.41 -17.70	84.72 -0.17 -87.48	37.82 0.81 -26.58
GLENWOOD_IC_2_G1 23688	17.93 0.49 -10.39	16.52 0.25 -12.63	13.79 0.52 -5.52	11.98 0.27 -7.60	17.39 0.17 -14.50	12.87 0.08 -11.55	9.90 0.15 -7.46	10.87 0.44 -3.71	6.97 0.43 0.00	8.73 0.51 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.54 0.80 -0.18	12.76 0.79 -1.45	14.77 1.04 0.00	16.16 1.12 0.00	43.12 1.34 -23.87	40.97 1.33 -20.42	36.81 1.05 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.49 1.35 -17.70	84.74 -0.16 -87.48	37.78 0.75 -26.60
GLENWOOD_IC_3_G1 23689	17.93 0.49 -10.39	16.52 0.25 -12.63	13.79 0.52 -5.52	11.98 0.27 -7.60	17.39 0.17 -14.50	12.87 0.08 -11.55	9.90 0.15 -7.46	10.87 0.44 -3.71	6.97 0.43 0.00	8.73 0.51 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.54 0.80 -0.18	12.76 0.79 -1.45	14.77 1.04 0.00	16.16 1.12 0.00	43.12 1.34 -23.87	40.97 1.33 -20.42	36.81 1.05 -20.67	33.78 0.85 -20.33	43.25 0.70 -32.54	38.49 1.35 -17.70	84.74 -0.16 -87.48	37.78 0.75 -26.60
GLENWOOD___4 23550	17.96 0.52 -10.39	16.54 0.27 -12.63	13.84 0.55 -5.52	12.00 0.29 -7.60	17.40 0.18 -14.50	12.87 0.08 -11.55	9.91 0.16 -7.46	10.91 0.48 -3.71	7.00 0.46 0.00	8.76 0.54 0.00	4.77 0.32 0.00	3.94 0.28 0.00	11.59 0.85 -0.18	12.81 0.84 -1.45	14.84 1.11 0.00	16.23 1.20 0.00	43.23 1.44 -23.87	41.08 1.45 -20.42	36.86 1.10 -20.67	33.83 0.91 -20.33	43.30 0.74 -32.54	38.57 1.44 -17.70	84.72 -0.17 -87.48	37.82 0.81 -26.58
GLENWOOD___5 23614	17.96 0.52 -10.39	16.54 0.27 -12.63	13.84 0.55 -5.52	12.00 0.29 -7.60	17.40 0.18 -14.50	12.87 0.08 -11.55	9.91 0.16 -7.46	10.91 0.48 -3.71	7.00 0.46 0.00	8.76 0.54 0.00	4.77 0.32 0.00	3.94 0.28 0.00	11.59 0.85 -0.18	12.81 0.84 -1.45	14.84 1.11 0.00	16.23 1.20 0.00	43.23 1.44 -23.87	41.08 1.45 -20.42	36.86 1.10 -20.67	33.83 0.91 -20.33	43.30 0.74 -32.54	38.57 1.44 -17.70	84.72 -0.17 -87.48	37.82 0.81 -26.58
GLOBAL GREEN_PORT_GT1 23814	18.18 0.75 -10.39	16.67 0.40 -12.63	14.11 0.83 -5.52	12.16 0.44 -7.60	17.51 0.28 -14.50	12.93 0.14 -11.55	10.00 0.24 -7.46	11.19 0.76 -3.71	7.23 0.68 0.00	8.97 0.75 0.00	4.87 0.42 0.00	4.03 0.37 0.00	11.84 1.10 -0.18	13.04 1.08 -1.45	15.17 1.44 0.00	16.58 1.55 0.00	43.79 2.01 -23.87	41.81 2.18 -20.42	37.56 1.80 -20.67	34.42 1.49 -20.33	43.81 1.25 -32.54	39.50 2.36 -17.70	84.61 -0.28 -87.48	38.29 1.26 -26.60
GLOBE___DSASP 323697	8.12 -0.58 -1.65	5.34 -0.31 -2.01	8.03 -0.59 -0.87	5.02 -0.30 -1.21	4.79 -0.24 -2.31	2.99 -0.08 -1.84	3.32 -0.16 -1.19	6.77 -0.54 -0.59	6.11 -0.44 0.00	7.82 -0.40 0.00	4.24 -0.21 0.00	3.49 -0.17 0.00	10.02 -0.57 -0.03	10.20 -0.55 -0.23	12.93 -0.80 0.00	14.10 -0.93 0.00	16.51 -1.41 -0.01	18.88 -1.53 -1.19	16.09 -1.19 -2.19	14.55 -0.92 -2.88	12.60 -0.73 -3.32	18.44 -1.56 -0.56	4.75 0.15 -7.19	10.94 -0.87 -1.37
GOETHSLN___LBMP 323567	17.87 0.44 -10.39	16.48 0.22 -12.62	13.72 0.44 -5.52	11.94 0.22 -7.60	17.35 0.14 -14.49	12.85 0.06 -11.54	9.87 0.12 -7.45	10.80 0.37 -3.71	6.92 0.37 0.00	8.69 0.47 0.00	4.71 0.26 0.00	3.89 0.23 0.00	11.45 0.71 -0.18	12.67 0.71 -1.45	14.66 0.94 0.00	16.08 1.04 0.00	19.12 1.14 -0.07	27.80 1.10 -7.48	29.70 0.84 -13.76	31.34 0.68 -18.06	31.42 0.56 -20.85	24.04 1.10 -3.50	42.46 -0.11 -45.17	19.68 0.63 -8.62
GOLAH___69_KV_TB 1_2 80279	8.18 -0.24 -1.37	5.19 -0.13 -1.67	8.21 -0.26 -0.71	4.99 -0.13 -1.01	4.55 -0.10 -1.93	2.74 -0.03 -1.53	3.22 -0.07 -0.99	6.97 -0.24 -0.49	6.36 -0.18 0.00	8.07 -0.15 0.00	4.37 -0.08 0.00	3.59 -0.07 0.00	10.37 -0.22 -0.02	10.53 -0.17 -0.19	13.52 -0.21 0.00	14.80 -0.24 0.00	17.49 -0.44 -0.01	19.77 -0.44 -0.99	16.59 -0.34 -1.83	14.78 -0.22 -2.40	12.62 -0.17 -2.77	19.38 -0.52 -0.47	3.44 0.02 -6.00	11.28 -0.31 -1.16
GOODYEAR_LAKE_HYD 323669	9.10 0.30 -1.76	6.09 0.16 -2.29	8.56 0.32 -0.49	5.69 0.17 -1.41	5.53 0.12 -2.69	3.44 0.05 -2.15	3.77 0.09 -1.39	7.68 0.28 -0.69	6.82 0.28 0.00	8.57 0.35 0.00	4.63 0.18 0.00	3.81 0.15 0.00	11.03 0.43 -0.03	11.21 0.43 -0.27	14.29 0.56 0.00	15.72 0.68 0.00	18.75 0.82 -0.01	21.53 0.93 -1.39	18.38 0.73 -2.56	16.56 0.61 -3.36	14.39 0.50 -3.87	21.01 0.92 -0.65	5.71 -0.11 -8.41	12.63 0.46 -1.74
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	10.32 0.09 -3.19	7.57 0.04 -3.89	9.48 0.08 -1.65	6.49 0.04 -2.34	7.22 0.03 -4.47	4.82 0.02 -3.56	4.61 0.02 -2.30	7.95 0.09 -1.14	6.64 0.10 0.00	8.36 0.14 0.00	4.52 0.07 0.00	3.72 0.06 0.00	10.81 0.19 -0.05	11.12 0.16 -0.45	13.88 0.16 0.00	15.25 0.21 0.00	18.17 0.24 -0.02	21.85 0.33 -2.31	19.53 0.19 -4.24	18.35 0.19 -5.57	16.60 0.16 -6.43	20.74 0.23 -1.08	11.28 -0.05 -13.92	13.16 0.10 -2.63
GOUDEY___7 23579	10.32 0.09 -3.19	7.57 0.04 -3.89	9.49 0.08 -1.65	6.50 0.04 -2.34	7.22 0.03 -4.47	4.82 0.02 -3.56	4.62 0.02 -2.30	7.96 0.10 -1.14	6.65 0.10 0.00	8.36 0.14 0.00	4.52 0.07 0.00	3.73 0.06 0.00	10.81 0.20 -0.05	11.13 0.17 -0.45	13.89 0.17 0.00	15.26 0.23 0.00	18.19 0.25 -0.02	21.86 0.35 -2.31	19.54 0.21 -4.24	18.36 0.20 -5.57	16.61 0.16 -6.43	20.76 0.25 -1.08	11.28 -0.05 -13.92	13.17 0.11 -2.63
GOUDEY___8 23580	10.32 0.09 -3.19	7.57 0.04 -3.89	9.48 0.08 -1.65	6.49 0.04 -2.34	7.22 0.03 -4.47	4.82 0.02 -3.56	4.61 0.02 -2.30	7.95 0.09 -1.14	6.64 0.10 0.00	8.36 0.14 0.00	4.52 0.07 0.00	3.72 0.06 0.00	10.81 0.19 -0.05	11.12 0.16 -0.45	13.88 0.16 0.00	15.25 0.21 0.00	18.17 0.24 -0.02	21.85 0.33 -2.31	19.53 0.19 -4.24	18.35 0.19 -5.57	16.60 0.16 -6.43	20.74 0.23 -1.08	11.28 -0.05 -13.92	13.16 0.10 -2.63
GOWANUS_GT1_1 24077	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
GOWANUS_GT1_2 24078	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64

HOLTSVILLE_IC_4 23693	18.01 0.58 -10.39	16.59 0.32 -12.63	13.93 0.65 -5.52	12.06 0.34 -7.60	17.44 0.22 -14.50	12.89 0.11 -11.55	9.95 0.19 -7.46	11.02 0.59 -3.71	7.08 0.53 0.00	8.79 0.57 0.00	4.78 0.34 0.00	3.96 0.30 0.00	11.64 0.90 -0.18	12.85 0.88 -1.45	14.90 1.17 0.00	16.25 1.21 0.00	43.35 1.56 -23.87	41.26 1.63 -20.42	37.10 1.34 -20.67	34.01 1.08 -20.33	43.46 0.91 -32.54	38.88 1.75 -17.70	84.69 -0.21 -87.48	38.01 0.99 -26.60
HOLTSVILLE_IC_5 23694	18.01 0.58 -10.39	16.59 0.32 -12.63	13.93 0.65 -5.52	12.06 0.34 -7.60	17.44 0.22 -14.50	12.89 0.11 -11.55	9.95 0.19 -7.46	11.02 0.59 -3.71	7.08 0.53 0.00	8.79 0.57 0.00	4.78 0.34 0.00	3.96 0.30 0.00	11.64 0.90 -0.18	12.85 0.88 -1.45	14.90 1.17 0.00	16.25 1.21 0.00	43.35 1.56 -23.87	41.26 1.63 -20.42	37.10 1.34 -20.67	34.01 1.08 -20.33	43.46 0.91 -32.54	38.88 1.75 -17.70	84.69 -0.21 -87.48	38.01 0.99 -26.60
HOLTSVILLE_IC_6 23695	18.03 0.60 -10.39	16.60 0.33 -12.63	13.96 0.68 -5.52	12.07 0.35 -7.60	17.45 0.23 -14.50	12.90 0.11 -11.55	9.95 0.20 -7.46	11.04 0.61 -3.71	7.09 0.55 0.00	8.81 0.59 0.00	4.80 0.35 0.00	3.97 0.31 0.00	11.67 0.94 -0.18	12.89 0.92 -1.45	14.96 1.23 0.00	16.31 1.28 0.00	43.44 1.65 -23.87	41.38 1.75 -20.42	37.19 1.44 -20.67	34.08 1.16 -20.33	43.53 0.97 -32.54	39.01 1.88 -17.70	84.67 -0.23 -87.48	38.07 1.05 -26.60
HOLTSVILLE_IC_7 23696	18.03 0.60 -10.39	16.60 0.33 -12.63	13.96 0.68 -5.52	12.07 0.35 -7.60	17.45 0.23 -14.50	12.90 0.11 -11.55	9.95 0.20 -7.46	11.04 0.61 -3.71	7.09 0.55 0.00	8.81 0.59 0.00	4.80 0.35 0.00	3.97 0.31 0.00	11.67 0.94 -0.18	12.89 0.92 -1.45	14.96 1.23 0.00	16.31 1.28 0.00	43.44 1.65 -23.87	41.38 1.75 -20.42	37.19 1.44 -20.67	34.08 1.16 -20.33	43.53 0.97 -32.54	39.01 1.88 -17.70	84.67 -0.23 -87.48	38.07 1.05 -26.60
HOLTSVILLE_IC_8 23697	18.03 0.60 -10.39	16.60 0.33 -12.63	13.96 0.68 -5.52	12.07 0.35 -7.60	17.45 0.23 -14.50	12.90 0.11 -11.55	9.95 0.20 -7.46	11.04 0.61 -3.71	7.09 0.55 0.00	8.81 0.59 0.00	4.80 0.35 0.00	3.97 0.31 0.00	11.67 0.94 -0.18	12.89 0.92 -1.45	14.96 1.23 0.00	16.31 1.28 0.00	43.44 1.65 -23.87	41.38 1.75 -20.42	37.19 1.44 -20.67	34.08 1.16 -20.33	43.53 0.97 -32.54	39.01 1.88 -17.70	84.67 -0.23 -87.48	38.07 1.05 -26.60
HOLTSVILLE_IC_9 23698	18.03 0.60 -10.39	16.60 0.33 -12.63	13.96 0.68 -5.52	12.07 0.35 -7.60	17.45 0.23 -14.50	12.90 0.11 -11.55	9.95 0.20 -7.46	11.04 0.61 -3.71	7.09 0.55 0.00	8.81 0.59 0.00	4.80 0.35 0.00	3.97 0.31 0.00	11.67 0.94 -0.18	12.89 0.92 -1.45	14.96 1.23 0.00	16.31 1.28 0.00	43.44 1.65 -23.87	41.38 1.75 -20.42	37.19 1.44 -20.67	34.08 1.16 -20.33	43.53 0.97 -32.54	39.01 1.88 -17.70	84.67 -0.23 -87.48	38.07 1.05 -26.60
HOMER_HL_115KV_TB2 355744	9.14 0.11 -1.99	6.12 0.05 -2.43	8.90 0.12 -1.03	5.64 0.06 -1.47	5.55 0.03 -2.79	3.49 0.03 -2.22	3.77 0.04 -1.43	7.55 0.12 -0.71	6.77 0.22 0.00	8.62 0.40 0.00	4.64 0.19 0.00	3.80 0.14 0.00	10.97 0.38 -0.03	11.15 0.36 -0.28	14.12 0.40 0.00	15.46 0.42 0.00	18.25 0.33 -0.01	20.99 0.34 -1.44	17.90 0.16 -2.65	16.24 0.16 -3.48	14.18 0.15 -4.01	20.21 0.10 -0.67	5.98 -0.13 -8.70	12.24 0.14 -1.67
HOWARD_WT_PWR 323690	9.27 0.04 -2.18	6.31 0.02 -2.65	8.95 0.04 -1.16	5.72 0.01 -1.60	5.76 -0.01 -3.04	3.67 0.00 -2.43	3.84 -0.02 -1.57	7.44 -0.05 -0.78	6.57 0.03 0.00	8.36 0.14 0.00	4.52 0.08 0.00	3.73 0.07 0.00	10.76 0.16 -0.04	10.96 0.13 -0.30	13.74 0.01 0.00	14.97 -0.06 0.00	17.98 0.05 -0.01	21.08 0.29 -1.57	18.15 0.17 -2.89	16.61 0.22 -3.79	14.57 0.18 -4.38	20.17 -0.01 -0.73	6.86 -0.04 -9.48	12.27 0.02 -1.81
HQ_GEN_CEDARS 23644	7.01 -0.13 -0.10	3.69 -0.07 -0.12	7.68 -0.12 -0.05	4.12 -0.06 -0.07	2.82 -0.04 -0.13	1.33 -0.02 -0.11	2.34 -0.02 -0.07	6.67 -0.08 -0.04	6.46 -0.09 0.00	8.12 -0.10 0.00	4.38 -0.07 0.00	3.59 -0.07 0.00	10.34 -0.22 0.00	10.31 -0.22 -0.01	13.48 -0.25 0.00	14.77 -0.27 0.00	17.59 -0.32 0.00	18.94 -0.35 -0.07	14.95 -0.27 -0.13	12.53 -0.23 -0.17	10.01 -0.20 -0.19	19.14 -0.33 -0.03	-2.12 0.05 -0.42	10.34 -0.17 -0.07
HQ_GEN_CEDARS_PROXY 323590	6.92 -0.13 0.00	3.57 -0.07 0.00	7.64 -0.12 0.00	4.05 -0.06 0.00	2.69 -0.04 0.00	1.22 -0.02 0.00	2.27 -0.02 0.00	6.63 -0.08 0.00	6.46 -0.09 0.00	8.12 -0.10 0.00	4.38 -0.07 0.00	3.59 -0.07 0.00	10.34 -0.22 0.00	10.30 -0.22 0.00	13.48 -0.25 0.00	14.77 -0.27 0.00	17.59 -0.32 0.00	19.20 -0.34 -0.33	14.82 -0.27 0.00	12.80 -0.23 -0.44	9.82 -0.20 0.00	19.10 -0.33 0.00	-2.54 0.05 0.00	10.26 -0.17 0.00
HQ_GEN_IMPORT 323601	6.98 -0.07 0.00	3.60 -0.04 0.00	7.69 -0.07 0.00	4.08 -0.03 0.00	2.70 -0.02 0.00	1.23 -0.01 0.00	2.28 -0.02 0.00	6.66 -0.05 0.00	6.49 -0.06 0.00	8.15 -0.07 0.00	4.41 -0.04 0.00	3.62 -0.04 0.00	10.43 -0.13 0.00	10.39 -0.13 0.00	13.59 -0.15 0.00	14.87 -0.17 0.00	17.71 -0.21 0.00	18.97 -0.25 0.00	14.89 -0.20 0.00	12.42 -0.17 0.00	9.87 -0.15 0.00	19.20 -0.23 0.00	-2.56 0.03 0.00	10.32 -0.11 0.00
HQ_GEN_WHEEL 23651	6.98 -0.07 0.00	3.60 -0.04 0.00	7.69 -0.07 0.00	4.08 -0.03 0.00	2.70 -0.02 0.00	1.23 -0.01 0.00	2.28 -0.02 0.00	6.66 -0.05 0.00	6.49 -0.06 0.00	8.15 -0.07 0.00	4.41 -0.04 0.00	3.62 -0.04 0.00	10.43 -0.13 0.00	10.39 -0.13 0.00	13.59 -0.15 0.00	14.87 -0.17 0.00	17.71 -0.21 0.00	18.97 -0.25 0.00	14.89 -0.20 0.00	12.42 -0.17 0.00	9.87 -0.15 0.00	19.20 -0.23 0.00	-2.56 0.03 0.00	10.32 -0.11 0.00
HUDSON_AVE_GT_3 23810	17.92 0.49 -10.38	16.51 0.24 -12.62	13.77 0.49 -5.52	11.97 0.25 -7.60	17.37 0.16 -14.49	12.86 0.07 -11.54	9.88 0.14 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.73 0.51 0.00	4.74 0.29 0.00	3.92 0.25 0.00	11.52 0.79 -0.18	12.75 0.78 -1.45	14.76 1.03 0.00	16.16 1.13 0.00	19.25 1.27 -0.07	27.94 1.24 -7.48	29.80 0.95 -13.76	31.43 0.77 -18.06	31.49 0.63 -20.85	24.17 1.24 -3.50	42.45 -0.13 -45.17	19.78 0.70 -8.64
HUDSON_AVE_GT_4 23540	17.92 0.49 -10.38	16.51 0.24 -12.62	13.77 0.49 -5.52	11.97 0.25 -7.60	17.37 0.16 -14.49	12.86 0.07 -11.54	9.88 0.14 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.73 0.51 0.00	4.74 0.29 0.00	3.92 0.25 0.00	11.52 0.79 -0.18	12.75 0.78 -1.45	14.76 1.03 0.00	16.16 1.13 0.00	19.25 1.27 -0.07	27.94 1.24 -7.48	29.80 0.95 -13.76	31.43 0.77 -18.06	31.49 0.63 -20.85	24.17 1.24 -3.50	42.45 -0.13 -45.17	19.78 0.70 -8.64
HUDSON_AVE_GT_5 23657	17.92 0.49 -10.38	16.51 0.24 -12.62	13.77 0.49 -5.52	11.97 0.25 -7.60	17.37 0.16 -14.49	12.86 0.07 -11.54	9.88 0.14 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.73 0.51 0.00	4.74 0.29 0.00	3.92 0.25 0.00	11.52 0.79 -0.18	12.75 0.78 -1.45	14.76 1.03 0.00	16.16 1.13 0.00	19.25 1.27 -0.07	27.94 1.24 -7.48	29.80 0.95 -13.76	31.43 0.77 -18.06	31.49 0.63 -20.85	24.17 1.24 -3.50	42.45 -0.13 -45.17	19.78 0.70 -8.64

INDECK___YERKES 23781	8.36 -0.37 -1.68	5.48 -0.20 -2.05	8.25 -0.40 -0.89	5.15 -0.20 -1.23	4.91 -0.16 -2.35	3.06 -0.05 -1.87	3.40 -0.11 -1.21	6.96 -0.36 -0.60	6.29 -0.26 0.00	8.04 -0.18 0.00	4.35 -0.10 0.00	3.58 -0.08 0.00	10.29 -0.30 -0.03	10.48 -0.27 -0.23	13.30 -0.43 0.00	14.50 -0.53 0.00	17.02 -0.91 -0.01	19.45 -0.98 -1.21	16.57 -0.75 -2.23	14.97 -0.55 -2.93	12.97 -0.42 -3.38	18.98 -1.02 -0.57	4.80 0.07 -7.32	11.29 -0.54 -1.40
INDIAN POINT_GT_1 24139	17.71 0.42 -10.25	16.30 0.21 -12.45	13.63 0.42 -5.45	11.83 0.21 -7.50	17.16 0.13 -14.30	12.69 0.06 -11.39	9.77 0.11 -7.36	10.74 0.36 -3.66	6.90 0.35 0.00	8.65 0.43 0.00	4.70 0.24 0.00	3.88 0.21 0.00	11.40 0.67 -0.17	12.61 0.66 -1.43	14.59 0.86 0.00	15.98 0.94 0.00	19.08 1.10 -0.06	27.71 1.11 -7.38	29.55 0.88 -13.58	31.13 0.72 -17.82	31.17 0.58 -20.57	24.00 1.11 -3.45	41.85 -0.13 -44.57	19.57 0.62 -8.52
INDIAN POINT_GT_2 23659	17.71 0.42 -10.25	16.30 0.21 -12.45	13.63 0.42 -5.45	11.83 0.21 -7.50	17.16 0.13 -14.30	12.69 0.06 -11.39	9.77 0.11 -7.36	10.74 0.36 -3.66	6.90 0.35 0.00	8.65 0.43 0.00	4.70 0.24 0.00	3.88 0.21 0.00	11.40 0.67 -0.17	12.61 0.66 -1.43	14.59 0.86 0.00	15.98 0.94 0.00	19.08 1.10 -0.06	27.71 1.11 -7.38	29.55 0.88 -13.58	31.13 0.72 -17.82	31.17 0.58 -20.57	24.00 1.11 -3.45	41.85 -0.13 -44.57	19.57 0.62 -8.52
INDIAN POINT_GT_3 24019	17.71 0.42 -10.25	16.30 0.21 -12.45	13.63 0.42 -5.45	11.83 0.21 -7.50	17.16 0.13 -14.30	12.69 0.06 -11.39	9.77 0.11 -7.36	10.74 0.36 -3.66	6.90 0.35 0.00	8.65 0.43 0.00	4.70 0.24 0.00	3.88 0.21 0.00	11.40 0.67 -0.17	12.61 0.66 -1.43	14.59 0.86 0.00	15.98 0.94 0.00	19.08 1.10 -0.06	27.71 1.11 -7.38	29.55 0.88 -13.58	31.13 0.72 -17.82	31.17 0.58 -20.57	24.00 1.11 -3.45	41.85 -0.13 -44.57	19.57 0.62 -8.52
INDIAN POINT___2 23530	17.52 0.42 -10.05	16.07 0.21 -12.22	13.52 0.42 -5.34	11.68 0.21 -7.36	16.89 0.13 -14.03	12.48 0.06 -11.18	9.63 0.11 -7.22	10.67 0.36 -3.59	6.90 0.35 0.00	8.66 0.44 0.00	4.70 0.25 0.00	3.88 0.22 0.00	11.40 0.67 -0.17	12.59 0.66 -1.40	14.59 0.86 0.00	15.99 0.95 0.00	19.09 1.11 -0.06	27.57 1.11 -7.24	29.29 0.88 -13.32	30.80 0.72 -17.48	30.78 0.58 -20.17	23.94 1.11 -3.39	41.00 -0.13 -43.72	19.42 0.62 -8.36
INDIAN POINT___3 23531	17.72 0.41 -10.26	16.31 0.21 -12.47	13.63 0.42 -5.46	11.83 0.21 -7.51	17.17 0.13 -14.31	12.70 0.06 -11.40	9.77 0.11 -7.36	10.73 0.36 -3.66	6.90 0.35 0.00	8.65 0.43 0.00	4.69 0.24 0.00	3.88 0.21 0.00	11.39 0.66 -0.17	12.60 0.65 -1.43	14.58 0.85 0.00	15.97 0.93 0.00	19.07 1.09 -0.06	27.70 1.10 -7.39	29.56 0.87 -13.59	31.14 0.71 -17.84	31.17 0.57 -20.58	23.99 1.10 -3.45	41.89 -0.12 -44.60	19.55 0.61 -8.51
INGHAM_C_115KV_TB7 356103	7.09 -0.11 -0.16	3.76 -0.07 -0.19	7.68 -0.17 -0.08	4.13 -0.09 -0.11	2.88 -0.06 -0.22	1.39 -0.02 -0.17	2.36 -0.04 -0.11	6.64 -0.13 -0.06	6.39 -0.16 0.00	7.97 -0.25 0.00	4.31 -0.13 0.00	3.56 -0.10 0.00	10.26 -0.30 0.00	10.23 -0.30 -0.02	13.30 -0.43 0.00	14.51 -0.53 0.00	17.46 -0.45 0.00	18.99 -0.33 -0.11	15.08 -0.22 -0.20	12.64 -0.23 -0.27	10.15 -0.18 -0.31	19.12 -0.37 -0.05	-1.89 0.03 -0.67	10.31 -0.23 -0.11
IP CORINTH___1 23988	21.53 0.25 -14.24	21.09 0.12 -17.33	15.53 0.25 -7.52	14.69 0.13 -10.44	22.72 0.10 -19.91	17.14 0.04 -15.85	12.62 0.09 -10.24	12.05 0.24 -5.09	6.76 0.21 0.00	8.43 0.20 0.00	4.57 0.12 0.00	3.78 0.11 0.00	11.13 0.32 -0.24	12.83 0.33 -1.99	14.18 0.46 0.00	15.55 0.51 0.00	18.79 0.78 -0.09	30.43 0.95 -10.27	34.75 0.75 -18.90	38.06 0.66 -24.80	39.16 0.52 -28.63	25.18 0.94 -4.80	59.34 -0.11 -62.04	22.72 0.39 -11.90
IP___TICONDEROGA 23804	21.80 0.54 -14.22	21.20 0.26 -17.30	15.80 0.54 -7.50	14.82 0.29 -10.42	22.81 0.21 -19.87	17.17 0.10 -15.83	12.70 0.19 -10.22	12.34 0.54 -5.08	7.01 0.46 0.00	8.64 0.42 0.00	4.68 0.23 0.00	3.88 0.22 0.00	11.40 0.60 -0.24	13.11 0.60 -1.99	14.64 0.91 0.00	16.14 1.11 0.00	19.65 1.64 -0.09	31.44 1.97 -10.25	35.43 1.48 -18.87	38.65 1.30 -24.76	39.60 1.01 -28.57	26.09 1.86 -4.80	59.11 -0.23 -61.93	23.04 0.73 -11.87
ISLIP_RES_REC 323679	18.05 0.62 -10.39	16.61 0.34 -12.63	13.98 0.70 -5.52	12.08 0.36 -7.60	17.45 0.23 -14.50	12.90 0.11 -11.55	9.96 0.20 -7.46	11.05 0.63 -3.71	7.11 0.56 0.00	8.83 0.61 0.00	4.80 0.36 0.00	3.98 0.32 0.00	11.70 0.96 -0.18	12.92 0.95 -1.45	14.99 1.26 0.00	16.36 1.32 0.00	43.49 1.71 -23.87	41.45 1.82 -20.42	37.26 1.51 -20.67	34.15 1.22 -20.33	43.57 1.02 -32.54	39.11 1.97 -17.70	84.66 -0.24 -87.48	38.11 1.09 -26.60
JAMAICA__27_KV_LOAD 355505	17.96 0.53 -10.39	16.53 0.26 -12.62	13.81 0.53 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.49	12.86 0.07 -11.54	9.89 0.14 -7.45	10.86 0.43 -3.71	6.97 0.42 0.00	8.74 0.52 0.00	4.73 0.28 0.00	3.91 0.25 0.00	11.53 0.79 -0.18	12.76 0.80 -1.45	14.76 1.03 0.00	16.18 1.15 0.00	19.26 1.28 -0.07	27.92 1.22 -7.48	29.78 0.93 -13.76	31.41 0.75 -18.06	31.48 0.61 -20.85	24.15 1.21 -3.50	42.44 -0.13 -45.17	19.79 0.74 -8.62
JANIS___SOLAR 323808	9.98 0.25 -2.68	7.02 0.12 -3.26	9.43 0.25 -1.43	6.21 0.13 -1.97	6.56 0.09 -3.75	4.27 0.05 -2.99	4.30 0.08 -1.93	7.90 0.22 -0.96	6.70 0.16 0.00	8.37 0.15 0.00	4.52 0.07 0.00	3.70 0.04 0.00	10.71 0.10 -0.05	10.98 0.09 -0.37	13.88 0.15 0.00	15.33 0.29 0.00	18.53 0.60 -0.02	21.99 0.85 -1.93	19.32 0.67 -3.56	17.86 0.59 -4.67	15.90 0.50 -5.39	21.17 0.83 -0.90	8.96 -0.12 -11.67	13.03 0.36 -2.23
JARVIS____ 23743	7.02 -0.02 0.00	3.63 -0.01 0.00	7.74 -0.02 0.00	4.10 -0.01 0.00	2.71 -0.01 0.00	1.24 0.00 0.00	2.29 0.00 0.00	6.70 -0.02 0.00	6.53 -0.01 0.00	8.20 -0.02 0.00	4.44 -0.01 0.00	3.66 -0.01 0.00	10.55 -0.01 0.00	10.51 -0.01 0.00	13.70 -0.03 0.00	15.01 -0.03 0.00	17.90 -0.02 0.00	19.21 0.00 0.00	15.09 0.00 0.00	12.60 0.00 0.00	10.02 0.00 0.00	19.43 -0.01 0.00	-2.59 0.00 0.00	10.42 -0.01 0.00
JENNISON___1 23625	10.60 0.32 -3.23	7.81 0.16 -4.01	9.59 0.33 -1.49	6.71 0.18 -2.43	7.48 0.12 -4.64	4.99 0.06 -3.69	4.78 0.10 -2.39	8.21 0.31 -1.19	6.82 0.28 0.00	8.55 0.33 0.00	4.61 0.16 0.00	3.79 0.12 0.00	10.98 0.36 -0.06	11.31 0.33 -0.46	14.17 0.44 0.00	15.61 0.57 0.00	18.74 0.80 -0.02	22.62 1.01 -2.39	20.28 0.79 -4.40	19.05 0.68 -5.78	17.24 0.56 -6.67	21.53 0.98 -1.12	11.72 -0.14 -14.45	13.71 0.46 -2.82
JENNISON___2 23626	10.60 0.32 -3.23	7.81 0.16 -4.01	9.59 0.33 -1.49	6.71 0.18 -2.43	7.48 0.12 -4.64	4.99 0.06 -3.69	4.78 0.10 -2.39	8.21 0.31 -1.19	6.82 0.28 0.00	8.55 0.33 0.00	4.61 0.16 0.00	3.79 0.12 0.00	10.98 0.36 -0.06	11.31 0.33 -0.46	14.17 0.44 0.00	15.61 0.57 0.00	18.74 0.80 -0.02	22.62 1.01 -2.39	20.28 0.79 -4.40	19.05 0.68 -5.78	17.24 0.56 -6.67	21.53 0.98 -1.12	11.72 -0.14 -14.45	13.71 0.46 -2.82

LONG_LAKE_PHOENIX 24014	7.79 -0.23 -0.98	4.72 -0.12 -1.20	7.99 -0.26 -0.50	4.69 -0.14 -0.72	4.01 -0.09 -1.38	2.30 -0.04 -1.10	2.93 -0.07 -0.71	6.85 -0.22 -0.35	6.34 -0.21 0.00	7.97 -0.25 0.00	4.32 -0.13 0.00	3.56 -0.11 0.00	10.27 -0.31 -0.02	10.34 -0.31 -0.14	13.31 -0.41 0.00	14.62 -0.42 0.00	17.42 -0.50 -0.01	19.45 -0.48 -0.71	16.03 -0.37 -1.31	14.03 -0.29 -1.72	11.79 -0.21 -1.99	19.26 -0.51 -0.33	1.77 0.06 -4.30	10.92 -0.31 -0.80
LOVETT___3 23632	17.37 0.41 -9.91	15.89 0.21 -12.05	13.46 0.42 -5.29	11.58 0.21 -7.26	16.69 0.13 -13.83	12.32 0.06 -11.02	9.52 0.11 -7.11	10.61 0.36 -3.54	6.90 0.35 0.00	8.65 0.43 0.00	4.69 0.24 0.00	3.87 0.21 0.00	11.39 0.66 -0.17	12.55 0.65 -1.38	14.57 0.85 0.00	15.97 0.93 0.00	19.08 1.10 -0.06	27.46 1.11 -7.14	29.11 0.89 -13.13	30.56 0.73 -17.23	30.49 0.58 -19.89	23.89 1.11 -3.34	40.38 -0.13 -43.10	19.30 0.62 -8.25
LOVETT___4 23642	17.37 0.41 -9.91	15.89 0.21 -12.05	13.46 0.42 -5.29	11.58 0.21 -7.26	16.69 0.13 -13.83	12.32 0.06 -11.02	9.52 0.11 -7.11	10.61 0.36 -3.54	6.90 0.35 0.00	8.65 0.43 0.00	4.69 0.24 0.00	3.87 0.21 0.00	11.39 0.66 -0.17	12.55 0.65 -1.38	14.57 0.85 0.00	15.97 0.93 0.00	19.08 1.10 -0.06	27.46 1.11 -7.14	29.11 0.89 -13.13	30.56 0.73 -17.23	30.49 0.58 -19.89	23.89 1.11 -3.34	40.38 -0.13 -43.10	19.30 0.62 -8.25
LOVETT___5 23593	17.37 0.41 -9.91	15.89 0.21 -12.05	13.46 0.42 -5.29	11.58 0.21 -7.26	16.69 0.13 -13.83	12.32 0.06 -11.02	9.52 0.11 -7.11	10.61 0.36 -3.54	6.90 0.35 0.00	8.65 0.43 0.00	4.69 0.24 0.00	3.87 0.21 0.00	11.39 0.66 -0.17	12.55 0.65 -1.38	14.57 0.85 0.00	15.97 0.93 0.00	19.08 1.10 -0.06	27.46 1.11 -7.14	29.11 0.89 -13.13	30.56 0.73 -17.23	30.49 0.58 -19.89	23.89 1.11 -3.34	40.38 -0.13 -43.10	19.30 0.62 -8.25
LOWER RAQUET___HYD 24057	6.68 -0.37 0.00	3.45 -0.19 0.00	7.38 -0.37 0.00	3.91 -0.19 0.00	2.60 -0.12 0.00	1.18 -0.06 0.00	2.21 -0.09 0.00	6.45 -0.26 0.00	6.27 -0.27 0.00	7.89 -0.33 0.00	4.25 -0.20 0.00	3.48 -0.18 0.00	10.00 -0.56 0.00	9.96 -0.56 0.00	13.05 -0.68 0.00	14.32 -0.71 0.00	17.11 -0.80 0.00	18.39 -0.82 0.00	14.46 -0.64 0.00	12.06 -0.53 0.00	9.58 -0.44 0.00	18.61 -0.82 0.00	-2.47 0.12 0.00	9.98 -0.45 0.00
LOWER___HUDSON 24059	21.08 0.20 -13.83	20.56 0.11 -16.82	15.34 0.23 -7.35	14.36 0.12 -10.13	22.11 0.08 -19.31	16.65 0.04 -15.38	12.30 0.07 -9.93	11.85 0.20 -4.94	6.73 0.19 0.00	8.42 0.20 0.00	4.56 0.11 0.00	3.77 0.10 0.00	11.09 0.29 -0.23	12.74 0.30 -1.93	14.10 0.37 0.00	15.39 0.36 0.00	18.49 0.49 -0.09	29.74 0.56 -9.96	33.89 0.47 -18.33	37.04 0.39 -24.05	38.09 0.31 -27.76	24.69 0.60 -4.66	57.50 -0.08 -60.17	22.26 0.31 -11.51
LOWVILLE_115KV_TB2 356335	7.11 -0.37 -0.44	4.00 -0.17 -0.53	7.61 -0.38 -0.22	4.21 -0.22 -0.32	3.20 -0.13 -0.61	1.68 -0.05 -0.49	2.53 -0.08 -0.31	6.71 -0.16 -0.16	6.38 -0.16 0.00	8.01 -0.21 0.00	4.32 -0.13 0.00	3.55 -0.11 0.00	10.24 -0.33 -0.01	10.25 -0.33 -0.06	13.28 -0.44 0.00	14.66 -0.38 0.00	17.68 -0.24 0.00	19.43 -0.10 -0.32	15.62 -0.05 -0.58	13.37 0.01 -0.76	10.92 0.03 -0.88	19.59 0.01 -0.15	-0.68 0.00 -1.90	10.71 -0.07 -0.35
LUTHERFT_115KV_GLOB_FND_222 355753	21.52 0.30 -14.18	21.05 0.15 -17.26	15.56 0.32 -7.49	14.67 0.16 -10.40	22.66 0.11 -19.82	17.08 0.05 -15.79	12.59 0.10 -10.19	12.07 0.28 -5.07	6.80 0.25 0.00	8.50 0.28 0.00	4.61 0.16 0.00	3.81 0.14 0.00	11.22 0.42 -0.24	12.92 0.42 -1.98	14.28 0.55 0.00	15.62 0.58 0.00	18.81 0.80 -0.09	30.38 0.93 -10.23	34.67 0.76 -18.82	37.93 0.64 -24.70	39.04 0.52 -28.50	25.18 0.96 -4.78	59.06 -0.12 -61.77	22.73 0.46 -11.84
LUTHERNY_35_KV_BK2 355980	21.53 0.30 -14.18	21.05 0.15 -17.26	15.56 0.32 -7.49	14.67 0.17 -10.40	22.66 0.11 -19.82	17.08 0.05 -15.79	12.59 0.10 -10.19	12.07 0.29 -5.07	6.80 0.25 0.00	8.50 0.28 0.00	4.61 0.16 0.00	3.81 0.14 0.00	11.22 0.42 -0.24	12.92 0.42 -1.98	14.27 0.55 0.00	15.61 0.58 0.00	18.81 0.80 -0.09	30.39 0.95 -10.23	34.68 0.77 -18.82	37.93 0.64 -24.70	39.05 0.53 -28.50	25.20 0.98 -4.78	59.06 -0.12 -61.77	22.74 0.47 -11.84
LWR___OSWEGATCHIE_HYD 23850	6.91 -0.46 -0.32	3.81 -0.23 -0.39	7.45 -0.48 -0.16	4.09 -0.26 -0.24	3.01 -0.16 -0.45	1.53 -0.07 -0.36	2.42 -0.11 -0.23	6.52 -0.30 -0.11	6.24 -0.31 0.00	7.83 -0.40 0.00	4.23 -0.22 0.00	3.46 -0.20 0.00	9.99 -0.58 -0.01	9.99 -0.57 -0.05	13.00 -0.73 0.00	14.33 -0.70 0.00	17.21 -0.71 0.00	18.80 -0.66 -0.23	15.02 -0.50 -0.43	12.77 -0.39 -0.56	10.36 -0.31 -0.65	18.94 -0.60 -0.11	-1.09 0.09 -1.41	10.32 -0.38 -0.26
LYONS_FALL_HYD 23570	7.26 -0.20 -0.42	4.05 -0.10 -0.50	7.77 -0.21 -0.22	4.29 -0.12 -0.30	3.23 -0.07 -0.58	1.67 -0.03 -0.46	2.55 -0.04 -0.30	6.78 -0.08 -0.15	6.47 -0.08 0.00	8.11 -0.10 0.00	4.38 -0.07 0.00	3.60 -0.07 0.00	10.38 -0.18 -0.01	10.39 -0.19 -0.06	13.47 -0.25 0.00	14.84 -0.19 0.00	17.84 -0.08 0.00	19.54 0.03 -0.30	15.69 0.05 -0.55	13.40 0.08 -0.72	10.93 0.08 -0.83	19.68 0.10 -0.14	-0.80 -0.01 -1.80	10.77 -0.01 -0.34
MADISON___COUNTY_LFGE 323628	7.77 0.04 -0.68	4.49 0.02 -0.83	8.15 0.04 -0.36	4.63 0.02 -0.50	3.69 0.01 -0.95	2.01 0.01 -0.76	2.80 0.02 -0.49	7.00 0.05 -0.24	6.58 0.03 0.00	8.26 0.04 0.00	4.47 0.02 0.00	3.67 0.01 0.00	10.60 0.03 -0.01	10.64 0.03 -0.10	13.76 0.03 0.00	15.12 0.08 0.00	18.12 0.20 0.00	19.99 0.29 -0.49	16.25 0.25 -0.90	14.01 0.23 -1.18	11.58 0.19 -1.37	19.98 0.31 -0.23	0.34 -0.04 -2.97	11.12 0.11 -0.57
MALONE___115KV_TB1 356076	6.93 -0.22 -0.11	3.66 -0.11 -0.13	7.62 -0.18 -0.05	4.11 -0.08 -0.08	2.83 -0.04 -0.15	1.34 -0.02 -0.12	2.37 0.00 -0.07	6.77 0.02 -0.04	6.58 0.03 0.00	8.28 0.06 0.00	4.45 0.00 0.00	3.60 -0.06 0.00	10.32 -0.24 0.00	10.28 -0.25 -0.02	13.47 -0.26 0.00	14.74 -0.30 0.00	17.59 -0.33 0.00	19.03 -0.26 -0.08	15.09 -0.14 -0.18	12.60 -0.18 -0.22	10.03 -0.20 -0.04	18.99 -0.48 -0.04	-2.08 0.04 -0.46	10.29 -0.22 -0.08
MAPLEWOD_115KV_TB3 80458	20.98 0.21 -13.72	20.46 0.11 -16.71	15.22 0.24 -7.22	14.31 0.13 -10.07	22.00 0.08 -19.20	16.57 0.04 -15.29	12.25 0.07 -9.87	11.83 0.21 -4.91	6.75 0.20 0.00	8.44 0.22 0.00	4.57 0.12 0.00	3.77 0.11 0.00	11.12 0.32 -0.23	12.76 0.32 -1.92	14.12 0.40 0.00	15.43 0.39 0.00	18.53 0.52 -0.09	29.71 0.59 -9.90	33.82 0.51 -18.22	36.93 0.42 -23.92	37.96 0.34 -27.61	24.72 0.65 -4.63	57.15 -0.08 -59.82	22.12 0.33 -11.35
MAPLE RIDGE_WT_1 323574	6.78 -0.26 0.00	3.52 -0.12 0.00	7.49 -0.27 0.00	3.96 -0.15 0.00	2.63 -0.09 0.00	1.20 -0.04 0.00	2.24 -0.06 0.00	6.58 -0.14 0.00	6.46 -0.08 0.00	8.14 -0.08 0.00	4.40 -0.05 0.00	3.62 -0.04 0.00	10.43 -0.13 0.00	10.38 -0.13 0.00	13.55 -0.18 0.00	14.81 -0.23 0.00	17.65 -0.27 0.00	18.98 -0.23 0.00	14.90 -0.19 0.00	12.44 -0.15 0.00	9.89 -0.13 0.00	19.21 -0.23 0.00	-2.56 0.03 0.00	10.32 -0.11 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.36 0.43 -9.89	15.87 0.21 -12.02	13.47 0.43 -5.28	11.56 0.22 -7.24	16.65 0.14 -13.79	12.29 0.06 -10.99	9.51 0.12 -7.10	10.61 0.37 -3.53	6.90 0.36 0.00	8.67 0.45 0.00	4.70 0.25 0.00	3.88 0.22 0.00	11.40 0.67 -0.17	12.57 0.67 -1.38	14.60 0.87 0.00	16.00 0.97 0.00	19.11 1.14 -0.06	27.49 1.15 -7.12	29.11 0.92 -13.10	30.54 0.76 -17.19	30.46 0.60 -19.84	23.91 1.15 -3.33	40.26 -0.13 -42.98	19.30 0.63 -8.23
N.QUEENS_27_KV_LOAD 356247	17.94 0.51 -10.39	16.52 0.26 -12.63	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.89 0.14 -7.45	10.84 0.41 -3.71	6.94 0.40 0.00	8.73 0.51 0.00	4.74 0.29 0.00	3.92 0.25 0.00	11.55 0.81 -0.18	12.76 0.80 -1.45	14.77 1.04 0.00	16.18 1.15 0.00	19.22 1.25 -0.07	27.92 1.22 -7.48	29.81 0.95 -13.76	31.43 0.76 -18.06	31.47 0.61 -20.85	24.17 1.24 -3.50	42.45 -0.13 -45.17	19.79 0.73 -8.62
N.TROY___115KV_TB1 355778	21.06 0.20 -13.81	20.55 0.11 -16.81	15.28 0.23 -7.29	14.36 0.12 -10.13	22.11 0.08 -19.31	16.65 0.04 -15.38	12.30 0.07 -9.93	11.85 0.20 -4.94	6.73 0.19 0.00	8.42 0.20 0.00	4.56 0.11 0.00	3.77 0.10 0.00	11.09 0.29 -0.23	12.74 0.30 -1.93	14.10 0.37 0.00	15.39 0.36 0.00	18.49 0.49 -0.09	29.74 0.56 -9.96	33.89 0.47 -18.33	37.04 0.39 -24.05	38.09 0.31 -27.76	24.70 0.60 -4.66	57.49 -0.08 -60.16	22.22 0.31 -11.47
NARROWS_GT1_1 24228	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NARROWS_GT1_2 24229	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NARROWS_GT1_3 24230	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NARROWS_GT1_4 24231	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NARROWS_GT1_5 24232	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NARROWS_GT1_6 24233	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NARROWS_GT1_7 24234	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NARROWS_GT1_8 24235	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NARROWS_GT2_1 24236	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NARROWS_GT2_2 24237	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NARROWS_GT2_3 24238	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NARROWS_GT2_4 24239	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64

NIAGARA_115W_LBMP 323714	8.13 -0.57 -1.65	5.34 -0.31 -2.01	8.05 -0.59 -0.88	5.02 -0.30 -1.21	4.79 -0.24 -2.31	3.00 -0.08 -1.84	3.32 -0.16 -1.19	6.77 -0.54 -0.59	6.11 -0.44 0.00	7.82 -0.40 0.00	4.24 -0.21 0.00	3.49 -0.17 0.00	10.02 -0.57 -0.03	10.20 -0.55 -0.23	12.93 -0.80 0.00	14.10 -0.94 0.00	16.52 -1.41 -0.01	18.88 -1.53 -1.19	16.10 -1.18 -2.19	14.54 -0.93 -2.88	12.61 -0.72 -3.32	18.44 -1.56 -0.56	4.76 0.15 -7.19	10.94 -0.87 -1.38
NIAGARA_230_LBMP 323716	8.20 -0.48 -1.63	5.37 -0.25 -1.99	8.11 -0.52 -0.87	5.05 -0.26 -1.20	4.82 -0.19 -2.28	2.99 -0.07 -1.82	3.33 -0.14 -1.17	6.83 -0.47 -0.58	6.17 -0.37 0.00	7.89 -0.33 0.00	4.27 -0.18 0.00	3.52 -0.14 0.00	10.11 -0.48 -0.03	10.28 -0.46 -0.23	13.06 -0.67 0.00	14.23 -0.81 0.00	16.70 -1.23 -0.01	19.08 -1.32 -1.18	16.26 -1.00 -2.17	14.69 -0.76 -2.85	12.70 -0.60 -3.28	18.63 -1.36 -0.55	4.63 0.10 -7.11	11.09 -0.70 -1.36
NIAGARA__115KV_198_GIBSON 55903	8.12 -0.58 -1.65	5.34 -0.31 -2.01	8.03 -0.59 -0.87	5.02 -0.30 -1.21	4.79 -0.24 -2.31	2.99 -0.08 -1.84	3.32 -0.16 -1.19	6.77 -0.54 -0.59	6.11 -0.44 0.00	7.82 -0.40 0.00	4.24 -0.21 0.00	3.49 -0.17 0.00	10.02 -0.57 -0.03	10.20 -0.55 -0.23	12.93 -0.80 0.00	14.10 -0.93 0.00	16.51 -1.41 -0.01	18.88 -1.53 -1.19	16.09 -1.19 -2.19	14.55 -0.92 -2.88	12.60 -0.73 -3.32	18.44 -1.56 -0.56	4.75 0.15 -7.19	10.94 -0.87 -1.37
NIAGARA____ 23760	8.15 -0.55 -1.65	5.35 -0.30 -2.01	8.07 -0.57 -0.87	5.03 -0.29 -1.21	4.80 -0.22 -2.30	2.99 -0.08 -1.83	3.32 -0.16 -1.18	6.79 -0.51 -0.59	6.13 -0.41 0.00	7.85 -0.37 0.00	4.25 -0.20 0.00	3.50 -0.16 0.00	10.05 -0.54 -0.03	10.23 -0.52 -0.23	12.98 -0.75 0.00	14.16 -0.87 0.00	16.61 -1.32 -0.01	18.98 -1.42 -1.18	16.18 -1.09 -2.18	14.60 -0.86 -2.86	12.65 -0.67 -3.30	18.54 -1.45 -0.55	4.73 0.15 -7.17	11.02 -0.78 -1.37
NINE_MILE_1 23575	7.60 -0.29 -0.85	4.52 -0.15 -1.03	7.88 -0.33 -0.45	4.56 -0.17 -0.62	3.79 -0.12 -1.18	2.13 -0.05 -0.94	2.81 -0.09 -0.61	6.74 -0.28 -0.30	6.28 -0.26 0.00	7.91 -0.31 0.00	4.28 -0.16 0.00	3.53 -0.14 0.00	10.18 -0.39 -0.01	10.24 -0.39 -0.12	13.21 -0.52 0.00	14.49 -0.55 0.00	17.25 -0.67 -0.01	19.14 -0.68 -0.61	15.68 -0.53 -1.12	13.64 -0.43 -1.47	11.38 -0.33 -1.70	19.01 -0.71 -0.28	1.17 0.09 -3.68	10.72 -0.41 -0.70
NINE_MILE_2 23744	7.60 -0.29 -0.84	4.52 -0.15 -1.03	7.88 -0.32 -0.45	4.56 -0.17 -0.62	3.79 -0.12 -1.18	2.13 -0.05 -0.94	2.81 -0.09 -0.61	6.74 -0.28 -0.30	6.28 -0.26 0.00	7.91 -0.31 0.00	4.28 -0.16 0.00	3.53 -0.14 0.00	10.18 -0.39 -0.01	10.25 -0.39 -0.12	13.21 -0.52 0.00	14.49 -0.55 0.00	17.25 -0.67 -0.01	19.14 -0.68 -0.61	15.68 -0.53 -1.12	13.64 -0.43 -1.47	11.38 -0.33 -1.70	19.01 -0.71 -0.28	1.17 0.09 -3.67	10.72 -0.41 -0.70
NM_CAPITAL____DRP 24208	20.71 0.11 -13.55	20.20 0.06 -16.50	15.04 0.15 -7.13	14.13 0.08 -9.94	21.71 0.04 -18.95	16.36 0.02 -15.09	12.09 0.05 -9.75	11.69 0.13 -4.85	6.69 0.14 0.00	8.37 0.15 0.00	4.53 0.08 0.00	3.74 0.08 0.00	11.02 0.23 -0.23	12.65 0.23 -1.90	13.98 0.25 0.00	15.27 0.23 0.00	18.32 0.32 -0.09	29.29 0.30 -9.78	33.35 0.26 -17.99	36.41 0.21 -23.61	37.43 0.16 -27.25	24.34 0.33 -4.57	56.42 -0.04 -59.04	21.79 0.17 -11.18
NM_CENTRAL____DRP 24181	7.94 -0.15 -1.04	4.83 -0.08 -1.27	8.13 -0.17 -0.54	4.78 -0.09 -0.76	4.12 -0.06 -1.46	2.38 -0.02 -1.16	3.00 -0.05 -0.75	6.94 -0.14 -0.37	6.42 -0.13 0.00	8.08 -0.14 0.00	4.37 -0.08 0.00	3.60 -0.06 0.00	10.40 -0.17 -0.02	10.49 -0.18 -0.15	13.49 -0.24 0.00	14.80 -0.23 0.00	17.64 -0.28 -0.01	19.72 -0.25 -0.75	16.28 -0.20 -1.39	14.26 -0.15 -1.82	12.01 -0.11 -2.10	19.49 -0.30 -0.35	1.99 0.03 -4.55	11.12 -0.20 -0.89
NM_FRONTIER____DRP 24179	8.12 -0.58 -1.65	5.34 -0.31 -2.01	8.03 -0.59 -0.87	5.02 -0.30 -1.21	4.79 -0.24 -2.31	2.99 -0.08 -1.84	3.32 -0.16 -1.19	6.77 -0.54 -0.59	6.11 -0.44 0.00	7.82 -0.40 0.00	4.24 -0.21 0.00	3.49 -0.17 0.00	10.02 -0.57 -0.03	10.20 -0.55 -0.23	12.93 -0.80 0.00	14.10 -0.93 0.00	16.51 -1.41 -0.01	18.88 -1.53 -1.19	16.09 -1.19 -2.19	14.55 -0.92 -2.88	12.60 -0.73 -3.32	18.44 -1.56 -0.56	4.75 0.15 -7.19	10.94 -0.87 -1.37
NM_ST_REGIS____HYD 24053	6.88 -0.32 -0.16	3.67 -0.17 -0.20	7.52 -0.33 -0.08	4.06 -0.17 -0.12	2.85 -0.10 -0.23	1.38 -0.05 -0.18	2.35 -0.07 -0.12	6.59 -0.19 -0.06	6.36 -0.19 0.00	8.00 -0.22 0.00	4.30 -0.14 0.00	3.51 -0.15 0.00	10.09 -0.48 0.00	10.06 -0.48 -0.02	13.16 -0.57 0.00	14.43 -0.60 0.00	17.24 -0.67 0.00	18.66 -0.68 -0.12	14.81 -0.51 -0.22	12.44 -0.44 -0.28	9.97 -0.37 -0.33	18.76 -0.73 -0.05	-1.78 0.10 -0.71	10.17 -0.39 -0.13
NORTHPORT____1 23551	17.98 0.55 -10.39	16.57 0.31 -12.63	13.90 0.62 -5.52	12.03 0.32 -7.60	17.43 0.21 -14.50	12.89 0.10 -11.55	9.93 0.18 -7.46	10.99 0.56 -3.71	7.06 0.51 0.00	8.76 0.54 0.00	4.77 0.32 0.00	3.95 0.28 0.00	11.60 0.86 -0.18	12.81 0.84 -1.45	14.84 1.12 0.00	16.19 1.15 0.00	43.26 1.47 -23.87	41.11 1.48 -20.42	36.96 1.20 -20.67	33.90 0.97 -20.33	43.37 0.81 -32.54	38.70 1.56 -17.70	84.70 -0.19 -87.48	37.94 0.91 -26.60
NORTHPORT____2 23552	17.98 0.55 -10.39	16.57 0.31 -12.63	13.90 0.62 -5.52	12.03 0.32 -7.60	17.43 0.21 -14.50	12.89 0.10 -11.55	9.93 0.18 -7.46	10.99 0.56 -3.71	7.06 0.51 0.00	8.76 0.54 0.00	4.77 0.32 0.00	3.95 0.28 0.00	11.60 0.86 -0.18	12.81 0.84 -1.45	14.84 1.12 0.00	16.19 1.15 0.00	43.26 1.47 -23.87	41.11 1.48 -20.42	36.96 1.20 -20.67	33.90 0.97 -20.33	43.37 0.81 -32.54	38.70 1.56 -17.70	84.70 -0.19 -87.48	37.94 0.91 -26.60
NORTHPORT____3 23553	17.97 0.54 -10.39	16.56 0.29 -12.63	13.87 0.59 -5.52	12.02 0.30 -7.60	17.42 0.20 -14.50	12.88 0.10 -11.55	9.92 0.17 -7.46	10.96 0.53 -3.71	7.04 0.49 0.00	8.74 0.53 0.00	4.76 0.31 0.00	3.94 0.27 0.00	11.57 0.84 -0.18	12.78 0.82 -1.45	14.82 1.09 0.00	16.17 1.14 0.00	43.23 1.45 -23.87	41.11 1.48 -20.42	36.95 1.19 -20.67	33.90 0.97 -20.33	43.36 0.80 -32.54	38.68 1.54 -17.70	84.71 -0.19 -87.48	37.91 0.88 -26.60
NORTHPORT____4 23650	17.97 0.54 -10.39	16.56 0.29 -12.63	13.87 0.59 -5.52	12.02 0.30 -7.60	17.42 0.20 -14.50	12.88 0.10 -11.55	9.92 0.17 -7.46	10.96 0.53 -3.71	7.04 0.49 0.00	8.74 0.53 0.00	4.76 0.31 0.00	3.94 0.27 0.00	11.57 0.84 -0.18	12.78 0.82 -1.45	14.82 1.09 0.00	16.17 1.14 0.00	43.23 1.45 -23.87	41.11 1.48 -20.42	36.95 1.19 -20.67	33.90 0.97 -20.33	43.36 0.80 -32.54	38.68 1.54 -17.70	84.71 -0.19 -87.48	37.91 0.88 -26.60
NORTHPORT____IC 23718	17.98 0.55 -10.39	16.57 0.31 -12.63	13.90 0.62 -5.52	12.03 0.32 -7.60	17.43 0.21 -14.50	12.89 0.10 -11.55	9.93 0.18 -7.46	10.99 0.56 -3.71	7.06 0.51 0.00	8.76 0.54 0.00	4.77 0.32 0.00	3.95 0.28 0.00	11.60 0.86 -0.18	12.81 0.84 -1.45	14.84 1.12 0.00	16.19 1.15 0.00	43.26 1.47 -23.87	41.11 1.48 -20.42	36.96 1.20 -20.67	33.90 0.97 -20.33	43.37 0.81 -32.54	38.70 1.56 -17.70	84.70 -0.19 -87.48	37.94 0.91 -26.60

NORTH__COUNTRY_ESR 323785	6.81 -0.23 0.00	3.52 -0.12 0.00	7.57 -0.19 0.00	4.04 -0.07 0.00	2.68 -0.04 0.00	1.23 -0.02 0.00	2.30 0.00 0.00	6.75 0.04 0.00	6.59 0.05 0.00	8.30 0.08 0.00	4.46 0.01 0.00	3.60 -0.06 0.00	10.31 -0.25 0.00	10.25 -0.27 0.00	13.45 -0.27 0.00	14.71 -0.33 0.00	17.53 -0.38 0.00	18.90 -0.31 0.00	14.92 -0.17 0.00	12.37 -0.23 0.00	9.77 -0.24 0.00	18.83 -0.61 0.00	-2.55 0.04 0.00	10.16 -0.27 0.00
NPX_GEN_1385_PROXY 323591	17.88 0.45 -10.39	16.56 0.29 -12.63	13.87 0.59 -5.52	12.01 0.30 -7.60	17.43 0.20 -14.50	12.89 0.11 -11.55	9.95 0.20 -7.46	11.05 0.62 -3.71	7.09 0.55 0.00	8.68 0.46 0.00	4.67 0.22 0.00	3.88 0.21 0.00	11.36 0.62 -0.18	12.55 0.58 -1.45	14.51 0.78 0.00	15.73 0.69 0.00	42.79 1.01 -23.87	40.78 0.81 -20.75	36.48 0.72 -20.67	33.94 0.58 -20.77	43.04 0.49 -32.54	38.02 0.88 -17.70	84.77 -0.12 -87.48	37.75 0.72 -26.60
NPX_GEN_CSC 323557	17.95 0.52 -10.39	16.56 0.29 -12.63	13.87 0.59 -5.52	12.03 0.32 -7.60	17.42 0.20 -14.50	12.89 0.10 -11.55	9.93 0.17 -7.46	10.98 0.55 -3.71	7.02 0.47 0.00	8.70 0.49 0.00	4.72 0.27 0.00	3.91 0.25 0.00	11.49 0.75 -0.18	12.71 0.74 -1.45	14.72 0.99 0.00	16.07 1.03 0.00	43.16 1.38 -23.87	41.43 1.47 -20.75	36.99 1.23 -20.67	34.37 1.00 -20.77	43.40 0.85 -32.54	38.76 1.62 -17.70	84.70 -0.20 -87.48	37.94 0.92 -26.60
NSINS_S_GLNS_FALLS 23858	21.55 0.29 -14.22	21.09 0.14 -17.30	15.56 0.30 -7.50	14.69 0.16 -10.42	22.71 0.11 -19.87	17.12 0.05 -15.83	12.62 0.10 -10.22	12.09 0.29 -5.08	6.80 0.25 0.00	8.47 0.25 0.00	4.59 0.14 0.00	3.80 0.13 0.00	11.18 0.37 -0.24	12.88 0.38 -1.99	14.25 0.53 0.00	15.62 0.58 0.00	18.88 0.88 -0.09	30.52 1.05 -10.25	34.79 0.83 -18.87	38.08 0.73 -24.76	39.17 0.57 -28.58	25.28 1.04 -4.80	59.22 -0.13 -61.93	22.75 0.44 -11.87
NUCOR_STEEL__DRP 24197	8.40 -0.01 -1.37	5.30 -0.01 -1.67	8.43 -0.04 -0.71	5.10 -0.02 -1.01	4.63 -0.01 -1.92	2.77 0.00 -1.53	3.28 0.00 -0.98	7.19 -0.02 -0.49	6.51 -0.04 0.00	8.21 -0.01 0.00	4.44 0.00 0.00	3.65 -0.01 0.00	10.56 -0.03 -0.02	10.70 0.00 -0.19	13.66 -0.07 0.00	15.07 0.03 0.00	17.98 0.06 -0.01	20.29 0.08 -0.99	16.98 0.07 -1.82	15.07 0.09 -2.39	12.86 0.08 -2.76	19.97 0.07 -0.46	3.38 -0.01 -5.98	11.56 -0.02 -1.15
NUMBER_THREE_WT_PWR 323818	7.09 -0.39 -0.44	3.99 -0.18 -0.53	7.59 -0.40 -0.23	4.20 -0.23 -0.32	3.20 -0.14 -0.61	1.68 -0.05 -0.49	2.53 -0.08 -0.31	6.69 -0.18 -0.16	6.37 -0.17 0.00	7.99 -0.23 0.00	4.32 -0.13 0.00	3.54 -0.12 0.00	10.22 -0.35 -0.01	10.23 -0.34 -0.06	13.26 -0.47 0.00	14.64 -0.40 0.00	17.64 -0.27 0.00	19.41 -0.12 -0.32	15.60 -0.07 -0.58	13.36 0.00 -0.76	10.92 0.02 -0.88	19.57 -0.02 -0.15	-0.67 0.01 -1.91	10.71 -0.09 -0.37
NYISO_LBMP_REFERENCE 24008	7.04 0.00 0.00	3.64 0.00 0.00	7.76 0.00 0.00	4.11 0.00 0.00	2.72 0.00 0.00	1.24 0.00 0.00	2.30 0.00 0.00	6.72 0.00 0.00	6.55 0.00 0.00	8.22 0.00 0.00	4.45 0.00 0.00	3.66 0.00 0.00	10.56 0.00 0.00	10.52 0.00 0.00	13.73 0.00 0.00	15.04 0.00 0.00	17.91 0.00 0.00	19.21 0.00 0.00	15.09 0.00 0.00	12.60 0.00 0.00	10.02 0.00 0.00	19.44 0.00 0.00	-2.59 0.00 0.00	10.43 0.00 0.00
NYPA_BRENTWD__GT 24164	18.03 0.60 -10.39	16.60 0.33 -12.63	13.95 0.67 -5.52	12.06 0.35 -7.60	17.45 0.22 -14.50	12.90 0.11 -11.55	9.95 0.19 -7.46	11.03 0.60 -3.71	7.09 0.55 0.00	8.81 0.59 0.00	4.80 0.35 0.00	3.97 0.31 0.00	11.66 0.93 -0.18	12.88 0.91 -1.45	14.94 1.21 0.00	16.30 1.26 0.00	43.40 1.62 -23.87	41.31 1.68 -20.42	37.09 1.33 -20.67	34.00 1.08 -20.33	43.45 0.90 -32.54	38.88 1.74 -17.70	84.68 -0.22 -87.48	38.03 1.01 -26.60
NYPA_GOWANUS__GT5 24156	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NYPA_GOWANUS__GT6 24157	17.95 0.51 -10.39	16.52 0.25 -12.62	13.80 0.52 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.83 0.75 -8.64
NYPA_HARLEM_RVR_GT1 24160	17.93 0.50 -10.39	16.51 0.25 -12.62	13.78 0.51 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.89 0.14 -7.45	10.83 0.41 -3.71	6.94 0.39 0.00	8.72 0.50 0.00	4.74 0.29 0.00	3.91 0.25 0.00	11.53 0.79 -0.18	12.75 0.78 -1.45	14.75 1.02 0.00	16.16 1.12 0.00	19.21 1.23 -0.07	27.90 1.20 -7.48	29.80 0.94 -13.76	31.42 0.76 -18.06	31.46 0.60 -20.85	24.15 1.22 -3.50	42.46 -0.13 -45.17	19.79 0.72 -8.64
NYPA_HARLEM_RVR_GT2 24161	17.93 0.50 -10.39	16.51 0.25 -12.62	13.78 0.51 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.89 0.14 -7.45	10.83 0.41 -3.71	6.94 0.39 0.00	8.72 0.50 0.00	4.74 0.29 0.00	3.91 0.25 0.00	11.53 0.79 -0.18	12.75 0.78 -1.45	14.75 1.02 0.00	16.16 1.12 0.00	19.21 1.23 -0.07	27.90 1.20 -7.48	29.80 0.94 -13.76	31.42 0.76 -18.06	31.46 0.60 -20.85	24.15 1.22 -3.50	42.46 -0.13 -45.17	19.79 0.72 -8.64
NYPA_KENT__GT 24152	17.94 0.50 -10.39	16.51 0.25 -12.62	13.79 0.51 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.89 0.14 -7.45	10.85 0.43 -3.71	6.97 0.42 0.00	8.76 0.54 0.00	4.76 0.31 0.00	3.93 0.26 0.00	11.56 0.82 -0.18	12.78 0.81 -1.45	14.79 1.07 0.00	16.21 1.18 0.00	19.29 1.31 -0.07	27.98 1.29 -7.48	29.85 0.99 -13.76	31.46 0.80 -18.06	31.52 0.65 -20.85	24.23 1.29 -3.50	42.45 -0.13 -45.17	19.82 0.74 -8.64
NYPA_POUCH1__GT 24155	17.93 0.50 -10.39	16.51 0.25 -12.62	13.78 0.50 -5.52	11.97 0.25 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.89 0.14 -7.45	10.85 0.42 -3.71	6.96 0.41 0.00	8.74 0.52 0.00	4.74 0.29 0.00	3.90 0.24 0.00	11.49 0.75 -0.18	12.71 0.74 -1.45	14.72 0.99 0.00	16.17 1.14 0.00	19.22 1.24 -0.07	27.93 1.23 -7.48	29.82 0.96 -13.76	31.41 0.75 -18.06	31.49 0.63 -20.85	24.19 1.25 -3.50	42.48 -0.10 -45.17	19.81 0.73 -8.64
NYPA_VERNON__GT2 24162	17.93 0.50 -10.39	16.51 0.24 -12.62	13.78 0.50 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.89 0.14 -7.45	10.85 0.42 -3.71	6.96 0.42 0.00	8.75 0.53 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.55 0.81 -0.18	12.77 0.80 -1.45	14.78 1.05 0.00	16.20 1.16 0.00	19.28 1.30 -0.07	27.96 1.27 -7.48	29.83 0.98 -13.76	31.45 0.79 -18.06	31.50 0.64 -20.85	24.21 1.27 -3.50	42.45 -0.13 -45.17	19.80 0.72 -8.64

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.97 0.44 -10.48	16.60 0.22 -12.74	13.78 0.45 -5.57	12.01 0.23 -7.67	17.49 0.14 -14.63	12.96 0.07 -11.65	9.94 0.12 -7.52	10.85 0.38 -3.74	6.92 0.38 0.00	8.68 0.46 0.00	4.71 0.26 0.00	3.89 0.23 0.00	11.44 0.70 -0.18	12.67 0.69 -1.46	14.63 0.90 0.00	16.03 0.99 0.00	19.14 1.16 -0.07	27.93 1.17 -7.55	29.90 0.92 -13.89	31.58 0.75 -18.23	31.66 0.60 -21.04	24.14 1.17 -3.53	42.87 -0.13 -45.58	19.77 0.64 -8.70
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.20 0.44 -10.72	16.84 0.22 -12.99	14.02 0.45 -5.82	12.15 0.23 -7.81	17.77 0.15 -14.89	13.17 0.07 -11.86	10.08 0.13 -7.66	10.92 0.39 -3.81	6.93 0.38 0.00	8.68 0.46 0.00	4.70 0.25 0.00	3.88 0.21 0.00	11.39 0.65 -0.18	12.65 0.65 -1.49	14.57 0.84 0.00	15.98 0.94 0.00	19.12 1.14 -0.07	28.10 1.20 -7.68	30.22 0.98 -14.14	31.96 0.81 -18.55	32.08 0.64 -21.42	24.28 1.25 -3.59	43.70 -0.14 -46.43	20.11 0.63 -9.05
POLETTI____ 23519	17.90 0.47 -10.39	16.50 0.24 -12.62	13.76 0.48 -5.52	11.95 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.54	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.39 0.00	8.71 0.49 0.00	4.73 0.28 0.00	3.90 0.24 0.00	11.49 0.75 -0.18	12.72 0.75 -1.45	14.71 0.99 0.00	16.12 1.08 0.00	19.20 1.22 -0.07	27.86 1.16 -7.48	29.75 0.89 -13.76	31.38 0.72 -18.06	31.45 0.59 -20.85	24.10 1.16 -3.50	42.45 -0.12 -45.17	19.72 0.67 -8.62
PORT_JEFF_3 23555	18.02 0.59 -10.39	16.59 0.33 -12.63	13.94 0.66 -5.52	12.06 0.35 -7.60	17.45 0.22 -14.50	12.90 0.11 -11.55	9.95 0.19 -7.46	11.03 0.60 -3.71	7.09 0.54 0.00	8.80 0.58 0.00	4.79 0.34 0.00	3.96 0.30 0.00	11.65 0.91 -0.18	12.86 0.90 -1.45	14.92 1.20 0.00	16.28 1.24 0.00	43.39 1.60 -23.87	41.32 1.68 -20.42	37.14 1.38 -20.67	34.03 1.11 -20.33	43.48 0.93 -32.54	38.94 1.80 -17.70	84.68 -0.22 -87.48	38.04 1.01 -26.60
PORT_JEFF_4 23616	18.02 0.59 -10.39	16.59 0.33 -12.63	13.94 0.66 -5.52	12.06 0.35 -7.60	17.45 0.22 -14.50	12.90 0.11 -11.55	9.95 0.19 -7.46	11.03 0.60 -3.71	7.09 0.54 0.00	8.80 0.58 0.00	4.79 0.34 0.00	3.96 0.30 0.00	11.65 0.91 -0.18	12.86 0.90 -1.45	14.92 1.20 0.00	16.28 1.24 0.00	43.39 1.60 -23.87	41.32 1.68 -20.42	37.14 1.38 -20.67	34.03 1.11 -20.33	43.48 0.93 -32.54	38.94 1.80 -17.70	84.68 -0.22 -87.48	38.04 1.01 -26.60
PORT_JEFF_IC 23713	18.03 0.59 -10.39	16.60 0.33 -12.63	13.94 0.66 -5.52	12.06 0.35 -7.60	17.45 0.22 -14.50	12.90 0.11 -11.55	9.95 0.19 -7.46	11.03 0.60 -3.71	7.09 0.54 0.00	8.80 0.58 0.00	4.79 0.34 0.00	3.97 0.30 0.00	11.66 0.92 -0.18	12.87 0.90 -1.45	14.93 1.20 0.00	16.29 1.25 0.00	43.41 1.62 -23.87	41.34 1.71 -20.42	37.16 1.40 -20.67	34.02 1.09 -20.33	43.48 0.93 -32.54	38.97 1.83 -17.70	84.68 -0.22 -87.48	38.05 1.02 -26.60
PPL PILGRIM_ST_GT1 24216	18.03 0.60 -10.39	16.60 0.33 -12.63	13.95 0.67 -5.52	12.06 0.35 -7.60	17.45 0.22 -14.50	12.90 0.11 -11.55	9.95 0.19 -7.46	11.03 0.60 -3.71	7.09 0.55 0.00	8.81 0.59 0.00	4.80 0.35 0.00	3.97 0.31 0.00	11.66 0.93 -0.18	12.88 0.91 -1.45	14.94 1.21 0.00	16.30 1.26 0.00	43.40 1.62 -23.87	41.31 1.68 -20.42	37.09 1.33 -20.67	34.00 1.08 -20.33	43.45 0.90 -32.54	38.88 1.74 -17.70	84.68 -0.22 -87.48	38.03 1.01 -26.60
PPL PILGRIM_ST_GT2 24217	18.03 0.60 -10.39	16.60 0.33 -12.63	13.95 0.67 -5.52	12.06 0.35 -7.60	17.45 0.22 -14.50	12.90 0.11 -11.55	9.95 0.19 -7.46	11.03 0.60 -3.71	7.09 0.55 0.00	8.81 0.59 0.00	4.80 0.35 0.00	3.97 0.31 0.00	11.66 0.93 -0.18	12.88 0.91 -1.45	14.94 1.21 0.00	16.30 1.26 0.00	43.40 1.62 -23.87	41.31 1.68 -20.42	37.09 1.33 -20.67	34.00 1.08 -20.33	43.45 0.90 -32.54	38.88 1.74 -17.70	84.68 -0.22 -87.48	38.03 1.01 -26.60
PPL_SHRM_GT3 24213	17.97 0.53 -10.39	16.56 0.29 -12.63	13.88 0.60 -5.52	12.04 0.33 -7.60	17.43 0.20 -14.50	12.89 0.10 -11.55	9.93 0.18 -7.46	10.99 0.56 -3.71	7.03 0.48 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.25 0.00	11.49 0.76 -0.18	12.71 0.75 -1.45	14.73 1.00 0.00	16.07 1.04 0.00	43.17 1.38 -23.87	41.11 1.47 -20.42	37.00 1.24 -20.67	33.94 1.01 -20.33	43.41 0.86 -32.54	38.77 1.64 -17.70	84.70 -0.19 -87.48	37.95 0.92 -26.60
PPL_SHRM_GT4 24214	17.97 0.53 -10.39	16.56 0.29 -12.63	13.88 0.60 -5.52	12.04 0.33 -7.60	17.43 0.20 -14.50	12.89 0.10 -11.55	9.93 0.18 -7.46	10.99 0.56 -3.71	7.03 0.48 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.25 0.00	11.49 0.76 -0.18	12.71 0.75 -1.45	14.73 1.00 0.00	16.07 1.04 0.00	43.17 1.38 -23.87	41.11 1.47 -20.42	37.00 1.24 -20.67	33.94 1.01 -20.33	43.41 0.86 -32.54	38.77 1.64 -17.70	84.70 -0.19 -87.48	37.95 0.92 -26.60
PROJECT____ORANGE 1 24174	7.96 -0.14 -1.06	4.85 -0.07 -1.29	8.15 -0.16 -0.55	4.80 -0.08 -0.77	4.14 -0.06 -1.48	2.40 -0.02 -1.18	3.01 -0.05 -0.76	6.96 -0.14 -0.38	6.42 -0.12 0.00	8.08 -0.13 0.00	4.38 -0.07 0.00	3.60 -0.06 0.00	10.41 -0.17 -0.02	10.50 -0.16 -0.15	13.50 -0.22 0.00	14.82 -0.22 0.00	17.65 -0.27 -0.01	19.74 -0.24 -0.76	16.31 -0.19 -1.40	14.30 -0.14 -1.84	12.03 -0.11 -2.13	19.51 -0.28 -0.36	2.04 0.03 -4.61	11.15 -0.19 -0.91
PROJECT____ORANGE 2 24166	7.96 -0.14 -1.06	4.85 -0.07 -1.29	8.15 -0.16 -0.55	4.80 -0.08 -0.77	4.14 -0.06 -1.48	2.40 -0.02 -1.18	3.01 -0.05 -0.76	6.96 -0.14 -0.38	6.42 -0.12 0.00	8.08 -0.13 0.00	4.38 -0.07 0.00	3.60 -0.06 0.00	10.41 -0.17 -0.02	10.50 -0.16 -0.15	13.50 -0.22 0.00	14.82 -0.22 0.00	17.65 -0.27 -0.01	19.74 -0.24 -0.76	16.31 -0.19 -1.40	14.30 -0.14 -1.84	12.03 -0.11 -2.13	19.51 -0.28 -0.36	2.04 0.03 -4.61	11.15 -0.19 -0.91
PUCKETT____SOLAR 323809	10.48 0.18 -3.25	7.68 0.09 -3.96	9.66 0.17 -1.73	6.58 0.09 -2.38	7.33 0.06 -4.54	4.89 0.03 -3.62	4.68 0.05 -2.34	8.05 0.17 -1.16	6.69 0.15 0.00	8.39 0.17 0.00	4.52 0.07 0.00	3.72 0.06 0.00	10.79 0.17 -0.06	11.12 0.15 -0.45	13.91 0.18 0.00	15.32 0.28 0.00	18.37 0.43 -0.02	22.15 0.59 -2.34	19.83 0.42 -4.31	18.64 0.38 -5.66	16.87 0.32 -6.53	21.05 0.52 -1.10	11.47 -0.08 -14.15	13.38 0.24 -2.71
PYRITES____HYD 24023	7.03 -0.18 -0.16	3.75 -0.10 -0.20	7.66 -0.18 -0.08	4.14 -0.09 -0.12	2.90 -0.05 -0.23	1.40 -0.03 -0.18	2.38 -0.04 -0.12	6.65 -0.12 -0.06	6.41 -0.14 0.00	8.06 -0.16 0.00	4.33 -0.12 0.00	3.55 -0.12 0.00	10.20 -0.37 0.00	10.19 -0.35 -0.02	13.31 -0.42 0.00	14.64 -0.40 0.00	17.50 -0.42 0.00	18.93 -0.40 -0.12	14.99 -0.32 -0.22	12.62 -0.26 -0.29	10.13 -0.22 -0.33	19.10 -0.40 -0.05	-1.80 0.06 -0.72	10.33 -0.24 -0.13
QUAKERRD_115KV_BK1 80622	7.97 -0.39 -1.32	5.04 -0.21 -1.61	8.00 -0.44 -0.67	4.86 -0.22 -0.97	4.42 -0.15 -1.85	2.66 -0.06 -1.48	3.13 -0.12 -0.95	6.81 -0.38 -0.47	6.21 -0.34 0.00	7.87 -0.35 0.00	4.26 -0.19 0.00	3.51 -0.16 0.00	10.11 -0.47 -0.02	10.26 -0.44 -0.18	13.13 -0.60 0.00	14.38 -0.66 0.00	17.03 -0.90 -0.01	19.25 -0.92 -0.96	16.15 -0.71 -1.76	14.36 -0.54 -2.31	12.26 -0.43 -2.66	18.90 -0.98 -0.45	3.28 0.09 -5.77	10.97 -0.56 -1.10

QUENSBRY_115KV_TB8 356137	21.57 0.29 -14.23	21.10 0.14 -17.32	15.56 0.29 -7.51	14.70 0.15 -10.43	22.72 0.11 -19.89	17.13 0.05 -15.84	12.62 0.10 -10.23	12.09 0.28 -5.09	6.79 0.25 0.00	8.46 0.24 0.00	4.59 0.14 0.00	3.80 0.13 0.00	11.18 0.37 -0.24	12.88 0.38 -1.99	14.26 0.53 0.00	15.64 0.60 0.00	18.92 0.91 -0.09	30.58 1.10 -10.26	34.84 0.87 -18.88	38.14 0.76 -24.78	39.22 0.59 -28.60	25.32 1.08 -4.80	59.27 -0.13 -61.99	22.77 0.45 -11.88
RAMAPO____LBMP 323565	17.29 0.40 -9.84	15.80 0.20 -11.96	13.40 0.41 -5.24	11.52 0.21 -7.20	16.58 0.13 -13.73	12.24 0.06 -10.94	9.47 0.11 -7.06	10.58 0.35 -3.51	6.89 0.34 0.00	8.64 0.42 0.00	4.69 0.24 0.00	3.87 0.21 0.00	11.37 0.64 -0.17	12.53 0.63 -1.37	14.55 0.82 0.00	15.95 0.91 0.00	19.05 1.07 -0.06	27.38 1.09 -7.08	29.00 0.87 -13.03	30.42 0.71 -17.11	30.33 0.57 -19.75	23.84 1.09 -3.31	40.07 -0.13 -42.78	19.22 0.61 -8.18
RANKINE____ 23646	8.54 -0.28 -1.78	5.65 -0.15 -2.16	8.38 -0.31 -0.92	5.26 -0.15 -1.30	5.09 -0.12 -2.49	3.19 -0.04 -1.98	3.49 -0.08 -1.28	7.07 -0.28 -0.64	6.36 -0.18 0.00	8.13 -0.09 0.00	4.40 -0.05 0.00	3.63 -0.04 0.00	10.43 -0.16 -0.03	10.62 -0.15 -0.25	13.46 -0.26 0.00	14.70 -0.34 0.00	17.27 -0.66 -0.01	19.82 -0.68 -1.28	16.91 -0.55 -2.36	15.33 -0.37 -3.10	13.32 -0.28 -3.58	19.28 -0.76 -0.60	5.19 0.03 -7.75	11.53 -0.39 -1.49
RAVENSWOOD_GT2_1 24244	17.91 0.47 -10.39	16.50 0.24 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.41 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.25 0.00	11.50 0.76 -0.18	12.73 0.76 -1.45	14.72 1.00 0.00	16.13 1.10 0.00	19.22 1.24 -0.07	27.91 1.21 -7.48	29.79 0.93 -13.76	31.42 0.76 -18.06	31.48 0.61 -20.85	24.14 1.21 -3.50	42.46 -0.13 -45.17	19.76 0.69 -8.64
RAVENSWOOD_GT2_2 24245	17.91 0.47 -10.39	16.50 0.24 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.41 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.25 0.00	11.50 0.76 -0.18	12.73 0.76 -1.45	14.72 1.00 0.00	16.13 1.10 0.00	19.22 1.24 -0.07	27.91 1.21 -7.48	29.79 0.93 -13.76	31.42 0.76 -18.06	31.48 0.61 -20.85	24.14 1.21 -3.50	42.46 -0.13 -45.17	19.76 0.69 -8.64
RAVENSWOOD_GT2_3 24246	17.91 0.48 -10.39	16.50 0.24 -12.62	13.77 0.49 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.41 -3.71	6.95 0.40 0.00	8.72 0.50 0.00	4.73 0.29 0.00	3.91 0.25 0.00	11.51 0.77 -0.18	12.73 0.77 -1.45	14.73 1.00 0.00	16.14 1.10 0.00	19.23 1.25 -0.07	27.91 1.22 -7.48	29.79 0.94 -13.76	31.42 0.76 -18.06	31.48 0.62 -20.85	24.15 1.22 -3.50	42.45 -0.13 -45.17	19.76 0.69 -8.64
RAVENSWOOD_GT2_4 24247	17.91 0.48 -10.39	16.50 0.24 -12.62	13.77 0.49 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.41 -3.71	6.95 0.40 0.00	8.72 0.50 0.00	4.73 0.29 0.00	3.91 0.25 0.00	11.51 0.77 -0.18	12.73 0.77 -1.45	14.73 1.00 0.00	16.14 1.10 0.00	19.23 1.25 -0.07	27.91 1.22 -7.48	29.79 0.94 -13.76	31.42 0.76 -18.06	31.48 0.62 -20.85	24.15 1.22 -3.50	42.45 -0.13 -45.17	19.76 0.69 -8.64
RAVENSWOOD_GT3_1 24248	17.91 0.47 -10.39	16.50 0.24 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.41 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.25 0.00	11.50 0.76 -0.18	12.73 0.76 -1.45	14.72 0.99 0.00	16.13 1.10 0.00	19.22 1.24 -0.07	27.90 1.20 -7.48	29.79 0.93 -13.76	31.41 0.76 -18.06	31.48 0.61 -20.85	24.13 1.20 -3.50	42.45 -0.13 -45.17	19.75 0.68 -8.64
RAVENSWOOD_GT3_2 24249	17.91 0.47 -10.39	16.50 0.24 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.41 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.25 0.00	11.50 0.76 -0.18	12.73 0.76 -1.45	14.72 0.99 0.00	16.13 1.10 0.00	19.22 1.24 -0.07	27.90 1.20 -7.48	29.79 0.93 -13.76	31.41 0.76 -18.06	31.48 0.61 -20.85	24.13 1.20 -3.50	42.45 -0.13 -45.17	19.75 0.68 -8.64
RAVENSWOOD_GT3_3 24250	17.92 0.49 -10.39	16.51 0.24 -12.62	13.77 0.49 -5.52	11.96 0.25 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.88 0.14 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.73 0.51 0.00	4.74 0.29 0.00	3.91 0.25 0.00	11.52 0.78 -0.18	12.75 0.78 -1.45	14.74 1.02 0.00	16.15 1.12 0.00	19.25 1.27 -0.07	27.93 1.24 -7.48	29.81 0.96 -13.76	31.43 0.77 -18.06	31.50 0.63 -20.85	24.17 1.24 -3.50	42.45 -0.13 -45.17	19.77 0.70 -8.64
RAVENSWOOD_GT3_4 24251	17.92 0.49 -10.39	16.51 0.24 -12.62	13.77 0.49 -5.52	11.96 0.25 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.88 0.14 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.73 0.51 0.00	4.74 0.29 0.00	3.91 0.25 0.00	11.52 0.78 -0.18	12.75 0.78 -1.45	14.74 1.02 0.00	16.15 1.12 0.00	19.25 1.27 -0.07	27.93 1.24 -7.48	29.81 0.96 -13.76	31.43 0.77 -18.06	31.50 0.63 -20.85	24.17 1.24 -3.50	42.45 -0.13 -45.17	19.77 0.70 -8.64
RAVENSWOOD_GT_1 23729	17.93 0.50 -10.39	16.51 0.24 -12.62	13.78 0.50 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.89 0.14 -7.45	10.85 0.42 -3.71	6.96 0.42 0.00	8.75 0.53 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.55 0.81 -0.18	12.77 0.80 -1.45	14.78 1.05 0.00	16.20 1.16 0.00	19.28 1.30 -0.07	27.96 1.27 -7.48	29.83 0.98 -13.76	31.45 0.79 -18.06	31.50 0.64 -20.85	24.21 1.27 -3.50	42.45 -0.13 -45.17	19.80 0.72 -8.64
RAVENSWOOD_GT_10 24258	17.91 0.47 -10.39	16.50 0.24 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.25 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.09 0.00	19.22 1.24 -0.07	27.90 1.20 -7.48	29.79 0.93 -13.76	31.41 0.75 -18.06	31.48 0.61 -20.85	24.13 1.20 -3.50	42.45 -0.13 -45.17	19.75 0.68 -8.64
RAVENSWOOD_GT_11 24259	17.91 0.47 -10.39	16.50 0.24 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.25 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.09 0.00	19.22 1.24 -0.07	27.90 1.20 -7.48	29.79 0.93 -13.76	31.41 0.75 -18.06	31.48 0.61 -20.85	24.13 1.20 -3.50	42.45 -0.13 -45.17	19.75 0.68 -8.64
RAVENSWOOD_GT_4 24252	17.91 0.47 -10.39	16.50 0.23 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.12 1.09 0.00	19.22 1.24 -0.07	27.90 1.20 -7.48	29.79 0.93 -13.76	31.41 0.75 -18.06	31.48 0.61 -20.85	24.13 1.20 -3.50	42.45 -0.13 -45.17	19.75 0.68 -8.64

RAVENSWOOD_GT_5 24254	17.91 0.47 -10.39	16.50 0.23 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.12 1.09 0.00	19.22 1.24 -0.07	27.90 1.20 -7.48	29.79 0.93 -13.76	31.41 0.75 -18.06	31.48 0.61 -20.85	24.13 1.20 -3.50	42.45 -0.13 -45.17	19.75 0.68 -8.64
RAVENSWOOD_GT_6 24253	17.91 0.47 -10.39	16.50 0.23 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.12 1.09 0.00	19.22 1.24 -0.07	27.90 1.20 -7.48	29.79 0.93 -13.76	31.41 0.75 -18.06	31.48 0.61 -20.85	24.13 1.20 -3.50	42.45 -0.13 -45.17	19.75 0.68 -8.64
RAVENSWOOD_GT_7 24255	17.91 0.47 -10.39	16.50 0.23 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.12 1.09 0.00	19.22 1.24 -0.07	27.90 1.20 -7.48	29.79 0.93 -13.76	31.41 0.75 -18.06	31.48 0.61 -20.85	24.13 1.20 -3.50	42.45 -0.13 -45.17	19.75 0.68 -8.64
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.91 0.47 -10.39	16.50 0.24 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.25 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.09 0.00	19.22 1.24 -0.07	27.90 1.20 -7.48	29.79 0.93 -13.76	31.41 0.75 -18.06	31.48 0.61 -20.85	24.13 1.20 -3.50	42.45 -0.13 -45.17	19.75 0.68 -8.64
RAVENSWOOD_GT_9 24257	17.91 0.47 -10.39	16.50 0.24 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.40 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.25 0.00	11.50 0.76 -0.18	12.72 0.76 -1.45	14.72 0.99 0.00	16.13 1.09 0.00	19.22 1.24 -0.07	27.90 1.20 -7.48	29.79 0.93 -13.76	31.41 0.75 -18.06	31.48 0.61 -20.85	24.13 1.20 -3.50	42.45 -0.13 -45.17	19.75 0.68 -8.64
RAVENSWOOD___1 23533	17.92 0.49 -10.39	16.51 0.24 -12.62	13.77 0.49 -5.52	11.97 0.25 -7.60	17.38 0.15 -14.50	12.86 0.07 -11.55	9.88 0.14 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.74 0.52 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.53 0.79 -0.18	12.76 0.79 -1.45	14.76 1.03 0.00	16.17 1.13 0.00	19.25 1.27 -0.07	27.93 1.23 -7.48	29.81 0.96 -13.76	31.43 0.77 -18.06	31.49 0.63 -20.85	24.17 1.24 -3.50	42.45 -0.13 -45.17	19.78 0.71 -8.64
RAVENSWOOD___2 23534	17.92 0.49 -10.39	16.51 0.24 -12.62	13.77 0.49 -5.52	11.97 0.25 -7.60	17.38 0.15 -14.50	12.86 0.07 -11.55	9.88 0.14 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.74 0.52 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.53 0.79 -0.18	12.76 0.79 -1.45	14.76 1.03 0.00	16.17 1.13 0.00	19.25 1.27 -0.07	27.93 1.23 -7.48	29.81 0.96 -13.76	31.43 0.77 -18.06	31.49 0.63 -20.85	24.17 1.24 -3.50	42.45 -0.13 -45.17	19.78 0.71 -8.64
RAVENSWOOD___3 23535	17.91 0.47 -10.39	16.50 0.24 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.50	12.86 0.07 -11.55	9.88 0.13 -7.45	10.83 0.41 -3.71	6.94 0.40 0.00	8.72 0.50 0.00	4.73 0.28 0.00	3.91 0.25 0.00	11.50 0.76 -0.18	12.73 0.76 -1.45	14.73 1.00 0.00	16.13 1.10 0.00	19.22 1.24 -0.07	27.91 1.21 -7.48	29.79 0.93 -13.76	31.42 0.76 -18.06	31.48 0.61 -20.85	24.14 1.21 -3.50	42.46 -0.13 -45.17	19.76 0.69 -8.64
RAVENSWOOD___4 23820	17.92 0.49 -10.39	16.51 0.24 -12.62	13.77 0.49 -5.52	11.97 0.25 -7.60	17.38 0.15 -14.50	12.86 0.07 -11.55	9.88 0.14 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.74 0.52 0.00	4.75 0.30 0.00	3.92 0.26 0.00	11.53 0.79 -0.18	12.76 0.79 -1.45	14.76 1.03 0.00	16.17 1.13 0.00	19.25 1.27 -0.07	27.93 1.23 -7.48	29.81 0.96 -13.76	31.43 0.77 -18.06	31.49 0.63 -20.85	24.17 1.24 -3.50	42.45 -0.13 -45.17	19.78 0.71 -8.64
RCPL_TRUST___DRP 24196	17.91 0.48 -10.38	16.51 0.24 -12.62	13.77 0.49 -5.52	11.96 0.25 -7.60	17.37 0.15 -14.49	12.86 0.07 -11.54	9.88 0.13 -7.45	10.84 0.42 -3.71	6.96 0.41 0.00	8.73 0.51 0.00	4.74 0.29 0.00	3.92 0.25 0.00	11.52 0.78 -0.18	12.75 0.78 -1.45	14.75 1.02 0.00	16.15 1.11 0.00	19.25 1.27 -0.07	27.92 1.23 -7.48	29.79 0.94 -13.76	31.41 0.76 -18.06	31.48 0.62 -20.84	24.15 1.22 -3.50	42.44 -0.13 -45.16	19.74 0.69 -8.62
RED___ROCHESTER 323720	8.18 -0.23 -1.37	5.17 -0.12 -1.66	8.22 -0.26 -0.73	4.98 -0.13 -1.00	4.53 -0.09 -1.91	2.72 -0.03 -1.52	3.20 -0.07 -0.98	6.96 -0.24 -0.49	6.36 -0.19 0.00	8.07 -0.15 0.00	4.38 -0.07 0.00	3.60 -0.06 0.00	10.41 -0.17 -0.02	10.57 -0.14 -0.19	13.54 -0.19 0.00	14.81 -0.23 0.00	17.51 -0.41 -0.01	19.80 -0.40 -0.98	16.61 -0.29 -1.81	14.78 -0.19 -2.37	12.61 -0.14 -2.74	19.43 -0.47 -0.46	3.36 0.02 -5.94	11.28 -0.28 -1.14
REGAN___SOLAR 323812	23.91 0.61 -16.25	23.71 0.31 -19.76	17.05 0.65 -8.64	16.35 0.34 -11.90	25.65 0.24 -22.69	19.42 0.11 -18.07	14.14 0.17 -11.67	12.93 0.41 -5.81	6.92 0.37 0.00	8.58 0.36 0.00	4.61 0.16 0.00	3.84 0.18 0.00	11.25 0.41 -0.28	13.26 0.47 -2.27	14.32 0.59 0.00	15.90 0.87 0.00	19.44 1.43 -0.10	32.67 1.75 -11.71	38.07 1.43 -21.54	42.13 1.26 -28.27	43.65 1.00 -32.63	26.79 1.87 -5.48	67.89 -0.23 -70.71	24.88 0.92 -13.52
RENSSELAER___COGEN 23796	20.67 0.09 -13.54	20.15 0.05 -16.45	15.08 0.13 -7.19	14.09 0.07 -9.91	21.65 0.03 -18.89	16.31 0.02 -15.05	12.06 0.05 -9.71	11.66 0.11 -4.83	6.67 0.13 0.00	8.35 0.13 0.00	4.52 0.08 0.00	3.73 0.07 0.00	10.99 0.20 -0.23	12.61 0.20 -1.89	13.94 0.21 0.00	15.23 0.19 0.00	18.26 0.26 -0.09	29.20 0.24 -9.74	33.24 0.21 -17.93	36.30 0.17 -23.53	37.31 0.13 -27.16	24.27 0.27 -4.56	56.26 -0.03 -58.88	21.84 0.14 -11.26
REPUBLIC_115KV_BARTNBRK 55605	21.83 0.57 -14.22	21.21 0.27 -17.30	15.83 0.57 -7.50	14.84 0.30 -10.42	22.81 0.22 -19.87	17.17 0.10 -15.83	12.71 0.20 -10.22	12.37 0.57 -5.08	7.04 0.50 0.00	8.68 0.46 0.00	4.70 0.25 0.00	3.90 0.24 0.00	11.45 0.64 -0.24	13.15 0.65 -1.99	14.70 0.97 0.00	16.21 1.17 0.00	19.73 1.73 -0.09	31.55 2.08 -10.25	35.52 1.56 -18.87	38.72 1.37 -24.76	39.66 1.06 -28.57	26.19 1.96 -4.80	59.10 -0.24 -61.93	23.08 0.77 -11.87
REVERE_CPPR_DRP 24186	7.68 0.05 -0.59	4.38 0.02 -0.71	8.11 0.05 -0.31	4.56 0.02 -0.43	3.56 0.02 -0.82	1.91 0.01 -0.65	2.74 0.02 -0.42	6.99 0.07 -0.21	6.60 0.05 0.00	8.28 0.06 0.00	4.48 0.03 0.00	3.67 0.01 0.00	10.61 0.04 -0.01	10.63 0.03 -0.08	13.76 0.04 0.00	15.15 0.11 0.00	18.20 0.28 0.00	20.02 0.39 -0.42	16.22 0.34 -0.78	13.94 0.31 -1.03	11.46 0.26 -1.18	20.07 0.44 -0.20	-0.08 -0.06 -2.56	11.09 0.17 -0.49

REYNOLDS_115KV_TB3 80639	20.72 0.15 -13.53	20.19 0.08 -16.48	15.04 0.18 -7.11	14.13 0.10 -9.93	21.71 0.05 -18.93	16.34 0.03 -15.08	12.09 0.06 -9.73	11.72 0.15 -4.84	6.71 0.16 0.00	8.39 0.16 0.00	4.55 0.10 0.00	3.75 0.09 0.00	11.05 0.26 -0.23	12.67 0.26 -1.89	14.02 0.30 0.00	15.31 0.28 0.00	18.37 0.37 -0.09	29.36 0.38 -9.76	33.38 0.32 -17.97	36.43 0.26 -23.58	37.43 0.20 -27.22	24.41 0.40 -4.57	56.34 -0.05 -58.98	21.80 0.22 -11.15
RIVERBAY____ 323610	17.92 0.49 -10.39	16.51 0.24 -12.63	13.78 0.50 -5.52	11.97 0.25 -7.60	17.38 0.16 -14.50	12.86 0.07 -11.55	9.89 0.14 -7.45	10.84 0.41 -3.71	6.95 0.41 0.00	8.74 0.52 0.00	4.73 0.28 0.00	3.91 0.24 0.00	11.50 0.76 -0.18	12.71 0.75 -1.45	14.70 0.98 0.00	16.11 1.07 0.00	19.17 1.18 -0.07	27.86 1.17 -7.48	29.77 0.91 -13.76	31.40 0.74 -18.06	31.47 0.60 -20.85	24.14 1.21 -3.50	42.46 -0.12 -45.17	19.75 0.70 -8.62
RIVERSDE_115KV_TB3 55908	20.71 0.11 -13.55	20.20 0.06 -16.50	15.04 0.15 -7.13	14.13 0.08 -9.94	21.71 0.04 -18.95	16.36 0.02 -15.09	12.09 0.05 -9.75	11.69 0.13 -4.85	6.69 0.14 0.00	8.37 0.15 0.00	4.53 0.08 0.00	3.74 0.08 0.00	11.02 0.23 -0.23	12.65 0.23 -1.90	13.98 0.25 0.00	15.27 0.23 0.00	18.32 0.32 -0.09	29.29 0.30 -9.78	33.35 0.26 -17.99	36.41 0.21 -23.61	37.43 0.16 -27.25	24.34 0.33 -4.57	56.42 -0.04 -59.04	21.79 0.17 -11.18
ROARING____BROOK_WT_PWR 323790	6.78 -0.26 0.00	3.52 -0.12 0.00	7.49 -0.27 0.00	3.96 -0.15 0.00	2.63 -0.09 0.00	1.20 -0.04 0.00	2.24 -0.06 0.00	6.58 -0.14 0.00	6.46 -0.08 0.00	8.14 -0.08 0.00	4.40 -0.05 0.00	3.62 -0.04 0.00	10.43 -0.13 0.00	10.38 -0.13 0.00	13.55 -0.18 0.00	14.81 -0.23 0.00	17.65 -0.27 0.00	18.98 -0.23 0.00	14.90 -0.19 0.00	12.44 -0.15 0.00	9.89 -0.13 0.00	19.21 -0.23 0.00	-2.56 0.03 0.00	10.32 -0.11 0.00
ROCHESRG_115KV_T4 355643	8.10 -0.29 -1.35	5.13 -0.15 -1.65	8.12 -0.32 -0.69	4.94 -0.16 -0.99	4.50 -0.12 -1.89	2.71 -0.04 -1.51	3.18 -0.09 -0.97	6.91 -0.29 -0.48	6.31 -0.23 0.00	8.01 -0.21 0.00	4.34 -0.11 0.00	3.57 -0.09 0.00	10.30 -0.28 -0.02	10.45 -0.25 -0.19	13.39 -0.34 0.00	14.64 -0.40 0.00	17.30 -0.62 -0.01	19.56 -0.63 -0.98	16.41 -0.48 -1.80	14.61 -0.35 -2.36	12.47 -0.27 -2.72	19.20 -0.69 -0.46	3.35 0.05 -5.90	11.16 -0.40 -1.12
ROCHESTER_9_IC 23652	8.14 -0.26 -1.35	5.16 -0.14 -1.66	8.16 -0.29 -0.69	4.96 -0.15 -1.00	4.52 -0.11 -1.91	2.72 -0.04 -1.52	3.20 -0.08 -0.98	6.94 -0.27 -0.49	6.34 -0.21 0.00	8.04 -0.18 0.00	4.36 -0.09 0.00	3.59 -0.08 0.00	10.36 -0.22 -0.02	10.51 -0.20 -0.19	13.47 -0.26 0.00	14.73 -0.30 0.00	17.41 -0.51 -0.01	19.69 -0.51 -0.98	16.51 -0.39 -1.81	14.70 -0.27 -2.37	12.55 -0.20 -2.74	19.32 -0.58 -0.46	3.38 0.03 -5.93	11.22 -0.34 -1.13
ROCKVIEW_13_KV_LD 356306	17.90 0.47 -10.39	16.50 0.24 -12.62	13.76 0.48 -5.52	11.96 0.24 -7.60	17.37 0.15 -14.49	12.85 0.07 -11.55	9.88 0.13 -7.45	10.83 0.41 -3.71	6.94 0.40 0.00	8.71 0.49 0.00	4.73 0.28 0.00	3.90 0.24 0.00	11.49 0.75 -0.18	12.71 0.74 -1.45	14.70 0.97 0.00	16.10 1.07 0.00	19.22 1.24 -0.07	27.93 1.23 -7.48	29.82 0.96 -13.76	31.44 0.79 -18.06	31.50 0.63 -20.85	24.17 1.24 -3.50	42.44 -0.14 -45.17	19.73 0.68 -8.62
ROME____115KV_TB2 80656	7.68 0.05 -0.59	4.38 0.02 -0.71	8.11 0.05 -0.31	4.56 0.02 -0.43	3.56 0.02 -0.82	1.91 0.01 -0.65	2.74 0.02 -0.42	6.99 0.07 -0.21	6.60 0.05 0.00	8.28 0.06 0.00	4.48 0.03 0.00	3.67 0.01 0.00	10.61 0.04 -0.01	10.63 0.03 -0.08	13.76 0.04 0.00	15.15 0.11 0.00	18.20 0.28 0.00	20.02 0.39 -0.42	16.22 0.34 -0.78	13.94 0.31 -1.03	11.46 0.26 -1.18	20.07 0.44 -0.20	-0.08 -0.06 -2.56	11.09 0.17 -0.49
ROSETON____1 23587	17.66 0.38 -10.24	16.28 0.19 -12.45	13.59 0.39 -5.44	11.80 0.20 -7.50	17.14 0.13 -14.29	12.68 0.06 -11.38	9.75 0.11 -7.35	10.71 0.33 -3.66	6.87 0.33 0.00	8.61 0.39 0.00	4.67 0.22 0.00	3.86 0.19 0.00	11.33 0.60 -0.17	12.54 0.59 -1.43	14.50 0.77 0.00	15.88 0.85 0.00	18.97 0.99 -0.06	27.60 1.01 -7.37	29.47 0.80 -13.57	31.06 0.66 -17.81	31.09 0.52 -20.55	23.90 1.02 -3.45	41.84 -0.11 -44.54	19.50 0.55 -8.52
ROSETON____2 23588	17.66 0.38 -10.24	16.28 0.19 -12.45	13.59 0.39 -5.44	11.80 0.20 -7.50	17.14 0.13 -14.29	12.68 0.06 -11.38	9.75 0.11 -7.35	10.71 0.33 -3.66	6.87 0.33 0.00	8.61 0.39 0.00	4.67 0.22 0.00	3.86 0.19 0.00	11.33 0.60 -0.17	12.54 0.59 -1.43	14.50 0.77 0.00	15.88 0.85 0.00	18.97 0.99 -0.06	27.60 1.01 -7.37	29.47 0.80 -13.57	31.06 0.66 -17.81	31.09 0.52 -20.55	23.90 1.02 -3.45	41.84 -0.11 -44.54	19.50 0.55 -8.52
ROTTSDAM_115KV_TB3 80664	21.74 0.24 -14.46	21.36 0.12 -17.60	15.65 0.26 -7.63	14.85 0.14 -10.60	23.03 0.09 -20.21	17.38 0.04 -16.10	12.77 0.08 -10.40	12.11 0.22 -5.17	6.76 0.21 0.00	8.46 0.24 0.00	4.58 0.13 0.00	3.78 0.11 0.00	11.14 0.33 -0.25	12.87 0.33 -2.02	14.16 0.43 0.00	15.49 0.46 0.00	18.61 0.60 -0.09	30.33 0.69 -10.43	34.85 0.57 -19.19	38.26 0.48 -25.18	39.47 0.38 -29.07	25.04 0.72 -4.88	60.31 -0.09 -62.99	22.90 0.36 -12.11
RUSSELL____1 23602	8.17 -0.23 -1.35	5.17 -0.13 -1.66	8.19 -0.27 -0.69	4.97 -0.13 -1.00	4.53 -0.10 -1.91	2.72 -0.03 -1.52	3.20 -0.07 -0.98	6.96 -0.24 -0.49	6.36 -0.19 0.00	8.07 -0.15 0.00	4.38 -0.07 0.00	3.60 -0.06 0.00	10.41 -0.17 -0.02	10.57 -0.14 -0.19	13.54 -0.19 0.00	14.81 -0.23 0.00	17.51 -0.42 -0.01	19.80 -0.40 -0.98	16.60 -0.30 -1.81	14.78 -0.19 -2.37	12.61 -0.15 -2.74	19.43 -0.47 -0.46	3.36 0.02 -5.93	11.28 -0.29 -1.13
RUSSELL____2 23532	8.17 -0.23 -1.35	5.17 -0.13 -1.66	8.19 -0.27 -0.69	4.97 -0.13 -1.00	4.53 -0.10 -1.91	2.72 -0.03 -1.52	3.20 -0.07 -0.98	6.96 -0.24 -0.49	6.36 -0.19 0.00	8.07 -0.15 0.00	4.38 -0.07 0.00	3.60 -0.06 0.00	10.41 -0.17 -0.02	10.57 -0.14 -0.19	13.54 -0.19 0.00	14.81 -0.23 0.00	17.51 -0.42 -0.01	19.80 -0.40 -0.98	16.60 -0.30 -1.81	14.78 -0.19 -2.37	12.61 -0.15 -2.74	19.43 -0.47 -0.46	3.36 0.02 -5.93	11.28 -0.29 -1.13
RUSSELL____3 23549	8.17 -0.23 -1.35	5.17 -0.13 -1.66	8.19 -0.27 -0.69	4.97 -0.13 -1.00	4.53 -0.10 -1.91	2.72 -0.03 -1.52	3.20 -0.07 -0.98	6.96 -0.24 -0.49	6.36 -0.19 0.00	8.07 -0.15 0.00	4.38 -0.07 0.00	3.60 -0.06 0.00	10.41 -0.17 -0.02	10.57 -0.14 -0.19	13.54 -0.19 0.00	14.81 -0.23 0.00	17.51 -0.42 -0.01	19.80 -0.40 -0.98	16.60 -0.30 -1.81	14.78 -0.19 -2.37	12.61 -0.15 -2.74	19.43 -0.47 -0.46	3.36 0.02 -5.93	11.28 -0.29 -1.13
RUSSELL____4 23556	8.17 -0.23 -1.35	5.17 -0.13 -1.66	8.19 -0.27 -0.69	4.97 -0.13 -1.00	4.53 -0.10 -1.91	2.72 -0.03 -1.52	3.20 -0.07 -0.98	6.96 -0.24 -0.49	6.36 -0.19 0.00	8.07 -0.15 0.00	4.38 -0.07 0.00	3.60 -0.06 0.00	10.41 -0.17 -0.02	10.57 -0.14 -0.19	13.54 -0.19 0.00	14.81 -0.23 0.00	17.51 -0.42 -0.01	19.80 -0.40 -0.98	16.60 -0.30 -1.81	14.78 -0.19 -2.37	12.61 -0.15 -2.74	19.43 -0.47 -0.46	3.36 0.02 -5.93	11.28 -0.29 -1.13

SITHE_IND_GS1 24169	7.61 -0.28 -0.85	4.52 -0.15 -1.03	7.89 -0.31 -0.45	4.56 -0.16 -0.62	3.79 -0.11 -1.19	2.14 -0.05 -0.94	2.81 -0.09 -0.61	6.75 -0.27 -0.30	6.29 -0.26 0.00	7.92 -0.30 0.00	4.29 -0.16 0.00	3.53 -0.13 0.00	10.19 -0.38 -0.01	10.25 -0.38 -0.12	13.22 -0.51 0.00	14.50 -0.54 0.00	17.27 -0.65 -0.01	19.17 -0.66 -0.61	15.70 -0.51 -1.12	13.66 -0.41 -1.47	11.40 -0.32 -1.70	19.03 -0.69 -0.29	1.18 0.08 -3.69	10.74 -0.40 -0.71
SITHE_IND_GS2 24170	7.61 -0.28 -0.85	4.52 -0.15 -1.03	7.89 -0.31 -0.45	4.56 -0.16 -0.62	3.79 -0.11 -1.19	2.14 -0.05 -0.94	2.81 -0.09 -0.61	6.75 -0.27 -0.30	6.29 -0.26 0.00	7.92 -0.30 0.00	4.29 -0.16 0.00	3.53 -0.13 0.00	10.19 -0.38 -0.01	10.25 -0.38 -0.12	13.22 -0.51 0.00	14.50 -0.54 0.00	17.27 -0.65 -0.01	19.17 -0.66 -0.61	15.70 -0.51 -1.12	13.66 -0.41 -1.47	11.40 -0.32 -1.70	19.03 -0.69 -0.29	1.18 0.08 -3.69	10.74 -0.40 -0.71
SITHE_IND_GS3 24171	7.61 -0.28 -0.85	4.52 -0.15 -1.03	7.89 -0.31 -0.45	4.56 -0.16 -0.62	3.79 -0.11 -1.19	2.14 -0.05 -0.94	2.81 -0.09 -0.61	6.75 -0.27 -0.30	6.29 -0.26 0.00	7.92 -0.30 0.00	4.29 -0.16 0.00	3.53 -0.13 0.00	10.19 -0.38 -0.01	10.25 -0.38 -0.12	13.22 -0.51 0.00	14.50 -0.54 0.00	17.27 -0.65 -0.01	19.17 -0.66 -0.61	15.70 -0.51 -1.12	13.66 -0.41 -1.47	11.40 -0.32 -1.70	19.03 -0.69 -0.29	1.18 0.08 -3.69	10.74 -0.40 -0.71
SITHE_IND_GS4 24172	7.61 -0.28 -0.85	4.52 -0.15 -1.03	7.89 -0.31 -0.45	4.56 -0.16 -0.62	3.79 -0.11 -1.19	2.14 -0.05 -0.94	2.81 -0.09 -0.61	6.75 -0.27 -0.30	6.29 -0.26 0.00	7.92 -0.30 0.00	4.29 -0.16 0.00	3.53 -0.13 0.00	10.19 -0.38 -0.01	10.25 -0.38 -0.12	13.22 -0.51 0.00	14.50 -0.54 0.00	17.27 -0.65 -0.01	19.17 -0.66 -0.61	15.70 -0.51 -1.12	13.66 -0.41 -1.47	11.40 -0.32 -1.70	19.03 -0.69 -0.29	1.18 0.08 -3.69	10.74 -0.40 -0.71
SITHE___BATAVIA 24024	8.35 -0.20 -1.51	5.36 -0.11 -1.83	8.34 -0.22 -0.80	5.10 -0.11 -1.10	4.74 -0.09 -2.10	2.89 -0.02 -1.67	3.32 -0.06 -1.08	7.04 -0.21 -0.54	6.40 -0.15 0.00	8.14 -0.08 0.00	4.39 -0.06 0.00	3.61 -0.06 0.00	10.40 -0.19 -0.03	10.63 -0.10 -0.21	13.64 -0.09 0.00	14.92 -0.12 0.00	17.57 -0.36 -0.01	19.94 -0.36 -1.08	16.86 -0.23 -2.00	15.10 -0.12 -2.62	12.96 -0.08 -3.02	19.55 -0.39 -0.51	3.96 0.00 -6.55	11.45 -0.23 -1.25
SITHE___INDEPEND 23800	7.61 -0.28 -0.84	4.52 -0.15 -1.03	7.88 -0.31 -0.44	4.56 -0.16 -0.62	3.79 -0.11 -1.19	2.14 -0.05 -0.94	2.81 -0.09 -0.61	6.75 -0.27 -0.30	6.29 -0.26 0.00	7.92 -0.30 0.00	4.29 -0.16 0.00	3.53 -0.13 0.00	10.19 -0.38 -0.01	10.25 -0.38 -0.12	13.22 -0.51 0.00	14.50 -0.54 0.00	17.27 -0.65 -0.01	19.17 -0.66 -0.61	15.70 -0.51 -1.12	13.66 -0.41 -1.47	11.40 -0.32 -1.70	19.03 -0.69 -0.29	1.18 0.08 -3.69	10.74 -0.40 -0.71
SITHE___MASSENA 23902	6.94 -0.10 0.00	3.59 -0.05 0.00	7.66 -0.09 0.00	4.06 -0.05 0.00	2.70 -0.03 0.00	1.23 -0.01 0.00	2.28 -0.02 0.00	6.65 -0.06 0.00	6.48 -0.07 0.00	8.15 -0.07 0.00	4.40 -0.05 0.00	3.61 -0.05 0.00	10.38 -0.18 0.00	10.34 -0.18 0.00	13.53 -0.20 0.00	14.82 -0.21 0.00	17.65 -0.26 0.00	18.93 -0.28 0.00	14.87 -0.23 0.00	12.40 -0.20 0.00	9.84 -0.17 0.00	19.17 -0.27 0.00	-2.55 0.04 0.00	10.30 -0.13 0.00
SITHE___OGDNSBRG 24021	7.07 -0.12 -0.14	3.75 -0.06 -0.17	7.72 -0.11 -0.07	4.16 -0.05 -0.10	2.89 -0.03 -0.20	1.38 -0.02 -0.16	2.38 -0.02 -0.10	6.69 -0.07 -0.05	6.45 -0.09 0.00	8.12 -0.10 0.00	4.37 -0.08 0.00	3.58 -0.08 0.00	10.31 -0.26 0.00	10.29 -0.24 -0.02	13.45 -0.28 0.00	14.78 -0.25 0.00	17.66 -0.26 0.00	19.07 -0.24 -0.10	15.09 -0.19 -0.19	12.69 -0.16 -0.25	10.16 -0.14 -0.29	19.26 -0.22 -0.05	-1.93 0.05 -0.62	10.40 -0.14 -0.11
SITHE___STERLING 23777	7.77 0.04 -0.68	4.49 0.02 -0.83	8.15 0.04 -0.36	4.63 0.02 -0.50	3.69 0.01 -0.95	2.01 0.01 -0.76	2.80 0.02 -0.49	7.01 0.05 -0.24	6.58 0.03 0.00	8.27 0.04 0.00	4.47 0.02 0.00	3.67 0.01 0.00	10.60 0.03 -0.01	10.64 0.03 -0.10	13.76 0.03 0.00	15.12 0.08 0.00	18.12 0.20 0.00	19.99 0.29 -0.49	16.25 0.26 -0.90	14.01 0.23 -1.18	11.58 0.19 -1.37	19.98 0.31 -0.23	0.34 -0.04 -2.96	11.11 0.12 -0.57
SLEIGHT__34_KV_TB1 80719	8.37 -0.02 -1.35	5.26 -0.02 -1.65	8.40 -0.06 -0.69	5.08 -0.03 -0.99	4.60 -0.02 -1.90	2.75 0.00 -1.51	3.27 -0.01 -0.97	7.18 -0.03 -0.48	6.51 -0.03 0.00	8.22 0.00 0.00	4.45 0.00 0.00	3.65 -0.01 0.00	10.56 -0.02 -0.02	10.71 0.01 -0.19	13.70 -0.03 0.00	15.09 0.06 0.00	17.97 0.05 -0.01	20.35 0.16 -0.98	16.98 0.09 -1.80	15.05 0.09 -2.36	12.84 0.10 -2.73	19.97 0.07 -0.46	3.30 -0.01 -5.90	11.52 -0.04 -1.14
SOUTH CAIRO___GT 23612	19.91 0.27 -12.59	19.08 0.14 -15.31	14.76 0.31 -6.69	13.49 0.16 -9.22	20.39 0.10 -17.58	15.29 0.05 -14.00	11.44 0.10 -9.04	11.48 0.27 -4.50	6.80 0.25 0.00	8.45 0.23 0.00	4.58 0.13 0.00	3.77 0.11 0.00	11.08 0.30 -0.21	12.58 0.31 -1.76	14.09 0.36 0.00	15.39 0.35 0.00	18.52 0.52 -0.08	28.96 0.69 -9.06	32.43 0.67 -16.67	35.09 0.61 -21.87	35.77 0.51 -25.25	24.64 0.96 -4.24	52.05 -0.12 -54.76	21.34 0.43 -10.47
SOUTH HAMPTN___IC 23720	18.09 0.66 -10.39	16.63 0.36 -12.63	14.02 0.74 -5.52	12.11 0.39 -7.60	17.47 0.25 -14.50	12.91 0.12 -11.55	9.97 0.22 -7.46	11.11 0.68 -3.71	7.15 0.60 0.00	8.87 0.65 0.00	4.82 0.37 0.00	3.99 0.33 0.00	11.72 0.98 -0.18	12.92 0.96 -1.45	15.01 1.28 0.00	16.39 1.36 0.00	43.56 1.78 -23.87	41.55 1.91 -20.42	37.35 1.59 -20.67	34.23 1.30 -20.33	43.65 1.10 -32.54	39.22 2.08 -17.70	84.65 -0.25 -87.48	38.16 1.13 -26.60
SOUTHDOW__115KV_TB1 355954	9.12 0.15 -1.92	6.04 0.06 -2.34	8.87 0.11 -1.00	5.58 0.05 -1.41	5.45 0.03 -2.70	3.42 0.03 -2.15	3.72 0.04 -1.39	7.52 0.11 -0.69	6.77 0.22 0.00	8.59 0.37 0.00	4.67 0.22 0.00	3.83 0.17 0.00	11.08 0.48 -0.03	11.29 0.51 -0.27	14.36 0.63 0.00	15.71 0.67 0.00	18.53 0.60 -0.01	21.27 0.66 -1.39	18.12 0.47 -2.56	16.40 0.45 -3.36	14.24 0.34 -3.88	20.50 0.41 -0.65	5.65 -0.16 -8.40	12.31 0.27 -1.61
SOUTHOLD_69_KV_BK 2 55809	18.18 0.75 -10.39	16.67 0.40 -12.63	14.11 0.83 -5.52	12.16 0.44 -7.60	17.51 0.28 -14.50	12.93 0.14 -11.55	10.00 0.24 -7.46	11.19 0.76 -3.71	7.23 0.68 0.00	8.97 0.75 0.00	4.87 0.42 0.00	4.03 0.37 0.00	11.84 1.10 -0.18	13.04 1.08 -1.45	15.17 1.44 0.00	16.58 1.54 0.00	43.80 2.01 -23.87	41.81 2.18 -20.42	37.56 1.80 -20.67	34.42 1.49 -20.33	43.81 1.25 -32.54	39.50 2.36 -17.70	84.61 -0.29 -87.48	38.27 1.26 -26.58
SOUTHOLD___IC 23719	18.18 0.75 -10.39	16.67 0.40 -12.63	14.11 0.83 -5.52	12.16 0.44 -7.60	17.51 0.28 -14.50	12.93 0.14 -11.55	10.00 0.24 -7.46	11.19 0.76 -3.71	7.23 0.68 0.00	8.97 0.75 0.00	4.87 0.42 0.00	4.03 0.37 0.00	11.84 1.10 -0.18	13.04 1.08 -1.45	15.17 1.44 0.00	16.58 1.55 0.00	43.79 2.01 -23.87	41.81 2.18 -20.42	37.56 1.80 -20.67	34.42 1.49 -20.33	43.81 1.25 -32.54	39.50 2.36 -17.70	84.61 -0.28 -87.48	38.29 1.26 -26.60

WESTOVER___LESR 323668	10.32 0.09 -3.19	7.57 0.04 -3.89	9.49 0.08 -1.65	6.50 0.04 -2.34	7.22 0.03 -4.47	4.82 0.02 -3.56	4.62 0.02 -2.30	7.96 0.10 -1.14	6.65 0.10 0.00	8.36 0.14 0.00	4.52 0.07 0.00	3.73 0.06 0.00	10.81 0.20 -0.05	11.13 0.17 -0.45	13.89 0.17 0.00	15.26 0.23 0.00	18.19 0.25 -0.02	21.86 0.35 -2.31	19.54 0.21 -4.24	18.36 0.20 -5.57	16.61 0.16 -6.43	20.76 0.25 -1.08	11.28 -0.05 -13.92	13.17 0.11 -2.63
WETHRSFD_WT_PWR 323626	8.82 -0.19 -1.96	5.92 -0.10 -2.39	8.59 -0.22 -1.04	5.44 -0.11 -1.44	5.38 -0.09 -2.74	3.40 -0.03 -2.18	3.63 -0.07 -1.41	7.19 -0.23 -0.70	6.39 -0.15 0.00	8.15 -0.07 0.00	4.42 -0.03 0.00	3.65 -0.02 0.00	10.50 -0.09 -0.03	10.70 -0.09 -0.27	13.49 -0.24 0.00	14.76 -0.28 0.00	17.42 -0.50 -0.01	20.19 -0.44 -1.41	17.31 -0.38 -2.60	15.76 -0.25 -3.41	13.78 -0.18 -3.94	19.54 -0.56 -0.66	5.97 0.01 -8.54	11.78 -0.28 -1.63
WHAVSTOR_138KV_BK127 55557	17.37 0.41 -9.91	15.89 0.21 -12.04	13.46 0.42 -5.29	11.57 0.21 -7.25	16.68 0.13 -13.82	12.31 0.06 -11.01	9.52 0.11 -7.11	10.61 0.36 -3.54	6.90 0.35 0.00	8.65 0.43 0.00	4.69 0.24 0.00	3.87 0.21 0.00	11.39 0.66 -0.17	12.55 0.65 -1.38	14.57 0.84 0.00	15.97 0.93 0.00	19.08 1.10 -0.06	27.46 1.11 -7.13	29.10 0.89 -13.12	30.54 0.72 -17.22	30.48 0.58 -19.88	23.88 1.11 -3.34	40.35 -0.13 -43.07	19.30 0.62 -8.25
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.37 0.41 -9.91	15.89 0.21 -12.04	13.46 0.42 -5.29	11.57 0.21 -7.25	16.68 0.13 -13.82	12.31 0.06 -11.01	9.52 0.11 -7.11	10.61 0.36 -3.54	6.90 0.35 0.00	8.65 0.43 0.00	4.69 0.24 0.00	3.87 0.21 0.00	11.39 0.66 -0.17	12.55 0.65 -1.38	14.57 0.84 0.00	15.97 0.93 0.00	19.08 1.10 -0.06	27.46 1.11 -7.13	29.10 0.89 -13.12	30.54 0.72 -17.22	30.48 0.58 -19.88	23.88 1.11 -3.34	40.35 -0.13 -43.07	19.30 0.62 -8.25
WHITEHAL_115KV_TB1 80871	21.69 0.43 -14.22	21.14 0.20 -17.30	15.68 0.42 -7.50	14.76 0.22 -10.42	22.76 0.17 -19.87	17.15 0.08 -15.83	12.67 0.15 -10.22	12.23 0.43 -5.08	6.90 0.35 0.00	8.50 0.28 0.00	4.60 0.16 0.00	3.82 0.16 0.00	11.23 0.43 -0.24	12.94 0.43 -1.99	14.43 0.70 0.00	15.90 0.86 0.00	19.33 1.33 -0.09	31.09 1.63 -10.25	35.18 1.22 -18.87	38.44 1.08 -24.76	39.42 0.83 -28.57	25.79 1.56 -4.80	59.15 -0.19 -61.93	22.90 0.60 -11.87
WHITEPLN_13_KV_LOAD 356215	17.90 0.50 -10.36	16.47 0.25 -12.59	13.76 0.50 -5.51	11.95 0.26 -7.58	17.34 0.16 -14.46	12.83 0.08 -11.52	9.87 0.14 -7.43	10.84 0.43 -3.70	6.97 0.42 0.00	8.74 0.52 0.00	4.74 0.29 0.00	3.91 0.24 0.00	11.49 0.75 -0.18	12.71 0.75 -1.45	14.70 0.97 0.00	16.10 1.07 0.00	19.23 1.25 -0.07	27.93 1.26 -7.46	29.80 0.99 -13.73	31.42 0.80 -18.01	31.46 0.65 -20.79	24.19 1.26 -3.49	42.31 -0.14 -45.04	19.71 0.69 -8.58
WM_FLOYD_69_KV_BK2 356380	18.02 0.59 -10.39	16.59 0.32 -12.63	13.95 0.67 -5.52	12.07 0.35 -7.60	17.45 0.22 -14.50	12.90 0.11 -11.55	9.95 0.19 -7.46	11.03 0.61 -3.71	7.08 0.53 0.00	8.78 0.56 0.00	4.77 0.32 0.00	3.94 0.28 0.00	11.58 0.85 -0.18	12.80 0.83 -1.45	14.85 1.12 0.00	16.20 1.16 0.00	43.32 1.53 -23.87	41.27 1.64 -20.42	37.13 1.37 -20.67	34.04 1.12 -20.33	43.50 0.94 -32.54	38.95 1.81 -17.70	84.67 -0.22 -87.48	38.01 1.01 -26.58
WOODARD__115KV_TB2 355635	7.94 -0.16 -1.05	4.84 -0.08 -1.29	8.11 -0.19 -0.54	4.79 -0.10 -0.78	4.14 -0.07 -1.48	2.39 -0.03 -1.18	3.00 -0.06 -0.76	6.94 -0.16 -0.38	6.40 -0.14 0.00	8.06 -0.16 0.00	4.36 -0.09 0.00	3.59 -0.07 0.00	10.37 -0.21 -0.02	10.46 -0.20 -0.15	13.46 -0.27 0.00	14.77 -0.27 0.00	17.60 -0.32 -0.01	19.68 -0.30 -0.76	16.26 -0.24 -1.41	14.26 -0.18 -1.84	12.01 -0.14 -2.13	19.45 -0.34 -0.36	2.06 0.04 -4.61	11.09 -0.22 -0.88
YORK___WARBASSE 23770	17.95 0.51 -10.39	16.52 0.25 -12.63	13.80 0.51 -5.52	11.97 0.26 -7.60	17.38 0.16 -14.50	12.86 0.08 -11.55	9.89 0.14 -7.45	10.86 0.43 -3.71	6.98 0.43 0.00	8.77 0.55 0.00	4.76 0.31 0.00	3.93 0.27 0.00	11.56 0.82 -0.18	12.79 0.82 -1.45	14.80 1.07 0.00	16.23 1.20 0.00	19.31 1.33 -0.07	28.00 1.30 -7.48	29.87 1.02 -13.76	31.47 0.81 -18.06	31.53 0.67 -20.85	24.25 1.32 -3.50	42.45 -0.13 -45.17	19.80 0.75 -8.62