

ALBANY___4 23574	15.87 0.19 -1.25	18.24 0.15 -7.95	16.36 0.15 -6.26	10.18 0.18 -1.64	8.23 0.14 -1.49	5.97 0.11 -0.82	6.77 0.13 -1.90	6.63 0.14 -0.91	4.45 0.10 0.00	6.11 0.14 0.00	6.00 0.14 0.00	5.37 0.12 0.00	3.18 0.07 0.00	4.63 0.07 -1.06	6.79 0.13 -0.19	6.18 0.07 -2.60	12.97 0.10 -7.55	18.14 0.14 -9.19	18.93 0.18 -6.99	20.62 0.27 -1.36	31.16 0.14 -20.08	21.09 0.20 -5.53	14.57 0.20 -3.63	13.51 0.15 -4.96
ALBANY___LFGE 323615	16.00 0.32 -1.26	18.40 0.23 -8.02	16.49 0.23 -6.32	10.25 0.24 -1.65	8.28 0.18 -1.50	6.01 0.14 -0.82	6.82 0.16 -1.91	6.68 0.19 -0.92	4.48 0.13 0.00	6.15 0.19 0.00	6.04 0.19 0.00	5.41 0.16 0.00	3.20 0.09 0.00	4.67 0.10 -1.07	6.83 0.17 -0.19	6.23 0.09 -2.62	13.08 0.14 -7.62	18.30 0.22 -9.27	19.10 0.28 -7.05	20.81 0.45 -1.37	31.44 0.25 -20.26	21.28 0.34 -5.58	14.69 0.28 -3.66	13.62 0.22 -5.00
ALCOA_PA_115KV_PL-6C 55860	14.09 -0.34 0.00	9.93 -0.22 0.00	9.82 -0.13 0.00	8.26 -0.10 0.00	6.52 -0.08 0.00	4.97 -0.07 0.00	4.68 -0.07 0.00	5.48 -0.09 0.00	4.26 -0.08 0.00	5.86 -0.10 0.00	5.75 -0.11 0.00	5.15 -0.09 0.00	3.04 -0.07 0.00	3.43 -0.08 0.00	6.33 -0.14 0.00	3.43 -0.08 0.00	5.19 -0.13 0.00	8.59 -0.21 0.00	11.50 -0.26 0.00	18.63 -0.37 0.00	10.70 -0.23 0.00	15.03 -0.33 0.00	10.53 -0.21 0.00	8.25 -0.16 0.00
ALCOA_RYNLDS___DRP 24188	14.09 -0.34 0.00	9.93 -0.22 0.00	9.82 -0.13 0.00	8.26 -0.10 0.00	6.52 -0.08 0.00	4.97 -0.07 0.00	4.68 -0.07 0.00	5.48 -0.09 0.00	4.26 -0.08 0.00	5.86 -0.10 0.00	5.75 -0.11 0.00	5.15 -0.09 0.00	3.04 -0.07 0.00	3.43 -0.08 0.00	6.33 -0.14 0.00	3.43 -0.08 0.00	5.19 -0.13 0.00	8.59 -0.21 0.00	11.50 -0.26 0.00	18.63 -0.37 0.00	10.70 -0.23 0.00	15.03 -0.33 0.00	10.53 -0.21 0.00	8.25 -0.16 0.00
ALCOA___DSASP 323711	14.09 -0.34 0.00	9.93 -0.22 0.00	9.82 -0.13 0.00	8.26 -0.10 0.00	6.52 -0.08 0.00	4.97 -0.07 0.00	4.68 -0.07 0.00	5.48 -0.09 0.00	4.26 -0.08 0.00	5.86 -0.10 0.00	5.75 -0.11 0.00	5.15 -0.09 0.00	3.04 -0.07 0.00	3.43 -0.08 0.00	6.33 -0.14 0.00	3.43 -0.08 0.00	5.19 -0.13 0.00	8.59 -0.21 0.00	11.50 -0.26 0.00	18.63 -0.37 0.00	10.70 -0.23 0.00	15.03 -0.33 0.00	10.53 -0.21 0.00	8.25 -0.16 0.00
ALLEGHENY___COGEN 23514	14.78 0.17 -0.19	11.34 0.02 -1.18	10.88 0.00 -0.93	8.55 -0.06 -0.24	6.82 0.00 -0.22	5.20 0.03 -0.12	5.05 0.02 -0.28	5.75 0.04 -0.14	4.33 -0.01 0.00	5.96 0.00 0.00	5.84 -0.01 0.00	5.20 -0.05 0.00	3.10 -0.01 0.00	3.63 -0.04 -0.16	6.45 -0.05 -0.03	3.86 -0.04 -0.38	6.40 -0.03 -1.12	10.16 -0.01 -1.36	12.86 0.06 -1.04	19.41 0.21 -0.20	14.19 0.29 -2.98	16.60 0.42 -0.82	11.52 0.24 -0.54	9.58 0.14 -1.04
ALTAMONT_115KV_TB 2 55880	16.26 0.55 -1.28	18.72 0.39 -8.18	16.78 0.38 -6.45	10.36 0.32 -1.68	8.39 0.26 -1.53	6.08 0.20 -0.84	6.91 0.19 -1.97	6.75 0.22 -0.95	4.50 0.16 0.00	6.17 0.21 0.00	6.05 0.20 0.00	5.42 0.17 0.00	3.21 0.10 0.00	4.71 0.11 -1.09	6.88 0.21 -0.19	6.30 0.11 -2.67	13.27 0.18 -7.78	18.58 0.32 -9.46	19.43 0.48 -7.19	21.20 0.81 -1.40	32.09 0.48 -20.67	21.72 0.66 -5.69	14.92 0.44 -3.74	13.83 0.33 -5.10
ALTONA_WT_PWR 323606	14.63 0.20 0.00	10.31 0.16 0.00	10.14 0.19 0.00	8.52 0.16 0.00	6.76 0.16 0.00	5.16 0.11 0.00	4.86 0.11 0.00	5.66 0.09 0.00	4.38 0.03 0.00	6.02 0.06 0.00	5.87 0.02 0.00	5.20 -0.04 0.00	3.06 -0.05 0.00	3.43 -0.07 0.00	6.30 -0.18 0.00	3.39 -0.13 0.00	5.11 -0.21 0.00	8.47 -0.33 0.00	11.53 -0.23 0.00	18.95 -0.05 0.00	10.85 -0.08 0.00	15.09 -0.27 0.00	10.59 -0.15 0.00	8.20 -0.21 0.00
AMERICAN_REF_FUEL 24010	13.67 -0.93 -0.17	10.48 -0.73 -1.07	10.03 -0.75 -0.84	7.99 -0.59 -0.22	6.32 -0.48 -0.20	4.83 -0.32 -0.11	4.66 -0.34 -0.26	5.30 -0.39 -0.12	4.11 -0.24 0.00	5.63 -0.33 0.00	5.56 -0.30 0.00	4.99 -0.26 0.00	3.00 -0.11 0.00	3.50 -0.15 -0.14	6.22 -0.27 -0.03	3.70 -0.16 -0.35	6.09 -0.23 -1.01	9.56 -0.48 -1.23	11.96 -0.74 -0.94	17.75 -1.43 -0.18	12.84 -0.79 -2.69	14.97 -1.14 -0.74	10.44 -0.79 -0.49	7.86 -0.62 -0.08
ARKWRIGHT___SUMMIT_WT_PWR 323751	14.27 -0.34 -0.18	10.97 -0.33 -1.15	10.53 -0.33 -0.91	8.31 -0.29 -0.24	6.53 -0.29 -0.22	5.01 -0.16 -0.12	4.85 -0.18 -0.28	5.50 -0.20 -0.13	4.27 -0.07 0.00	5.95 -0.01 0.00	5.88 0.03 0.00	5.25 0.01 0.00	3.12 0.01 0.00	3.63 -0.03 -0.15	6.46 -0.04 -0.38	3.86 -0.03 -1.10	6.39 -0.02 -1.33	10.07 -0.07 -1.33	12.69 -0.09 -1.01	18.94 -0.26 -0.20	13.74 -0.11 -2.92	15.98 -0.19 -0.80	11.12 -0.14 -0.53	8.56 -0.14 -0.30
ARTHUR_KILL_GT_1 23520	31.39 1.17 -15.79	18.57 0.82 -7.60	16.27 0.80 -5.51	10.39 0.67 -1.36	8.37 0.53 -1.24	6.14 0.42 -0.68	6.72 0.42 -1.56	6.82 0.50 -0.75	4.75 0.41 0.00	6.50 0.54 0.00	6.38 0.53 0.00	5.73 0.48 0.00	3.39 0.28 0.00	4.70 0.32 -0.88	7.22 0.59 -0.16	6.00 0.33 -2.16	12.11 0.51 -6.29	17.26 0.82 -7.65	18.62 1.04 -5.81	21.73 1.60 -1.13	28.54 0.90 -16.71	21.32 1.36 -4.60	14.64 0.88 -3.02	13.26 0.73 -4.12
ARTHUR_KILL_2 23512	31.35 1.13 -15.79	18.54 0.79 -7.60	16.24 0.78 -5.51	10.37 0.65 -1.36	8.35 0.51 -1.24	6.13 0.41 -0.68	6.71 0.41 -1.56	6.81 0.49 -0.75	4.74 0.40 0.00	6.49 0.52 0.00	6.37 0.52 0.00	5.72 0.47 0.00	3.39 0.28 0.00	4.69 0.31 -0.88	7.20 0.57 -0.16	6.00 0.32 -2.16	12.10 0.50 -6.29	17.24 0.79 -7.65	18.59 1.01 -5.81	21.68 1.55 -1.13	28.51 0.87 -16.71	21.28 1.32 -4.60	14.62 0.86 -3.02	13.23 0.71 -4.12
ARTHUR_KILL_3 23513	34.74 1.07 -19.24	18.46 0.75 -7.57	16.20 0.75 -5.51	10.31 0.59 -1.36	8.29 0.46 -1.24	6.09 0.37 -0.68	6.68 0.37 -1.56	6.77 0.45 -0.75	4.72 0.37 0.00	6.48 0.51 0.00	6.38 0.53 0.00	5.74 0.49 0.00	3.40 0.29 0.00	4.71 0.32 -0.88	7.23 0.60 -0.16	6.01 0.33 -2.16	12.12 0.52 -6.29	17.27 0.82 -7.65	18.60 1.03 -5.81	21.72 1.59 -1.13	28.55 0.91 -16.71	21.25 1.29 -4.60	14.60 0.84 -3.02	13.21 0.68 -4.12
ARTHUR_KILL_COGEN 323718	31.39 1.17 -15.79	18.57 0.82 -7.60	16.27 0.80 -5.51	10.39 0.67 -1.36	8.37 0.53 -1.24	6.14 0.42 -0.68	6.72 0.42 -1.56	6.82 0.50 -0.75	4.75 0.41 0.00	6.50 0.54 0.00	6.38 0.53 0.00	5.73 0.48 0.00	3.39 0.28 0.00	4.70 0.32 -0.88	7.22 0.59 -0.16	6.00 0.33 -2.16	12.11 0.51 -6.29	17.26 0.82 -7.65	18.62 1.04 -5.81	21.73 1.60 -1.13	28.54 0.90 -16.71	21.32 1.36 -4.60	14.64 0.88 -3.02	13.26 0.73 -4.12
ASHOKAN____ 23654	16.27 0.72 -1.12	17.73 0.45 -7.14	15.98 0.41 -5.62	10.24 0.41 -1.47	8.24 0.30 -1.33	6.04 0.26 -0.73	6.72 0.28 -1.70	6.71 0.32 -0.82	4.59 0.25 0.00	6.28 0.31 0.00	6.16 0.31 0.00	5.51 0.27 0.00	3.26 0.16 0.00	4.62 0.16 -0.95	6.96 0.32 -0.17	6.00 0.16 -2.33	12.34 0.24 -6.78	17.46 0.41 -8.25	18.59 0.56 -6.27	21.26 1.05 -1.22	29.53 0.57 -18.03	21.18 0.85 -4.96	14.58 0.58 -3.26	13.27 0.42 -4.45

ASTORIA_GT_10 24110	31.40 1.19 -15.79	18.56 0.82 -7.60	16.28 0.81 -5.51	10.38 0.66 -1.36	8.35 0.51 -1.24	6.13 0.41 -0.68	6.71 0.41 -1.56	6.82 0.49 -0.75	4.75 0.40 0.00	6.52 0.55 0.00	6.42 0.57 0.00	5.77 0.52 0.00	3.42 0.31 0.00	4.73 0.34 -0.88	7.26 0.63 -0.16	6.03 0.35 -2.16	12.15 0.55 -6.29	17.32 0.86 -7.65	18.67 1.10 -5.81	21.82 1.69 -1.13	28.61 0.97 -16.71	21.35 1.38 -4.60	14.67 0.91 -3.02	13.26 0.73 -4.12
ASTORIA_GT_11 24225	31.40 1.19 -15.79	18.56 0.82 -7.60	16.28 0.81 -5.51	10.38 0.66 -1.36	8.35 0.51 -1.24	6.13 0.41 -0.68	6.71 0.41 -1.56	6.82 0.49 -0.75	4.75 0.40 0.00	6.52 0.55 0.00	6.42 0.57 0.00	5.77 0.52 0.00	3.42 0.31 0.00	4.73 0.34 -0.88	7.26 0.63 -0.16	6.03 0.35 -2.16	12.15 0.55 -6.29	17.32 0.86 -7.65	18.67 1.10 -5.81	21.82 1.69 -1.13	28.61 0.97 -16.71	21.35 1.38 -4.60	14.67 0.91 -3.02	13.26 0.73 -4.12
ASTORIA_GT_12 24226	31.40 1.19 -15.79	18.56 0.82 -7.60	16.28 0.81 -5.51	10.38 0.66 -1.36	8.35 0.51 -1.24	6.13 0.41 -0.68	6.71 0.41 -1.56	6.82 0.49 -0.75	4.75 0.40 0.00	6.52 0.55 0.00	6.42 0.57 0.00	5.77 0.52 0.00	3.42 0.31 0.00	4.73 0.34 -0.88	7.26 0.63 -0.16	6.03 0.35 -2.16	12.15 0.55 -6.29	17.32 0.86 -7.65	18.67 1.10 -5.81	21.82 1.69 -1.13	28.61 0.97 -16.71	21.35 1.38 -4.60	14.67 0.91 -3.02	13.26 0.73 -4.12
ASTORIA_GT_13 24227	31.40 1.19 -15.79	18.56 0.82 -7.60	16.28 0.81 -5.51	10.38 0.66 -1.36	8.35 0.51 -1.24	6.13 0.41 -0.68	6.71 0.41 -1.56	6.82 0.49 -0.75	4.75 0.40 0.00	6.52 0.55 0.00	6.42 0.57 0.00	5.77 0.52 0.00	3.42 0.31 0.00	4.73 0.34 -0.88	7.26 0.63 -0.16	6.03 0.35 -2.16	12.15 0.55 -6.29	17.32 0.86 -7.65	18.67 1.10 -5.81	21.82 1.69 -1.13	28.61 0.97 -16.71	21.35 1.38 -4.60	14.67 0.91 -3.02	13.26 0.73 -4.12
ASTORIA_GT_5 24106	31.45 1.23 -15.79	18.56 0.82 -7.60	16.30 0.83 -5.51	10.38 0.66 -1.36	8.36 0.52 -1.24	6.13 0.41 -0.68	6.72 0.42 -1.56	6.82 0.50 -0.75	4.75 0.41 0.00	6.52 0.56 0.00	6.43 0.58 0.00	5.77 0.52 0.00	3.42 0.31 0.00	4.73 0.34 -0.88	7.26 0.63 -0.16	6.03 0.35 -2.16	12.15 0.54 -6.29	17.29 0.85 -7.64	18.64 1.07 -5.81	21.78 1.65 -1.13	28.59 0.95 -16.71	21.32 1.36 -4.60	14.67 0.91 -3.02	13.27 0.75 -4.12
ASTORIA_GT_7 24107	31.45 1.23 -15.79	18.56 0.82 -7.60	16.30 0.83 -5.51	10.38 0.66 -1.36	8.36 0.52 -1.24	6.13 0.41 -0.68	6.72 0.42 -1.56	6.82 0.50 -0.75	4.75 0.41 0.00	6.52 0.56 0.00	6.43 0.58 0.00	5.77 0.52 0.00	3.42 0.31 0.00	4.73 0.34 -0.88	7.26 0.63 -0.16	6.03 0.35 -2.16	12.15 0.54 -6.29	17.29 0.85 -7.64	18.64 1.07 -5.81	21.78 1.65 -1.13	28.59 0.95 -16.71	21.32 1.36 -4.60	14.67 0.91 -3.02	13.27 0.75 -4.12
ASTORIA_GT_8 24108	31.45 1.23 -15.79	18.56 0.82 -7.60	16.30 0.83 -5.51	10.38 0.66 -1.36	8.36 0.52 -1.24	6.13 0.41 -0.68	6.72 0.42 -1.56	6.82 0.50 -0.75	4.75 0.41 0.00	6.52 0.56 0.00	6.43 0.58 0.00	5.77 0.52 0.00	3.42 0.31 0.00	4.73 0.34 -0.88	7.26 0.63 -0.16	6.03 0.35 -2.16	12.15 0.54 -6.29	17.29 0.85 -7.64	18.64 1.07 -5.81	21.78 1.65 -1.13	28.59 0.95 -16.71	21.32 1.36 -4.60	14.67 0.91 -3.02	13.27 0.75 -4.12
ASTORIA___2 24149	31.42 1.20 -15.79	18.55 0.80 -7.60	16.28 0.82 -5.51	10.37 0.65 -1.36	8.35 0.51 -1.24	6.12 0.40 -0.68	6.71 0.41 -1.56	6.81 0.49 -0.75	4.74 0.40 0.00	6.51 0.55 0.00	6.42 0.56 0.00	5.76 0.52 0.00	3.41 0.31 0.00	4.72 0.34 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.13 0.53 -6.29	17.28 0.83 -7.64	18.62 1.04 -5.81	21.74 1.62 -1.13	28.57 0.93 -16.71	21.30 1.33 -4.60	14.65 0.89 -3.02	13.26 0.73 -4.12
ASTORIA___3 23516	31.40 1.19 -15.79	18.56 0.82 -7.60	16.28 0.81 -5.51	10.38 0.66 -1.36	8.35 0.51 -1.24	6.13 0.41 -0.68	6.71 0.41 -1.56	6.82 0.49 -0.75	4.75 0.40 0.00	6.52 0.55 0.00	6.42 0.57 0.00	5.77 0.52 0.00	3.42 0.31 0.00	4.73 0.34 -0.88	7.26 0.63 -0.16	6.03 0.35 -2.16	12.15 0.55 -6.29	17.32 0.86 -7.65	18.67 1.10 -5.81	21.82 1.69 -1.13	28.61 0.97 -16.71	21.35 1.38 -4.60	14.67 0.91 -3.02	13.26 0.73 -4.12
ASTORIA___4 23517	31.40 1.18 -15.79	18.56 0.82 -7.60	16.28 0.81 -5.51	10.38 0.66 -1.36	8.35 0.51 -1.24	6.13 0.41 -0.68	6.72 0.41 -1.56	6.82 0.49 -0.75	4.75 0.40 0.00	6.52 0.55 0.00	6.42 0.57 0.00	5.77 0.52 0.00	3.42 0.31 0.00	4.73 0.34 -0.88	7.26 0.63 -0.16	6.03 0.35 -2.16	12.15 0.55 -6.29	17.32 0.86 -7.65	18.67 1.10 -5.81	21.82 1.69 -1.13	28.61 0.97 -16.71	21.35 1.38 -4.60	14.66 0.91 -3.02	13.26 0.73 -4.12
ASTORIA___5 23518	31.40 1.19 -15.79	18.56 0.82 -7.60	16.28 0.81 -5.51	10.38 0.66 -1.36	8.35 0.51 -1.24	6.13 0.41 -0.68	6.71 0.41 -1.56	6.82 0.49 -0.75	4.75 0.40 0.00	6.52 0.55 0.00	6.42 0.57 0.00	5.77 0.52 0.00	3.42 0.31 0.00	4.73 0.34 -0.88	7.26 0.63 -0.16	6.03 0.35 -2.16	12.15 0.55 -6.29	17.32 0.86 -7.65	18.67 1.10 -5.81	21.82 1.69 -1.13	28.61 0.97 -16.71	21.35 1.38 -4.60	14.67 0.91 -3.02	13.26 0.73 -4.12
AST_ENERGY_2_CC3 323677	34.76 1.09 -19.25	18.50 0.79 -7.57	16.24 0.78 -5.51	10.35 0.63 -1.36	8.33 0.49 -1.24	6.11 0.39 -0.68	6.70 0.40 -1.56	6.80 0.48 -0.75	4.73 0.39 0.00	6.50 0.53 0.00	6.40 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.71 0.33 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.13 0.53 -6.29	17.29 0.84 -7.65	18.63 1.06 -5.81	21.75 1.62 -1.13	28.57 0.93 -16.71	21.29 1.32 -4.60	14.63 0.87 -3.02	13.24 0.71 -4.12
AST_ENERGY_2_CC4 323678	34.76 1.09 -19.25	18.50 0.79 -7.57	16.24 0.78 -5.51	10.35 0.63 -1.36	8.33 0.49 -1.24	6.11 0.39 -0.68	6.70 0.40 -1.56	6.80 0.48 -0.75	4.73 0.39 0.00	6.50 0.53 0.00	6.40 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.71 0.33 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.13 0.53 -6.29	17.29 0.84 -7.65	18.63 1.06 -5.81	21.75 1.62 -1.13	28.57 0.93 -16.71	21.29 1.32 -4.60	14.63 0.87 -3.02	13.24 0.71 -4.12
ATHENS_STG_1 23668	16.12 0.56 -1.14	17.80 0.41 -7.25	16.06 0.40 -5.72	10.19 0.34 -1.49	8.22 0.27 -1.36	5.99 0.20 -0.74	6.69 0.20 -1.75	6.65 0.23 -0.84	4.53 0.18 0.00	6.21 0.24 0.00	6.11 0.25 0.00	5.47 0.22 0.00	3.24 0.13 0.00	4.62 0.15 -0.96	6.93 0.28 -0.17	6.04 0.16 -2.37	12.45 0.24 -6.89	17.57 0.38 -8.39	18.64 0.50 -6.37	21.02 0.78 -1.24	29.71 0.45 -18.33	21.05 0.64 -5.05	14.49 0.43 -3.31	13.27 0.34 -4.52
ATHENS_STG_2 23670	16.12 0.56 -1.14	17.80 0.41 -7.25	16.06 0.40 -5.72	10.19 0.34 -1.49	8.22 0.27 -1.36	5.99 0.20 -0.74	6.69 0.20 -1.75	6.65 0.23 -0.84	4.53 0.18 0.00	6.21 0.24 0.00	6.11 0.25 0.00	5.47 0.22 0.00	3.24 0.13 0.00	4.62 0.15 -0.96	6.93 0.28 -0.17	6.04 0.16 -2.37	12.45 0.24 -6.89	17.57 0.38 -8.39	18.64 0.50 -6.37	21.02 0.78 -1.24	29.71 0.45 -18.33	21.05 0.64 -5.05	14.49 0.43 -3.31	13.27 0.34 -4.52

ATHENS_STG_3 23677	16.12 0.56 -1.14	17.80 0.41 -7.25	16.06 0.40 -5.72	10.19 0.34 -1.49	8.22 0.27 -1.36	5.99 0.20 -0.74	6.69 0.20 -1.75	6.65 0.23 -0.84	4.53 0.18 0.00	6.21 0.24 0.00	6.11 0.25 0.00	5.47 0.22 0.00	3.24 0.13 0.00	4.62 0.15 -0.96	6.93 0.28 -0.17	6.04 0.16 -2.37	12.45 0.24 -6.89	17.57 0.38 -8.39	18.64 0.50 -6.37	21.02 0.78 -1.24	29.71 0.45 -18.33	21.05 0.64 -5.05	14.49 0.43 -3.31	13.27 0.34 -4.52
AUBURN____LFGE 323710	14.67 0.10 -0.14	11.11 0.05 -0.92	10.69 0.03 -0.72	8.51 -0.04 -0.19	6.80 0.02 -0.17	5.13 -0.01 -0.09	4.98 0.01 -0.22	5.70 0.03 -0.11	4.36 0.01 0.00	6.01 0.05 0.00	5.87 0.02 0.00	5.28 0.03 0.00	3.13 0.02 0.00	3.63 0.00 -0.12	6.53 0.03 -0.02	3.84 0.02 -0.30	6.21 0.03 -0.87	9.95 0.09 -1.06	12.75 0.18 -0.80	19.39 0.24 -0.16	13.43 0.18 -2.31	16.22 0.22 -0.64	11.27 0.11 -0.42	10.20 0.08 -1.72
BABYLON_RES_REC 323704	28.13 1.49 -12.21	17.79 1.03 -6.61	16.10 0.94 -5.21	10.49 0.77 -1.36	9.82 0.67 -2.54	6.24 0.52 -0.68	6.81 0.51 -1.56	6.93 0.61 -0.75	23.50 0.49 -18.66	6.58 0.62 0.00	9.65 0.65 -3.15	7.10 0.60 -1.26	26.71 0.35 -23.25	29.36 0.39 -25.46	8.82 0.72 -1.63	15.90 0.40 -11.99	14.11 0.60 -8.20	17.45 1.00 -7.65	19.60 1.31 -6.52	26.50 2.02 -5.49	28.75 1.11 -16.71	21.58 1.61 -4.60	14.80 1.04 -3.02	13.35 0.82 -4.12
BABYLON__69_KV_BK2 356345	28.28 1.64 -12.21	17.89 1.13 -6.61	16.19 1.03 -5.21	10.58 0.86 -1.36	9.89 0.74 -2.54	6.29 0.57 -0.68	6.86 0.55 -1.56	6.98 0.66 -0.75	23.54 0.54 -18.66	6.64 0.67 0.00	9.71 0.71 -3.15	7.15 0.64 -1.26	26.74 0.38 -23.25	29.39 0.43 -25.46	8.88 0.78 -1.63	15.93 0.43 -11.99	14.17 0.65 -8.20	17.55 1.10 -7.65	19.73 1.45 -6.52	26.72 2.23 -5.49	28.88 1.23 -16.71	21.75 1.78 -4.60	14.92 1.15 -3.02	13.45 0.92 -4.12
BARON_WINDS____WT_PWR 323822	14.52 -0.14 -0.23	11.41 -0.20 -1.47	10.90 -0.21 -1.16	8.48 -0.18 -0.30	6.75 -0.12 -0.27	5.15 -0.04 -0.15	5.07 -0.03 -0.35	5.73 -0.02 -0.17	4.36 0.02 0.00	6.01 0.05 0.00	5.89 0.04 0.00	5.24 -0.01 0.00	3.12 0.01 0.00	3.68 -0.02 -0.19	6.51 0.00 -0.04	3.99 -0.01 -0.48	6.71 -0.01 -1.40	10.54 0.03 -1.70	13.14 0.08 -1.29	19.28 0.03 -0.25	14.70 0.05 -3.71	16.45 0.06 -1.02	11.41 0.01 -0.67	10.11 0.00 -1.70
BARRETT_IC_1 23704	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BARRETT_IC_10 23701	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BARRETT_IC_11 23702	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BARRETT_IC_12 23703	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BARRETT_IC_2 23705	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BARRETT_IC_3 23706	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BARRETT_IC_4 23707	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BARRETT_IC_5 23708	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BARRETT_IC_6 23709	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BARRETT_IC_7 23710	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12

BARRETT_IC_8 23711	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BARRETT_IC_9 23700	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BARRETT___1 23545	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BARRETT___2 23546	27.94 1.30 -12.21	17.67 0.91 -6.61	16.00 0.84 -5.21	10.42 0.70 -1.36	9.73 0.58 -2.54	6.20 0.48 -0.68	6.77 0.47 -1.56	6.87 0.55 -0.75	23.45 0.45 -18.66	6.52 0.55 0.00	9.62 0.62 -3.15	7.07 0.57 -1.26	26.68 0.33 -23.25	29.32 0.36 -25.46	8.76 0.66 -1.63	15.86 0.36 -11.99	14.05 0.53 -8.20	17.32 0.87 -7.65	19.40 1.11 -6.52	26.17 1.68 -5.49	28.56 0.91 -16.71	21.31 1.34 -4.60	14.61 0.85 -3.02	13.21 0.69 -4.12
BATAVIA___115KV_TB1 55881	14.22 -0.36 -0.16	10.79 -0.35 -0.99	10.36 -0.37 -0.78	8.28 -0.28 -0.20	6.56 -0.23 -0.19	5.01 -0.13 -0.10	4.82 -0.16 -0.24	5.51 -0.18 -0.11	4.25 -0.10 0.00	5.81 -0.15 0.00	5.71 -0.14 0.00	5.11 -0.13 0.00	3.06 -0.05 0.00	3.56 -0.08 -0.13	6.35 -0.14 -0.02	3.76 -0.08 -0.32	6.15 -0.11 -0.94	9.79 -0.16 -1.15	12.36 -0.28 -0.87	18.58 -0.58 -0.17	13.16 -0.28 -2.51	15.64 -0.42 -0.69	10.88 -0.31 -0.45	8.05 -0.28 0.07
BAYONEEC___CTG1 323682	34.78 1.11 -19.24	18.51 0.79 -7.57	16.24 0.79 -5.51	10.35 0.63 -1.36	8.33 0.49 -1.24	6.11 0.39 -0.68	6.70 0.40 -1.56	6.80 0.48 -0.75	4.73 0.39 0.00	6.50 0.54 0.00	6.40 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.72 0.33 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.14 0.54 -6.29	17.30 0.85 -7.65	18.65 1.07 -5.81	21.77 1.65 -1.13	28.58 0.94 -16.71	21.31 1.35 -4.60	14.64 0.88 -3.02	13.24 0.71 -4.12
BAYONEEC___CTG10 323750	34.78 1.11 -19.24	18.51 0.79 -7.57	16.24 0.79 -5.51	10.35 0.63 -1.36	8.33 0.49 -1.24	6.11 0.39 -0.68	6.70 0.40 -1.56	6.80 0.48 -0.75	4.73 0.39 0.00	6.50 0.54 0.00	6.40 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.72 0.33 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.14 0.54 -6.29	17.30 0.85 -7.65	18.65 1.07 -5.81	21.77 1.65 -1.13	28.58 0.94 -16.71	21.31 1.35 -4.60	14.64 0.88 -3.02	13.24 0.71 -4.12
BAYONEEC___CTG2 323683	34.78 1.11 -19.24	18.51 0.79 -7.57	16.24 0.79 -5.51	10.35 0.63 -1.36	8.33 0.49 -1.24	6.11 0.39 -0.68	6.70 0.40 -1.56	6.80 0.48 -0.75	4.73 0.39 0.00	6.50 0.54 0.00	6.40 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.72 0.33 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.14 0.54 -6.29	17.30 0.85 -7.65	18.65 1.07 -5.81	21.77 1.65 -1.13	28.58 0.94 -16.71	21.31 1.35 -4.60	14.64 0.88 -3.02	13.24 0.71 -4.12
BAYONEEC___CTG3 323684	34.78 1.11 -19.24	18.51 0.79 -7.57	16.24 0.79 -5.51	10.35 0.63 -1.36	8.33 0.49 -1.24	6.11 0.39 -0.68	6.70 0.40 -1.56	6.80 0.48 -0.75	4.73 0.39 0.00	6.50 0.54 0.00	6.40 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.72 0.33 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.14 0.54 -6.29	17.30 0.85 -7.65	18.65 1.07 -5.81	21.77 1.65 -1.13	28.58 0.94 -16.71	21.31 1.35 -4.60	14.64 0.88 -3.02	13.24 0.71 -4.12
BAYONEEC___CTG4 323685	34.78 1.11 -19.24	18.51 0.79 -7.57	16.24 0.79 -5.51	10.35 0.63 -1.36	8.33 0.49 -1.24	6.11 0.39 -0.68	6.70 0.40 -1.56	6.80 0.48 -0.75	4.73 0.39 0.00	6.50 0.54 0.00	6.40 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.72 0.33 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.14 0.54 -6.29	17.30 0.85 -7.65	18.65 1.07 -5.81	21.77 1.65 -1.13	28.58 0.94 -16.71	21.31 1.35 -4.60	14.64 0.88 -3.02	13.24 0.71 -4.12
BAYONEEC___CTG5 323686	34.78 1.11 -19.24	18.51 0.79 -7.57	16.24 0.79 -5.51	10.35 0.63 -1.36	8.33 0.49 -1.24	6.11 0.39 -0.68	6.70 0.40 -1.56	6.80 0.48 -0.75	4.73 0.39 0.00	6.50 0.54 0.00	6.40 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.72 0.33 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.14 0.54 -6.29	17.30 0.85 -7.65	18.65 1.07 -5.81	21.77 1.65 -1.13	28.58 0.94 -16.71	21.31 1.35 -4.60	14.64 0.88 -3.02	13.24 0.71 -4.12
BAYONEEC___CTG6 323687	34.78 1.11 -19.24	18.51 0.79 -7.57	16.24 0.79 -5.51	10.35 0.63 -1.36	8.33 0.49 -1.24	6.11 0.39 -0.68	6.70 0.40 -1.56	6.80 0.48 -0.75	4.73 0.39 0.00	6.50 0.54 0.00	6.40 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.72 0.33 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.14 0.54 -6.29	17.30 0.85 -7.65	18.65 1.07 -5.81	21.77 1.65 -1.13	28.58 0.94 -16.71	21.31 1.35 -4.60	14.64 0.88 -3.02	13.24 0.71 -4.12
BAYONEEC___CTG7 323688	34.78 1.11 -19.24	18.51 0.79 -7.57	16.24 0.79 -5.51	10.35 0.63 -1.36	8.33 0.49 -1.24	6.11 0.39 -0.68	6.70 0.40 -1.56	6.80 0.48 -0.75	4.73 0.39 0.00	6.50 0.54 0.00	6.40 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.72 0.33 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.14 0.54 -6.29	17.30 0.85 -7.65	18.65 1.07 -5.81	21.77 1.65 -1.13	28.58 0.94 -16.71	21.31 1.35 -4.60	14.64 0.88 -3.02	13.24 0.71 -4.12
BAYONEEC___CTG8 323689	34.78 1.11 -19.24	18.51 0.79 -7.57	16.24 0.79 -5.51	10.35 0.63 -1.36	8.33 0.49 -1.24	6.11 0.39 -0.68	6.70 0.40 -1.56	6.80 0.48 -0.75	4.73 0.39 0.00	6.50 0.54 0.00	6.40 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.72 0.33 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.14 0.54 -6.29	17.30 0.85 -7.65	18.65 1.07 -5.81	21.77 1.65 -1.13	28.58 0.94 -16.71	21.31 1.35 -4.60	14.64 0.88 -3.02	13.24 0.71 -4.12
BAYONEEC___CTG9 323749	34.78 1.11 -19.24	18.51 0.79 -7.57	16.24 0.79 -5.51	10.35 0.63 -1.36	8.33 0.49 -1.24	6.11 0.39 -0.68	6.70 0.40 -1.56	6.80 0.48 -0.75	4.73 0.39 0.00	6.50 0.54 0.00	6.40 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.72 0.33 -0.88	7.25 0.62 -0.16	6.02 0.35 -2.16	12.14 0.54 -6.29	17.30 0.85 -7.65	18.65 1.07 -5.81	21.77 1.65 -1.13	28.58 0.94 -16.71	21.31 1.35 -4.60	14.64 0.88 -3.02	13.24 0.71 -4.12

BEACON___LESR 323632	16.07 0.39 -1.25	18.35 0.26 -7.94	16.46 0.26 -6.26	10.27 0.27 -1.63	8.29 0.20 -1.48	6.02 0.17 -0.81	6.82 0.18 -1.89	6.69 0.20 -0.91	4.50 0.16 0.00	6.17 0.20 0.00	6.06 0.20 0.00	5.42 0.17 0.00	3.21 0.10 0.00	4.67 0.10 -1.06	6.86 0.20 -0.19	6.22 0.11 -2.59	13.03 0.17 -7.55	18.29 0.30 -9.18	19.13 0.38 -6.98	20.98 0.62 -1.36	31.34 0.34 -20.06	21.36 0.47 -5.53	14.75 0.38 -3.63	13.62 0.26 -4.95
BEAVER RIVER___HYD 24048	14.11 -0.37 -0.05	10.31 -0.13 -0.30	10.08 -0.11 -0.24	8.23 -0.20 -0.06	6.52 -0.14 -0.06	4.94 -0.13 -0.03	4.72 -0.10 -0.07	5.50 -0.10 -0.04	4.19 -0.16 0.00	5.75 -0.22 0.00	5.64 -0.21 0.00	5.06 -0.19 0.00	2.97 -0.13 0.00	3.38 -0.16 -0.04	6.17 -0.31 -0.01	3.43 -0.19 -0.10	5.30 -0.30 -0.28	8.67 -0.47 -0.34	11.52 -0.51 -0.26	18.64 -0.40 -0.05	11.59 -0.10 -0.75	15.37 -0.21 -0.21	10.71 -0.16 -0.14	8.46 -0.13 -0.19
BEEBEE_GT_13 23619	14.19 -0.37 -0.14	10.70 -0.33 -0.88	10.30 -0.34 -0.69	8.26 -0.28 -0.18	6.54 -0.22 -0.16	4.99 -0.15 -0.09	4.80 -0.16 -0.21	5.50 -0.18 -0.10	4.24 -0.10 0.00	5.82 -0.14 0.00	5.72 -0.13 0.00	5.13 -0.12 0.00	3.06 -0.05 0.00	3.55 -0.07 -0.12	6.37 -0.13 -0.02	3.73 -0.07 -0.29	6.05 -0.10 -0.83	9.63 -0.19 -1.02	12.29 -0.24 -0.77	18.65 -0.50 -0.15	12.90 -0.25 -2.22	15.59 -0.38 -0.61	10.85 -0.29 -0.40	7.86 -0.27 0.27
BENSHRST_27_KV_BENSHRST_1 355998	31.52 1.30 -15.79	18.62 0.88 -7.60	16.33 0.87 -5.51	10.43 0.71 -1.36	8.39 0.55 -1.24	6.16 0.43 -0.68	6.74 0.44 -1.56	6.85 0.53 -0.75	4.78 0.43 0.00	6.56 0.59 0.00	6.46 0.61 0.00	5.80 0.56 0.00	3.44 0.33 0.00	4.75 0.37 -0.88	7.31 0.68 -0.16	6.05 0.38 -2.16	12.19 0.58 -6.29	17.38 0.93 -7.65	18.77 1.19 -5.81	21.95 1.83 -1.13	28.68 1.04 -16.71	21.47 1.50 -4.60	14.75 0.99 -3.02	13.32 0.79 -4.12
BETHLEHEM___GRP 23843	15.87 0.19 -1.25	18.24 0.15 -7.95	16.36 0.15 -6.26	10.18 0.18 -1.64	8.23 0.14 -1.49	5.97 0.11 -0.82	6.77 0.13 -1.90	6.63 0.14 -0.91	4.45 0.10 0.00	6.11 0.14 0.00	6.00 0.14 0.00	5.37 0.12 0.00	3.18 0.07 0.00	4.63 0.07 -1.06	6.79 0.13 -0.19	6.18 0.07 -2.60	12.97 0.10 -7.55	18.14 0.14 -9.19	18.93 0.18 -6.99	20.62 0.27 -1.36	31.16 0.14 -20.08	21.09 0.20 -5.53	14.57 0.20 -3.63	13.51 0.15 -4.96
BETHLEHEM___GS1 323560	15.87 0.20 -1.25	18.24 0.14 -7.95	16.36 0.15 -6.26	10.18 0.18 -1.64	8.23 0.14 -1.49	5.97 0.11 -0.82	6.77 0.13 -1.90	6.63 0.14 -0.91	4.45 0.10 0.00	6.11 0.14 0.00	6.00 0.14 0.00	5.37 0.12 0.00	3.18 0.07 0.00	4.63 0.07 -1.06	6.78 0.12 -0.19	6.18 0.07 -2.60	12.97 0.10 -7.55	18.14 0.14 -9.19	18.93 0.18 -6.99	20.63 0.27 -1.36	31.16 0.14 -20.08	21.09 0.20 -5.53	14.56 0.20 -3.63	13.51 0.15 -4.96
BETHLEHEM___GS2 323561	15.87 0.20 -1.25	18.24 0.14 -7.95	16.36 0.15 -6.26	10.18 0.18 -1.64	8.23 0.14 -1.49	5.97 0.11 -0.82	6.77 0.13 -1.90	6.63 0.14 -0.91	4.45 0.10 0.00	6.11 0.14 0.00	6.00 0.14 0.00	5.37 0.12 0.00	3.18 0.07 0.00	4.63 0.07 -1.06	6.78 0.12 -0.19	6.18 0.07 -2.60	12.97 0.10 -7.55	18.14 0.14 -9.19	18.93 0.18 -6.99	20.63 0.27 -1.36	31.16 0.14 -20.08	21.09 0.20 -5.53	14.56 0.20 -3.63	13.51 0.15 -4.96
BETHLEHEM___GS3 323562	15.87 0.20 -1.25	18.24 0.14 -7.95	16.36 0.15 -6.26	10.18 0.18 -1.64	8.23 0.14 -1.49	5.97 0.11 -0.82	6.77 0.13 -1.90	6.63 0.14 -0.91	4.45 0.10 0.00	6.11 0.14 0.00	6.00 0.14 0.00	5.37 0.12 0.00	3.18 0.07 0.00	4.63 0.07 -1.06	6.78 0.12 -0.19	6.18 0.07 -2.60	12.97 0.10 -7.55	18.14 0.14 -9.19	18.93 0.18 -6.99	20.63 0.27 -1.36	31.16 0.14 -20.08	21.09 0.20 -5.53	14.56 0.20 -3.63	13.51 0.15 -4.96
BETHLEHEM___STEEL 23779	14.20 -0.41 -0.18	10.88 -0.40 -1.14	10.42 -0.42 -0.90	8.28 -0.31 -0.23	6.55 -0.26 -0.21	5.01 -0.15 -0.12	4.85 -0.17 -0.27	5.52 -0.19 -0.13	4.27 -0.08 0.00	5.87 -0.10 0.00	5.78 -0.07 0.00	5.18 -0.07 0.00	3.10 -0.01 0.00	3.62 -0.04 -0.15	6.43 -0.06 -0.03	3.83 -0.05 -0.37	6.33 -0.07 -1.08	9.96 -0.16 -1.32	12.51 -0.26 -1.00	18.59 -0.60 -0.19	13.49 -0.32 -2.88	15.69 -0.47 -0.79	10.93 -0.33 -0.52	8.28 -0.30 -0.17
BETHLHEM_115KV_TB1 79974	15.91 0.24 -1.25	18.27 0.18 -7.94	16.39 0.18 -6.26	10.20 0.20 -1.63	8.24 0.15 -1.49	5.98 0.12 -0.82	6.78 0.13 -1.90	6.64 0.15 -0.91	4.45 0.11 0.00	6.11 0.15 0.00	6.01 0.15 0.00	5.38 0.13 0.00	3.18 0.07 0.00	4.64 0.08 -1.06	6.80 0.14 -0.19	6.19 0.08 -2.60	12.98 0.11 -7.55	18.16 0.17 -9.18	18.96 0.22 -6.98	20.69 0.33 -1.36	31.19 0.18 -20.07	21.14 0.25 -5.53	14.59 0.23 -3.63	13.53 0.18 -4.95
BETHPAGE_CC_5 323564	28.07 1.43 -12.21	17.75 0.99 -6.61	16.07 0.91 -5.21	10.48 0.76 -1.36	9.79 0.64 -2.54	6.23 0.50 -0.68	6.80 0.50 -1.56	6.91 0.59 -0.75	23.49 0.49 -18.66	6.57 0.61 0.00	9.65 0.65 -3.15	7.10 0.59 -1.26	26.71 0.35 -23.25	29.36 0.39 -25.46	8.82 0.72 -1.63	15.90 0.40 -11.99	14.10 0.59 -8.20	17.42 0.97 -7.65	19.54 1.26 -6.52	26.40 1.92 -5.49	28.70 1.05 -16.71	21.49 1.53 -4.60	14.74 0.98 -3.02	13.33 0.80 -4.12
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	14.32 -0.29 -0.18	10.98 -0.33 -1.16	10.51 -0.35 -0.91	8.34 -0.25 -0.24	6.60 -0.21 -0.22	5.05 -0.11 -0.12	4.89 -0.13 -0.28	5.57 -0.14 -0.13	4.30 -0.04 0.00	5.92 -0.04 0.00	5.83 -0.02 0.00	5.22 -0.02 0.00	3.13 0.02 0.00	3.65 -0.01 -0.15	6.49 -0.01 -0.03	3.87 -0.03 -0.38	6.39 -0.03 -1.10	10.05 -0.09 -1.34	12.62 -0.16 -1.01	18.77 -0.42 -0.20	13.63 -0.22 -2.92	15.84 -0.32 -0.80	11.03 -0.23 -0.53	8.39 -0.23 -0.21
BINGHAMTON___COGEN 23790	14.90 0.14 -0.33	12.30 0.08 -2.08	11.67 0.08 -1.64	8.85 0.06 -0.43	7.04 0.05 -0.39	5.31 0.05 -0.21	5.31 0.06 -0.50	5.89 0.08 -0.24	4.42 0.07 0.00	6.06 0.09 0.00	5.94 0.08 0.00	5.31 0.07 0.00	3.16 0.05 0.00	3.83 0.05 -0.28	6.62 0.11 -0.05	4.24 0.05 -0.68	7.37 0.08 -1.97	11.36 0.15 -2.40	13.81 0.21 -1.83	19.64 0.28 -0.35	16.36 0.18 -5.25	17.05 0.24 -1.45	11.83 0.14 -0.95	10.14 0.12 -1.61
BIXINCNT_115KV_LOAD 355685	14.55 -0.07 -0.18	11.08 -0.24 -1.17	10.56 -0.31 -0.93	8.36 -0.24 -0.24	6.65 -0.17 -0.22	5.10 -0.06 -0.12	4.95 -0.08 -0.28	5.66 -0.05 -0.14	4.37 0.02 0.00	6.05 0.08 0.00	5.96 0.11 0.00	5.33 0.08 0.00	3.18 0.07 0.00	3.70 0.04 -0.16	6.57 0.07 -0.03	3.92 0.02 -0.38	6.48 0.05 -1.12	10.24 0.08 -1.36	12.92 0.12 -1.03	19.30 0.10 -0.20	14.01 0.11 -2.96	16.32 0.14 -0.82	11.35 0.07 -0.54	8.78 0.00 -0.37
BLACK RIVER___HYD 24047	14.14 -0.35 -0.06	10.45 -0.10 -0.41	10.17 -0.10 -0.32	8.21 -0.23 -0.08	6.53 -0.15 -0.08	4.94 -0.14 -0.04	4.74 -0.10 -0.10	5.52 -0.10 -0.05	4.17 -0.18 0.00	5.72 -0.25 0.00	5.61 -0.24 0.00	5.03 -0.21 0.00	2.96 -0.15 0.00	3.38 -0.18 -0.05	6.14 -0.34 -0.01	3.44 -0.21 -0.13	5.38 -0.32 -0.39	8.75 -0.53 -0.48	11.56 -0.57 -0.36	18.68 -0.39 -0.07	11.92 -0.05 -1.04	15.49 -0.16 -0.29	10.78 -0.14 -0.19	8.54 -0.12 -0.26

WESTOVER___LESR 323668	14.93 0.18 -0.32	12.31 0.10 -2.06	11.68 0.11 -1.63	8.87 0.08 -0.42	7.05 0.06 -0.39	5.32 0.07 -0.21	5.32 0.08 -0.50	5.91 0.10 -0.24	4.43 0.09 0.00	6.07 0.11 0.00	5.95 0.10 0.00	5.32 0.08 0.00	3.17 0.06 0.00	3.84 0.06 -0.27	6.64 0.12 -0.05	4.25 0.06 -0.67	7.37 0.09 -1.96	11.36 0.17 -2.39	13.82 0.24 -1.81	19.67 0.32 -0.35	16.34 0.20 -5.21	17.07 0.27 -1.44	11.84 0.16 -0.94	10.16 0.14 -1.61
WETHRSFD_WT_PWR 323626	14.20 -0.42 -0.20	10.97 -0.43 -1.26	10.49 -0.45 -0.99	8.27 -0.36 -0.26	6.57 -0.27 -0.23	5.02 -0.15 -0.13	4.90 -0.15 -0.30	5.56 -0.16 -0.15	4.27 -0.07 0.00	5.90 -0.07 0.00	5.80 -0.05 0.00	5.18 -0.07 0.00	3.09 -0.02 0.00	3.62 -0.05 -0.17	6.43 -0.07 -0.03	3.87 -0.05 -0.41	6.44 -0.07 -1.20	10.13 -0.12 -1.45	12.71 -0.16 -1.11	18.80 -0.41 -0.21	13.91 -0.20 -3.18	15.94 -0.30 -0.87	11.09 -0.23 -0.58	9.81 -0.21 -1.61
WHAVSTOR_138KV_BK127 55557	16.44 1.01 -1.01	17.28 0.72 -6.41	15.72 0.72 -5.05	10.26 0.58 -1.32	8.25 0.45 -1.20	6.06 0.36 -0.66	6.63 0.37 -1.51	6.74 0.44 -0.73	4.70 0.36 0.00	6.45 0.48 0.00	6.35 0.50 0.00	5.70 0.45 0.00	3.38 0.27 0.00	4.66 0.30 -0.85	7.19 0.56 -0.15	5.93 0.32 -2.09	11.89 0.49 -6.09	16.99 0.78 -7.41	18.39 1.00 -5.63	21.64 1.55 -1.10	28.02 0.89 -16.19	21.08 1.26 -4.46	14.48 0.82 -2.93	13.05 0.65 -4.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.44 1.01 -1.01	17.28 0.72 -6.41	15.72 0.72 -5.05	10.26 0.58 -1.32	8.25 0.45 -1.20	6.06 0.36 -0.66	6.63 0.37 -1.51	6.74 0.44 -0.73	4.70 0.36 0.00	6.45 0.48 0.00	6.35 0.50 0.00	5.70 0.45 0.00	3.38 0.27 0.00	4.66 0.30 -0.85	7.19 0.56 -0.15	5.93 0.32 -2.09	11.89 0.49 -6.09	16.99 0.78 -7.41	18.39 1.00 -5.63	21.64 1.55 -1.10	28.02 0.89 -16.19	21.08 1.26 -4.46	14.48 0.82 -2.93	13.05 0.65 -4.00
WHITEHAL_115KV_TB1 80871	16.45 0.73 -1.30	18.94 0.52 -8.27	16.94 0.47 -6.52	10.40 0.34 -1.70	8.46 0.31 -1.55	6.12 0.22 -0.85	6.96 0.23 -1.98	6.78 0.25 -0.96	4.47 0.12 0.00	6.10 0.14 0.00	6.00 0.15 0.00	5.37 0.13 0.00	3.18 0.07 0.00	4.68 0.07 -1.10	6.87 0.20 -0.20	6.33 0.12 -2.70	13.37 0.19 -7.86	18.84 0.47 -9.57	19.79 0.76 -7.27	21.60 1.19 -1.41	32.60 0.76 -20.90	22.01 0.89 -5.76	15.05 0.53 -3.78	13.94 0.38 -5.16
WHITEPLN_13_KV_LOAD 356215	16.60 1.14 -1.04	17.55 0.80 -6.60	15.95 0.80 -5.20	10.39 0.68 -1.36	8.35 0.51 -1.23	6.13 0.41 -0.68	6.72 0.42 -1.55	6.81 0.49 -0.75	4.75 0.41 0.00	6.50 0.54 0.00	6.41 0.55 0.00	5.75 0.50 0.00	3.41 0.30 0.00	4.71 0.33 -0.88	7.24 0.62 -0.16	6.02 0.35 -2.16	12.12 0.53 -6.28	17.29 0.85 -7.63	18.66 1.10 -5.80	21.82 1.70 -1.13	28.59 0.98 -16.68	21.35 1.39 -4.59	14.67 0.91 -3.02	13.24 0.72 -4.12
WM_FLOYD_69_KV_BK2 356380	28.28 1.64 -12.21	17.89 1.13 -6.61	16.14 0.98 -5.21	10.54 0.82 -1.36	9.89 0.74 -2.54	6.27 0.55 -0.68	6.84 0.53 -1.56	6.97 0.65 -0.75	23.54 0.53 -18.66	6.61 0.65 0.00	9.67 0.67 -3.15	7.11 0.61 -1.26	26.72 0.36 -23.25	29.38 0.41 -25.46	8.85 0.75 -1.63	15.92 0.42 -11.99	14.14 0.63 -8.20	17.55 1.10 -7.65	19.75 1.46 -6.52	26.77 2.28 -5.50	28.90 1.25 -16.72	21.77 1.81 -4.60	14.92 1.16 -3.02	13.44 0.91 -4.12
WOODARD__115KV_TB2 355635	14.25 -0.28 -0.11	10.60 -0.22 -0.68	10.26 -0.23 -0.54	8.31 -0.19 -0.14	6.57 -0.16 -0.13	5.01 -0.11 -0.07	4.81 -0.10 -0.16	5.54 -0.11 -0.08	4.26 -0.08 0.00	5.85 -0.12 0.00	5.74 -0.11 0.00	5.14 -0.10 0.00	3.05 -0.06 0.00	3.53 -0.07 -0.09	6.37 -0.13 -0.02	3.67 -0.07 -0.22	5.87 -0.09 -0.65	9.44 -0.15 -0.79	12.19 -0.18 -0.60	18.80 -0.31 -0.12	12.51 -0.15 -1.73	15.61 -0.23 -0.47	10.87 -0.18 -0.31	8.85 -0.15 -0.60
YORK___WARBASSE 23770	31.44 1.23 -15.79	18.57 0.83 -7.60	16.28 0.82 -5.51	10.39 0.67 -1.36	8.36 0.52 -1.24	6.14 0.41 -0.68	6.72 0.42 -1.56	6.83 0.50 -0.75	4.75 0.41 0.00	6.53 0.56 0.00	6.43 0.58 0.00	5.77 0.52 0.00	3.42 0.31 0.00	4.73 0.35 -0.88	7.27 0.65 -0.16	6.03 0.36 -2.16	12.16 0.56 -6.29	17.33 0.88 -7.65	18.70 1.12 -5.81	21.85 1.72 -1.13	28.62 0.97 -16.71	21.37 1.41 -4.60	14.68 0.92 -3.02	13.27 0.75 -4.12