

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/20/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	20.80	19.64	18.29	17.48	17.36	18.24	18.73	19.61	20.40	22.34	22.35	22.56	22.74	22.38	22.34	22.34	23.09	26.52	27.36	29.46	29.88	28.18	22.54	20.91
24138	0.39	0.33	0.29	0.28	0.26	0.28	0.28	0.33	0.56	0.56	0.54	0.53	0.54	0.36	0.36	0.36	0.30	0.33	0.40	0.38	0.38	0.40	0.33	0.29
	-14.69	-14.52	-13.45	-12.61	-12.74	-13.38	-14.05	-14.18	-11.65	-13.94	-14.11	-14.24	-14.46	-16.85	-16.88	-16.89	-18.21	-21.62	-21.87	-23.98	-24.42	-22.44	-17.36	-16.63
74TH STREET_GT_1	20.81	19.64	18.29	17.49	17.36	18.24	18.73	19.61	20.40	22.34	22.35	22.56	22.74	22.38	22.34	22.34	23.10	26.53	27.36	29.46	29.89	28.18	22.54	20.91
24260	0.39	0.33	0.29	0.28	0.26	0.28	0.29	0.33	0.56	0.56	0.54	0.53	0.54	0.36	0.36	0.36	0.31	0.33	0.39	0.38	0.38	0.40	0.33	0.29
	-14.69	-14.52	-13.45	-12.61	-12.74	-13.38	-14.05	-14.18	-11.65	-13.94	-14.11	-14.24	-14.46	-16.85	-16.88	-16.89	-18.21	-21.62	-21.87	-23.98	-24.42	-22.44	-17.36	-16.63
74TH STREET_GT_2	20.81	19.64	18.29	17.49	17.36	18.24	18.73	19.61	20.40	22.34	22.35	22.56	22.74	22.38	22.34	22.34	23.10	26.53	27.36	29.46	29.89	28.18	22.54	20.91
24261	0.39	0.33	0.29	0.28	0.26	0.28	0.29	0.33	0.56	0.56	0.54	0.53	0.54	0.36	0.36	0.36	0.31	0.33	0.39	0.38	0.38	0.40	0.33	0.29
	-14.69	-14.52	-13.45	-12.61	-12.74	-13.38	-14.05	-14.18	-11.65	-13.94	-14.11	-14.24	-14.46	-16.85	-16.88	-16.89	-18.21	-21.62	-21.87	-23.98	-24.42	-22.44	-17.36	-16.63
ADK HUDSON___FALLS	24.98	23.76	22.13	21.09	21.01	22.07	22.75	23.67	23.73	26.36	26.40	26.69	26.91	27.26	27.22	27.22	28.41	32.81	33.63	36.37	36.90	34.62	27.54	25.64
24011	0.31	0.24	0.23	0.23	0.21	0.23	0.22	0.27	0.50	0.52	0.48	0.51	0.50	0.33	0.33	0.32	0.31	0.32	0.33	0.34	0.33	0.34	0.30	0.21
	-18.95	-18.73	-17.34	-16.26	-16.43	-17.25	-18.14	-18.31	-15.05	-18.00	-18.23	-18.39	-18.68	-21.77	-21.80	-21.81	-23.52	-27.92	-28.20	-30.93	-31.49	-28.94	-22.39	-21.45
ADK RESOURCE___RCVRY	25.02	23.80	22.16	21.12	21.03	22.09	22.76	23.68	23.76	26.40	26.43	26.76	26.98	27.31	27.27	27.27	28.45	32.83	33.68	36.43	36.96	34.67	27.58	25.68
23798	0.34	0.26	0.25	0.24	0.23	0.24	0.23	0.28	0.53	0.57	0.52	0.56	0.56	0.36	0.35	0.34	0.33	0.34	0.36	0.37	0.36	0.37	0.32	0.23
	-18.96	-18.75	-17.36	-16.28	-16.45	-17.27	-18.13	-18.30	-15.04	-17.99	-18.22	-18.41	-18.69	-21.79	-21.82	-21.83	-23.54	-27.91	-28.22	-30.96	-31.52	-28.96	-22.41	-21.47
ADK S GLENS___FALLS	24.98	23.76	22.13	21.09	21.01	22.07	22.75	23.67	23.73	26.36	26.40	26.69	26.91	27.26	27.22	27.22	28.41	32.81	33.63	36.37	36.90	34.62	27.54	25.64
24028	0.31	0.24	0.23	0.23	0.21	0.23	0.22	0.27	0.50	0.52	0.48	0.51	0.50	0.33	0.33	0.32	0.31	0.32	0.33	0.34	0.33	0.34	0.30	0.21
	-18.95	-18.73	-17.34	-16.26	-16.43	-17.25	-18.14	-18.31	-15.05	-18.00	-18.23	-18.39	-18.68	-21.77	-21.80	-21.81	-23.52	-27.92	-28.20	-30.93	-31.49	-28.94	-22.39	-21.45
ADK_NYS___DAM	24.17	22.99	21.40	20.42	20.34	21.36	22.00	22.91	23.05	25.48	25.56	25.82	26.03	26.29	26.24	26.25	27.35	31.55	32.39	35.01	35.53	33.35	26.58	24.74
23527	0.27	0.23	0.21	0.22	0.21	0.22	0.22	0.26	0.44	0.39	0.40	0.40	0.39	0.26	0.25	0.25	0.23	0.22	0.24	0.23	0.23	0.24	0.25	0.17
	-18.18	-17.97	-16.64	-15.61	-15.76	-16.55	-17.38	-17.55	-14.42	-17.25	-17.46	-17.63	-17.90	-20.86	-20.89	-20.91	-22.54	-26.75	-27.06	-29.68	-30.21	-27.76	-21.48	-20.58
AIR_PRODUCTS___DRP	24.17	23.00	21.42	20.42	20.33	21.37	21.98	22.87	22.98	25.45	25.52	25.78	25.99	26.28	26.23	26.23	27.35	31.56	32.42	35.05	35.57	33.38	26.58	24.76
24190	0.24	0.20	0.19	0.19	0.18	0.19	0.18	0.21	0.36	0.34	0.33	0.34	0.34	0.23	0.22	0.21	0.20	0.20	0.22	0.22	0.21	0.22	0.21	0.16
	-18.21	-18.01	-16.67	-15.64	-15.79	-16.59	-17.40	-17.57	-14.43	-17.27	-17.49	-17.65	-17.92	-20.88	-20.91	-20.93	-22.56	-26.79	-27.11	-29.73	-30.27	-27.82	-21.52	-20.62
AKWESSNE_115KV_BK	2.53	2.52	3.02	4.46	4.24	4.47	4.29	4.97	7.98	7.63	7.51	7.58	7.53	5.03	4.97	4.97	4.47	4.47	4.97	4.97	4.97	5.20	4.73	3.89
355683	-0.18	-0.14	-0.14	-0.14	-0.12	-0.12	-0.11	-0.12	-0.21	-0.21	-0.19	-0.21	-0.20	-0.14	-0.13	-0.12	-0.11	-0.11	-0.13	-0.12	-0.12	-0.14	-0.12	-0.10
	3.02	2.13	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	24.17	23.00	21.42	20.42	20.33	21.37	21.98	22.87	22.98	25.45	25.52	25.78	25.99	26.28	26.23	26.23	27.35	31.56	32.42	35.05	35.57	33.38	26.58	24.76
23571	0.24	0.20	0.19	0.19	0.18	0.19	0.18	0.21	0.36	0.34	0.33	0.34	0.34	0.23	0.22	0.21	0.20	0.20	0.22	0.22	0.21	0.22	0.21	0.16
	-18.21	-18.01	-16.67	-15.64	-15.79	-16.59	-17.40	-17.57	-14.43	-17.27	-17.49	-17.65	-17.92	-20.88	-20.91	-20.93	-22.56	-26.79	-27.11	-29.73	-30.27	-27.82	-21.52	-20.62
ALBANY___2	24.17	23.00	21.42	20.42	20.33	21.37	21.98	22.87	22.98	25.45	25.52	25.78	25.99	26.28	26.23	26.23	27.35	31.56	32.42	35.05	35.57	33.38	26.58	24.76
23572	0.24	0.20	0.19	0.19	0.18	0.19	0.18	0.21	0.36	0.34	0.33	0.34	0.34	0.23	0.22	0.21	0.20	0.20	0.22	0.22	0.21	0.22	0.21	0.16
	-18.21	-18.01	-16.67	-15.64	-15.79	-16.59	-17.40	-17.57	-14.43	-17.27	-17.49	-17.65	-17.92	-20.88	-20.91	-20.93	-22.56	-26.79	-27.11	-29.73	-30.27	-27.82	-21.52	-20.62
ALBANY___3	24.17	23.00	21.42	20.42	20.33	21.37	21.98	22.87	22.98	25.45	25.52	25.78	25.99	26.28	26.23	26.23	27.35	31.56	32.42	35.05	35.57	33.38	26.58	24.76
23573	0.24	0.20	0.19	0.19	0.18	0.19	0.18	0.21	0.36	0.34	0.33	0.34	0.34	0.23	0.22	0.21	0.20	0.20	0.22	0.22	0.21	0.22	0.21	0.16
	-18.21	-18.01	-16.67	-15.64	-15.79	-16.59	-17.40	-17.57	-14.43	-17.27	-17.49	-17.65	-17.92	-20.88	-20.91	-20.93	-22.56	-26.79	-27.11	-29.73	-30.27	-27.82	-21.52	-20.62

ALBANY___4 23574	24.17 0.24 -18.21	23.00 0.20 -18.01	21.42 0.19 -16.67	20.42 0.19 -15.64	20.33 0.18 -15.79	21.37 0.19 -16.59	21.98 0.18 -17.40	22.87 0.21 -17.57	22.98 0.36 -14.43	25.45 0.34 -17.27	25.52 0.33 -17.49	25.78 0.34 -17.65	25.99 0.34 -17.92	26.28 0.23 -20.88	26.23 0.22 -20.91	26.23 0.21 -20.93	27.35 0.20 -22.56	31.56 0.20 -26.79	32.42 0.22 -27.11	35.05 0.22 -29.73	35.57 0.21 -30.27	33.38 0.22 -27.82	26.58 0.21 -21.52	24.76 0.16 -20.62
ALBANY___LFGE 323615	24.54 0.28 -18.54	23.35 0.23 -18.33	21.74 0.22 -16.97	20.73 0.22 -15.91	20.64 0.21 -16.08	21.69 0.22 -16.88	22.33 0.21 -17.72	23.23 0.24 -17.89	23.31 0.42 -14.70	25.83 0.40 -17.59	25.89 0.38 -17.81	26.17 0.40 -17.98	26.39 0.40 -18.25	26.70 0.26 -21.27	26.66 0.26 -21.30	26.66 0.25 -21.32	27.80 0.24 -22.98	32.09 0.23 -27.28	32.94 0.25 -27.59	35.62 0.26 -30.26	36.15 0.25 -30.81	33.92 0.26 -28.31	27.00 0.25 -21.90	25.16 0.18 -20.99
ALCOA_PA_115KV_PL-6C 55860	2.64 -0.16 2.92	2.60 -0.13 2.06	3.08 -0.12 1.35	4.48 -0.12 0.00	4.26 -0.10 0.00	4.49 -0.10 0.00	4.31 -0.09 0.00	5.00 -0.10 0.00	8.01 -0.18 0.00	7.66 -0.18 0.00	7.53 -0.17 0.00	7.60 -0.19 0.00	7.56 -0.18 0.00	5.04 -0.13 0.00	4.98 -0.12 0.00	4.98 -0.11 0.00	4.47 -0.11 0.00	4.48 -0.10 0.00	4.97 -0.12 0.00	4.98 -0.11 0.00	4.98 -0.11 0.00	5.22 -0.12 0.00	4.75 -0.10 0.00	3.91 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	2.64 -0.16 2.92	2.60 -0.13 2.06	3.08 -0.12 1.35	4.48 -0.12 0.00	4.26 -0.10 0.00	4.49 -0.10 0.00	4.31 -0.09 0.00	5.00 -0.10 0.00	8.01 -0.18 0.00	7.66 -0.18 0.00	7.53 -0.17 0.00	7.60 -0.19 0.00	7.56 -0.18 0.00	5.04 -0.13 0.00	4.98 -0.12 0.00	4.98 -0.11 0.00	4.47 -0.11 0.00	4.48 -0.10 0.00	4.97 -0.12 0.00	4.98 -0.11 0.00	4.98 -0.11 0.00	5.22 -0.12 0.00	4.75 -0.10 0.00	3.91 -0.08 0.00
ALCOA___DSASP 323711	2.64 -0.16 2.92	2.60 -0.13 2.06	3.08 -0.12 1.35	4.48 -0.12 0.00	4.26 -0.10 0.00	4.49 -0.10 0.00	4.31 -0.09 0.00	5.00 -0.10 0.00	8.01 -0.18 0.00	7.66 -0.18 0.00	7.53 -0.17 0.00	7.60 -0.19 0.00	7.56 -0.18 0.00	5.04 -0.13 0.00	4.98 -0.12 0.00	4.97 -0.12 0.00	4.47 -0.11 0.00	4.48 -0.10 0.00	4.97 -0.12 0.00	4.98 -0.12 0.00	4.98 -0.11 0.00	5.22 -0.12 0.00	4.75 -0.10 0.00	3.91 -0.08 0.00
ALLEGHENY___COGEN 23514	8.63 0.30 -2.61	7.57 0.20 -2.58	7.15 0.21 -2.39	7.05 0.21 -2.24	6.81 0.18 -2.26	7.20 0.23 -2.38	7.13 0.24 -2.50	7.91 0.29 -2.52	10.65 0.39 -2.07	10.75 0.42 -2.48	10.55 0.34 -2.51	10.69 0.37 -2.53	10.65 0.34 -2.57	8.38 0.22 -3.00	8.29 0.19 -3.00	8.25 0.15 -3.00	7.98 0.16 -3.24	8.60 0.17 -3.84	9.25 0.27 -3.89	9.65 0.29 -4.26	9.71 0.28 -4.34	9.66 0.33 -3.99	8.22 0.29 -3.09	7.17 0.23 -2.96
ALTAMONT_115KV_TB 2 55880	24.19 0.21 -18.26	23.02 0.17 -18.05	21.44 0.17 -16.72	20.44 0.17 -15.68	20.36 0.16 -15.84	21.39 0.17 -16.63	22.55 0.19 -17.96	23.45 0.23 -18.13	23.48 0.40 -14.89	26.04 0.38 -17.82	26.10 0.35 -18.04	26.37 0.37 -18.21	26.59 0.37 -18.49	26.96 0.24 -21.55	26.91 0.23 -21.58	26.92 0.23 -21.59	28.09 0.22 -23.28	32.45 0.23 -27.64	32.47 0.19 -27.18	35.10 0.19 -29.81	35.63 0.19 -30.35	33.43 0.20 -27.89	26.61 0.18 -21.58	24.80 0.14 -20.68
ALTONA_WT_PWR 323606	2.34 -0.40 2.98	2.36 -0.33 2.10	2.91 -0.26 1.38	4.36 -0.24 0.00	4.18 -0.18 0.00	4.42 -0.16 0.00	4.28 -0.11 0.00	5.00 -0.10 0.00	8.06 -0.13 0.00	7.79 -0.05 0.00	7.68 -0.02 0.00	7.73 -0.05 0.00	7.66 -0.08 0.00	5.09 -0.08 0.00	5.03 -0.07 0.00	4.99 -0.10 0.00	4.49 -0.10 0.00	4.50 -0.07 0.00	5.01 -0.09 0.00	5.02 -0.08 0.00	5.02 -0.08 0.00	5.22 -0.12 0.00	4.71 -0.14 0.00	3.85 -0.14 0.00
AMERICAN_REF_FUEL 24010	8.13 -0.17 -2.58	7.17 -0.17 -2.55	6.76 -0.15 -2.36	6.66 -0.15 -2.21	6.44 -0.16 -2.24	6.81 -0.13 -2.35	6.72 -0.14 -2.47	7.42 -0.17 -2.49	9.93 -0.30 -2.05	10.00 -0.29 -2.45	9.85 -0.32 -2.48	9.98 -0.30 -2.50	9.96 -0.32 -2.54	7.95 -0.18 -2.96	7.86 -0.20 -2.96	7.82 -0.24 -2.96	7.57 -0.21 -3.20	8.18 -0.20 -3.79	8.74 -0.20 -3.84	9.08 -0.22 -4.21	9.11 -0.26 -4.28	9.05 -0.23 -3.94	7.72 -0.17 -3.05	6.77 -0.14 -2.92
ARKWRIGHT___SUMMIT_WT_PWR 323751	8.47 -0.16 -2.91	7.51 -0.15 -2.88	7.09 -0.13 -2.66	7.00 -0.10 -2.50	6.81 -0.08 -2.52	7.21 -0.03 -2.65	7.16 -0.02 -2.78	7.91 0.01 -2.81	10.53 0.03 -2.31	10.65 0.05 -2.76	10.49 -0.01 -2.79	10.63 0.02 -2.82	10.57 -0.03 -2.86	8.48 -0.03 -3.34	8.36 -0.08 -3.34	8.29 -0.14 -3.34	8.06 -0.13 -3.60	8.73 -0.12 -4.28	9.31 -0.12 -4.33	9.71 -0.14 -4.75	9.75 -0.17 -4.83	9.65 -0.13 -4.44	8.20 -0.09 -3.44	7.19 -0.09 -3.29
ARTHUR_KILL_GT_1 23520	20.81 0.39 -14.69	19.64 0.33 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.18 0.22 -13.38	18.64 0.20 -14.04	19.51 0.24 -14.17	20.26 0.43 -11.64	22.20 0.42 -13.93	22.21 0.41 -14.11	22.43 0.40 -14.23	22.61 0.43 -14.45	22.29 0.28 -16.85	22.26 0.29 -16.87	22.26 0.28 -16.88	23.02 0.23 -18.20	26.46 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.33 -22.43	22.47 0.26 -17.36	20.89 0.27 -16.63
ARTHUR_KILL_2 23512	20.80 0.38 -14.69	19.63 0.31 -14.52	18.28 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.17 0.21 -13.38	18.63 0.19 -14.04	19.50 0.23 -14.17	20.24 0.41 -11.64	22.18 0.41 -13.93	22.20 0.39 -14.11	22.41 0.39 -14.23	22.60 0.41 -14.45	22.28 0.27 -16.85	22.25 0.28 -16.87	22.25 0.27 -16.88	23.01 0.22 -18.20	26.45 0.26 -21.61	27.27 0.32 -21.86	29.37 0.30 -23.98	29.81 0.31 -24.41	28.09 0.32 -22.43	22.46 0.25 -17.36	20.88 0.26 -16.63
ARTHUR_KILL_3 23513	20.78 0.37 -14.69	19.61 0.29 -14.52	18.26 0.26 -13.45	17.45 0.24 -12.61	17.33 0.23 -12.74	18.21 0.24 -13.38	18.70 0.25 -14.05	19.57 0.30 -14.18	20.35 0.51 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.47 -14.24	22.67 0.48 -14.46	22.33 0.32 -16.85	22.30 0.32 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.33 0.36 -21.87	29.42 0.34 -23.98	29.85 0.34 -24.42	28.14 0.36 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63
ARTHUR_KILL_COGEN 323718	20.81 0.39 -14.69	19.64 0.33 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.18 0.22 -13.38	18.64 0.20 -14.04	19.51 0.24 -14.17	20.26 0.43 -11.64	22.20 0.42 -13.93	22.21 0.41 -14.11	22.43 0.40 -14.23	22.61 0.43 -14.45	22.29 0.28 -16.85	22.26 0.29 -16.87	22.26 0.28 -16.88	23.02 0.23 -18.20	26.46 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.33 -22.43	22.47 0.26 -17.36	20.89 0.27 -16.63
ASHOKAN____ 23654	22.07 0.15 -16.20	20.92 0.12 -16.01	19.47 0.09 -14.83	18.59 0.09 -13.91	18.50 0.09 -14.05	19.45 0.11 -14.75	19.97 0.09 -15.49	20.83 0.10 -15.63	21.26 0.23 -12.85	23.40 0.19 -15.37	23.42 0.16 -15.56	23.68 0.19 -15.71	23.85 0.17 -15.95	23.86 0.11 -18.59	23.81 0.10 -18.61	23.83 0.11 -18.63	24.77 0.11 -20.08	28.51 0.10 -23.84	29.32 0.12 -24.11	31.67 0.13 -26.44	32.20 0.19 -26.92	30.28 0.20 -24.74	24.15 0.16 -19.14	22.45 0.12 -18.34

ASTORIA_EAST_ENERGY_CC1 323581	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.21 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.43 -14.11	22.44 0.42 -14.23	22.64 0.45 -14.45	22.31 0.29 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.46 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.33 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_EAST_ENERGY_CC2 323582	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.21 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.43 -14.11	22.44 0.42 -14.23	22.64 0.45 -14.45	22.31 0.29 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.46 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.33 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT2_1 24094	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT2_2 24095	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT2_3 24096	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT2_4 24097	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT3_1 24098	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT3_2 24099	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT3_3 24100	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT3_4 24101	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT4_1 24102	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT4_2 24103	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT4_3 24104	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT4_4 24105	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA_GT_1 23523	20.76 0.34 -14.69	19.60 0.28 -14.52	18.25 0.25 -13.45	17.43 0.23 -12.60	17.33 0.23 -12.74	18.18 0.22 -13.37	18.67 0.23 -14.04	19.54 0.27 -14.17	20.30 0.47 -11.64	22.24 0.46 -13.93	22.25 0.45 -14.11	22.46 0.44 -14.23	22.65 0.46 -14.45	22.32 0.30 -16.85	22.28 0.32 -16.87	22.28 0.31 -16.88	23.04 0.26 -18.20	26.47 0.28 -21.61	27.30 0.34 -21.86	29.40 0.33 -23.98	29.83 0.33 -24.41	28.12 0.34 -22.43	22.48 0.28 -17.35	20.87 0.26 -16.63

ASTORIA_GT_10 24110	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.24 -13.38	18.70 0.25 -14.05	19.57 0.29 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.31 0.35 -21.87	29.42 0.34 -23.98	29.85 0.35 -24.42	28.14 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
ASTORIA_GT_11 24225	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.24 -13.38	18.70 0.25 -14.05	19.57 0.29 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.31 0.35 -21.87	29.42 0.34 -23.98	29.85 0.35 -24.42	28.14 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
ASTORIA_GT_12 24226	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.24 -13.38	18.70 0.25 -14.05	19.57 0.29 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.31 0.35 -21.87	29.42 0.34 -23.98	29.85 0.35 -24.42	28.14 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
ASTORIA_GT_13 24227	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.24 -13.38	18.70 0.25 -14.05	19.57 0.29 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.31 0.35 -21.87	29.42 0.34 -23.98	29.85 0.35 -24.42	28.14 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
ASTORIA_GT_5 24106	20.76 0.34 -14.69	19.60 0.28 -14.52	18.25 0.25 -13.45	17.43 0.23 -12.60	17.33 0.23 -12.74	18.18 0.22 -13.37	18.67 0.23 -14.04	19.54 0.27 -14.17	20.30 0.47 -11.64	22.24 0.46 -13.93	22.25 0.45 -14.11	22.46 0.44 -14.23	22.65 0.46 -14.45	22.32 0.30 -16.85	22.28 0.32 -16.87	22.28 0.31 -16.88	23.04 0.26 -18.20	26.47 0.28 -21.61	27.30 0.34 -21.86	29.40 0.33 -23.98	29.83 0.33 -24.41	28.12 0.34 -22.43	22.48 0.28 -17.35	20.87 0.26 -16.63
ASTORIA_GT_7 24107	20.76 0.34 -14.69	19.60 0.28 -14.52	18.25 0.25 -13.45	17.43 0.23 -12.60	17.33 0.23 -12.74	18.18 0.22 -13.37	18.67 0.23 -14.04	19.54 0.27 -14.17	20.30 0.47 -11.64	22.24 0.46 -13.93	22.25 0.45 -14.11	22.46 0.44 -14.23	22.65 0.46 -14.45	22.32 0.30 -16.85	22.28 0.32 -16.87	22.28 0.31 -16.88	23.04 0.26 -18.20	26.47 0.28 -21.61	27.30 0.34 -21.86	29.40 0.33 -23.98	29.83 0.33 -24.41	28.12 0.34 -22.43	22.48 0.28 -17.35	20.87 0.26 -16.63
ASTORIA_GT_8 24108	20.76 0.34 -14.69	19.60 0.28 -14.52	18.25 0.25 -13.45	17.43 0.23 -12.60	17.33 0.23 -12.74	18.18 0.22 -13.37	18.67 0.23 -14.04	19.54 0.27 -14.17	20.30 0.47 -11.64	22.24 0.46 -13.93	22.25 0.45 -14.11	22.46 0.44 -14.23	22.65 0.46 -14.45	22.32 0.30 -16.85	22.28 0.32 -16.87	22.28 0.31 -16.88	23.04 0.26 -18.20	26.47 0.28 -21.61	27.30 0.34 -21.86	29.40 0.33 -23.98	29.83 0.33 -24.41	28.12 0.34 -22.43	22.48 0.28 -17.35	20.87 0.26 -16.63
ASTORIA___2 24149	20.75 0.34 -14.69	19.59 0.28 -14.52	18.24 0.24 -13.45	17.42 0.22 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.66 0.22 -14.04	19.53 0.26 -14.17	20.28 0.45 -11.64	22.22 0.45 -13.93	22.24 0.44 -14.11	22.45 0.43 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.27 0.30 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.82 0.32 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
ASTORIA___3 23516	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.24 -13.38	18.70 0.25 -14.05	19.57 0.29 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.31 0.35 -21.87	29.42 0.34 -23.98	29.85 0.35 -24.42	28.14 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
ASTORIA___4 23517	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.24 -13.38	18.69 0.25 -14.05	19.57 0.29 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.47 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.32 0.35 -21.87	29.42 0.34 -23.98	29.85 0.34 -24.42	28.14 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
ASTORIA___5 23518	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.24 -13.38	18.70 0.25 -14.05	19.57 0.29 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.31 0.35 -21.87	29.42 0.34 -23.98	29.85 0.35 -24.42	28.14 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
AST_ENERGY_2_CC3 323677	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.25 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.29 0.50 -13.94	22.30 0.49 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.31 0.33 -16.89	23.07 0.27 -18.21	26.49 0.29 -21.62	27.31 0.35 -21.87	29.42 0.34 -23.98	29.85 0.34 -24.42	28.14 0.36 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63
AST_ENERGY_2_CC4 323678	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.25 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.29 0.50 -13.94	22.30 0.49 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.31 0.33 -16.89	23.07 0.27 -18.21	26.49 0.29 -21.62	27.31 0.35 -21.87	29.42 0.34 -23.98	29.85 0.34 -24.42	28.14 0.36 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63
ATHENS_STG_1 23668	22.44 0.21 -16.52	21.29 0.17 -16.33	19.84 0.16 -15.12	18.94 0.17 -14.18	18.84 0.16 -14.33	19.80 0.16 -15.04	20.35 0.16 -15.79	21.22 0.18 -15.94	21.60 0.31 -13.10	23.81 0.30 -15.67	23.86 0.29 -15.87	24.09 0.30 -16.01	24.29 0.29 -16.26	24.31 0.20 -18.95	24.27 0.19 -18.98	24.27 0.19 -18.99	25.22 0.17 -20.47	29.06 0.17 -24.31	29.88 0.20 -24.59	32.26 0.19 -26.97	32.74 0.19 -27.45	30.78 0.20 -25.23	24.55 0.18 -19.52	22.83 0.14 -18.70
ATHENS_STG_2 23670	22.44 0.21 -16.52	21.29 0.17 -16.33	19.84 0.16 -15.12	18.94 0.17 -14.18	18.84 0.16 -14.33	19.80 0.16 -15.04	20.35 0.16 -15.79	21.22 0.18 -15.94	21.60 0.31 -13.10	23.81 0.30 -15.67	23.86 0.29 -15.87	24.09 0.30 -16.01	24.29 0.29 -16.26	24.31 0.20 -18.95	24.27 0.19 -18.98	24.27 0.19 -18.99	25.22 0.17 -20.47	29.06 0.17 -24.31	29.88 0.20 -24.59	32.26 0.19 -26.97	32.74 0.19 -27.45	30.78 0.20 -25.23	24.55 0.18 -19.52	22.83 0.14 -18.70

ATHENS_STG_3 23677	22.44 0.21 -16.52	21.29 0.17 -16.33	19.84 0.16 -15.12	18.94 0.17 -14.18	18.84 0.16 -14.33	19.80 0.16 -15.04	20.35 0.16 -15.79	21.22 0.18 -15.94	21.60 0.31 -13.10	23.81 0.30 -15.67	23.86 0.29 -15.87	24.09 0.30 -16.01	24.29 0.29 -16.26	24.31 0.20 -18.95	24.27 0.19 -18.98	24.27 0.19 -18.99	25.22 0.17 -20.47	29.06 0.17 -24.31	29.88 0.20 -24.59	32.26 0.19 -26.97	32.74 0.19 -27.45	30.78 0.20 -25.23	24.55 0.18 -19.52	22.83 0.14 -18.70
AUBURN____LFGE 323710	7.93 0.05 -2.16	6.95 0.03 -2.13	6.56 0.03 -1.97	6.48 0.03 -1.85	6.26 0.03 -1.87	6.58 0.03 -1.96	6.49 0.03 -2.06	7.22 0.05 -2.08	9.99 0.09 -1.71	10.02 0.13 -2.05	9.89 0.12 -2.07	10.00 0.12 -2.09	9.98 0.12 -2.12	7.73 0.09 -2.47	7.65 0.07 -2.48	7.63 0.06 -2.48	7.32 0.07 -2.67	7.80 0.05 -3.17	8.38 0.07 -3.21	8.67 0.06 -3.52	8.72 0.05 -3.58	8.71 0.07 -3.29	7.43 0.03 -2.55	6.46 0.03 -2.44
BABYLON_RES_REC 323704	25.41 0.49 -19.20	22.64 0.41 -17.44	20.20 0.37 -15.27	19.99 0.36 -15.03	19.99 0.34 -15.28	21.06 0.36 -16.11	21.94 0.37 -17.17	22.35 0.43 -16.82	27.97 0.70 -19.08	29.82 0.71 -21.27	33.00 0.69 -24.61	38.48 0.68 -30.02	34.54 0.67 -26.14	34.86 0.45 -29.24	33.30 0.46 -27.74	31.99 0.46 -26.44	30.87 0.40 -25.89	34.52 0.42 -29.52	36.44 0.49 -30.85	38.87 0.48 -33.29	47.62 0.48 -42.05	35.09 0.50 -29.25	28.22 0.42 -22.95	25.74 0.36 -21.40
BABYLON__69_KV_BK2 356345	25.45 0.53 -19.20	22.68 0.45 -17.44	20.24 0.41 -15.27	20.03 0.40 -15.03	20.02 0.38 -15.28	21.10 0.40 -16.11	21.97 0.40 -17.17	22.39 0.47 -16.82	28.04 0.78 -19.08	29.92 0.80 -21.27	33.08 0.77 -24.61	38.56 0.76 -30.02	34.62 0.75 -26.14	34.91 0.50 -29.24	33.36 0.52 -27.74	32.04 0.50 -26.44	30.91 0.44 -25.89	34.56 0.47 -29.52	36.49 0.54 -30.85	38.91 0.53 -33.29	47.68 0.53 -42.05	35.15 0.56 -29.25	28.27 0.47 -22.95	25.77 0.39 -21.40
BARON_WINDS____WT_PWR 323822	9.23 -0.10 -3.61	8.26 -0.10 -3.57	7.77 -0.09 -3.30	7.62 -0.07 -3.10	7.42 -0.07 -3.13	7.83 -0.04 -3.29	7.81 -0.04 -3.45	8.55 -0.04 -3.48	11.00 -0.05 -2.86	11.22 -0.05 -3.42	11.11 -0.06 -3.47	11.25 -0.04 -3.50	11.24 -0.05 -3.55	9.29 -0.02 -4.14	9.20 -0.05 -4.15	9.17 -0.07 -4.15	8.99 -0.07 -4.47	9.82 -0.07 -5.31	10.41 -0.06 -5.37	10.90 -0.09 -5.89	10.98 -0.11 -6.00	10.76 -0.09 -5.51	9.05 -0.06 -4.26	8.02 -0.06 -4.09
BARRETT_IC_1 23704	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BARRETT_IC_10 23701	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BARRETT_IC_11 23702	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BARRETT_IC_12 23703	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BARRETT_IC_2 23705	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BARRETT_IC_3 23706	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BARRETT_IC_4 23707	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BARRETT_IC_5 23708	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BARRETT_IC_6 23709	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BARRETT_IC_7 23710	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40

BARRETT_IC_8 23711	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BARRETT_IC_9 23700	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BARRETT___1 23545	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BARRETT___2 23546	25.39 0.46 -19.20	22.62 0.38 -17.44	20.18 0.35 -15.27	19.97 0.34 -15.03	19.97 0.32 -15.28	21.04 0.34 -16.11	21.92 0.35 -17.17	22.33 0.41 -16.82	27.91 0.65 -19.08	29.74 0.62 -21.27	32.88 0.57 -24.61	38.37 0.56 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.22 0.38 -27.74	31.91 0.38 -26.44	30.79 0.33 -25.89	34.44 0.34 -29.52	36.35 0.40 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.00 0.41 -29.25	28.17 0.37 -22.95	25.68 0.30 -21.40
BATAVIA___115KV_TB1 55881	8.20 -0.03 -2.51	7.21 -0.06 -2.48	6.80 -0.05 -2.30	6.71 -0.05 -2.16	6.47 -0.07 -2.18	6.85 -0.03 -2.29	6.76 -0.04 -2.40	7.48 -0.04 -2.42	10.07 -0.11 -1.99	10.13 -0.10 -2.38	9.98 -0.13 -2.41	10.11 -0.11 -2.44	10.07 -0.14 -2.47	7.98 -0.07 -2.88	7.89 -0.09 -2.89	7.84 -0.14 -2.89	7.59 -0.11 -3.11	8.18 -0.09 -3.70	8.76 -0.08 -3.74	9.09 -0.10 -4.10	9.13 -0.13 -4.17	9.08 -0.09 -3.83	7.77 -0.04 -2.97	6.79 -0.04 -2.85
BAYONEEC___CTG1 323682	20.78 0.37 -14.69	19.62 0.31 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
BAYONEEC___CTG10 323750	20.78 0.37 -14.69	19.62 0.31 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
BAYONEEC___CTG2 323683	20.78 0.37 -14.69	19.62 0.31 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
BAYONEEC___CTG3 323684	20.78 0.37 -14.69	19.62 0.31 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
BAYONEEC___CTG4 323685	20.78 0.37 -14.69	19.62 0.31 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
BAYONEEC___CTG5 323686	20.78 0.37 -14.69	19.62 0.31 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
BAYONEEC___CTG6 323687	20.78 0.37 -14.69	19.62 0.31 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
BAYONEEC___CTG7 323688	20.78 0.37 -14.69	19.62 0.31 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
BAYONEEC___CTG8 323689	20.78 0.37 -14.69	19.62 0.31 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
BAYONEEC___CTG9 323749	20.78 0.37 -14.69	19.62 0.31 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63

BEACON___LESR 323632	24.20 0.30 -18.18	23.01 0.24 -17.97	21.43 0.23 -16.64	20.44 0.23 -15.61	20.34 0.22 -15.77	21.37 0.23 -16.56	22.00 0.22 -17.38	22.90 0.25 -17.55	23.06 0.46 -14.42	25.53 0.44 -17.25	25.58 0.42 -17.47	25.85 0.44 -17.62	26.05 0.43 -17.89	26.30 0.28 -20.85	26.25 0.28 -20.88	26.25 0.27 -20.89	27.36 0.25 -22.52	31.59 0.25 -26.76	32.43 0.28 -27.06	35.05 0.28 -29.68	35.57 0.27 -30.21	33.39 0.28 -27.77	26.60 0.27 -21.48	24.77 0.20 -20.58
BEAVER RIVER___HYD 24048	5.49 -0.09 0.14	4.81 -0.08 -0.10	4.72 -0.08 -0.25	5.12 -0.08 -0.60	4.90 -0.07 -0.61	5.16 -0.07 -0.64	5.01 -0.06 -0.67	5.71 -0.06 -0.68	8.66 -0.09 -0.56	8.40 -0.11 -0.67	8.27 -0.11 -0.67	8.33 -0.13 -0.68	8.31 -0.12 -0.69	5.88 -0.09 -0.81	5.78 -0.12 -0.81	5.81 -0.09 -0.81	5.38 -0.08 -0.87	5.54 -0.07 -1.03	6.09 -0.05 -1.05	6.21 -0.04 -1.15	6.23 -0.03 -1.17	6.36 -0.05 -1.07	5.64 -0.04 -0.83	4.74 -0.04 -0.80
BEEBEE_GT_13 23619	7.80 0.01 -2.07	6.81 -0.02 -2.05	6.44 -0.01 -1.90	6.36 -0.01 -1.78	6.13 -0.03 -1.80	6.47 0.00 -1.89	6.37 -0.01 -1.98	7.11 0.02 -2.00	9.82 -0.01 -1.64	9.82 0.01 -1.96	9.68 -0.01 -1.99	9.81 0.02 -2.01	9.78 0.01 -2.04	7.57 0.03 -2.38	7.48 0.01 -2.38	7.44 -0.03 -2.38	7.13 -0.02 -2.57	7.61 -0.02 -3.05	8.17 -0.01 -3.08	8.46 -0.02 -3.38	8.50 -0.03 -3.44	8.51 0.00 -3.16	7.31 0.01 -2.45	6.33 0.00 -2.34
BENSHRST_27_KV_BENSHRST_1 355998	20.82 0.41 -14.69	19.65 0.34 -14.52	18.30 0.30 -13.45	17.48 0.28 -12.61	17.36 0.26 -12.74	18.22 0.25 -13.38	18.70 0.26 -14.05	19.58 0.30 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.32 0.51 -14.11	22.53 0.50 -14.24	22.71 0.52 -14.46	22.36 0.34 -16.85	22.33 0.35 -16.88	22.32 0.34 -16.89	23.08 0.29 -18.21	26.52 0.32 -21.62	27.35 0.39 -21.87	29.45 0.37 -23.98	29.88 0.38 -24.42	28.17 0.39 -22.44	22.52 0.32 -17.36	20.91 0.29 -16.63
BETHLEHEM___GRP 23843	24.17 0.24 -18.21	23.00 0.20 -18.01	21.42 0.19 -16.67	20.42 0.19 -15.64	20.33 0.18 -15.79	21.37 0.19 -16.59	21.98 0.18 -17.40	22.87 0.21 -17.57	22.98 0.36 -14.43	25.45 0.34 -17.27	25.52 0.33 -17.49	25.78 0.34 -17.65	25.99 0.34 -17.92	26.28 0.23 -20.88	26.23 0.22 -20.91	26.23 0.21 -20.93	27.35 0.20 -22.56	31.56 0.20 -26.79	32.42 0.22 -27.11	35.05 0.22 -29.73	35.57 0.21 -30.27	33.38 0.22 -27.82	26.58 0.21 -21.52	24.76 0.16 -20.62
BETHLEHEM___GS1 323560	24.17 0.24 -18.21	23.00 0.20 -18.01	21.42 0.19 -16.67	20.42 0.19 -15.64	20.33 0.18 -15.79	21.37 0.19 -16.59	21.99 0.18 -17.41	22.88 0.21 -17.58	22.99 0.36 -14.44	25.46 0.34 -17.28	25.53 0.33 -17.50	25.78 0.34 -17.65	25.99 0.34 -17.92	26.28 0.23 -20.88	26.23 0.22 -20.91	26.24 0.22 -20.93	27.35 0.20 -22.56	31.58 0.20 -26.80	32.42 0.22 -27.11	35.05 0.22 -29.73	35.57 0.21 -30.27	33.38 0.22 -27.82	26.58 0.21 -21.52	24.77 0.16 -20.62
BETHLEHEM___GS2 323561	24.17 0.24 -18.21	23.00 0.20 -18.01	21.42 0.19 -16.67	20.42 0.19 -15.64	20.33 0.18 -15.79	21.37 0.19 -16.59	21.99 0.18 -17.41	22.88 0.21 -17.58	22.99 0.36 -14.44	25.46 0.34 -17.28	25.53 0.33 -17.50	25.78 0.34 -17.65	25.99 0.34 -17.92	26.28 0.23 -20.88	26.23 0.22 -20.91	26.24 0.22 -20.93	27.35 0.20 -22.56	31.58 0.20 -26.80	32.42 0.22 -27.11	35.05 0.22 -29.73	35.57 0.21 -30.27	33.38 0.22 -27.82	26.58 0.21 -21.52	24.77 0.16 -20.62
BETHLEHEM___GS3 323562	24.17 0.24 -18.21	23.00 0.20 -18.01	21.42 0.19 -16.67	20.42 0.19 -15.64	20.33 0.18 -15.79	21.37 0.19 -16.59	21.99 0.18 -17.41	22.88 0.21 -17.58	22.99 0.36 -14.44	25.46 0.34 -17.28	25.53 0.33 -17.50	25.78 0.34 -17.65	25.99 0.34 -17.92	26.28 0.23 -20.88	26.23 0.22 -20.91	26.24 0.22 -20.93	27.35 0.20 -22.56	31.58 0.20 -26.80	32.42 0.22 -27.11	35.05 0.22 -29.73	35.57 0.21 -30.27	33.38 0.22 -27.82	26.58 0.21 -21.52	24.77 0.16 -20.62
BETHLEHEM___STEEL 23779	8.41 -0.09 -2.77	7.44 -0.10 -2.74	7.01 -0.09 -2.54	6.90 -0.07 -2.38	6.68 -0.09 -2.40	7.06 -0.05 -2.53	7.00 -0.05 -2.65	7.73 -0.05 -2.68	10.31 -0.08 -2.20	10.39 -0.09 -2.63	10.25 -0.12 -2.66	10.39 -0.09 -2.69	10.36 -0.10 -2.73	8.30 -0.04 -3.18	8.21 -0.07 -3.18	8.16 -0.12 -3.19	7.92 -0.10 -3.44	8.57 -0.09 -4.08	9.15 -0.08 -4.12	9.50 -0.12 -4.52	9.55 -0.15 -4.60	9.46 -0.11 -4.23	8.06 -0.07 -3.27	7.06 -0.07 -3.14
BETHLHEM_115KV_TB1 79974	24.16 0.23 -18.21	22.99 0.20 -18.00	21.41 0.19 -16.67	20.42 0.19 -15.63	20.33 0.18 -15.79	21.36 0.19 -16.58	21.97 0.18 -17.40	22.86 0.20 -17.56	22.97 0.35 -14.43	25.44 0.33 -17.26	25.50 0.32 -17.48	25.76 0.33 -17.64	25.98 0.33 -17.91	26.26 0.22 -20.87	26.21 0.21 -20.90	26.22 0.21 -20.92	27.33 0.19 -22.55	31.55 0.19 -26.78	32.41 0.21 -27.10	35.03 0.21 -29.72	35.56 0.21 -30.26	33.37 0.22 -27.81	26.57 0.21 -21.51	24.75 0.16 -20.61
BETHPAGE_CC_5 323564	25.41 0.49 -19.20	22.64 0.40 -17.44	20.20 0.37 -15.27	19.99 0.36 -15.03	19.98 0.34 -15.28	21.06 0.36 -16.11	21.94 0.37 -17.17	22.35 0.43 -16.82	27.95 0.69 -19.08	29.80 0.68 -21.27	32.98 0.67 -24.61	38.45 0.65 -30.02	34.52 0.65 -26.14	34.84 0.43 -29.24	33.28 0.44 -27.74	31.97 0.44 -26.44	30.85 0.38 -25.89	34.49 0.40 -29.52	36.41 0.46 -30.85	38.84 0.45 -33.29	47.59 0.45 -42.05	35.06 0.47 -29.25	28.22 0.42 -22.95	25.74 0.35 -21.40
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	8.43 -0.10 -2.80	7.45 -0.11 -2.77	7.02 -0.10 -2.57	6.92 -0.09 -2.41	6.70 -0.10 -2.43	7.08 -0.06 -2.55	7.01 -0.07 -2.68	7.74 -0.06 -2.70	10.31 -0.10 -2.22	10.40 -0.10 -2.66	10.26 -0.13 -2.69	10.40 -0.10 -2.72	10.38 -0.12 -2.76	8.32 -0.06 -3.21	8.23 -0.08 -3.22	8.18 -0.13 -3.22	7.95 -0.11 -3.47	8.60 -0.10 -4.12	9.18 -0.09 -4.17	9.54 -0.13 -4.57	9.58 -0.16 -4.65	9.49 -0.12 -4.27	8.08 -0.08 -3.31	7.08 -0.08 -3.17
BINGHAMTON___COGEN 23790	10.70 0.07 -4.91	9.69 0.05 -4.85	9.10 0.05 -4.49	8.87 0.06 -4.21	8.67 0.05 -4.26	9.12 0.06 -4.47	9.14 0.05 -4.69	9.90 0.07 -4.74	12.20 0.11 -3.89	12.60 0.09 -4.66	12.51 0.09 -4.72	12.65 0.10 -4.76	12.67 0.10 -4.83	10.87 0.07 -5.63	10.79 0.06 -5.64	10.78 0.05 -5.64	10.71 0.05 -6.09	11.84 0.04 -7.23	12.46 0.06 -7.31	13.16 0.05 -8.01	13.29 0.04 -8.16	12.89 0.05 -7.50	10.71 0.06 -5.80	9.59 0.05 -5.56
BIXINCNT_115KV_LOAD 355685	8.50 -0.15 -2.93	7.54 -0.15 -2.90	7.09 -0.15 -2.69	6.98 -0.13 -2.52	6.77 -0.14 -2.54	7.16 -0.10 -2.67	7.11 -0.10 -2.81	7.82 -0.11 -2.83	10.36 -0.16 -2.33	10.48 -0.15 -2.78	10.34 -0.18 -2.82	10.48 -0.15 -2.84	10.44 -0.19 -2.89	8.44 -0.09 -3.36	8.35 -0.11 -3.37	8.31 -0.15 -3.37	8.09 -0.12 -3.64	8.77 -0.12 -4.32	9.32 -0.14 -4.36	9.70 -0.18 -4.79	9.74 -0.22 -4.87	9.63 -0.19 -4.48	8.16 -0.16 -3.47	7.16 -0.15 -3.32
BLACK RIVER___HYD 24047	6.10 0.00 -0.38	5.32 -0.01 -0.55	5.14 -0.03 -0.62	5.41 -0.02 -0.83	5.19 -0.01 -0.84	5.46 -0.01 -0.88	5.32 0.00 -0.93	6.04 0.01 -0.94	8.96 0.00 -0.77	8.72 -0.04 -0.92	8.58 -0.05 -0.93	8.66 -0.07 -0.94	8.64 -0.05 -0.95	6.23 -0.05 -1.11	6.12 -0.09 -1.11	6.14 -0.06 -1.11	5.73 -0.05 -1.20	5.96 -0.05 -1.43	6.53 -0.01 -1.44	6.69 0.01 -1.58	6.72 0.02 -1.61	6.82 0.00 -1.48	6.00 0.00 -1.14	5.08 0.00 -1.10

BLACKRVR_115KV_TB2 79977	6.10 0.00 -0.38	5.32 -0.01 -0.55	5.14 -0.03 -0.62	5.41 -0.02 -0.83	5.19 -0.01 -0.84	5.46 -0.01 -0.88	5.32 0.00 -0.93	6.04 0.01 -0.94	8.96 0.00 -0.77	8.72 -0.04 -0.92	8.58 -0.05 -0.93	8.66 -0.07 -0.94	8.64 -0.05 -0.95	6.23 -0.05 -1.11	6.12 -0.09 -1.11	6.14 -0.06 -1.11	5.73 -0.05 -1.20	5.96 -0.05 -1.43	6.53 -0.01 -1.44	6.68 0.01 -1.58	6.72 0.02 -1.61	6.82 0.00 -1.48	6.00 0.00 -1.14	5.08 0.00 -1.10
BLISS_WT_PWR 323608	8.47 -0.18 -2.93	7.52 -0.17 -2.90	7.07 -0.17 -2.69	6.95 -0.16 -2.52	6.74 -0.16 -2.54	7.14 -0.12 -2.67	7.09 -0.11 -2.81	7.80 -0.13 -2.83	10.33 -0.19 -2.33	10.46 -0.17 -2.78	10.32 -0.19 -2.82	10.47 -0.16 -2.84	10.42 -0.20 -2.89	8.43 -0.10 -3.36	8.34 -0.12 -3.37	8.31 -0.15 -3.37	8.09 -0.13 -3.64	8.76 -0.13 -4.32	9.30 -0.16 -4.36	9.70 -0.19 -4.79	9.73 -0.23 -4.87	9.61 -0.21 -4.48	8.13 -0.19 -3.47	7.12 -0.18 -3.32
BLUE_CIRC_CHEM_DRP 24182	23.86 0.24 -17.90	22.68 0.20 -17.70	21.14 0.20 -16.39	20.16 0.20 -15.37	20.07 0.18 -15.52	21.08 0.19 -16.30	21.67 0.18 -17.10	22.56 0.20 -17.26	22.72 0.35 -14.18	25.15 0.34 -16.97	25.20 0.32 -17.18	25.47 0.34 -17.34	25.67 0.33 -17.60	25.91 0.22 -20.52	25.86 0.21 -20.55	25.86 0.21 -20.56	26.95 0.20 -22.17	31.09 0.20 -26.32	31.96 0.22 -26.65	34.54 0.22 -29.23	35.06 0.21 -29.75	32.91 0.22 -27.34	26.22 0.21 -21.15	24.41 0.16 -20.27
BOC_GAS_DRP 24189	24.09 0.20 -18.17	22.92 0.17 -17.97	21.35 0.16 -16.64	20.36 0.16 -15.60	20.27 0.15 -15.76	21.30 0.16 -16.55	21.90 0.15 -17.35	22.79 0.17 -17.52	22.88 0.29 -14.39	25.34 0.27 -17.22	25.40 0.27 -17.43	25.66 0.28 -17.60	25.88 0.28 -17.86	26.17 0.19 -20.82	26.13 0.18 -20.85	26.13 0.18 -20.87	27.24 0.16 -22.49	31.45 0.16 -26.71	32.33 0.18 -27.05	34.94 0.18 -29.67	35.47 0.18 -30.20	33.29 0.19 -27.76	26.50 0.17 -21.47	24.69 0.13 -20.58
BOONVILLE_115KV_TB1 79983	6.14 0.03 -0.39	5.26 0.02 -0.45	5.02 0.01 -0.46	5.14 0.01 -0.53	4.91 0.01 -0.53	5.16 0.02 -0.56	5.00 0.02 -0.59	5.72 0.03 -0.59	8.73 0.06 -0.49	8.45 0.02 -0.58	8.32 0.03 -0.59	8.40 0.02 -0.60	8.37 0.03 -0.60	5.88 0.01 -0.70	5.80 -0.01 -0.71	5.81 0.01 -0.71	5.35 0.01 -0.76	5.50 0.01 -0.90	6.05 0.04 -0.91	6.14 0.04 -1.00	6.16 0.05 -1.02	6.31 0.03 -0.94	5.61 0.03 -0.73	4.70 0.02 -0.70
BORALEX_4TH_BRANCH 23824	24.17 0.27 -18.18	22.99 0.23 -17.97	21.40 0.21 -16.64	20.42 0.22 -15.61	20.34 0.21 -15.76	21.36 0.22 -16.55	22.00 0.22 -17.38	22.91 0.26 -17.55	23.05 0.44 -14.42	25.48 0.39 -17.25	25.56 0.40 -17.46	25.82 0.40 -17.63	26.03 0.39 -17.90	26.29 0.26 -20.86	26.24 0.25 -20.89	26.25 0.25 -20.91	27.35 0.23 -22.54	31.55 0.22 -26.75	32.39 0.24 -27.06	35.01 0.23 -29.68	35.53 0.23 -30.21	33.35 0.24 -27.76	26.58 0.25 -21.48	24.74 0.17 -20.58
BOWLINE___1 23526	20.27 0.32 -14.23	19.13 0.27 -14.07	17.82 0.24 -13.03	17.05 0.23 -12.22	16.93 0.22 -12.34	17.78 0.23 -12.96	18.24 0.24 -13.61	19.11 0.28 -13.74	19.94 0.47 -11.29	21.81 0.46 -13.50	21.82 0.45 -13.67	22.03 0.44 -13.80	22.19 0.45 -14.01	21.79 0.30 -16.33	21.75 0.30 -16.35	21.75 0.30 -16.36	22.48 0.26 -17.64	25.79 0.27 -20.94	26.59 0.32 -21.18	28.64 0.31 -23.23	29.06 0.32 -23.65	27.41 0.33 -21.74	21.95 0.28 -16.81	20.34 0.24 -16.11
BOWLINE___2 23595	20.27 0.32 -14.23	19.13 0.27 -14.07	17.82 0.24 -13.03	17.05 0.23 -12.22	16.93 0.22 -12.34	17.78 0.23 -12.96	18.24 0.24 -13.61	19.11 0.28 -13.74	19.94 0.47 -11.29	21.81 0.46 -13.50	21.82 0.45 -13.67	22.03 0.44 -13.80	22.19 0.45 -14.01	21.79 0.30 -16.33	21.75 0.30 -16.35	21.75 0.30 -16.36	22.48 0.26 -17.64	25.79 0.27 -20.95	26.60 0.32 -21.18	28.64 0.31 -23.23	29.06 0.32 -23.65	27.41 0.33 -21.74	21.95 0.28 -16.82	20.34 0.24 -16.11
BRADY___115KV_TB2 356060	2.83 -0.15 2.74	2.73 -0.12 1.93	3.17 -0.11 1.27	4.48 -0.11 0.00	4.27 -0.10 0.00	4.50 -0.09 0.00	4.32 -0.07 0.00	5.02 -0.08 0.00	8.03 -0.16 0.00	7.68 -0.16 0.00	7.55 -0.15 0.00	7.61 -0.17 0.00	7.57 -0.16 0.00	5.04 -0.12 0.00	4.97 -0.13 0.00	4.97 -0.12 0.00	4.47 -0.11 0.00	4.47 -0.11 0.00	4.98 -0.12 0.00	4.99 -0.11 0.00	5.00 -0.09 0.00	5.24 -0.11 0.00	4.77 -0.08 0.00	3.92 -0.07 0.00
BRANSCOMB___SOLAR 323811	24.81 0.29 -18.80	23.61 0.23 -18.59	21.99 0.22 -17.21	20.96 0.22 -16.14	20.87 0.21 -16.31	21.93 0.22 -17.12	22.59 0.21 -17.98	23.49 0.24 -18.15	23.54 0.44 -14.91	26.12 0.43 -17.84	26.17 0.41 -18.06	26.46 0.43 -18.25	26.69 0.43 -18.53	27.04 0.27 -21.60	26.99 0.27 -21.63	27.01 0.27 -21.64	28.18 0.26 -23.33	32.52 0.27 -27.67	33.37 0.29 -27.99	36.08 0.29 -30.70	36.62 0.28 -31.25	34.36 0.29 -28.72	27.33 0.27 -22.22	25.47 0.19 -21.29
BRENTWOD_69_KV_W. BRTWOOD 56703	25.42 0.50 -19.20	22.65 0.42 -17.44	20.21 0.38 -15.27	20.00 0.38 -15.03	20.00 0.35 -15.28	21.07 0.38 -16.11	21.94 0.38 -17.17	22.36 0.44 -16.82	27.99 0.73 -19.08	29.85 0.74 -21.27	33.01 0.70 -24.61	38.49 0.69 -30.02	34.56 0.69 -26.14	34.86 0.45 -29.24	33.31 0.47 -27.74	32.00 0.46 -26.44	30.88 0.41 -25.89	34.52 0.43 -29.52	36.45 0.50 -30.85	38.87 0.48 -33.29	47.63 0.49 -42.05	35.10 0.51 -29.25	28.23 0.43 -22.95	25.74 0.35 -21.40
BRISTLHL_115KV_TB1 79998	7.20 -0.03 -1.50	6.24 -0.03 -1.49	5.90 -0.03 -1.38	5.86 -0.03 -1.29	5.63 -0.03 -1.30	5.91 -0.05 -1.37	5.78 -0.05 -1.44	6.49 -0.06 -1.45	9.30 -0.08 -1.19	9.18 -0.09 -1.43	9.04 -0.10 -1.45	9.15 -0.09 -1.46	9.12 -0.09 -1.48	6.83 -0.06 -1.73	6.75 -0.08 -1.73	6.73 -0.09 -1.73	6.37 -0.07 -1.87	6.71 -0.08 -2.21	7.26 -0.08 -2.24	7.47 -0.09 -2.46	7.50 -0.09 -2.50	7.56 -0.09 -2.30	6.56 -0.07 -1.78	5.64 -0.05 -1.70
BROOKHAVEN___DRP 24191	25.43 0.50 -19.20	22.65 0.42 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.00 0.36 -15.28	21.08 0.39 -16.11	21.94 0.38 -17.17	22.36 0.44 -16.82	28.00 0.74 -19.08	29.91 0.79 -21.27	33.06 0.75 -24.61	38.55 0.75 -30.02	34.61 0.74 -26.14	34.88 0.48 -29.24	33.35 0.51 -27.74	32.03 0.50 -26.44	30.90 0.43 -25.89	34.56 0.46 -29.52	36.49 0.54 -30.85	38.90 0.52 -33.29	47.67 0.53 -42.05	35.13 0.54 -29.25	28.25 0.45 -22.95	25.76 0.37 -21.40
BROOKLYN_NAVY_YARD 23515	20.77 0.36 -14.69	19.61 0.30 -14.52	18.27 0.26 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.25 -13.38	18.70 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.29 0.51 -13.94	22.30 0.49 -14.11	22.50 0.48 -14.24	22.67 0.48 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.32 0.36 -21.87	29.42 0.34 -23.98	29.85 0.35 -24.42	28.14 0.36 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63
BROOKLYN___ARMY_DRP 323595	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.68 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.47 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.89 0.28 -16.63

BROOKVLE_69_KV_TB1 55790	25.38 0.46 -19.20	22.61 0.38 -17.44	20.17 0.35 -15.27	19.96 0.34 -15.03	19.96 0.32 -15.28	21.03 0.33 -16.11	21.91 0.34 -17.17	22.32 0.40 -16.82	27.93 0.66 -19.08	29.78 0.67 -21.27	32.93 0.62 -24.61	38.43 0.62 -30.02	34.50 0.63 -26.14	34.82 0.41 -29.24	33.26 0.42 -27.74	31.94 0.41 -26.44	30.83 0.36 -25.89	34.46 0.37 -29.52	36.39 0.43 -30.85	38.81 0.42 -33.29	47.57 0.43 -42.05	35.04 0.45 -29.25	28.20 0.39 -22.95	25.72 0.33 -21.40
BROOME_2_LFGE 323671	10.70 0.07 -4.91	9.69 0.05 -4.85	9.10 0.05 -4.49	8.87 0.06 -4.21	8.67 0.05 -4.26	9.12 0.06 -4.47	9.14 0.05 -4.69	9.90 0.07 -4.74	12.20 0.11 -3.89	12.60 0.10 -4.66	12.51 0.09 -4.72	12.65 0.10 -4.76	12.67 0.10 -4.83	10.87 0.07 -5.63	10.79 0.06 -5.64	10.78 0.05 -5.64	10.71 0.05 -6.09	11.84 0.04 -7.22	12.46 0.06 -7.31	13.16 0.05 -8.01	13.29 0.04 -8.16	12.89 0.05 -7.50	10.71 0.06 -5.80	9.59 0.05 -5.56
BROOME__LFGE 323600	10.70 0.07 -4.91	9.69 0.05 -4.85	9.10 0.05 -4.49	8.87 0.06 -4.21	8.67 0.05 -4.26	9.12 0.06 -4.47	9.14 0.05 -4.69	9.90 0.07 -4.74	12.20 0.11 -3.89	12.60 0.10 -4.66	12.51 0.09 -4.72	12.65 0.10 -4.76	12.67 0.10 -4.83	10.87 0.07 -5.63	10.79 0.06 -5.64	10.78 0.05 -5.64	10.71 0.05 -6.09	11.84 0.04 -7.22	12.46 0.06 -7.31	13.16 0.05 -8.01	13.29 0.04 -8.16	12.89 0.05 -7.50	10.71 0.06 -5.80	9.59 0.05 -5.56
BROWNFLS_115KV_TB_3_5 80003	4.47 -0.15 1.10	4.02 -0.13 0.64	4.14 -0.13 0.29	4.89 -0.13 -0.42	4.68 -0.11 -0.43	4.93 -0.11 -0.45	4.78 -0.09 -0.47	5.47 -0.10 -0.48	8.42 -0.16 -0.39	8.14 -0.17 -0.47	8.01 -0.16 -0.47	8.08 -0.19 -0.48	8.05 -0.17 -0.49	5.59 -0.14 -0.57	5.49 -0.17 -0.57	5.51 -0.15 -0.57	5.06 -0.14 -0.61	5.17 -0.14 -0.73	5.69 -0.14 -0.74	5.78 -0.13 -0.81	5.80 -0.11 -0.82	5.99 -0.11 -0.75	5.34 -0.09 -0.58	4.47 -0.08 -0.56
BROWNSV1_27_KV_LOAD 356125	20.82 0.41 -14.69	19.65 0.34 -14.52	18.30 0.30 -13.45	17.49 0.29 -12.61	17.37 0.27 -12.74	18.25 0.28 -13.38	18.73 0.29 -14.05	19.62 0.34 -14.18	20.42 0.58 -11.65	22.35 0.57 -13.94	22.37 0.55 -14.11	22.57 0.55 -14.24	22.75 0.56 -14.46	22.39 0.37 -16.85	22.35 0.37 -16.88	22.35 0.37 -16.89	23.10 0.31 -18.21	26.54 0.34 -21.62	27.37 0.40 -21.87	29.47 0.39 -23.98	29.90 0.39 -24.42	28.19 0.41 -22.44	22.55 0.34 -17.36	20.92 0.30 -16.63
BURROWS__LYONSDAL 23803	6.00 -0.01 -0.28	5.16 -0.01 -0.38	4.95 -0.02 -0.42	5.12 -0.02 -0.54	4.90 -0.01 -0.55	5.15 -0.01 -0.58	4.99 -0.01 -0.60	5.71 0.00 -0.61	8.71 0.02 -0.50	8.43 -0.02 -0.60	8.30 -0.01 -0.61	8.38 -0.02 -0.61	8.35 -0.01 -0.62	5.87 -0.02 -0.72	5.79 -0.04 -0.73	5.81 -0.01 -0.73	5.36 -0.01 -0.78	5.50 0.00 -0.93	6.06 0.02 -0.94	6.15 0.03 -1.03	6.17 0.03 -1.05	6.31 0.01 -0.96	5.61 0.01 -0.75	4.70 0.00 -0.71
CAITHNESS_CC_1 323624	25.41 0.49 -19.20	22.64 0.40 -17.44	20.21 0.38 -15.27	20.00 0.37 -15.03	19.99 0.35 -15.28	21.07 0.37 -16.11	21.94 0.37 -17.17	22.35 0.43 -16.82	27.98 0.71 -19.08	29.85 0.73 -21.27	33.02 0.72 -24.61	38.51 0.71 -30.02	34.57 0.70 -26.14	34.86 0.45 -29.24	33.32 0.48 -27.74	32.01 0.48 -26.44	30.88 0.41 -25.89	34.54 0.44 -29.52	36.47 0.51 -30.85	38.89 0.50 -33.29	47.64 0.50 -42.05	35.11 0.52 -29.25	28.23 0.43 -22.95	25.76 0.37 -21.40
CALPINE BETH_PAGE_GT4 24209	25.41 0.49 -19.20	22.64 0.40 -17.44	20.20 0.37 -15.27	19.99 0.36 -15.03	19.99 0.34 -15.28	21.06 0.36 -16.11	21.93 0.37 -17.17	22.35 0.43 -16.82	27.94 0.68 -19.08	29.81 0.69 -21.27	32.97 0.66 -24.61	38.43 0.62 -30.02	34.50 0.63 -26.14	34.82 0.42 -29.24	33.26 0.42 -27.74	31.95 0.42 -26.44	30.84 0.37 -25.89	34.48 0.38 -29.52	36.40 0.45 -30.85	38.82 0.43 -33.29	47.58 0.44 -42.05	35.05 0.46 -29.25	28.21 0.41 -22.95	25.74 0.35 -21.40
CALPINE_BETH_PAGE_GT_4 323586	25.41 0.49 -19.20	22.64 0.40 -17.44	20.20 0.37 -15.27	19.99 0.36 -15.03	19.99 0.34 -15.28	21.06 0.36 -16.11	21.94 0.37 -17.17	22.35 0.43 -16.82	27.94 0.68 -19.08	29.79 0.67 -21.27	32.97 0.66 -24.61	38.43 0.62 -30.02	34.50 0.63 -26.14	34.82 0.42 -29.24	33.26 0.42 -27.74	31.95 0.42 -26.44	30.84 0.37 -25.89	34.48 0.38 -29.52	36.40 0.45 -30.85	38.82 0.44 -33.29	47.58 0.44 -42.05	35.05 0.46 -29.25	28.22 0.42 -22.95	25.74 0.35 -21.40
CALPINE_BP_GT1 23823	25.41 0.49 -19.20	22.64 0.40 -17.44	20.20 0.37 -15.27	19.99 0.36 -15.03	19.99 0.34 -15.28	21.06 0.36 -16.11	21.94 0.37 -17.17	22.35 0.43 -16.82	27.94 0.68 -19.08	29.79 0.67 -21.27	32.97 0.66 -24.61	38.43 0.62 -30.02	34.50 0.63 -26.14	34.82 0.42 -29.24	33.26 0.42 -27.74	31.95 0.42 -26.44	30.84 0.37 -25.89	34.48 0.38 -29.52	36.40 0.45 -30.85	38.82 0.44 -33.29	47.58 0.44 -42.05	35.05 0.46 -29.25	28.22 0.42 -22.95	25.74 0.35 -21.40
CALSPAN__DRP 24200	8.41 -0.09 -2.77	7.44 -0.10 -2.74	7.01 -0.09 -2.54	6.90 -0.07 -2.38	6.68 -0.09 -2.40	7.06 -0.05 -2.53	7.00 -0.05 -2.65	7.73 -0.05 -2.68	10.31 -0.08 -2.20	10.39 -0.09 -2.63	10.25 -0.12 -2.66	10.39 -0.09 -2.69	10.36 -0.10 -2.73	8.30 -0.04 -3.18	8.21 -0.07 -3.18	8.16 -0.12 -3.19	7.92 -0.12 -3.44	8.57 -0.09 -4.08	9.15 -0.08 -4.12	9.50 -0.12 -4.52	9.55 -0.15 -4.60	9.46 -0.11 -4.23	8.06 -0.07 -3.27	7.06 -0.07 -3.14
CALVERTON__SOLAR 323806	25.44 0.52 -19.20	22.67 0.44 -17.44	20.23 0.41 -15.27	20.02 0.40 -15.03	20.02 0.38 -15.28	21.09 0.40 -16.11	21.96 0.40 -17.17	22.38 0.46 -16.82	28.04 0.77 -19.08	29.92 0.80 -21.27	33.10 0.79 -24.61	38.60 0.79 -30.02	34.65 0.78 -26.14	34.91 0.51 -29.24	33.38 0.54 -27.74	32.06 0.53 -26.44	30.92 0.45 -25.89	34.59 0.49 -29.52	36.52 0.57 -30.85	38.94 0.56 -33.29	47.70 0.56 -42.05	35.16 0.57 -29.25	28.27 0.47 -22.95	25.78 0.40 -21.40
CANDIGU_WT_PWR 323617	9.23 -0.10 -3.61	8.26 -0.10 -3.57	7.77 -0.09 -3.30	7.62 -0.07 -3.10	7.42 -0.07 -3.13	7.83 -0.04 -3.29	7.81 -0.04 -3.45	8.55 -0.04 -3.48	11.00 -0.05 -2.86	11.22 -0.05 -3.42	11.11 -0.06 -3.47	11.25 -0.04 -3.50	11.24 -0.05 -3.55	9.29 -0.02 -4.14	9.20 -0.05 -4.15	9.17 -0.07 -4.15	8.99 -0.07 -4.47	9.82 -0.07 -5.31	10.41 -0.06 -5.37	10.90 -0.09 -5.89	10.98 -0.11 -6.00	10.76 -0.09 -5.51	9.05 -0.06 -4.26	8.02 -0.06 -4.09
CARR STREET_E_SYR 24060	7.35 -0.01 -1.63	6.39 -0.01 -1.61	6.03 -0.01 -1.49	5.98 -0.01 -1.40	5.76 -0.02 -1.41	6.05 -0.02 -1.48	5.93 -0.03 -1.56	6.64 -0.03 -1.57	9.44 -0.04 -1.29	9.34 -0.05 -1.55	9.21 -0.05 -1.57	9.32 -0.05 -1.58	9.29 -0.05 -1.61	7.01 -0.03 -1.87	6.93 -0.04 -1.87	6.92 -0.05 -1.87	6.56 -0.04 -2.02	6.93 -0.05 -2.40	7.48 -0.05 -2.43	7.71 -0.05 -2.66	7.74 -0.06 -2.71	7.79 -0.05 -2.49	6.74 -0.04 -1.93	5.80 -0.03 -1.85
CARTHAGE__PAPER 23857	5.84 -0.06 -0.18	5.10 -0.06 -0.37	4.96 -0.07 -0.47	5.27 -0.07 -0.74	5.06 -0.06 -0.75	5.32 -0.05 -0.79	5.18 -0.05 -0.83	5.89 -0.05 -0.84	8.79 -0.08 -0.69	8.56 -0.10 -0.82	8.42 -0.12 -0.83	8.49 -0.14 -0.84	8.47 -0.12 -0.85	6.06 -0.10 -0.99	5.96 -0.13 -0.99	5.99 -0.10 -1.00	5.57 -0.08 -1.07	5.78 -0.07 -1.27	6.34 -0.05 -1.29	6.48 -0.03 -1.41	6.51 -0.02 -1.44	6.62 -0.04 -1.32	5.83 -0.04 -1.02	4.93 -0.04 -0.98

CASSADAGA_WT_PWR 323784	8.47 -0.17 -2.92	7.51 -0.16 -2.89	7.09 -0.14 -2.67	7.01 -0.09 -2.51	6.84 -0.06 -2.53	7.24 -0.01 -2.66	7.19 0.00 -2.79	7.95 0.03 -2.82	10.58 0.07 -2.32	10.69 0.08 -2.77	10.53 0.02 -2.81	10.66 0.05 -2.83	10.59 -0.02 -2.88	8.49 -0.03 -3.35	8.37 -0.09 -3.36	8.30 -0.15 -3.36	8.07 -0.13 -3.62	8.75 -0.13 -4.30	9.32 -0.12 -4.35	9.73 -0.14 -4.77	9.76 -0.18 -4.85	9.66 -0.14 -4.46	8.21 -0.09 -3.45	7.21 -0.09 -3.31
CE_DUNWOOD___DRP 24194	20.72 0.34 -14.66	19.57 0.28 -14.49	18.23 0.26 -13.42	17.43 0.25 -12.59	17.31 0.23 -12.72	18.19 0.25 -13.35	18.67 0.25 -14.02	19.54 0.29 -14.15	20.31 0.49 -11.63	22.24 0.49 -13.91	22.26 0.48 -14.08	22.47 0.47 -14.21	22.65 0.48 -14.43	22.31 0.32 -16.82	22.26 0.32 -16.84	22.26 0.32 -16.86	23.02 0.27 -18.17	26.44 0.28 -21.58	27.26 0.34 -21.82	29.36 0.33 -23.94	29.79 0.33 -24.37	28.08 0.35 -22.39	22.47 0.30 -17.32	20.84 0.25 -16.60
CE_MILLWOOD___DRP 24193	20.66 0.33 -14.61	19.51 0.28 -14.44	18.17 0.25 -13.37	17.38 0.24 -12.54	17.25 0.23 -12.67	18.13 0.24 -13.30	18.60 0.24 -13.96	19.48 0.29 -14.10	20.25 0.48 -11.58	22.18 0.48 -13.86	22.19 0.46 -14.03	22.40 0.46 -14.16	22.57 0.46 -14.38	22.23 0.31 -16.76	22.19 0.31 -16.78	22.19 0.31 -16.79	22.95 0.27 -18.10	26.35 0.28 -21.49	27.16 0.33 -21.74	29.26 0.32 -23.84	29.69 0.32 -24.27	27.99 0.34 -22.31	22.39 0.29 -17.26	20.76 0.24 -16.54
CE_NYC2_DRP 24202	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.21 0.24 -13.38	18.70 0.26 -14.05	19.57 0.30 -14.18	20.35 0.51 -11.65	22.28 0.50 -13.94	22.30 0.49 -14.11	22.51 0.48 -14.24	22.69 0.49 -14.46	22.35 0.33 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.07 0.27 -18.21	26.50 0.30 -21.62	27.32 0.36 -21.87	29.43 0.35 -23.98	29.85 0.35 -24.42	28.15 0.36 -22.44	22.51 0.30 -17.36	20.89 0.27 -16.63
CE_NYC_DRP 24195	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.22 0.26 -13.38	18.71 0.27 -14.05	19.59 0.31 -14.18	20.37 0.53 -11.65	22.31 0.53 -13.94	22.31 0.50 -14.11	22.53 0.50 -14.24	22.70 0.50 -14.46	22.36 0.34 -16.85	22.32 0.34 -16.88	22.32 0.34 -16.89	23.07 0.28 -18.21	26.50 0.31 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.16 0.37 -22.44	22.52 0.32 -17.36	20.89 0.28 -16.63
CHAFFEE___LFGE 323603	8.47 -0.10 -2.85	7.50 -0.11 -2.82	7.06 -0.10 -2.61	6.95 -0.09 -2.45	6.73 -0.10 -2.47	7.12 -0.06 -2.60	7.06 -0.07 -2.73	7.79 -0.06 -2.75	10.35 -0.10 -2.26	10.45 -0.10 -2.70	10.31 -0.13 -2.74	10.45 -0.10 -2.76	10.41 -0.12 -2.80	8.38 -0.06 -3.27	8.29 -0.08 -3.27	8.24 -0.12 -3.28	8.01 -0.11 -3.53	8.67 -0.10 -4.19	9.25 -0.09 -4.24	9.63 -0.12 -4.65	9.66 -0.16 -4.73	9.56 -0.13 -4.35	8.13 -0.08 -3.37	7.12 -0.09 -3.23
CHATEAUG_35_KV_LOAD 355732	2.41 -0.39 2.93	2.41 -0.32 2.06	2.94 -0.26 1.36	4.36 -0.24 0.00	4.17 -0.19 0.00	4.42 -0.17 0.00	4.27 -0.12 0.00	4.98 -0.11 0.00	8.04 -0.15 0.00	7.76 -0.09 0.00	7.64 -0.06 0.00	7.69 -0.09 0.00	7.62 -0.12 0.00	5.07 -0.09 0.00	5.01 -0.09 0.00	4.99 -0.10 0.00	4.48 -0.10 0.00	4.50 -0.08 0.00	5.00 -0.10 0.00	5.02 -0.08 0.00	5.01 -0.08 0.00	5.22 -0.13 0.00	4.71 -0.14 0.00	3.85 -0.14 0.00
CHATEAUG_WT_PWR 323614	2.34 -0.40 2.98	2.36 -0.33 2.10	2.90 -0.27 1.38	4.35 -0.25 0.00	4.17 -0.19 0.00	4.41 -0.17 0.00	4.27 -0.12 0.00	4.98 -0.12 0.00	8.03 -0.16 0.00	7.76 -0.09 0.00	7.65 -0.05 0.00	7.71 -0.08 0.00	7.63 -0.10 0.00	5.08 -0.08 0.00	5.02 -0.08 0.00	4.98 -0.11 0.00	4.48 -0.11 0.00	4.50 -0.08 0.00	5.00 -0.10 0.00	5.00 -0.10 0.00	5.00 -0.09 0.00	5.20 -0.14 0.00	4.70 -0.15 0.00	3.84 -0.14 0.00
CHAT_HIGH_FALL_HYD 323578	2.41 -0.39 2.93	2.41 -0.32 2.06	2.94 -0.26 1.36	4.36 -0.24 0.00	4.17 -0.19 0.00	4.42 -0.17 0.00	4.27 -0.12 0.00	4.98 -0.11 0.00	8.04 -0.15 0.00	7.76 -0.09 0.00	7.64 -0.06 0.00	7.69 -0.09 0.00	7.62 -0.12 0.00	5.07 -0.09 0.00	5.01 -0.09 0.00	4.98 -0.11 0.00	4.48 -0.10 0.00	4.50 -0.08 0.00	5.00 -0.10 0.00	5.01 -0.09 0.00	5.01 -0.08 0.00	5.22 -0.13 0.00	4.71 -0.14 0.00	3.85 -0.14 0.00
CHAUTAUQUA___LFGE 323629	8.53 -0.07 -2.88	7.55 -0.09 -2.85	7.12 -0.07 -2.64	7.02 -0.05 -2.47	6.81 -0.05 -2.50	7.20 -0.01 -2.62	7.14 -0.01 -2.75	7.89 0.02 -2.78	10.51 0.03 -2.28	10.62 0.04 -2.73	10.46 -0.01 -2.77	10.60 0.02 -2.79	10.56 -0.01 -2.84	8.47 0.01 -3.30	8.37 -0.04 -3.31	8.32 -0.09 -3.31	8.07 -0.08 -3.57	8.75 -0.07 -4.24	9.33 -0.06 -4.29	9.72 -0.08 -4.70	9.76 -0.12 -4.78	9.66 -0.08 -4.40	8.21 -0.04 -3.40	7.20 -0.05 -3.26
CHERRYST_13_KV_LD 356241	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.29 -13.45	17.48 0.27 -12.61	17.36 0.26 -12.74	18.24 0.27 -13.38	18.72 0.28 -14.05	19.60 0.32 -14.18	20.39 0.55 -11.65	22.32 0.54 -13.94	22.34 0.52 -14.11	22.54 0.51 -14.24	22.72 0.53 -14.46	22.37 0.35 -16.85	22.33 0.35 -16.88	22.33 0.35 -16.89	23.09 0.30 -18.21	26.51 0.32 -21.62	27.35 0.38 -21.87	29.45 0.37 -23.98	29.87 0.37 -24.42	28.17 0.38 -22.44	22.53 0.32 -17.36	20.90 0.28 -16.63
CHESTROR_138KV_BK263 355645	19.60 0.29 -13.60	18.47 0.24 -13.44	17.21 0.21 -12.45	16.48 0.21 -11.67	16.35 0.20 -11.79	17.18 0.21 -12.38	17.60 0.21 -13.00	18.46 0.24 -13.12	19.38 0.41 -10.78	21.16 0.42 -12.90	21.16 0.40 -13.06	21.37 0.40 -13.18	21.52 0.40 -13.38	21.03 0.27 -15.60	20.98 0.27 -15.62	20.99 0.26 -15.63	21.66 0.23 -16.85	24.82 0.23 -20.01	25.61 0.28 -20.24	27.56 0.27 -22.20	27.97 0.28 -22.60	26.41 0.30 -20.77	21.16 0.25 -16.06	19.59 0.21 -15.39
CH_MIDHUDSON___DRP 24192	20.94 0.31 -14.91	19.79 0.26 -14.74	18.43 0.23 -13.65	17.62 0.23 -12.80	17.51 0.22 -12.93	18.40 0.23 -13.57	18.88 0.23 -14.25	19.75 0.27 -14.39	20.46 0.45 -11.82	22.42 0.45 -14.12	22.43 0.44 -14.29	22.66 0.44 -14.43	22.82 0.44 -14.65	22.53 0.29 -17.07	22.48 0.29 -17.09	22.49 0.29 -17.11	23.28 0.25 -18.44	26.73 0.25 -21.90	27.54 0.30 -22.15	29.68 0.30 -24.29	30.13 0.31 -24.73	28.40 0.33 -22.73	22.70 0.27 -17.58	21.06 0.23 -16.85
CH_MISC_IPPS 23765	20.69 0.34 -14.63	19.54 0.28 -14.46	18.19 0.25 -13.39	17.40 0.25 -12.56	17.28 0.24 -12.69	18.16 0.25 -13.32	18.63 0.24 -13.99	19.50 0.29 -14.12	20.27 0.48 -11.60	22.21 0.49 -13.88	22.23 0.48 -14.06	22.43 0.48 -14.17	22.60 0.47 -14.39	22.25 0.32 -16.77	22.21 0.32 -16.80	22.21 0.32 -16.81	22.98 0.27 -18.12	26.38 0.27 -21.53	27.19 0.32 -21.77	29.30 0.32 -23.88	29.75 0.35 -24.31	28.06 0.37 -22.34	22.44 0.30 -17.29	20.80 0.26 -16.56
CH_RES_BVR_FALLS 23983	-0.22 -0.26 5.68	0.57 -0.22 4.01	1.71 -0.21 2.64	4.39 -0.21 0.00	4.16 -0.20 0.00	4.39 -0.20 0.00	4.21 -0.19 0.00	4.89 -0.21 0.00	7.85 -0.34 0.00	7.54 -0.31 0.00	7.42 -0.28 0.00	7.51 -0.27 0.00	7.48 -0.26 0.00	5.01 -0.16 0.00	4.95 -0.14 0.00	4.95 -0.14 0.00	4.47 -0.11 0.00	4.47 -0.11 0.00	4.98 -0.11 0.00	4.98 -0.11 0.00	4.97 -0.12 0.00	5.18 -0.16 0.00	4.69 -0.16 0.00	3.84 -0.14 0.00

CH_RES_NIAGARA 23895	8.08 -0.21 -2.57	7.13 -0.20 -2.54	6.72 -0.18 -2.35	6.62 -0.17 -2.20	6.40 -0.19 -2.22	6.77 -0.16 -2.34	6.69 -0.16 -2.45	7.39 -0.17 -2.46	9.91 -0.30 -2.03	9.97 -0.30 -2.42	9.83 -0.32 -2.45	9.96 -0.30 -2.48	9.93 -0.32 -2.51	7.92 -0.17 -2.93	7.83 -0.19 -2.93	7.80 -0.23 -2.93	7.54 -0.20 -3.16	8.14 -0.19 -3.75	8.69 -0.20 -3.79	9.04 -0.22 -4.16	9.04 -0.25 -4.20	8.98 -0.22 -3.86	7.69 -0.17 -3.01	6.73 -0.16 -2.90
CH_RES_SYRACUSE 23985	7.54 0.02 -1.80	6.57 0.00 -1.78	6.21 0.00 -1.65	6.15 0.01 -1.55	5.92 0.00 -1.56	6.23 0.00 -1.64	6.11 -0.01 -1.72	6.83 -0.01 -1.74	9.62 0.00 -1.43	9.54 -0.01 -1.71	9.41 -0.02 -1.73	9.52 -0.01 -1.75	9.50 -0.01 -1.77	7.23 -0.01 -2.07	7.15 -0.02 -2.07	7.14 -0.02 -2.07	6.80 -0.02 -2.23	7.20 -0.03 -2.65	7.76 -0.02 -2.68	8.01 -0.03 -2.94	8.05 -0.04 -2.99	8.07 -0.03 -2.75	6.96 -0.01 -2.13	6.02 -0.01 -2.04
CLINTON_WT_PWR 323605	2.34 -0.40 2.98	2.36 -0.33 2.10	2.90 -0.27 1.38	4.35 -0.25 0.00	4.17 -0.19 0.00	4.41 -0.17 0.00	4.27 -0.12 0.00	4.98 -0.12 0.00	8.03 -0.16 0.00	7.76 -0.09 0.00	7.65 -0.05 0.00	7.71 -0.08 0.00	7.63 -0.10 0.00	5.08 -0.08 0.00	5.02 -0.08 0.00	4.98 -0.11 0.00	4.48 -0.11 0.00	4.50 -0.08 0.00	5.00 -0.10 0.00	5.00 -0.10 0.00	5.00 -0.09 0.00	5.20 -0.14 0.00	4.70 -0.15 0.00	3.84 -0.14 0.00
CLINTON___LFGE 323618	2.39 -0.37 2.97	2.39 -0.31 2.09	2.94 -0.24 1.38	4.38 -0.22 0.00	4.20 -0.17 0.00	4.45 -0.14 0.00	4.30 -0.09 0.00	5.03 -0.07 0.00	8.12 -0.07 0.00	7.83 -0.02 0.00	7.72 0.02 0.00	7.77 -0.02 0.00	7.70 -0.04 0.00	5.12 -0.05 0.00	5.06 -0.04 0.00	5.02 -0.07 0.00	4.51 -0.07 0.00	4.54 -0.04 0.00	5.05 -0.05 0.00	5.05 -0.05 0.00	5.05 -0.04 0.00	5.25 -0.09 0.00	4.74 -0.11 0.00	3.87 -0.12 0.00
COBBLENY_34_KV_TB1 80064	8.47 -0.10 -2.85	7.50 -0.11 -2.82	7.06 -0.10 -2.61	6.96 -0.09 -2.45	6.73 -0.10 -2.47	7.12 -0.06 -2.60	7.06 -0.07 -2.73	7.79 -0.06 -2.75	10.35 -0.10 -2.26	10.45 -0.10 -2.70	10.31 -0.13 -2.74	10.45 -0.10 -2.76	10.42 -0.12 -2.80	8.38 -0.06 -3.27	8.29 -0.08 -3.27	8.24 -0.13 -3.28	8.01 -0.11 -3.53	8.67 -0.10 -4.19	9.24 -0.09 -4.24	9.61 -0.13 -4.65	9.66 -0.16 -4.73	9.56 -0.13 -4.35	8.13 -0.08 -3.37	7.13 -0.08 -3.23
COFFEEN___115KV_TB3 355620	6.17 0.03 -0.42	5.38 0.01 -0.58	5.19 0.00 -0.64	5.44 0.00 -0.85	5.23 0.01 -0.86	5.50 0.02 -0.90	5.36 0.02 -0.94	6.09 0.04 -0.95	9.01 0.04 -0.78	8.77 -0.01 -0.94	8.63 -0.02 -0.95	8.70 -0.04 -0.96	8.68 -0.02 -0.97	6.27 -0.03 -1.13	6.16 -0.07 -1.13	6.17 -0.05 -1.13	5.77 -0.04 -1.22	6.00 -0.03 -1.45	6.58 0.02 -1.47	6.74 0.04 -1.61	6.77 0.04 -1.64	6.88 0.03 -1.51	6.05 0.03 -1.17	5.12 0.02 -1.12
COLDSPRG_115KV_BK1 355956	8.65 -0.05 -2.99	7.68 -0.06 -2.95	7.24 -0.05 -2.73	7.13 -0.03 -2.56	6.93 -0.02 -2.59	7.33 0.03 -2.72	7.28 0.03 -2.85	8.04 0.06 -2.88	10.67 0.11 -2.37	10.79 0.11 -2.83	10.63 0.06 -2.87	10.78 0.10 -2.89	10.73 0.05 -2.94	8.63 0.04 -3.42	8.52 -0.01 -3.43	8.46 -0.07 -3.43	8.23 -0.05 -3.70	8.93 -0.04 -4.39	9.51 -0.03 -4.44	9.91 -0.06 -4.87	9.96 -0.09 -4.96	9.85 -0.05 -4.56	8.36 -0.01 -3.53	7.34 -0.03 -3.38
COLONIE_LFGE___ 323577	24.47 0.25 -18.50	23.28 0.21 -18.29	21.68 0.19 -16.93	20.67 0.20 -15.88	20.59 0.19 -16.04	21.63 0.20 -16.84	22.27 0.19 -17.69	23.17 0.22 -17.85	23.25 0.39 -14.67	25.75 0.36 -17.55	25.82 0.35 -17.77	26.10 0.37 -17.94	26.31 0.36 -18.22	26.64 0.24 -21.23	26.59 0.23 -21.26	26.60 0.23 -21.28	27.74 0.22 -22.94	32.01 0.21 -27.22	32.86 0.23 -27.53	35.52 0.23 -30.20	36.06 0.22 -30.74	33.83 0.23 -28.25	26.93 0.22 -21.85	25.09 0.16 -20.94
COOPERNY_115KV_TB1 80082	17.03 0.22 -11.09	15.93 0.18 -10.96	14.87 0.16 -10.15	14.28 0.16 -9.52	14.13 0.15 -9.62	14.85 0.16 -10.10	15.16 0.16 -10.60	15.99 0.19 -10.70	17.30 0.32 -8.79	18.68 0.31 -10.52	18.66 0.31 -10.65	18.84 0.30 -10.75	18.96 0.31 -10.92	18.09 0.20 -12.72	18.04 0.20 -12.74	18.04 0.20 -12.75	18.50 0.17 -13.74	21.07 0.17 -16.32	21.81 0.21 -16.51	23.40 0.20 -18.10	23.73 0.21 -18.43	22.51 0.22 -16.94	18.14 0.19 -13.10	16.70 0.16 -12.56
COPENHAGEN_WT_PWR 323753	6.20 -0.01 -0.48	5.40 -0.02 -0.63	5.21 -0.03 -0.68	5.44 -0.03 -0.88	5.23 -0.02 -0.88	5.50 -0.01 -0.93	5.36 -0.01 -0.97	6.08 -0.01 -0.98	8.98 -0.02 -0.81	8.76 -0.05 -0.97	8.63 -0.05 -0.98	8.70 -0.07 -0.99	8.68 -0.05 -1.00	6.28 -0.05 -1.17	6.18 -0.09 -1.17	6.20 -0.07 -1.17	5.79 -0.05 -1.26	6.03 -0.05 -1.50	6.60 -0.02 -1.52	6.76 -0.01 -1.66	6.79 0.00 -1.69	6.89 -0.01 -1.56	6.05 0.00 -1.20	5.13 -0.01 -1.15
CORNELL___ 23752	9.36 0.14 -3.50	8.35 0.10 -3.46	7.85 0.10 -3.20	7.70 0.10 -3.00	7.49 0.09 -3.03	7.88 0.11 -3.19	7.84 0.10 -3.34	8.59 0.12 -3.38	11.16 0.20 -2.77	11.34 0.17 -3.32	11.22 0.16 -3.36	11.34 0.16 -3.39	11.33 0.15 -3.44	9.28 0.10 -4.01	9.20 0.09 -4.02	9.20 0.09 -4.02	9.01 0.09 -4.34	9.80 0.08 -5.15	10.42 0.11 -5.21	10.91 0.10 -5.71	11.00 0.09 -5.81	10.80 0.11 -5.34	9.10 0.11 -4.13	8.04 0.10 -3.96
CORONA_AV_69_KV_TB1 355595	25.40 0.48 -19.20	22.63 0.40 -17.44	20.19 0.36 -15.27	19.98 0.36 -15.03	19.98 0.34 -15.28	21.05 0.36 -16.11	21.93 0.36 -17.17	22.34 0.42 -16.82	27.95 0.69 -19.08	29.78 0.67 -21.27	32.95 0.65 -24.61	38.45 0.65 -30.02	34.52 0.65 -26.14	34.84 0.43 -29.24	33.27 0.43 -27.74	31.96 0.43 -26.44	30.84 0.37 -25.89	34.48 0.39 -29.52	36.41 0.46 -30.85	38.83 0.45 -33.29	47.59 0.45 -42.05	35.06 0.47 -29.25	28.21 0.41 -22.95	25.73 0.35 -21.40
CORTLAND_115KV_TB3 80093	8.70 0.09 -2.89	7.71 0.06 -2.86	7.26 0.06 -2.65	7.14 0.06 -2.48	6.93 0.06 -2.51	7.29 0.06 -2.64	7.22 0.06 -2.77	7.96 0.07 -2.79	10.60 0.11 -2.29	10.68 0.09 -2.75	10.57 0.09 -2.78	10.69 0.10 -2.81	10.68 0.09 -2.85	8.55 0.06 -3.32	8.47 0.05 -3.32	8.46 0.04 -3.33	8.22 0.05 -3.59	8.87 0.04 -4.26	9.46 0.06 -4.31	9.87 0.05 -4.72	9.94 0.04 -4.81	9.82 0.06 -4.42	8.33 0.06 -3.42	7.31 0.05 -3.28
COXSACKIE___GT 23611	23.23 0.38 -17.13	22.03 0.30 -16.94	20.51 0.27 -15.68	19.58 0.28 -14.71	19.48 0.26 -14.86	20.48 0.29 -15.60	21.03 0.25 -16.38	21.93 0.30 -16.54	22.33 0.55 -13.59	24.66 0.56 -16.26	24.67 0.51 -16.46	24.92 0.53 -16.61	25.09 0.50 -16.86	25.14 0.32 -19.65	25.09 0.32 -19.68	25.11 0.33 -19.69	26.13 0.32 -21.23	30.09 0.30 -25.22	30.93 0.34 -25.50	33.42 0.35 -27.97	33.97 0.41 -28.48	31.94 0.43 -26.17	25.45 0.35 -20.24	23.65 0.27 -19.40
CPV_VALLEY___CC1 323721	18.68 0.25 -12.71	17.56 0.21 -12.56	16.37 0.19 -11.63	15.69 0.18 -10.91	15.55 0.17 -11.02	16.34 0.18 -11.57	16.73 0.18 -12.15	17.58 0.22 -12.26	18.63 0.37 -10.08	20.26 0.36 -12.05	20.26 0.35 -12.21	20.45 0.35 -12.32	20.60 0.36 -12.51	19.98 0.24 -14.58	19.93 0.23 -14.60	19.93 0.23 -14.61	20.53 0.20 -15.75	23.48 0.21 -18.70	24.25 0.24 -18.91	26.08 0.24 -20.74	26.45 0.24 -21.12	25.01 0.26 -19.41	20.08 0.22 -15.01	18.56 0.19 -14.38

CPV_VALLEY___CC2 323722	18.68 0.25 -12.71	17.56 0.21 -12.56	16.37 0.19 -11.63	15.69 0.18 -10.91	15.55 0.17 -11.02	16.34 0.18 -11.57	16.73 0.18 -12.15	17.58 0.22 -12.26	18.63 0.37 -10.08	20.26 0.36 -12.05	20.26 0.35 -12.21	20.45 0.35 -12.32	20.60 0.36 -12.51	19.98 0.24 -14.58	19.93 0.23 -14.60	19.93 0.23 -14.61	20.53 0.20 -15.75	23.48 0.21 -18.70	24.25 0.24 -18.91	26.08 0.24 -20.74	26.45 0.24 -21.12	25.01 0.26 -19.41	20.08 0.22 -15.01	18.56 0.19 -14.38
CRESCENT___HYD 24018	24.47 0.25 -18.50	23.28 0.21 -18.29	21.68 0.19 -16.93	20.67 0.20 -15.88	20.59 0.19 -16.04	21.63 0.20 -16.84	22.27 0.19 -17.69	23.17 0.22 -17.85	23.25 0.39 -14.67	25.75 0.36 -17.55	25.82 0.35 -17.77	26.10 0.37 -17.94	26.31 0.36 -18.22	26.64 0.24 -21.23	26.59 0.23 -21.26	26.60 0.23 -21.28	27.74 0.22 -22.94	32.01 0.21 -27.22	32.86 0.23 -27.53	35.52 0.23 -30.20	36.06 0.22 -30.74	33.83 0.23 -28.25	26.93 0.22 -21.85	25.09 0.16 -20.94
CRICKET___VALLEY_CC1 323756	21.50 0.25 -15.53	20.36 0.22 -15.35	18.97 0.20 -14.22	18.13 0.20 -13.33	18.02 0.19 -13.47	18.93 0.20 -14.14	19.45 0.20 -14.85	20.32 0.23 -14.99	20.89 0.38 -12.32	22.93 0.35 -14.74	22.98 0.36 -14.92	23.20 0.36 -15.06	23.38 0.36 -15.29	23.23 0.24 -17.82	23.17 0.23 -17.84	23.18 0.23 -17.85	24.04 0.21 -19.25	27.64 0.20 -22.86	28.45 0.23 -23.12	30.68 0.23 -25.35	31.13 0.23 -25.81	29.31 0.24 -23.72	23.42 0.22 -18.35	21.74 0.17 -17.58
CRICKET___VALLEY_CC2 323757	21.50 0.25 -15.53	20.36 0.22 -15.35	18.97 0.20 -14.22	18.13 0.20 -13.33	18.02 0.19 -13.47	18.93 0.20 -14.14	19.45 0.20 -14.85	20.32 0.23 -14.99	20.89 0.38 -12.32	22.93 0.35 -14.74	22.98 0.36 -14.92	23.20 0.36 -15.06	23.38 0.36 -15.29	23.23 0.24 -17.82	23.17 0.23 -17.84	23.18 0.23 -17.85	24.04 0.21 -19.25	27.64 0.20 -22.86	28.45 0.23 -23.12	30.68 0.23 -25.35	31.13 0.23 -25.81	29.31 0.24 -23.72	23.42 0.22 -18.35	21.74 0.17 -17.58
CRICKET___VALLEY_CC3 323758	21.50 0.25 -15.53	20.36 0.22 -15.35	18.97 0.20 -14.22	18.13 0.20 -13.33	18.02 0.19 -13.47	18.93 0.20 -14.14	19.45 0.20 -14.85	20.32 0.23 -14.99	20.89 0.38 -12.32	22.93 0.35 -14.74	22.98 0.36 -14.92	23.20 0.36 -15.06	23.38 0.36 -15.29	23.23 0.24 -17.82	23.17 0.23 -17.84	23.18 0.23 -17.85	24.04 0.21 -19.25	27.64 0.20 -22.86	28.45 0.23 -23.12	30.68 0.23 -25.35	31.13 0.23 -25.81	29.31 0.24 -23.72	23.42 0.22 -18.35	21.74 0.17 -17.58
CRUCIBLE_METL_DRP 24180	7.54 0.02 -1.80	6.57 0.00 -1.78	6.21 0.00 -1.65	6.15 0.01 -1.55	5.92 0.00 -1.56	6.23 0.00 -1.64	6.11 -0.01 -1.72	6.83 -0.01 -1.74	9.62 0.00 -1.43	9.54 -0.02 -1.71	9.41 -0.02 -1.73	9.52 -0.01 -1.75	9.50 -0.01 -1.77	7.23 -0.01 -2.07	7.15 -0.02 -2.07	7.13 -0.03 -2.07	6.80 -0.02 -2.23	7.20 -0.03 -2.65	7.76 -0.02 -2.68	8.01 -0.03 -2.94	8.04 -0.04 -2.99	8.07 -0.03 -2.75	6.96 -0.01 -2.13	6.02 -0.01 -2.04
DAHOWA___HYDRO 323763	24.88 0.30 -18.86	23.67 0.23 -18.64	22.04 0.22 -17.26	21.01 0.23 -16.19	20.92 0.21 -16.35	21.99 0.22 -17.17	22.64 0.21 -18.03	23.55 0.25 -18.20	23.60 0.46 -14.95	26.19 0.45 -17.89	26.24 0.42 -18.12	26.54 0.45 -18.30	26.77 0.45 -18.59	27.12 0.29 -21.66	27.08 0.29 -21.69	27.08 0.28 -21.71	28.26 0.27 -23.40	32.61 0.28 -27.75	33.46 0.30 -28.07	36.19 0.31 -30.78	36.73 0.30 -31.34	34.45 0.30 -28.80	27.41 0.28 -22.28	25.53 0.20 -21.35
DANC___LFGE 323619	6.53 -0.02 -0.83	5.68 -0.03 -0.93	5.44 -0.04 -0.93	5.59 -0.04 -1.03	5.36 -0.04 -1.04	5.65 -0.03 -1.09	5.51 -0.03 -1.14	6.22 -0.03 -1.16	9.09 -0.05 -0.95	8.91 -0.07 -1.14	8.77 -0.08 -1.15	8.85 -0.09 -1.16	8.84 -0.08 -1.18	6.48 -0.06 -1.37	6.39 -0.09 -1.38	6.39 -0.08 -1.38	6.00 -0.06 -1.48	6.27 -0.07 -1.76	6.83 -0.05 -1.78	7.00 -0.05 -1.95	7.03 -0.05 -1.99	7.12 -0.05 -1.83	6.23 -0.03 -1.41	5.31 -0.03 -1.36
DANSKAMMER___1 23586	20.69 0.34 -14.63	19.54 0.28 -14.46	18.19 0.25 -13.39	17.40 0.25 -12.56	17.28 0.24 -12.69	18.16 0.25 -13.32	18.63 0.24 -13.99	19.50 0.29 -14.12	20.27 0.48 -11.60	22.21 0.49 -13.88	22.23 0.48 -14.06	22.43 0.48 -14.17	22.60 0.47 -14.39	22.25 0.32 -16.77	22.21 0.32 -16.80	22.21 0.32 -16.81	22.98 0.27 -18.12	26.38 0.27 -21.53	27.19 0.32 -21.77	29.30 0.32 -23.88	29.75 0.35 -24.31	28.06 0.37 -22.34	22.44 0.30 -17.29	20.80 0.26 -16.56
DANSKAMMER___2 23589	20.69 0.34 -14.63	19.54 0.28 -14.46	18.19 0.25 -13.39	17.40 0.25 -12.56	17.28 0.24 -12.69	18.16 0.25 -13.32	18.63 0.24 -13.99	19.50 0.29 -14.12	20.27 0.48 -11.60	22.21 0.49 -13.88	22.23 0.48 -14.06	22.43 0.48 -14.17	22.60 0.47 -14.39	22.25 0.32 -16.77	22.21 0.32 -16.80	22.21 0.32 -16.81	22.98 0.27 -18.12	26.38 0.27 -21.53	27.19 0.32 -21.77	29.30 0.32 -23.88	29.75 0.35 -24.31	28.06 0.37 -22.34	22.44 0.30 -17.29	20.80 0.26 -16.56
DANSKAMMER___3 23590	20.69 0.34 -14.63	19.54 0.28 -14.46	18.19 0.25 -13.39	17.40 0.25 -12.56	17.28 0.24 -12.69	18.16 0.25 -13.32	18.63 0.24 -13.99	19.50 0.29 -14.12	20.27 0.48 -11.60	22.21 0.49 -13.88	22.23 0.48 -14.06	22.43 0.48 -14.17	22.60 0.47 -14.39	22.25 0.32 -16.77	22.21 0.32 -16.80	22.21 0.32 -16.81	22.98 0.27 -18.12	26.38 0.27 -21.53	27.19 0.32 -21.77	29.30 0.32 -23.88	29.75 0.35 -24.31	28.06 0.37 -22.34	22.44 0.30 -17.29	20.80 0.26 -16.56
DANSKAMMER___4 23591	20.69 0.34 -14.63	19.54 0.28 -14.46	18.19 0.25 -13.39	17.40 0.25 -12.56	17.28 0.24 -12.69	18.16 0.25 -13.32	18.63 0.24 -13.99	19.50 0.29 -14.12	20.27 0.48 -11.60	22.21 0.49 -13.88	22.23 0.48 -14.06	22.43 0.48 -14.17	22.60 0.47 -14.39	22.25 0.32 -16.77	22.21 0.32 -16.80	22.21 0.32 -16.81	22.98 0.27 -18.12	26.38 0.27 -21.53	27.19 0.32 -21.77	29.30 0.32 -23.88	29.75 0.35 -24.31	28.06 0.37 -22.34	22.44 0.30 -17.29	20.80 0.26 -16.56
DANSKAMMER___DIESEL 23592	20.69 0.34 -14.63	19.54 0.28 -14.46	18.19 0.25 -13.39	17.40 0.25 -12.56	17.28 0.24 -12.69	18.16 0.25 -13.32	18.63 0.24 -13.99	19.50 0.29 -14.12	20.27 0.48 -11.60	22.21 0.49 -13.87	22.22 0.48 -14.04	22.43 0.47 -14.17	22.60 0.47 -14.39	22.25 0.32 -16.77	22.21 0.32 -16.80	22.21 0.32 -16.81	22.98 0.27 -18.12	26.37 0.27 -21.51	27.18 0.32 -21.76	29.28 0.32 -23.87	29.73 0.34 -24.30	28.04 0.37 -22.33	22.42 0.30 -17.27	20.79 0.25 -16.55
DARBY___SOLAR 323810	24.82 0.29 -18.81	23.61 0.23 -18.59	21.99 0.22 -17.22	20.96 0.22 -16.14	20.87 0.20 -16.31	21.93 0.22 -17.13	22.61 0.21 -18.00	23.52 0.25 -18.17	23.57 0.45 -14.93	26.15 0.45 -17.86	26.21 0.42 -18.09	26.49 0.45 -18.25	26.71 0.44 -18.53	27.05 0.29 -21.60	27.01 0.29 -21.63	27.02 0.28 -21.65	28.18 0.27 -23.34	32.55 0.27 -27.71	33.37 0.29 -27.99	36.09 0.30 -30.70	36.63 0.29 -31.25	34.36 0.29 -28.72	27.34 0.27 -22.22	25.47 0.19 -21.29
DASHVILLE___HYD 23610	20.86 0.25 -14.90	19.73 0.21 -14.73	18.36 0.17 -13.64	17.56 0.17 -12.79	17.44 0.16 -12.92	18.33 0.17 -13.57	18.81 0.18 -14.24	19.68 0.20 -14.37	20.35 0.35 -11.81	22.34 0.35 -14.15	22.36 0.33 -14.32	22.57 0.33 -14.46	22.75 0.33 -14.68	22.50 0.22 -17.11	22.45 0.22 -17.13	22.45 0.22 -17.14	23.24 0.18 -18.48	26.71 0.18 -21.94	27.53 0.23 -22.20	29.67 0.22 -24.35	30.13 0.25 -24.79	28.40 0.27 -22.78	22.69 0.21 -17.62	21.07 0.20 -16.89

DEERFIELD_69_KV_DEERFIELD LD 355887	25.54 0.62 -19.20	22.75 0.52 -17.44	20.31 0.49 -15.27	20.11 0.48 -15.03	20.10 0.45 -15.28	21.18 0.48 -16.11	22.03 0.47 -17.17	22.47 0.55 -16.82	28.20 0.93 -19.08	30.16 1.04 -21.27	33.31 1.01 -24.61	38.83 1.03 -30.02	34.88 1.01 -26.14	35.05 0.65 -29.24	33.52 0.68 -27.74	32.19 0.66 -26.44	31.04 0.57 -25.89	34.71 0.62 -29.52	36.66 0.71 -30.85	39.08 0.69 -33.29	47.84 0.70 -42.05	35.30 0.71 -29.25	28.38 0.57 -22.95	25.86 0.47 -21.40
DELAWARE___LFGE 323621	12.04 0.18 -6.14	11.01 0.15 -6.07	10.31 0.14 -5.62	10.01 0.14 -5.27	9.82 0.14 -5.32	10.32 0.15 -5.59	10.41 0.14 -5.87	11.19 0.17 -5.93	13.34 0.28 -4.87	13.94 0.27 -5.83	13.87 0.27 -5.90	14.01 0.27 -5.95	14.04 0.26 -6.05	12.39 0.18 -7.05	12.32 0.17 -7.06	12.31 0.16 -7.06	12.34 0.14 -7.61	13.76 0.14 -9.04	14.41 0.17 -9.14	15.29 0.17 -10.02	15.46 0.17 -10.20	14.90 0.18 -9.38	12.26 0.16 -7.25	11.06 0.13 -6.95
DERFIELD_115KV_TB7 355931	5.87 0.02 -0.13	4.89 0.01 -0.09	4.63 0.01 -0.06	4.61 0.01 0.00	4.37 0.01 0.00	4.60 0.01 0.00	4.40 0.00 0.00	5.11 0.01 0.00	8.21 0.02 0.00	7.86 0.02 0.00	7.71 0.02 0.00	7.80 0.02 0.00	7.75 0.02 0.00	5.18 0.01 0.00	5.11 0.01 0.00	5.10 0.01 0.00	4.59 0.00 0.00	4.58 0.00 0.00	5.11 0.01 0.00	5.11 0.01 0.00	5.10 0.01 0.00	5.35 0.01 0.00	4.86 0.01 0.00	3.99 0.01 0.00
DOGLEVILLE___HYD 23807	5.81 -0.04 -0.13	4.85 -0.03 -0.09	4.58 -0.04 -0.06	4.56 -0.04 0.00	4.33 -0.04 0.00	4.54 -0.05 0.00	4.34 -0.05 0.00	5.05 -0.05 0.00	8.12 -0.07 0.00	7.73 -0.11 0.00	7.61 -0.09 0.00	7.68 -0.10 0.00	7.63 -0.10 0.00	5.09 -0.07 0.00	5.02 -0.08 0.00	5.01 -0.08 0.00	4.51 -0.07 0.00	4.51 -0.06 0.00	5.03 -0.07 0.00	5.02 -0.08 0.00	5.02 -0.07 0.00	5.27 -0.07 0.00	4.81 -0.04 0.00	3.95 -0.04 0.00
DUNKIRK___115KV_TB_200 55889	8.53 -0.06 -2.88	7.56 -0.08 -2.84	7.12 -0.06 -2.63	7.02 -0.05 -2.47	6.81 -0.05 -2.49	7.20 0.00 -2.62	7.14 -0.01 -2.75	7.89 0.02 -2.78	10.49 0.02 -2.28	10.60 0.02 -2.73	10.45 -0.02 -2.76	10.60 0.02 -2.79	10.55 -0.02 -2.83	8.47 0.01 -3.30	8.37 -0.03 -3.30	8.32 -0.08 -3.31	8.08 -0.07 -3.56	8.75 -0.06 -4.23	9.33 -0.05 -4.28	9.70 -0.09 -4.69	9.76 -0.11 -4.78	9.66 -0.07 -4.39	8.21 -0.03 -3.40	7.20 -0.04 -3.26
DUNKIRK___1 23563	8.53 -0.06 -2.88	7.56 -0.08 -2.84	7.12 -0.06 -2.63	7.02 -0.05 -2.47	6.81 -0.05 -2.49	7.20 0.00 -2.62	7.14 -0.01 -2.75	7.89 0.02 -2.78	10.49 0.02 -2.28	10.60 0.02 -2.73	10.45 -0.02 -2.76	10.60 0.02 -2.79	10.55 -0.02 -2.83	8.47 0.01 -3.30	8.37 -0.03 -3.30	8.32 -0.08 -3.31	8.08 -0.07 -3.56	8.75 -0.06 -4.23	9.33 -0.05 -4.28	9.70 -0.09 -4.69	9.76 -0.11 -4.78	9.66 -0.07 -4.39	8.21 -0.03 -3.40	7.20 -0.04 -3.26
DUNKIRK___2 23564	8.53 -0.06 -2.88	7.56 -0.08 -2.84	7.12 -0.06 -2.63	7.02 -0.05 -2.47	6.81 -0.05 -2.49	7.20 0.00 -2.62	7.14 -0.01 -2.75	7.89 0.02 -2.78	10.49 0.02 -2.28	10.60 0.02 -2.73	10.45 -0.02 -2.76	10.60 0.02 -2.79	10.55 -0.02 -2.83	8.47 0.01 -3.30	8.37 -0.03 -3.30	8.32 -0.08 -3.31	8.08 -0.07 -3.56	8.75 -0.06 -4.23	9.33 -0.05 -4.28	9.70 -0.09 -4.69	9.76 -0.11 -4.78	9.66 -0.07 -4.39	8.21 -0.03 -3.40	7.20 -0.04 -3.26
DUNKIRK___3 23565	8.51 -0.06 -2.85	7.53 -0.08 -2.82	7.10 -0.07 -2.61	7.00 -0.05 -2.45	6.78 -0.06 -2.47	7.17 -0.02 -2.60	7.10 -0.02 -2.73	7.85 0.00 -2.75	10.44 -0.01 -2.26	10.54 -0.01 -2.71	10.40 -0.04 -2.74	10.54 -0.01 -2.77	10.50 -0.04 -2.81	8.43 -0.01 -3.27	8.33 -0.04 -3.28	8.28 -0.09 -3.28	8.04 -0.07 -3.54	8.71 -0.06 -4.20	9.29 -0.05 -4.25	9.66 -0.09 -4.66	9.71 -0.12 -4.74	9.62 -0.08 -4.35	8.18 -0.04 -3.37	7.17 -0.05 -3.23
DUNKIRK___4 23566	8.51 -0.06 -2.85	7.53 -0.08 -2.82	7.10 -0.07 -2.61	7.00 -0.05 -2.45	6.78 -0.06 -2.47	7.17 -0.02 -2.60	7.10 -0.02 -2.73	7.85 0.00 -2.75	10.44 -0.01 -2.26	10.54 -0.01 -2.71	10.40 -0.04 -2.74	10.54 -0.01 -2.77	10.50 -0.04 -2.81	8.43 -0.01 -3.27	8.33 -0.04 -3.28	8.28 -0.09 -3.28	8.04 -0.07 -3.54	8.71 -0.06 -4.20	9.29 -0.05 -4.25	9.66 -0.09 -4.66	9.71 -0.12 -4.74	9.62 -0.08 -4.35	8.18 -0.04 -3.37	7.17 -0.05 -3.23
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.77 0.35 -14.69	19.61 0.29 -14.52	18.27 0.26 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.22 0.25 -13.38	18.70 0.26 -14.05	19.58 0.30 -14.18	20.35 0.51 -11.65	22.29 0.51 -13.94	22.31 0.49 -14.11	22.52 0.49 -14.24	22.69 0.49 -14.46	22.35 0.33 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.07 0.28 -18.21	26.49 0.29 -21.62	27.31 0.35 -21.87	29.42 0.34 -23.98	29.85 0.34 -24.42	28.14 0.36 -22.44	22.51 0.30 -17.36	20.88 0.26 -16.63
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.21 0.31 -14.18	19.07 0.26 -14.02	17.77 0.23 -12.98	17.00 0.23 -12.18	16.87 0.21 -12.30	17.73 0.23 -12.92	18.18 0.22 -13.56	19.04 0.26 -13.69	19.89 0.45 -11.25	21.74 0.45 -13.45	21.75 0.43 -13.62	21.97 0.44 -13.75	22.13 0.43 -13.96	21.72 0.29 -16.27	21.67 0.29 -16.29	21.68 0.29 -16.30	22.40 0.25 -17.58	25.70 0.25 -20.87	26.50 0.30 -21.11	28.54 0.29 -23.15	28.97 0.31 -23.57	27.33 0.33 -21.66	21.88 0.27 -16.75	20.27 0.23 -16.05
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.77 0.35 -14.69	19.60 0.29 -14.52	18.26 0.26 -13.45	17.44 0.23 -12.61	17.33 0.23 -12.74	18.19 0.22 -13.38	18.68 0.23 -14.05	19.55 0.27 -14.18	20.31 0.47 -11.65	22.24 0.46 -13.94	22.26 0.45 -14.11	22.47 0.44 -14.24	22.65 0.46 -14.46	22.32 0.30 -16.85	22.28 0.31 -16.88	22.28 0.30 -16.89	23.04 0.25 -18.21	26.47 0.27 -21.62	27.30 0.34 -21.87	29.40 0.32 -23.98	29.83 0.33 -24.42	28.12 0.34 -22.44	22.49 0.28 -17.36	20.87 0.25 -16.63
E179THST_13_KV_LOAD 356214	20.78 0.37 -14.69	19.62 0.31 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.20 0.24 -13.38	18.69 0.25 -14.05	19.57 0.29 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.47 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.32 0.36 -21.87	29.42 0.34 -23.98	29.85 0.35 -24.42	28.15 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
EAST HAMPTON___GT 23717	25.61 0.69 -19.20	22.81 0.57 -17.44	20.36 0.54 -15.27	20.16 0.53 -15.03	20.15 0.51 -15.28	21.23 0.54 -16.11	22.09 0.52 -17.17	22.53 0.61 -16.82	28.31 1.04 -19.08	30.22 1.11 -21.27	33.45 1.14 -24.61	38.97 1.17 -30.02	35.01 1.14 -26.14	35.13 0.73 -29.24	33.60 0.76 -27.74	32.28 0.75 -26.44	31.12 0.65 -25.89	34.79 0.70 -29.52	36.75 0.80 -30.85	39.17 0.79 -33.29	47.93 0.79 -42.05	35.39 0.80 -29.25	28.44 0.64 -22.95	25.92 0.53 -21.40
EAST RIVER___6 23660	20.78 0.37 -14.69	19.62 0.30 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.34 0.24 -12.74	18.22 0.25 -13.38	18.70 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.53 0.50 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.35 -16.88	22.32 0.34 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63

EAST_RIVER___7 23524	20.78 0.37 -14.69	19.62 0.30 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.34 0.24 -12.74	18.22 0.25 -13.38	18.70 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.53 0.50 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.35 -16.88	22.32 0.34 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.72 0.34 -14.66	19.57 0.28 -14.49	18.23 0.26 -13.42	17.43 0.25 -12.59	17.31 0.23 -12.72	18.19 0.25 -13.35	18.67 0.25 -14.02	19.54 0.29 -14.15	20.31 0.49 -11.63	22.24 0.49 -13.91	22.26 0.48 -14.08	22.47 0.47 -14.21	22.65 0.48 -14.43	22.31 0.32 -16.82	22.26 0.32 -16.84	22.26 0.32 -16.86	23.02 0.27 -18.17	26.44 0.28 -21.58	27.26 0.34 -21.82	29.36 0.33 -23.94	29.79 0.33 -24.37	28.08 0.35 -22.39	22.47 0.30 -17.32	20.84 0.25 -16.60
EAST_HAMPTON___DIESEL 23722	25.61 0.69 -19.20	22.81 0.57 -17.44	20.36 0.54 -15.27	20.16 0.54 -15.03	20.15 0.51 -15.28	21.23 0.54 -16.11	22.09 0.52 -17.17	22.53 0.61 -16.82	28.31 1.04 -19.08	30.22 1.11 -21.27	33.45 1.15 -24.61	38.98 1.18 -30.02	35.01 1.14 -26.14	35.13 0.73 -29.24	33.60 0.76 -27.74	32.28 0.75 -26.44	31.12 0.65 -25.89	34.79 0.70 -29.52	36.75 0.80 -30.85	39.17 0.79 -33.29	47.93 0.79 -42.05	35.39 0.80 -29.25	28.44 0.64 -22.95	25.92 0.53 -21.40
EAST_PULASKI___ESR 323781	6.87 -0.03 -1.19	5.98 -0.04 -1.23	5.68 -0.04 -1.17	5.74 -0.04 -1.18	5.51 -0.04 -1.19	5.79 -0.05 -1.25	5.66 -0.05 -1.31	6.37 -0.05 -1.33	9.20 -0.08 -1.09	9.05 -0.09 -1.30	8.92 -0.10 -1.32	9.02 -0.10 -1.33	8.99 -0.10 -1.35	6.68 -0.07 -1.58	6.59 -0.09 -1.58	6.58 -0.09 -1.58	6.21 -0.07 -1.70	6.52 -0.08 -2.02	7.07 -0.08 -2.05	7.26 -0.08 -2.24	7.29 -0.09 -2.28	7.37 -0.07 -2.10	6.42 -0.06 -1.62	5.49 -0.05 -1.56
EAST_RIVER___1 323558	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.22 0.26 -13.38	18.71 0.27 -14.05	19.59 0.31 -14.18	20.37 0.53 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.53 0.50 -14.24	22.70 0.50 -14.46	22.36 0.34 -16.85	22.32 0.34 -16.88	22.32 0.34 -16.89	23.08 0.28 -18.21	26.51 0.31 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.16 0.37 -22.44	22.52 0.32 -17.36	20.89 0.27 -16.63
EAST_RIVER___2 323559	20.78 0.37 -14.69	19.62 0.30 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.34 0.24 -12.74	18.22 0.25 -13.38	18.70 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.53 0.50 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.35 -16.88	22.32 0.34 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63
EAST___DELAWARE_HYD 23607	19.12 0.29 -13.11	17.99 0.23 -12.96	16.75 0.20 -12.00	16.05 0.19 -11.26	15.92 0.19 -11.37	16.73 0.21 -11.94	17.13 0.19 -12.54	17.98 0.23 -12.66	18.99 0.40 -10.40	20.68 0.39 -12.44	20.67 0.38 -12.60	20.88 0.38 -12.72	21.03 0.38 -12.91	20.47 0.25 -15.05	20.41 0.24 -15.07	20.43 0.25 -15.08	21.05 0.21 -16.26	24.09 0.21 -19.30	24.87 0.26 -19.52	26.76 0.26 -21.41	27.18 0.30 -21.79	25.68 0.31 -20.03	20.59 0.25 -15.49	19.05 0.22 -14.85
EIGHT_POINT___WT_PWR 323820	9.04 0.22 -3.10	8.01 0.15 -3.07	7.55 0.15 -2.84	7.43 0.17 -2.66	7.21 0.16 -2.69	7.61 0.20 -2.82	7.57 0.21 -2.97	8.35 0.26 -2.99	11.07 0.43 -2.46	11.16 0.38 -2.94	11.02 0.34 -2.98	11.17 0.37 -3.01	11.15 0.36 -3.05	8.97 0.24 -3.56	8.87 0.21 -3.56	8.83 0.18 -3.57	8.60 0.17 -3.84	9.29 0.15 -4.56	9.92 0.20 -4.62	10.34 0.18 -5.06	10.41 0.16 -5.15	10.28 0.20 -4.74	8.72 0.20 -3.66	7.67 0.17 -3.51
ELBRIDGE_115KV_TB2 80188	7.61 0.00 -1.89	6.65 -0.01 -1.87	6.27 -0.01 -1.73	6.21 0.00 -1.62	5.99 -0.01 -1.64	6.29 -0.01 -1.72	6.19 -0.02 -1.81	6.90 -0.02 -1.82	9.66 -0.02 -1.50	9.61 -0.02 -1.79	9.48 -0.03 -1.82	9.59 -0.02 -1.83	9.57 -0.02 -1.86	7.32 -0.01 -2.17	7.24 -0.03 -2.17	7.23 -0.04 -2.17	6.90 -0.03 -2.34	7.32 -0.04 -2.78	7.88 -0.03 -2.81	8.14 -0.04 -3.08	8.19 -0.05 -3.14	8.20 -0.03 -2.89	7.05 -0.03 -2.23	6.11 -0.02 -2.14
ELEC_TRO_TEK 24086	25.37 0.45 -19.20	22.61 0.37 -17.44	20.16 0.34 -15.27	19.95 0.33 -15.03	19.96 0.31 -15.28	21.02 0.33 -16.11	21.90 0.34 -17.17	22.31 0.39 -16.82	27.91 0.65 -19.08	29.77 0.65 -21.27	32.93 0.62 -24.61	38.42 0.62 -30.02	34.49 0.62 -26.14	34.82 0.41 -29.24	33.26 0.42 -27.74	31.94 0.41 -26.44	30.83 0.36 -25.89	34.47 0.38 -29.52	36.39 0.44 -30.85	38.81 0.43 -33.29	47.57 0.43 -42.05	35.04 0.45 -29.25	28.18 0.38 -22.95	25.71 0.32 -21.40
ELLENBURG_WT_PWR 323604	2.34 -0.40 2.98	2.36 -0.33 2.10	2.90 -0.27 1.38	4.35 -0.25 0.00	4.17 -0.19 0.00	4.41 -0.17 0.00	4.27 -0.12 0.00	4.98 -0.12 0.00	8.03 -0.16 0.00	7.76 -0.09 0.00	7.65 -0.05 0.00	7.71 -0.08 0.00	7.63 -0.10 0.00	5.08 -0.08 0.00	5.02 -0.08 0.00	4.98 -0.11 0.00	4.48 -0.11 0.00	4.50 -0.08 0.00	5.00 -0.10 0.00	5.00 -0.10 0.00	5.00 -0.09 0.00	5.20 -0.14 0.00	4.70 -0.15 0.00	3.84 -0.14 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	8.34 -0.09 -2.71	7.37 -0.10 -2.68	6.95 -0.09 -2.48	6.84 -0.08 -2.33	6.62 -0.10 -2.35	7.00 -0.06 -2.47	6.93 -0.07 -2.59	7.66 -0.06 -2.62	10.23 -0.11 -2.15	10.31 -0.11 -2.57	10.17 -0.14 -2.61	10.31 -0.11 -2.63	10.28 -0.12 -2.67	8.22 -0.06 -3.11	8.13 -0.09 -3.12	8.08 -0.13 -3.12	7.83 -0.11 -3.36	8.47 -0.10 -3.99	9.04 -0.09 -4.04	9.39 -0.13 -4.43	9.44 -0.16 -4.51	9.36 -0.12 -4.14	7.98 -0.08 -3.21	6.98 -0.08 -3.07
EMPIRE_CC_1 323656	23.48 0.19 -17.57	22.33 0.17 -17.37	20.79 0.15 -16.09	19.84 0.16 -15.08	19.75 0.15 -15.24	20.75 0.16 -16.00	21.35 0.15 -16.80	22.23 0.17 -16.96	22.41 0.29 -13.93	24.77 0.25 -16.67	24.83 0.25 -16.88	25.08 0.26 -17.03	25.28 0.25 -17.30	25.49 0.17 -20.16	25.45 0.16 -20.19	25.45 0.16 -20.20	26.51 0.15 -21.78	30.58 0.14 -25.86	31.40 0.15 -26.15	33.93 0.15 -28.68	34.44 0.15 -29.20	32.34 0.16 -26.84	25.77 0.16 -20.76	23.99 0.11 -19.89
EMPIRE_CC_2 323658	23.48 0.19 -17.57	22.33 0.17 -17.37	20.79 0.15 -16.09	19.84 0.16 -15.08	19.75 0.15 -15.24	20.75 0.16 -16.00	21.35 0.15 -16.80	22.23 0.17 -16.96	22.41 0.29 -13.93	24.77 0.25 -16.67	24.83 0.25 -16.88	25.08 0.26 -17.03	25.28 0.25 -17.30	25.49 0.17 -20.16	25.45 0.16 -20.19	25.45 0.16 -20.20	26.51 0.15 -21.78	30.58 0.14 -25.86	31.40 0.15 -26.15	33.93 0.15 -28.68	34.44 0.15 -29.20	32.34 0.16 -26.84	25.77 0.16 -20.76	23.99 0.11 -19.89
ENORWICH_115KV_TB1 80156	10.63 0.28 -4.63	9.58 0.22 -4.58	8.99 0.19 -4.24	8.78 0.21 -3.98	8.59 0.21 -4.02	9.05 0.24 -4.22	9.06 0.23 -4.43	9.86 0.29 -4.47	12.32 0.46 -3.67	12.63 0.39 -4.40	12.56 0.41 -4.45	12.69 0.41 -4.49	12.68 0.39 -4.56	10.74 0.26 -5.32	10.65 0.23 -5.32	10.67 0.25 -5.33	10.55 0.22 -5.74	11.63 0.23 -6.82	12.30 0.31 -6.89	12.96 0.30 -7.56	13.09 0.30 -7.70	12.73 0.31 -7.07	10.61 0.29 -5.47	9.47 0.24 -5.24

ERIE_ST__34_KV_TB1-2 80199	8.40 -0.12 -2.80	7.43 -0.12 -2.77	7.00 -0.11 -2.56	6.89 -0.11 -2.40	6.67 -0.12 -2.43	7.05 -0.08 -2.55	6.99 -0.08 -2.68	7.71 -0.08 -2.70	10.28 -0.13 -2.22	10.36 -0.13 -2.65	10.22 -0.16 -2.69	10.37 -0.13 -2.71	10.34 -0.15 -2.75	8.30 -0.08 -3.21	8.20 -0.11 -3.21	8.16 -0.15 -3.22	7.93 -0.12 -3.47	8.58 -0.11 -4.12	9.15 -0.11 -4.16	9.51 -0.15 -4.56	9.56 -0.18 -4.64	9.47 -0.14 -4.27	8.06 -0.10 -3.30	7.06 -0.10 -3.17
ERIE_WT_PWR 323693	8.41 -0.08 -2.77	7.44 -0.09 -2.74	7.01 -0.08 -2.54	6.90 -0.07 -2.38	6.68 -0.08 -2.40	7.07 -0.05 -2.53	7.00 -0.05 -2.65	7.73 -0.04 -2.68	10.31 -0.07 -2.20	10.40 -0.07 -2.63	10.25 -0.11 -2.66	10.40 -0.08 -2.69	10.36 -0.10 -2.73	8.30 -0.04 -3.18	8.21 -0.07 -3.18	8.17 -0.11 -3.19	7.92 -0.10 -3.44	8.57 -0.09 -4.08	9.15 -0.08 -4.12	9.52 -0.10 -4.52	9.55 -0.14 -4.60	9.47 -0.11 -4.23	8.06 -0.06 -3.27	7.06 -0.07 -3.14
ESPRGFLD_115KV_TB1 80157	3.53 0.30 2.49	2.57 0.24 2.46	2.50 0.23 2.28	2.68 0.23 2.14	2.41 0.21 2.16	2.56 0.24 2.27	2.25 0.22 2.36	2.98 0.27 2.38	6.69 0.46 1.96	5.96 0.45 2.34	5.77 0.45 2.37	5.84 0.45 2.40	5.73 0.43 2.43	2.62 0.29 2.83	2.53 0.28 2.84	2.52 0.27 2.84	1.76 0.24 3.06	1.19 0.25 3.64	1.68 0.29 3.71	1.33 0.30 4.07	1.24 0.30 4.14	1.86 0.32 3.81	2.18 0.27 2.95	1.37 0.21 2.82
ETNA_115_KV_TB1_REV_LBMP_C 345029	9.33 0.13 -3.49	8.33 0.09 -3.45	7.83 0.09 -3.19	7.68 0.09 -2.99	7.47 0.09 -3.02	7.86 0.10 -3.18	7.82 0.09 -3.34	8.57 0.11 -3.37	11.14 0.18 -2.77	11.31 0.16 -3.31	11.20 0.15 -3.35	11.32 0.15 -3.38	11.31 0.14 -3.43	9.26 0.09 -4.00	9.19 0.08 -4.01	9.18 0.08 -4.01	8.98 0.08 -4.32	9.78 0.07 -5.13	10.39 0.10 -5.19	10.88 0.09 -5.69	10.97 0.08 -5.80	10.77 0.10 -5.33	9.07 0.10 -4.12	8.02 0.09 -3.95
ETNA____115KV_TB2 80207	9.33 0.13 -3.49	8.33 0.09 -3.45	7.83 0.09 -3.19	7.68 0.09 -2.99	7.47 0.09 -3.02	7.86 0.10 -3.18	7.82 0.09 -3.34	8.57 0.11 -3.37	11.14 0.18 -2.77	11.31 0.16 -3.31	11.20 0.15 -3.35	11.32 0.15 -3.38	11.31 0.14 -3.43	9.26 0.09 -4.00	9.19 0.08 -4.01	9.18 0.08 -4.01	8.98 0.08 -4.32	9.78 0.07 -5.13	10.39 0.10 -5.19	10.88 0.09 -5.69	10.97 0.08 -5.80	10.77 0.10 -5.33	9.07 0.10 -4.12	8.02 0.09 -3.95
EUCLID____115KV_TB2 356179	7.24 -0.03 -1.55	6.29 -0.03 -1.53	5.94 -0.03 -1.42	5.90 -0.03 -1.33	5.67 -0.04 -1.34	5.96 -0.04 -1.41	5.83 -0.05 -1.48	6.54 -0.05 -1.50	9.34 -0.08 -1.23	9.22 -0.09 -1.47	9.10 -0.09 -1.49	9.20 -0.09 -1.50	9.18 -0.09 -1.53	6.89 -0.06 -1.78	6.81 -0.07 -1.78	6.80 -0.08 -1.78	6.44 -0.06 -1.92	6.79 -0.07 -2.28	7.33 -0.07 -2.31	7.55 -0.08 -2.53	7.58 -0.09 -2.58	7.64 -0.07 -2.37	6.62 -0.06 -1.83	5.69 -0.05 -1.76
E_CANADA_CAP_HY 24051	28.98 0.39 -22.87	27.71 0.31 -22.61	25.79 0.30 -20.94	24.53 0.29 -19.64	24.47 0.27 -19.84	25.72 0.30 -20.83	26.55 0.28 -21.87	27.51 0.33 -22.08	26.91 0.58 -18.14	30.13 0.58 -21.70	30.23 0.55 -21.97	30.56 0.57 -22.21	30.82 0.54 -22.55	31.80 0.36 -26.28	31.77 0.36 -26.31	31.78 0.36 -26.33	33.28 0.31 -28.39	38.57 0.33 -33.66	39.51 0.37 -34.04	42.83 0.39 -37.34	43.48 0.38 -38.01	40.70 0.42 -34.94	32.23 0.35 -27.03	30.15 0.27 -25.90
E_CANADA_MHWK_HY 24050	5.81 -0.04 -0.13	4.85 -0.03 -0.09	4.58 -0.04 -0.06	4.56 -0.04 0.00	4.33 -0.04 0.00	4.54 -0.05 0.00	4.34 -0.05 0.00	5.05 -0.05 0.00	8.12 -0.07 0.00	7.73 -0.11 0.00	7.61 -0.09 0.00	7.68 -0.10 0.00	7.63 -0.10 0.00	5.09 -0.07 0.00	5.02 -0.08 0.00	5.01 -0.08 0.00	4.51 -0.07 0.00	4.51 -0.06 0.00	5.03 -0.07 0.00	5.02 -0.08 0.00	5.02 -0.07 0.00	5.27 -0.07 0.00	4.81 -0.04 0.00	3.95 -0.04 0.00
E_FISHKILL____LBMP 23776	21.00 0.30 -14.98	19.85 0.25 -14.81	18.49 0.23 -13.71	17.68 0.23 -12.86	17.56 0.21 -12.99	18.45 0.22 -13.64	18.94 0.22 -14.32	19.81 0.26 -14.46	20.51 0.44 -11.88	22.49 0.43 -14.21	22.51 0.42 -14.39	22.73 0.42 -14.52	22.90 0.43 -14.74	22.63 0.28 -17.18	22.59 0.28 -17.21	22.59 0.28 -17.22	23.39 0.24 -18.57	26.87 0.25 -22.04	27.68 0.29 -22.30	29.84 0.29 -24.45	30.27 0.29 -24.90	28.53 0.30 -22.88	22.81 0.26 -17.70	21.16 0.22 -16.96
FALCON____SEABRD_CC1 323796	2.37 -0.38 2.97	2.39 -0.31 2.10	2.93 -0.25 1.38	4.37 -0.23 0.00	4.19 -0.17 0.00	4.44 -0.15 0.00	4.30 -0.10 0.00	5.02 -0.08 0.00	8.09 -0.10 0.00	7.82 -0.02 0.00	7.71 0.01 0.00	7.76 -0.02 0.00	7.69 -0.05 0.00	5.11 -0.05 0.00	5.05 -0.05 0.00	5.01 -0.08 0.00	4.50 -0.08 0.00	4.53 -0.05 0.00	5.03 -0.07 0.00	5.04 -0.06 0.00	5.04 -0.06 0.00	5.24 -0.10 0.00	4.73 -0.12 0.00	3.87 -0.12 0.00
FALCON____SEABRD_CC2 323797	2.37 -0.38 2.97	2.39 -0.31 2.10	2.93 -0.25 1.38	4.37 -0.23 0.00	4.19 -0.17 0.00	4.44 -0.15 0.00	4.30 -0.10 0.00	5.02 -0.08 0.00	8.09 -0.10 0.00	7.82 -0.02 0.00	7.71 0.01 0.00	7.76 -0.02 0.00	7.69 -0.05 0.00	5.11 -0.05 0.00	5.05 -0.05 0.00	5.01 -0.08 0.00	4.50 -0.08 0.00	4.53 -0.05 0.00	5.03 -0.07 0.00	5.04 -0.06 0.00	5.04 -0.06 0.00	5.24 -0.10 0.00	4.73 -0.12 0.00	3.87 -0.12 0.00
FAR ROCKAWAY____4 23548	25.44 0.52 -19.20	22.67 0.44 -17.44	20.22 0.40 -15.27	20.01 0.39 -15.03	20.01 0.37 -15.28	21.08 0.39 -16.11	21.96 0.40 -17.17	22.38 0.46 -16.82	28.01 0.75 -19.08	29.85 0.73 -21.27	33.01 0.71 -24.61	38.51 0.71 -30.02	34.59 0.72 -26.14	34.88 0.47 -29.24	33.31 0.47 -27.74	32.01 0.47 -26.44	30.88 0.41 -25.89	34.52 0.43 -29.52	36.45 0.50 -30.85	38.87 0.48 -33.29	47.63 0.49 -42.05	35.11 0.51 -29.25	28.25 0.45 -22.95	25.76 0.38 -21.40
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.79 0.38 -14.69	19.63 0.31 -14.52	18.28 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.23 0.26 -13.38	18.72 0.27 -14.05	19.59 0.32 -14.18	20.37 0.53 -11.65	22.31 0.53 -13.94	22.32 0.51 -14.11	22.53 0.51 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.35 -16.88	22.32 0.34 -16.89	23.08 0.29 -18.21	26.51 0.31 -21.62	27.34 0.37 -21.87	29.44 0.36 -23.98	29.87 0.36 -24.42	28.16 0.38 -22.44	22.52 0.32 -17.36	20.90 0.28 -16.63
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.79 0.38 -14.69	19.63 0.31 -14.52	18.28 0.28 -13.45	17.48 0.27 -12.61	17.35 0.25 -12.74	18.23 0.26 -13.38	18.72 0.27 -14.05	19.59 0.32 -14.18	20.37 0.53 -11.65	22.31 0.53 -13.94	22.32 0.51 -14.11	22.53 0.51 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.35 -16.88	22.32 0.34 -16.89	23.08 0.29 -18.21	26.51 0.31 -21.62	27.34 0.37 -21.87	29.44 0.36 -23.98	29.87 0.36 -24.42	28.16 0.38 -22.44	22.52 0.32 -17.36	20.90 0.28 -16.63
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.79 0.38 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.23 0.26 -13.38	18.71 0.27 -14.05	19.59 0.31 -14.18	20.37 0.53 -11.65	22.31 0.53 -13.94	22.32 0.51 -14.11	22.53 0.50 -14.24	22.70 0.50 -14.46	22.36 0.34 -16.85	22.32 0.34 -16.88	22.32 0.34 -16.89	23.07 0.28 -18.21	26.50 0.31 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.16 0.37 -22.44	22.52 0.32 -17.36	20.89 0.28 -16.63

FARRAGUT___LBMP 323566	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.27 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.07 0.28 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.28 -16.63
FENNER___WINDPWR 24204	7.79 0.09 -1.98	6.81 0.07 -1.96	6.42 0.06 -1.81	6.35 0.06 -1.70	6.13 0.06 -1.72	6.45 0.06 -1.80	6.35 0.06 -1.89	7.08 0.07 -1.91	9.88 0.12 -1.57	9.81 0.09 -1.88	9.69 0.09 -1.90	9.80 0.09 -1.92	9.78 0.09 -1.95	7.49 0.06 -2.27	7.41 0.04 -2.27	7.41 0.04 -2.28	7.07 0.04 -2.45	7.53 0.04 -2.91	8.10 0.06 -2.94	8.38 0.06 -3.23	8.43 0.05 -3.29	8.42 0.06 -3.02	7.25 0.06 -2.34	6.27 0.05 -2.24
FIBERTEK___ENERGY 23856	7.54 0.02 -1.80	6.57 0.00 -1.78	6.21 0.00 -1.65	6.15 0.01 -1.55	5.92 0.00 -1.56	6.23 0.00 -1.64	6.11 -0.01 -1.72	6.83 -0.01 -1.74	9.62 0.00 -1.43	9.54 -0.02 -1.71	9.41 -0.02 -1.73	9.52 -0.01 -1.75	9.50 -0.01 -1.77	7.23 -0.01 -2.07	7.15 -0.02 -2.07	7.13 -0.03 -2.07	6.80 -0.02 -2.23	7.20 -0.03 -2.65	7.76 -0.02 -2.68	8.01 -0.03 -2.94	8.04 -0.04 -2.99	8.07 -0.03 -2.75	6.96 -0.01 -2.13	6.02 -0.01 -2.04
FITZPATRICK____ 23598	6.87 -0.10 -1.25	5.93 -0.10 -1.24	5.61 -0.09 -1.15	5.58 -0.09 -1.08	5.35 -0.10 -1.09	5.62 -0.11 -1.14	5.49 -0.11 -1.20	6.18 -0.13 -1.21	8.99 -0.20 -0.99	8.83 -0.20 -1.19	8.70 -0.21 -1.21	8.80 -0.20 -1.22	8.76 -0.21 -1.23	6.47 -0.13 -1.44	6.40 -0.14 -1.44	6.38 -0.15 -1.44	6.00 -0.14 -1.55	6.28 -0.14 -1.85	6.82 -0.15 -1.87	6.99 -0.15 -2.05	7.02 -0.16 -2.08	7.10 -0.16 -1.92	6.20 -0.14 -1.48	5.29 -0.11 -1.42
FLOWRFLD_69_KV_BK1 356044	25.44 0.52 -19.20	22.66 0.43 -17.44	20.23 0.40 -15.27	20.02 0.40 -15.03	20.01 0.37 -15.28	21.09 0.39 -16.11	21.96 0.40 -17.17	22.38 0.46 -16.82	28.03 0.76 -19.08	29.94 0.82 -21.27	33.09 0.79 -24.61	38.58 0.78 -30.02	34.64 0.77 -26.14	34.91 0.51 -29.24	33.37 0.53 -27.74	32.05 0.52 -26.44	30.92 0.45 -25.89	34.57 0.48 -29.52	36.51 0.56 -30.85	38.92 0.54 -33.29	47.69 0.54 -42.05	35.16 0.57 -29.25	28.26 0.46 -22.95	25.77 0.38 -21.40
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.75 0.34 -14.68	19.59 0.29 -14.52	18.25 0.26 -13.44	17.46 0.25 -12.61	17.34 0.24 -12.73	18.22 0.26 -13.37	18.69 0.25 -14.04	19.56 0.29 -14.17	20.33 0.50 -11.64	22.27 0.50 -13.92	22.29 0.49 -14.10	22.50 0.49 -14.23	22.67 0.49 -14.44	22.32 0.32 -16.83	22.28 0.32 -16.86	22.28 0.32 -16.87	23.05 0.28 -18.19	26.45 0.28 -21.59	27.26 0.33 -21.84	29.38 0.33 -23.96	29.83 0.35 -24.39	28.13 0.37 -22.41	22.49 0.31 -17.34	20.86 0.26 -16.61
FORT ORANGE____ 23900	24.06 0.26 -18.08	22.88 0.21 -17.88	21.31 0.20 -16.55	20.33 0.21 -15.52	20.24 0.19 -15.68	21.26 0.20 -16.47	21.88 0.19 -17.29	22.78 0.22 -17.45	22.91 0.38 -14.34	25.36 0.36 -17.16	25.42 0.35 -17.37	25.68 0.37 -17.52	25.89 0.36 -17.79	26.14 0.24 -20.74	26.09 0.23 -20.77	26.10 0.23 -20.78	27.20 0.22 -22.40	31.40 0.21 -26.61	32.25 0.23 -26.92	34.85 0.23 -29.52	35.38 0.23 -30.05	33.21 0.25 -27.62	26.44 0.23 -21.37	24.63 0.17 -20.47
FORT_DRUM_COGEN 23780	6.06 -0.01 -0.35	5.28 -0.02 -0.51	5.11 -0.03 -0.59	5.38 -0.03 -0.82	5.17 -0.02 -0.82	5.44 -0.01 -0.86	5.30 -0.01 -0.91	6.01 0.00 -0.92	8.93 -0.01 -0.75	8.70 -0.05 -0.90	8.57 -0.05 -0.91	8.64 -0.07 -0.92	8.61 -0.05 -0.93	6.20 -0.05 -1.09	6.10 -0.09 -1.09	6.12 -0.07 -1.09	5.70 -0.05 -1.18	5.93 -0.05 -1.40	6.50 -0.01 -1.41	6.65 0.01 -1.55	6.68 0.01 -1.58	6.79 -0.01 -1.45	5.97 0.00 -1.12	5.06 0.00 -1.08
FPL_FAR_ROCK_GT1 24212	25.44 0.52 -19.20	22.67 0.44 -17.44	20.22 0.40 -15.27	20.01 0.39 -15.03	20.01 0.37 -15.28	21.08 0.39 -16.11	21.96 0.40 -17.17	22.38 0.46 -16.82	28.01 0.75 -19.08	29.85 0.73 -21.27	33.01 0.71 -24.61	38.51 0.71 -30.02	34.59 0.72 -26.14	34.88 0.47 -29.24	33.31 0.47 -27.74	32.01 0.48 -26.44	30.88 0.41 -25.89	34.52 0.43 -29.52	36.45 0.50 -30.85	38.87 0.49 -33.29	47.63 0.49 -42.05	35.11 0.51 -29.25	28.25 0.45 -22.95	25.76 0.37 -21.40
FPL_FAR_ROCK_GT2 23815	25.44 0.52 -19.20	22.67 0.44 -17.44	20.22 0.40 -15.27	20.01 0.39 -15.03	20.01 0.37 -15.28	21.08 0.39 -16.11	21.96 0.40 -17.17	22.38 0.46 -16.82	28.01 0.75 -19.08	29.85 0.73 -21.27	33.01 0.71 -24.61	38.51 0.71 -30.02	34.59 0.72 -26.14	34.88 0.47 -29.24	33.31 0.47 -27.74	32.01 0.48 -26.44	30.88 0.41 -25.89	34.52 0.43 -29.52	36.45 0.50 -30.85	38.87 0.49 -33.29	47.63 0.49 -42.05	35.11 0.51 -29.25	28.25 0.45 -22.95	25.76 0.37 -21.40
FRANKLIN_FALL_HYD 24054	2.61 -0.31 2.79	2.56 -0.26 1.97	3.04 -0.21 1.30	4.40 -0.20 0.00	4.21 -0.15 0.00	4.46 -0.13 0.00	4.31 -0.09 0.00	5.03 -0.07 0.00	8.10 -0.09 0.00	7.79 -0.05 0.00	7.68 -0.02 0.00	7.73 -0.05 0.00	7.67 -0.06 0.00	5.10 -0.07 0.00	5.03 -0.07 0.00	5.01 -0.08 0.00	4.50 -0.09 0.00	4.51 -0.07 0.00	5.02 -0.08 0.00	5.03 -0.07 0.00	5.03 -0.07 0.00	5.24 -0.10 0.00	4.75 -0.10 0.00	3.88 -0.10 0.00
FREEPORT_EQUS_GT1 23764	25.40 0.48 -19.20	22.64 0.40 -17.44	20.19 0.36 -15.27	19.98 0.36 -15.03	19.98 0.34 -15.28	21.05 0.36 -16.11	21.93 0.36 -17.17	22.34 0.42 -16.82	27.96 0.70 -19.08	29.81 0.69 -21.27	32.98 0.67 -24.61	38.47 0.66 -30.02	34.54 0.67 -26.14	34.85 0.44 -29.24	33.28 0.44 -27.74	31.97 0.44 -26.44	30.85 0.38 -25.89	34.50 0.40 -29.52	36.42 0.47 -30.85	38.84 0.46 -33.29	47.60 0.46 -42.05	35.07 0.48 -29.25	28.21 0.41 -22.95	25.73 0.35 -21.40
FREEPORT___CT2 23818	25.40 0.48 -19.20	22.64 0.40 -17.44	20.19 0.36 -15.27	19.98 0.36 -15.03	19.98 0.34 -15.28	21.05 0.36 -16.11	21.93 0.36 -17.17	22.34 0.42 -16.82	27.96 0.70 -19.08	29.81 0.69 -21.27	32.98 0.67 -24.61	38.47 0.66 -30.02	34.54 0.67 -26.14	34.85 0.44 -29.24	33.28 0.44 -27.74	31.97 0.44 -26.44	30.85 0.38 -25.89	34.50 0.40 -29.52	36.42 0.47 -30.85	38.84 0.46 -33.29	47.60 0.46 -42.05	35.07 0.48 -29.25	28.21 0.41 -22.95	25.73 0.35 -21.40
FRESHKLS_33_KV_LOAD 356253	20.81 0.39 -14.69	19.64 0.33 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.18 0.22 -13.38	18.65 0.20 -14.05	19.51 0.24 -14.18	20.26 0.43 -11.65	22.21 0.42 -13.94	22.22 0.41 -14.11	22.43 0.40 -14.24	22.62 0.43 -14.46	22.30 0.28 -16.85	22.27 0.29 -16.88	22.26 0.28 -16.89	23.02 0.23 -18.21	26.47 0.27 -21.62	27.29 0.33 -21.87	29.40 0.32 -23.98	29.82 0.32 -24.42	28.11 0.33 -22.44	22.47 0.26 -17.36	20.89 0.27 -16.63
FULTON COGEN____ 23766	7.20 -0.03 -1.50	6.24 -0.03 -1.49	5.90 -0.03 -1.38	5.86 -0.03 -1.29	5.63 -0.03 -1.30	5.91 -0.05 -1.37	5.78 -0.05 -1.44	6.49 -0.06 -1.45	9.30 -0.08 -1.19	9.18 -0.09 -1.43	9.04 -0.10 -1.45	9.15 -0.09 -1.46	9.12 -0.09 -1.48	6.83 -0.06 -1.73	6.75 -0.08 -1.73	6.73 -0.09 -1.73	6.37 -0.07 -1.87	6.71 -0.08 -2.21	7.26 -0.08 -2.24	7.47 -0.09 -2.46	7.50 -0.09 -2.50	7.56 -0.09 -2.30	6.56 -0.07 -1.78	5.64 -0.05 -1.70

FULTON___LFGE 323630	27.80 0.55 -21.53	26.50 0.43 -21.28	24.67 0.41 -19.71	23.48 0.40 -18.48	23.40 0.38 -18.67	24.60 0.41 -19.60	25.35 0.37 -20.58	26.32 0.44 -20.78	26.07 0.81 -17.07	28.98 0.71 -20.42	29.05 0.67 -20.68	29.38 0.69 -20.90	29.60 0.64 -21.22	30.34 0.44 -24.74	30.31 0.44 -24.77	30.32 0.44 -24.79	31.71 0.41 -26.72	36.69 0.44 -31.68	37.62 0.48 -32.04	40.74 0.50 -35.14	41.36 0.49 -35.78	38.74 0.52 -32.88	30.80 0.52 -25.43	28.74 0.39 -24.37
G.F.CEMENT___DRP 24184	24.98 0.31 -18.95	23.76 0.24 -18.73	22.13 0.23 -17.34	21.09 0.23 -16.26	21.01 0.21 -16.43	22.07 0.23 -17.25	22.75 0.22 -18.14	23.67 0.27 -18.31	23.73 0.50 -15.05	26.36 0.52 -18.00	26.40 0.48 -18.23	26.69 0.51 -18.39	26.91 0.50 -18.68	27.26 0.33 -21.77	27.22 0.33 -21.80	27.22 0.32 -21.81	28.41 0.31 -23.52	32.81 0.32 -27.92	33.63 0.33 -28.20	36.37 0.34 -30.93	36.90 0.33 -31.49	34.62 0.34 -28.94	27.54 0.30 -22.39	25.64 0.21 -21.45
GARDENVILLE___LBMP 24039	8.39 -0.09 -2.77	7.42 -0.11 -2.73	6.99 -0.09 -2.53	6.89 -0.08 -2.37	6.66 -0.10 -2.40	7.05 -0.06 -2.52	6.98 -0.06 -2.64	7.71 -0.06 -2.67	10.28 -0.10 -2.19	10.37 -0.10 -2.62	10.23 -0.13 -2.66	10.37 -0.10 -2.68	10.33 -0.12 -2.72	8.28 -0.06 -3.17	8.19 -0.08 -3.18	8.14 -0.13 -3.18	7.90 -0.11 -3.43	8.55 -0.10 -4.07	9.12 -0.09 -4.11	9.48 -0.13 -4.51	9.53 -0.16 -4.59	9.44 -0.12 -4.22	8.04 -0.08 -3.27	7.04 -0.08 -3.13
GARDNVLA_35_KV_LD 355827	8.43 -0.07 -2.78	7.45 -0.08 -2.74	7.02 -0.07 -2.54	6.92 -0.06 -2.38	6.69 -0.08 -2.41	7.07 -0.04 -2.53	7.01 -0.04 -2.65	7.74 -0.03 -2.68	10.33 -0.06 -2.20	10.42 -0.05 -2.63	10.27 -0.09 -2.67	10.42 -0.05 -2.69	10.39 -0.08 -2.73	8.32 -0.03 -3.18	8.23 -0.06 -3.19	8.18 -0.10 -3.19	7.94 -0.08 -3.44	8.59 -0.07 -4.08	9.16 -0.06 -4.13	9.52 -0.11 -4.53	9.57 -0.13 -4.61	9.48 -0.10 -4.23	8.07 -0.05 -3.28	7.07 -0.06 -3.14
GELCKHM__115KV_LOAD 80723	7.35 -0.01 -1.64	6.39 -0.02 -1.63	6.04 -0.02 -1.51	5.99 -0.02 -1.41	5.76 -0.03 -1.43	6.05 -0.03 -1.50	5.93 -0.04 -1.57	6.64 -0.04 -1.59	9.44 -0.06 -1.30	9.34 -0.06 -1.56	9.21 -0.07 -1.58	9.32 -0.06 -1.59	9.29 -0.06 -1.62	7.02 -0.04 -1.89	6.94 -0.05 -1.89	6.92 -0.06 -1.89	6.58 -0.05 -2.04	6.94 -0.06 -2.42	7.49 -0.05 -2.45	7.72 -0.06 -2.68	7.76 -0.07 -2.73	7.80 -0.06 -2.51	6.74 -0.05 -1.94	5.81 -0.04 -1.86
GENERAL___MILLS 23808	8.41 -0.09 -2.77	7.44 -0.10 -2.74	7.01 -0.09 -2.54	6.90 -0.07 -2.38	6.68 -0.09 -2.40	7.06 -0.05 -2.53	7.00 -0.05 -2.65	7.73 -0.05 -2.68	10.31 -0.08 -2.20	10.39 -0.09 -2.63	10.25 -0.12 -2.66	10.39 -0.09 -2.69	10.36 -0.10 -2.73	8.30 -0.04 -3.18	8.21 -0.07 -3.18	8.16 -0.12 -3.19	7.92 -0.10 -3.44	8.57 -0.09 -4.08	9.15 -0.08 -4.12	9.50 -0.12 -4.52	9.55 -0.15 -4.60	9.46 -0.11 -4.23	8.06 -0.07 -3.27	7.06 -0.07 -3.14
GE_PLASTICS___DRP 24183	24.07 0.22 -18.13	22.89 0.18 -17.92	21.32 0.17 -16.59	20.34 0.18 -15.56	20.25 0.17 -15.72	21.27 0.17 -16.51	21.87 0.16 -17.31	22.76 0.19 -17.48	22.88 0.33 -14.36	25.33 0.31 -17.18	25.40 0.30 -17.40	25.65 0.31 -17.56	25.87 0.31 -17.83	26.15 0.21 -20.78	26.10 0.20 -20.81	26.10 0.19 -20.82	27.21 0.18 -22.45	31.41 0.18 -26.65	32.28 0.20 -26.98	34.89 0.20 -29.59	35.42 0.20 -30.13	33.24 0.21 -27.69	26.46 0.19 -21.42	24.65 0.14 -20.52
GILBOA___1 23756	20.35 0.18 -14.45	19.22 0.15 -14.29	17.94 0.15 -13.23	17.16 0.16 -12.41	17.04 0.15 -12.53	17.90 0.16 -13.16	18.35 0.14 -13.82	19.20 0.16 -13.95	19.92 0.27 -11.46	21.81 0.25 -13.71	21.84 0.25 -13.88	22.05 0.26 -14.01	22.21 0.25 -14.22	21.91 0.17 -16.58	21.86 0.16 -16.60	21.87 0.16 -16.61	22.64 0.15 -17.91	25.99 0.15 -21.27	26.77 0.17 -21.51	28.85 0.16 -23.59	29.27 0.16 -24.02	27.59 0.17 -22.07	22.08 0.16 -17.07	20.47 0.12 -16.36
GILBOA___2 23757	20.35 0.18 -14.45	19.22 0.15 -14.29	17.94 0.15 -13.23	17.16 0.16 -12.41	17.04 0.15 -12.53	17.90 0.16 -13.16	18.35 0.14 -13.82	19.20 0.16 -13.95	19.92 0.27 -11.46	21.81 0.25 -13.71	21.84 0.25 -13.88	22.05 0.26 -14.01	22.21 0.25 -14.22	21.91 0.17 -16.58	21.86 0.16 -16.60	21.87 0.16 -16.61	22.64 0.15 -17.91	25.99 0.15 -21.27	26.77 0.17 -21.51	28.85 0.16 -23.59	29.27 0.16 -24.02	27.59 0.17 -22.07	22.08 0.16 -17.07	20.47 0.12 -16.36
GILBOA___3 23758	20.35 0.18 -14.45	19.22 0.15 -14.29	17.94 0.15 -13.23	17.16 0.16 -12.41	17.04 0.15 -12.53	17.90 0.16 -13.16	18.35 0.14 -13.82	19.20 0.16 -13.95	19.92 0.27 -11.46	21.81 0.25 -13.71	21.84 0.25 -13.88	22.05 0.26 -14.01	22.21 0.25 -14.22	21.91 0.17 -16.58	21.86 0.16 -16.60	21.87 0.16 -16.61	22.64 0.15 -17.91	25.99 0.15 -21.27	26.77 0.17 -21.51	28.85 0.16 -23.59	29.27 0.16 -24.02	27.59 0.17 -22.07	22.08 0.16 -17.07	20.47 0.12 -16.36
GILBOA___4 23759	20.35 0.18 -14.45	19.22 0.15 -14.29	17.94 0.15 -13.23	17.16 0.16 -12.41	17.04 0.15 -12.53	17.90 0.16 -13.16	18.35 0.14 -13.82	19.20 0.16 -13.95	19.92 0.27 -11.46	21.81 0.25 -13.71	21.84 0.25 -13.88	22.05 0.26 -14.01	22.21 0.25 -14.22	21.91 0.17 -16.58	21.86 0.16 -16.60	21.87 0.16 -16.61	22.64 0.15 -17.91	25.99 0.15 -21.27	26.77 0.17 -21.51	28.85 0.16 -23.59	29.27 0.16 -24.02	27.59 0.17 -22.07	22.08 0.16 -17.07	20.47 0.12 -16.36
GILBOA___ 23599	20.35 0.18 -14.45	19.22 0.15 -14.29	17.94 0.15 -13.23	17.16 0.16 -12.41	17.04 0.15 -12.53	17.90 0.16 -13.16	18.35 0.14 -13.82	19.20 0.16 -13.95	19.92 0.27 -11.46	21.80 0.25 -13.71	21.83 0.25 -13.88	22.05 0.26 -14.01	22.21 0.26 -14.22	21.91 0.17 -16.58	21.86 0.16 -16.60	21.87 0.16 -16.61	22.63 0.14 -17.91	25.99 0.15 -21.26	26.77 0.17 -21.51	28.85 0.16 -23.59	29.27 0.16 -24.02	27.58 0.17 -22.07	22.08 0.16 -17.07	20.47 0.12 -16.36
GINNA___ 23603	7.49 -0.24 -2.01	6.55 -0.23 -1.99	6.19 -0.21 -1.84	6.11 -0.21 -1.73	5.89 -0.22 -1.75	6.21 -0.21 -1.83	6.12 -0.20 -1.93	6.83 -0.21 -1.94	9.43 -0.36 -1.60	9.41 -0.34 -1.91	9.28 -0.35 -1.93	9.40 -0.34 -1.95	9.37 -0.35 -1.98	7.26 -0.22 -2.31	7.18 -0.23 -2.31	7.15 -0.25 -2.32	6.86 -0.22 -2.50	7.32 -0.22 -2.96	7.86 -0.23 -3.00	8.15 -0.23 -3.29	8.19 -0.25 -3.35	8.18 -0.24 -3.08	7.02 -0.21 -2.38	6.08 -0.18 -2.28
GLEN PARK___ 23778	6.15 0.02 -0.41	5.36 0.00 -0.57	5.18 -0.01 -0.63	5.43 -0.01 -0.84	5.21 0.00 -0.85	5.49 0.01 -0.89	5.35 0.01 -0.94	6.07 0.03 -0.95	8.99 0.02 -0.78	8.76 -0.02 -0.93	8.62 -0.02 -0.94	8.69 -0.05 -0.95	8.67 -0.03 -0.97	6.26 -0.04 -1.13	6.15 -0.08 -1.13	6.17 -0.05 -1.13	5.75 -0.05 -1.22	5.99 -0.03 -1.45	6.57 0.01 -1.46	6.73 0.03 -1.60	6.75 0.03 -1.63	6.86 0.02 -1.50	6.03 0.02 -1.16	5.11 0.01 -1.11
GLENDALE_27_KV_LOAD 356172	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.29 -13.45	17.48 0.27 -12.61	17.36 0.26 -12.74	18.23 0.26 -13.38	18.71 0.27 -14.05	19.59 0.31 -14.18	20.38 0.54 -11.65	22.32 0.53 -13.94	22.33 0.52 -14.11	22.54 0.51 -14.24	22.72 0.53 -14.46	22.37 0.35 -16.85	22.33 0.35 -16.88	22.33 0.35 -16.89	23.08 0.29 -18.21	26.51 0.32 -21.62	27.35 0.38 -21.87	29.45 0.37 -23.98	29.88 0.37 -24.42	28.17 0.38 -22.44	22.52 0.32 -17.36	20.90 0.28 -16.63

GLENWOOD_IC_1_G5 23712	25.35 0.43 -19.20	22.59 0.36 -17.44	20.15 0.32 -15.27	19.94 0.32 -15.03	19.94 0.30 -15.28	21.01 0.32 -16.11	21.89 0.33 -17.17	22.30 0.38 -16.82	27.89 0.62 -19.08	29.74 0.63 -21.27	32.86 0.55 -24.61	38.36 0.55 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.21 0.37 -27.74	31.90 0.37 -26.44	30.79 0.32 -25.89	34.43 0.33 -29.52	36.34 0.39 -30.85	38.76 0.38 -33.29	47.52 0.38 -42.05	34.99 0.40 -29.25	28.18 0.37 -22.95	25.70 0.31 -21.40
GLENWOOD_IC_2_G1 23688	25.32 0.40 -19.20	22.56 0.33 -17.44	20.13 0.30 -15.27	19.92 0.29 -15.03	19.92 0.28 -15.28	20.99 0.29 -16.11	21.87 0.30 -17.17	22.27 0.35 -16.82	27.84 0.57 -19.08	29.69 0.57 -21.27	32.86 0.55 -24.61	38.36 0.55 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.21 0.37 -27.74	31.90 0.37 -26.44	30.79 0.32 -25.89	34.43 0.33 -29.52	36.34 0.39 -30.85	38.77 0.38 -33.29	47.53 0.39 -42.05	35.00 0.41 -29.25	28.15 0.34 -22.95	25.68 0.29 -21.40
GLENWOOD_IC_3_G1 23689	25.32 0.40 -19.20	22.56 0.33 -17.44	20.13 0.30 -15.27	19.92 0.29 -15.03	19.92 0.28 -15.28	20.99 0.29 -16.11	21.87 0.30 -17.17	22.27 0.35 -16.82	27.84 0.57 -19.08	29.69 0.57 -21.27	32.86 0.55 -24.61	38.36 0.55 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.21 0.37 -27.74	31.90 0.37 -26.44	30.79 0.32 -25.89	34.43 0.33 -29.52	36.34 0.39 -30.85	38.77 0.38 -33.29	47.53 0.39 -42.05	35.00 0.41 -29.25	28.15 0.34 -22.95	25.68 0.29 -21.40
GLENWOOD___4 23550	25.35 0.43 -19.20	22.59 0.36 -17.44	20.15 0.32 -15.27	19.94 0.32 -15.03	19.94 0.30 -15.28	21.01 0.32 -16.11	21.89 0.33 -17.17	22.30 0.38 -16.82	27.89 0.62 -19.08	29.74 0.63 -21.27	32.88 0.58 -24.61	38.38 0.58 -30.02	34.45 0.58 -26.14	34.79 0.39 -29.24	33.23 0.39 -27.74	31.91 0.38 -26.44	30.80 0.33 -25.89	34.44 0.34 -29.52	36.36 0.41 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.01 0.42 -29.25	28.18 0.37 -22.95	25.70 0.31 -21.40
GLENWOOD___5 23614	25.35 0.43 -19.20	22.59 0.36 -17.44	20.15 0.32 -15.27	19.94 0.32 -15.03	19.94 0.30 -15.28	21.01 0.32 -16.11	21.89 0.33 -17.17	22.30 0.38 -16.82	27.89 0.62 -19.08	29.74 0.63 -21.27	32.88 0.58 -24.61	38.38 0.58 -30.02	34.45 0.58 -26.14	34.79 0.39 -29.24	33.23 0.39 -27.74	31.91 0.38 -26.44	30.80 0.33 -25.89	34.44 0.34 -29.52	36.36 0.41 -30.85	38.78 0.39 -33.29	47.54 0.40 -42.05	35.01 0.42 -29.25	28.18 0.37 -22.95	25.70 0.31 -21.40
GLOBAL GREEN_PORT_GT1 23814	25.60 0.67 -19.20	22.80 0.56 -17.44	20.36 0.53 -15.27	20.15 0.52 -15.03	20.14 0.50 -15.28	21.22 0.53 -16.11	22.08 0.51 -17.17	22.52 0.60 -16.82	28.29 1.02 -19.08	30.20 1.08 -21.27	33.42 1.11 -24.61	38.94 1.14 -30.02	34.98 1.11 -26.14	35.11 0.71 -29.24	33.58 0.74 -27.74	32.27 0.73 -26.44	31.10 0.63 -25.89	34.77 0.68 -29.52	36.74 0.78 -30.85	39.16 0.77 -33.29	47.92 0.78 -42.05	35.37 0.78 -29.25	28.43 0.63 -22.95	25.91 0.52 -21.40
GLOBE___DSASP 323697	8.06 -0.22 -2.56	7.12 -0.21 -2.53	6.71 -0.19 -2.34	6.61 -0.19 -2.20	6.39 -0.20 -2.22	6.75 -0.17 -2.33	6.67 -0.17 -2.45	7.38 -0.18 -2.46	9.89 -0.32 -2.02	9.95 -0.31 -2.42	9.80 -0.35 -2.45	9.93 -0.33 -2.47	9.91 -0.33 -2.51	7.90 -0.19 -2.92	7.81 -0.21 -2.92	7.77 -0.24 -2.93	7.52 -0.22 -3.15	8.11 -0.21 -3.74	8.67 -0.21 -3.78	9.01 -0.23 -4.15	9.00 -0.27 -4.18	8.95 -0.24 -3.84	7.68 -0.18 -3.01	6.72 -0.16 -2.90
GOETHSLN___LBMP 323567	20.78 0.37 -14.69	19.61 0.29 -14.52	18.26 0.26 -13.45	17.45 0.24 -12.61	17.33 0.23 -12.74	18.21 0.24 -13.38	18.70 0.26 -14.05	19.57 0.30 -14.18	20.35 0.51 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.47 -14.24	22.67 0.47 -14.46	22.33 0.32 -16.85	22.30 0.32 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.32 0.36 -21.87	29.42 0.34 -23.98	29.85 0.34 -24.42	28.13 0.35 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63
GOLAH___69_KV_TB 1_2 80279	7.80 0.01 -2.08	6.82 -0.03 -2.05	6.45 0.00 -1.90	6.39 0.00 -1.78	6.15 -0.02 -1.80	6.49 0.01 -1.89	6.38 0.00 -1.99	7.12 0.02 -2.01	9.82 -0.02 -1.65	9.82 0.01 -1.97	9.68 -0.02 -2.00	9.81 0.01 -2.01	9.78 0.00 -2.05	7.58 0.03 -2.38	7.49 0.01 -2.39	7.44 -0.04 -2.39	7.13 -0.03 -2.58	7.60 -0.03 -3.06	8.18 -0.01 -3.09	8.47 -0.02 -3.39	8.52 -0.03 -3.45	8.52 0.00 -3.17	7.31 0.01 -2.46	6.35 0.01 -2.35
GOODYEAR_LAKE_HYD 323669	9.58 0.23 -3.63	8.56 0.18 -3.59	8.05 0.17 -3.32	7.88 0.17 -3.12	7.68 0.17 -3.15	8.08 0.18 -3.31	8.05 0.17 -3.48	8.82 0.21 -3.51	11.43 0.35 -2.89	11.64 0.34 -3.45	11.54 0.34 -3.50	11.66 0.34 -3.53	11.65 0.33 -3.58	9.56 0.22 -4.18	9.49 0.21 -4.18	9.48 0.20 -4.19	9.27 0.17 -4.51	10.11 0.18 -5.36	10.72 0.22 -5.41	11.24 0.21 -5.93	11.34 0.21 -6.04	11.12 0.23 -5.55	9.34 0.20 -4.29	8.26 0.16 -4.11
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	10.68 0.08 -4.88	9.67 0.05 -4.82	9.07 0.05 -4.47	8.84 0.06 -4.19	8.64 0.05 -4.23	9.09 0.06 -4.44	9.12 0.06 -4.67	9.88 0.07 -4.71	12.17 0.11 -3.87	12.58 0.10 -4.63	12.48 0.09 -4.69	12.62 0.10 -4.73	12.64 0.10 -4.80	10.84 0.07 -5.60	10.76 0.06 -5.61	10.74 0.04 -5.61	10.68 0.05 -6.05	11.80 0.04 -7.18	12.42 0.06 -7.26	13.11 0.05 -7.96	13.24 0.04 -8.11	12.85 0.05 -7.45	10.67 0.06 -5.76	9.56 0.05 -5.52
GOUDEY___7 23579	10.68 0.08 -4.88	9.67 0.06 -4.82	9.07 0.05 -4.47	8.84 0.06 -4.19	8.64 0.05 -4.23	9.09 0.06 -4.44	9.12 0.06 -4.67	9.88 0.08 -4.71	12.18 0.12 -3.87	12.58 0.10 -4.63	12.49 0.10 -4.69	12.63 0.11 -4.73	12.65 0.11 -4.80	10.84 0.08 -5.60	10.76 0.06 -5.61	10.75 0.05 -5.61	10.68 0.05 -6.05	11.80 0.04 -7.18	12.42 0.06 -7.26	13.11 0.05 -7.96	13.24 0.04 -8.11	12.85 0.06 -7.45	10.68 0.06 -5.76	9.57 0.06 -5.52
GOUDEY___8 23580	10.68 0.08 -4.88	9.67 0.05 -4.82	9.07 0.05 -4.47	8.84 0.06 -4.19	8.64 0.05 -4.23	9.09 0.06 -4.44	9.12 0.06 -4.67	9.88 0.07 -4.71	12.17 0.11 -3.87	12.58 0.10 -4.63	12.48 0.09 -4.69	12.62 0.10 -4.73	12.64 0.10 -4.80	10.84 0.07 -5.60	10.76 0.06 -5.61	10.74 0.04 -5.61	10.68 0.05 -6.05	11.80 0.04 -7.18	12.42 0.06 -7.26	13.11 0.05 -7.96	13.24 0.04 -8.11	12.85 0.05 -7.45	10.67 0.06 -5.76	9.56 0.05 -5.52
GOWANUS_GT1_1 24077	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
GOWANUS_GT1_2 24078	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63

GOWANUS_GT3_2 24123	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
GOWANUS_GT3_3 24124	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
GOWANUS_GT3_4 24125	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
GOWANUS_GT3_5 24126	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
GOWANUS_GT3_6 24127	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
GOWANUS_GT3_7 24128	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -																				

GREENBSH_115KV_TB3 55895	24.14 0.24 -18.18	22.96 0.20 -17.97	21.39 0.19 -16.64	20.40 0.19 -15.61	20.31 0.18 -15.77	21.34 0.19 -16.56	21.95 0.18 -17.37	22.84 0.21 -17.54	22.96 0.36 -14.41	25.42 0.34 -17.24	25.49 0.33 -17.46	25.75 0.34 -17.62	25.96 0.34 -17.89	26.24 0.23 -20.85	26.19 0.22 -20.88	26.20 0.21 -20.89	27.31 0.20 -22.52	31.52 0.20 -26.74	32.37 0.22 -27.06	34.99 0.22 -29.68	35.52 0.21 -30.21	33.33 0.22 -27.77	26.54 0.21 -21.48	24.72 0.16 -20.58
GREENDGE_115KV_TB5 80291	8.90 0.11 -3.07	7.89 0.07 -3.03	7.43 0.07 -2.81	7.30 0.07 -2.63	7.09 0.07 -2.66	7.47 0.09 -2.79	7.43 0.10 -2.93	8.18 0.12 -2.96	10.82 0.20 -2.43	10.92 0.16 -2.91	10.79 0.15 -2.95	10.92 0.16 -2.97	10.91 0.15 -3.02	8.79 0.11 -3.52	8.70 0.08 -3.52	8.68 0.06 -3.53	8.45 0.07 -3.80	9.15 0.06 -4.51	9.75 0.09 -4.57	10.18 0.07 -5.01	10.25 0.06 -5.10	10.11 0.09 -4.68	8.57 0.10 -3.62	7.54 0.08 -3.47
GREENIDGE___3 23582	8.90 0.11 -3.07	7.89 0.07 -3.03	7.43 0.07 -2.81	7.30 0.07 -2.63	7.09 0.07 -2.66	7.47 0.09 -2.79	7.43 0.10 -2.93	8.18 0.12 -2.96	10.82 0.20 -2.43	10.92 0.16 -2.91	10.79 0.15 -2.95	10.92 0.16 -2.97	10.91 0.15 -3.02	8.79 0.11 -3.52	8.70 0.08 -3.52	8.68 0.06 -3.53	8.45 0.07 -3.80	9.15 0.06 -4.51	9.75 0.09 -4.57	10.18 0.07 -5.01	10.25 0.06 -5.10	10.11 0.09 -4.68	8.57 0.10 -3.62	7.54 0.08 -3.47
GREENIDGE___4 23583	8.90 0.11 -3.07	7.89 0.07 -3.03	7.43 0.07 -2.81	7.30 0.07 -2.63	7.09 0.07 -2.66	7.47 0.09 -2.79	7.43 0.10 -2.93	8.18 0.12 -2.96	10.82 0.20 -2.43	10.92 0.16 -2.91	10.79 0.15 -2.95	10.92 0.16 -2.97	10.91 0.15 -3.02	8.79 0.11 -3.52	8.70 0.08 -3.52	8.69 0.07 -3.53	8.45 0.07 -3.80	9.15 0.06 -4.51	9.75 0.09 -4.57	10.19 0.08 -5.01	10.25 0.06 -5.10	10.12 0.09 -4.68	8.58 0.10 -3.62	7.54 0.08 -3.47
GREENLWN_69_KV_BK 3 55738	25.44 0.51 -19.20	22.66 0.43 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.01 0.37 -15.28	21.08 0.39 -16.11	21.96 0.40 -17.17	22.38 0.46 -16.82	28.01 0.75 -19.08	29.87 0.75 -21.27	33.03 0.72 -24.61	38.51 0.71 -30.02	34.59 0.72 -26.14	34.88 0.48 -29.24	33.32 0.48 -27.74	32.01 0.48 -26.44	30.89 0.42 -25.89	34.53 0.43 -29.52	36.46 0.50 -30.85	38.87 0.49 -33.29	47.63 0.49 -42.05	35.11 0.52 -29.25	28.25 0.44 -22.96	25.76 0.37 -21.40
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.68 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.47 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.89 0.28 -16.63
GRISSOM___SOLAR 323813	27.80 0.55 -21.53	26.50 0.43 -21.28	24.67 0.41 -19.71	23.48 0.40 -18.48	23.40 0.38 -18.67	24.60 0.41 -19.60	25.35 0.37 -20.58	26.32 0.44 -20.78	26.07 0.81 -17.07	28.98 0.71 -20.42	29.05 0.67 -20.68	29.38 0.69 -20.90	29.60 0.64 -21.22	30.34 0.44 -24.74	30.31 0.44 -24.77	30.32 0.44 -24.79	31.71 0.41 -26.72	36.69 0.44 -31.68	37.62 0.48 -32.04	40.74 0.50 -35.14	41.36 0.49 -35.78	38.74 0.52 -32.88	30.80 0.52 -25.43	28.74 0.39 -24.37
GROVEVILLE___HYD 323602	20.75 0.34 -14.68	19.59 0.29 -14.52	18.25 0.26 -13.44	17.46 0.25 -12.61	17.34 0.24 -12.73	18.22 0.26 -13.37	18.69 0.25 -14.04	19.56 0.29 -14.17	20.33 0.50 -11.64	22.27 0.50 -13.92	22.29 0.49 -14.10	22.50 0.49 -14.23	22.67 0.49 -14.44	22.32 0.32 -16.83	22.28 0.32 -16.86	22.28 0.32 -16.87	23.05 0.28 -18.19	26.45 0.28 -21.59	27.26 0.33 -21.84	29.38 0.33 -23.96	29.83 0.35 -24.39	28.13 0.37 -22.41	22.49 0.31 -17.34	20.86 0.26 -16.61
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	7.54 0.02 -1.80	6.57 0.00 -1.78	6.21 0.00 -1.65	6.15 0.01 -1.55	5.92 0.00 -1.56	6.23 0.00 -1.64	6.11 -0.01 -1.72	6.83 -0.01 -1.74	9.62 0.00 -1.43	9.54 -0.02 -1.71	9.41 -0.02 -1.73	9.52 -0.01 -1.75	9.50 -0.01 -1.77	7.23 -0.01 -2.07	7.15 -0.02 -2.07	7.13 -0.03 -2.07	6.80 -0.02 -2.23	7.20 -0.03 -2.65	7.76 -0.02 -2.68	8.01 -0.03 -2.94	8.04 -0.04 -2.99	8.07 -0.03 -2.75	6.96 -0.01 -2.13	6.02 -0.01 -2.04
HAMLTNNY_34_KV_TB 80303	7.65 0.03 -1.90	6.67 0.01 -1.87	6.30 0.01 -1.74	6.24 0.01 -1.63	6.01 0.00 -1.64	6.32 0.00 -1.73	6.21 0.00 -1.81	6.93 0.01 -1.83	9.71 0.02 -1.50	9.67 0.02 -1.80	9.54 0.02 -1.82	9.65 0.02 -1.84	9.62 0.02 -1.87	7.36 0.02 -2.18	7.28 0.01 -2.18	7.26 -0.01 -2.18	6.93 0.00 -2.35	7.36 -0.01 -2.79	7.92 0.00 -2.82	8.18 -0.02 -3.10	8.22 -0.02 -3.15	8.23 -0.01 -2.90	7.09 0.00 -2.24	6.13 0.00 -2.15
HAMPSHIRE___PAPER_HYD 323593	4.47 -0.15 1.10	4.02 -0.13 0.64	4.14 -0.13 0.29	4.89 -0.13 -0.42	4.68 -0.11 -0.43	4.93 -0.11 -0.45	4.78 -0.09 -0.47	5.47 -0.10 -0.48	8.42 -0.16 -0.39	8.14 -0.17 -0.47	8.01 -0.16 -0.47	8.08 -0.19 -0.48	8.05 -0.17 -0.49	5.59 -0.14 -0.57	5.49 -0.17 -0.57	5.51 -0.15 -0.57	5.06 -0.14 -0.61	5.17 -0.14 -0.73	5.70 -0.14 -0.74	5.78 -0.13 -0.81	5.80 -0.11 -0.82	5.99 -0.11 -0.75	5.34 -0.09 -0.58	4.47 -0.08 -0.56
HARDSCRABBLE_WT_PWR 323673	5.80 -0.05 -0.13	4.84 -0.04 -0.09	4.57 -0.04 -0.06	4.56 -0.04 0.00	4.32 -0.04 0.00	4.54 -0.05 0.00	4.34 -0.06 0.00	5.04 -0.06 0.00	8.11 -0.08 0.00	7.73 -0.11 0.00	7.61 -0.09 0.00	7.68 -0.10 0.00	7.64 -0.09 0.00	5.09 -0.07 0.00	5.03 -0.07 0.00	5.02 -0.07 0.00	4.52 -0.06 0.00	4.52 -0.06 0.00	5.03 -0.07 0.00	5.02 -0.08 0.00	5.02 -0.07 0.00	5.27 -0.07 0.00	4.81 -0.04 0.00	3.95 -0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.81 0.33 -13.76	18.66 0.27 -13.60	17.39 0.24 -12.59	16.65 0.24 -11.81	16.52 0.23 -11.93	17.36 0.24 -12.53	17.79 0.24 -13.15	18.65 0.28 -13.28	19.57 0.47 -10.91	21.37 0.47 -13.05	21.37 0.45 -13.22	21.58 0.46 -13.34	21.73 0.46 -13.54	21.25 0.30 -15.78	21.20 0.30 -15.81	21.21 0.30 -15.82	21.90 0.26 -17.05	25.09 0.27 -20.25	25.89 0.31 -20.48	27.86 0.31 -22.46	28.28 0.32 -22.87	26.70 0.34 -21.01	21.40 0.29 -16.26	19.81 0.24 -15.58
HARSNRAD_115KV_TB1 81005	8.15 -0.11 -2.53	7.18 -0.12 -2.51	6.77 -0.10 -2.32	6.67 -0.10 -2.18	6.44 -0.12 -2.20	6.81 -0.08 -2.31	6.73 -0.09 -2.42	7.44 -0.10 -2.45	10.01 -0.19 -2.01	10.06 -0.19 -2.40	9.92 -0.22 -2.43	10.06 -0.19 -2.46	10.02 -0.21 -2.49	7.96 -0.11 -2.91	7.87 -0.13 -2.91	7.83 -0.17 -2.91	7.57 -0.15 -3.14	8.17 -0.14 -3.73	8.73 -0.13 -3.77	9.06 -0.17 -4.13	9.10 -0.20 -4.21	9.05 -0.16 -3.86	7.74 -0.11 -2.99	6.76 -0.09 -2.87
HARZA MOOSE___RIVER 24016	6.00 -0.01 -0.28	5.16 -0.01 -0.38	4.95 -0.02 -0.42	5.12 -0.02 -0.54	4.90 -0.01 -0.55	5.15 -0.01 -0.58	4.99 -0.01 -0.60	5.71 0.00 -0.61	8.71 0.02 -0.50	8.43 -0.02 -0.60	8.30 -0.01 -0.61	8.38 -0.02 -0.61	8.35 -0.01 -0.62	5.87 -0.02 -0.72	5.79 -0.04 -0.73	5.81 -0.01 -0.73	5.36 -0.01 -0.78	5.50 0.00 -0.93	6.06 0.02 -0.94	6.15 0.03 -1.03	6.17 0.03 -1.05	6.31 0.01 -0.96	5.61 0.01 -0.75	4.70 0.00 -0.71

HDSNBRDG_115KV_BRDG_TB1 355580	7.36 -0.01 -1.65	6.40 -0.02 -1.63	6.05 -0.01 -1.51	6.00 -0.01 -1.41	5.77 -0.02 -1.43	6.06 -0.02 -1.50	5.94 -0.03 -1.57	6.66 -0.03 -1.59	9.45 -0.04 -1.31	9.35 -0.05 -1.56	9.23 -0.05 -1.58	9.34 -0.05 -1.60	9.31 -0.05 -1.62	7.02 -0.03 -1.89	6.95 -0.04 -1.89	6.93 -0.06 -1.89	6.58 -0.04 -2.04	6.95 -0.05 -2.42	7.50 -0.05 -2.45	7.73 -0.06 -2.69	7.77 -0.06 -2.74	7.80 -0.05 -2.51	6.76 -0.04 -1.95	5.82 -0.03 -1.86
HELLGATE_13_KV_LD 55870	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.24 -13.38	18.69 0.25 -14.05	19.57 0.29 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.47 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.32 0.36 -21.87	29.42 0.34 -23.98	29.85 0.34 -24.42	28.14 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.24 -13.38	18.69 0.25 -14.05	19.57 0.29 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.47 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.32 0.36 -21.87	29.42 0.34 -23.98	29.85 0.34 -24.42	28.14 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
HEMPSTEAD____ 23647	25.36 0.43 -19.20	22.59 0.36 -17.44	20.16 0.33 -15.27	19.94 0.32 -15.03	19.95 0.31 -15.28	21.01 0.32 -16.11	21.90 0.33 -17.17	22.30 0.38 -16.82	27.89 0.62 -19.08	29.75 0.63 -21.27	32.91 0.61 -24.61	38.40 0.59 -30.02	34.47 0.60 -26.14	34.80 0.40 -29.24	33.24 0.40 -27.74	31.93 0.40 -26.44	30.81 0.34 -25.89	34.46 0.36 -29.52	36.37 0.42 -30.85	38.80 0.41 -33.29	47.56 0.42 -42.05	35.03 0.43 -29.25	28.18 0.37 -22.95	25.70 0.32 -21.40
HEWLETT_69_KV_BK3 55828	25.42 0.50 -19.20	22.65 0.42 -17.44	20.21 0.38 -15.27	20.00 0.37 -15.03	20.00 0.35 -15.28	21.07 0.37 -16.11	21.94 0.38 -17.17	22.36 0.44 -16.82	27.98 0.71 -19.08	29.81 0.70 -21.27	32.97 0.67 -24.61	38.48 0.68 -30.02	34.55 0.68 -26.14	34.86 0.45 -29.24	33.29 0.45 -27.74	31.98 0.45 -26.44	30.86 0.39 -25.89	34.50 0.41 -29.52	36.43 0.47 -30.85	38.85 0.46 -33.29	47.61 0.47 -42.05	35.08 0.49 -29.25	28.23 0.43 -22.95	25.75 0.36 -21.40
HICKLING___1 23621	9.71 0.06 -3.93	8.70 0.03 -3.88	8.18 0.04 -3.59	8.01 0.05 -3.37	7.81 0.04 -3.40	8.23 0.07 -3.57	8.22 0.07 -3.75	8.97 0.09 -3.79	11.44 0.14 -3.11	11.72 0.15 -3.72	11.60 0.13 -3.77	11.75 0.16 -3.81	11.75 0.15 -3.86	9.78 0.11 -4.50	9.69 0.08 -4.51	9.66 0.06 -4.51	9.51 0.06 -4.87	10.41 0.05 -5.78	11.02 0.08 -5.84	11.55 0.05 -6.41	11.65 0.03 -6.52	11.40 0.06 -6.00	9.55 0.06 -4.64	8.49 0.06 -4.44
HICKLING___2 23622	9.71 0.06 -3.93	8.70 0.03 -3.88	8.18 0.04 -3.59	8.01 0.05 -3.37	7.81 0.04 -3.40	8.23 0.07 -3.57	8.22 0.07 -3.75	8.97 0.09 -3.79	11.44 0.14 -3.11	11.72 0.15 -3.72	11.60 0.13 -3.77	11.75 0.16 -3.81	11.75 0.15 -3.86	9.78 0.11 -4.50	9.69 0.08 -4.51	9.66 0.06 -4.51	9.51 0.06 -4.87	10.41 0.05 -5.78	11.02 0.08 -5.84	11.55 0.05 -6.41	11.65 0.03 -6.52	11.40 0.06 -6.00	9.55 0.06 -4.64	8.49 0.06 -4.44
HIGH FALLS___HY 23754	20.43 0.33 -14.38	19.28 0.27 -14.22	17.95 0.23 -13.17	17.17 0.23 -12.35	17.05 0.22 -12.47	17.93 0.24 -13.10	18.38 0.23 -13.75	19.25 0.27 -13.88	20.06 0.47 -11.40	21.94 0.44 -13.66	21.95 0.42 -13.83	22.16 0.42 -13.96	22.33 0.43 -14.17	21.97 0.28 -16.52	21.91 0.28 -16.54	21.93 0.29 -16.55	22.66 0.24 -17.84	26.00 0.24 -21.19	26.82 0.30 -21.43	28.90 0.30 -23.51	29.35 0.33 -23.93	27.69 0.35 -21.99	22.15 0.29 -17.01	20.54 0.26 -16.30
HILLBURN___GT 23639	20.02 0.34 -13.96	18.87 0.28 -13.80	17.58 0.25 -12.78	16.82 0.24 -11.98	16.70 0.23 -12.11	17.54 0.24 -12.71	17.99 0.25 -13.35	18.86 0.29 -13.47	19.75 0.49 -11.07	21.55 0.46 -13.25	21.57 0.45 -13.41	21.77 0.45 -13.53	21.93 0.46 -13.74	21.49 0.30 -16.02	21.44 0.31 -16.04	21.45 0.31 -16.05	22.15 0.26 -17.30	25.39 0.27 -20.55	26.19 0.32 -20.78	28.20 0.31 -22.79	28.61 0.32 -23.20	27.00 0.33 -21.32	21.64 0.30 -16.49	20.04 0.25 -15.81
HILLSIDE_115KV_TB1 80332	9.77 0.01 -4.04	8.78 0.00 -3.99	8.25 0.00 -3.70	8.07 0.00 -3.47	7.86 0.00 -3.50	8.29 0.02 -3.68	8.28 0.02 -3.86	9.03 0.03 -3.90	11.44 0.05 -3.20	11.71 0.03 -3.83	11.60 0.02 -3.88	11.74 0.04 -3.92	11.74 0.03 -3.98	9.83 0.03 -4.64	9.74 0.01 -4.64	9.72 0.01 -4.65	9.59 0.00 -5.01	10.51 -0.01 -5.95	11.12 0.01 -6.01	11.68 -0.02 -6.60	11.78 -0.03 -6.71	11.50 -0.01 -6.17	9.63 0.01 -4.77	8.57 0.01 -4.57
HISHELDN_WT_PWR 323625	8.56 -0.14 -2.98	7.59 -0.14 -2.94	7.15 -0.13 -2.72	7.04 -0.11 -2.56	6.83 -0.11 -2.58	7.22 -0.08 -2.71	7.16 -0.08 -2.85	7.89 -0.08 -2.87	10.43 -0.12 -2.36	10.55 -0.12 -2.82	10.41 -0.15 -2.86	10.55 -0.12 -2.89	10.52 -0.15 -2.93	8.50 -0.08 -3.41	8.41 -0.11 -3.42	8.37 -0.14 -3.42	8.14 -0.13 -3.69	8.83 -0.13 -4.38	9.40 -0.13 -4.43	9.80 -0.15 -4.86	9.85 -0.19 -4.94	9.73 -0.16 -4.54	8.25 -0.11 -3.52	7.25 -0.10 -3.37
HOLTSVILLE_IC_1 23690	25.40 0.48 -19.20	22.64 0.40 -17.44	20.20 0.37 -15.27	19.99 0.37 -15.03	19.99 0.34 -15.28	21.06 0.37 -16.11	21.93 0.36 -17.17	22.34 0.42 -16.82	27.97 0.70 -19.08	29.83 0.71 -21.27	33.01 0.70 -24.61	38.49 0.69 -30.02	34.55 0.68 -26.14	34.85 0.44 -29.24	33.31 0.47 -27.74	32.00 0.47 -26.44	30.87 0.40 -25.89	34.52 0.43 -29.52	36.45 0.50 -30.85	38.87 0.49 -33.29	47.62 0.48 -42.05	35.09 0.50 -29.25	28.22 0.42 -22.95	25.75 0.36 -21.40
HOLTSVILLE_IC_10 23699	25.43 0.51 -19.20	22.66 0.42 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.01 0.37 -15.28	21.08 0.39 -16.11	21.95 0.39 -17.17	22.37 0.45 -16.82	28.01 0.75 -19.08	29.89 0.78 -21.27	33.08 0.77 -24.61	38.56 0.76 -30.02	34.62 0.75 -26.14	34.90 0.49 -29.24	33.36 0.52 -27.74	32.05 0.51 -26.44	30.91 0.44 -25.89	34.57 0.47 -29.52	36.50 0.55 -30.85	38.92 0.54 -33.29	47.68 0.53 -42.05	35.15 0.56 -29.25	28.25 0.45 -22.95	25.77 0.39 -21.40
HOLTSVILLE_IC_2 23691	25.40 0.48 -19.20	22.64 0.40 -17.44	20.20 0.37 -15.27	19.99 0.37 -15.03	19.99 0.34 -15.28	21.06 0.37 -16.11	21.93 0.36 -17.17	22.34 0.42 -16.82	27.97 0.70 -19.08	29.83 0.71 -21.27	33.01 0.70 -24.61	38.49 0.69 -30.02	34.55 0.68 -26.14	34.85 0.44 -29.24	33.31 0.47 -27.74	32.00 0.47 -26.44	30.87 0.40 -25.89	34.52 0.43 -29.52	36.45 0.50 -30.85	38.87 0.49 -33.29	47.62 0.48 -42.05	35.09 0.50 -29.25	28.22 0.42 -22.95	25.75 0.36 -21.40
HOLTSVILLE_IC_3 23692	25.40 0.48 -19.20	22.64 0.40 -17.44	20.20 0.37 -15.27	19.99 0.37 -15.03	19.99 0.34 -15.28	21.06 0.37 -16.11	21.93 0.36 -17.17	22.34 0.42 -16.82	27.97 0.70 -19.08	29.83 0.71 -21.27	33.01 0.70 -24.61	38.49 0.69 -30.02	34.55 0.68 -26.14	34.85 0.44 -29.24	33.31 0.47 -27.74	32.00 0.47 -26.44	30.87 0.40 -25.89	34.52 0.43 -29.52	36.45 0.50 -30.85	38.87 0.49 -33.29	47.62 0.48 -42.05	35.09 0.50 -29.25	28.22 0.42 -22.95	25.75 0.36 -21.40

HOLTSVILLE_IC_4 23693	25.40 0.48 -19.20	22.64 0.40 -17.44	20.20 0.37 -15.27	19.99 0.37 -15.03	19.99 0.34 -15.28	21.06 0.37 -16.11	21.93 0.36 -17.17	22.34 0.42 -16.82	27.97 0.70 -19.08	29.83 0.71 -21.27	33.01 0.70 -24.61	38.49 0.69 -30.02	34.55 0.68 -26.14	34.85 0.44 -29.24	33.31 0.47 -27.74	32.00 0.47 -26.44	30.87 0.40 -25.89	34.52 0.43 -29.52	36.45 0.50 -30.85	38.87 0.49 -33.29	47.62 0.48 -42.05	35.09 0.50 -29.25	28.22 0.42 -22.95	25.75 0.36 -21.40
HOLTSVILLE_IC_5 23694	25.40 0.48 -19.20	22.64 0.40 -17.44	20.20 0.37 -15.27	19.99 0.37 -15.03	19.99 0.34 -15.28	21.06 0.37 -16.11	21.93 0.36 -17.17	22.34 0.42 -16.82	27.97 0.70 -19.08	29.83 0.71 -21.27	33.01 0.70 -24.61	38.49 0.69 -30.02	34.55 0.68 -26.14	34.85 0.44 -29.24	33.31 0.47 -27.74	32.00 0.47 -26.44	30.87 0.40 -25.89	34.52 0.43 -29.52	36.45 0.50 -30.85	38.87 0.49 -33.29	47.62 0.48 -42.05	35.09 0.50 -29.25	28.22 0.42 -22.95	25.75 0.36 -21.40
HOLTSVILLE_IC_6 23695	25.43 0.51 -19.20	22.66 0.42 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.01 0.37 -15.28	21.08 0.39 -16.11	21.95 0.39 -17.17	22.37 0.45 -16.82	28.01 0.75 -19.08	29.89 0.78 -21.27	33.08 0.77 -24.61	38.56 0.76 -30.02	34.62 0.75 -26.14	34.90 0.49 -29.24	33.36 0.52 -27.74	32.05 0.51 -26.44	30.91 0.44 -25.89	34.57 0.47 -29.52	36.50 0.55 -30.85	38.92 0.54 -33.29	47.68 0.53 -42.05	35.15 0.56 -29.25	28.25 0.45 -22.95	25.77 0.39 -21.40
HOLTSVILLE_IC_7 23696	25.43 0.51 -19.20	22.66 0.42 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.01 0.37 -15.28	21.08 0.39 -16.11	21.95 0.39 -17.17	22.37 0.45 -16.82	28.01 0.75 -19.08	29.89 0.78 -21.27	33.08 0.77 -24.61	38.56 0.76 -30.02	34.62 0.75 -26.14	34.90 0.49 -29.24	33.36 0.52 -27.74	32.05 0.51 -26.44	30.91 0.44 -25.89	34.57 0.47 -29.52	36.50 0.55 -30.85	38.92 0.54 -33.29	47.68 0.53 -42.05	35.15 0.56 -29.25	28.25 0.45 -22.95	25.77 0.39 -21.40
HOLTSVILLE_IC_8 23697	25.43 0.51 -19.20	22.66 0.42 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.01 0.37 -15.28	21.08 0.39 -16.11	21.95 0.39 -17.17	22.37 0.45 -16.82	28.01 0.75 -19.08	29.89 0.78 -21.27	33.08 0.77 -24.61	38.56 0.76 -30.02	34.62 0.75 -26.14	34.90 0.49 -29.24	33.36 0.52 -27.74	32.05 0.51 -26.44	30.91 0.44 -25.89	34.57 0.47 -29.52	36.50 0.55 -30.85	38.92 0.54 -33.29	47.68 0.53 -42.05	35.15 0.56 -29.25	28.25 0.45 -22.95	25.77 0.39 -21.40
HOLTSVILLE_IC_9 23698	25.43 0.51 -19.20	22.66 0.42 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.01 0.37 -15.28	21.08 0.39 -16.11	21.95 0.39 -17.17	22.37 0.45 -16.82	28.01 0.75 -19.08	29.89 0.78 -21.27	33.08 0.77 -24.61	38.56 0.76 -30.02	34.62 0.75 -26.14	34.90 0.49 -29.24	33.36 0.52 -27.74	32.05 0.51 -26.44	30.91 0.44 -25.89	34.57 0.47 -29.52	36.50 0.55 -30.85	38.92 0.54 -33.29	47.68 0.53 -42.05	35.15 0.56 -29.25	28.25 0.45 -22.95	25.77 0.39 -21.40
HOMER_HL_115KV_TB2 355744	8.65 -0.11 -3.04	7.68 -0.12 -3.01	7.23 -0.11 -2.78	7.11 -0.10 -2.61	6.89 -0.10 -2.64	7.29 -0.07 -2.77	7.24 -0.06 -2.91	7.98 -0.06 -2.93	10.50 -0.10 -2.41	10.63 -0.09 -2.88	10.49 -0.13 -2.92	10.63 -0.10 -2.95	10.60 -0.12 -2.99	8.59 -0.07 -3.49	8.49 -0.10 -3.49	8.45 -0.14 -3.50	8.24 -0.11 -3.77	8.95 -0.11 -4.47	9.52 -0.10 -4.52	9.93 -0.13 -4.96	9.98 -0.16 -5.05	9.85 -0.13 -4.64	8.35 -0.10 -3.59	7.34 -0.09 -3.44
HOWARD_WT_PWR 323690	9.08 0.20 -3.16	8.05 0.14 -3.12	7.59 0.14 -2.89	7.46 0.16 -2.71	7.25 0.15 -2.74	7.66 0.19 -2.88	7.62 0.20 -3.02	8.40 0.25 -3.05	11.10 0.41 -2.51	11.20 0.36 -3.00	11.07 0.33 -3.03	11.21 0.37 -3.06	11.19 0.35 -3.11	9.03 0.24 -3.62	8.93 0.20 -3.63	8.90 0.17 -3.63	8.66 0.16 -3.92	9.36 0.14 -4.65	9.99 0.19 -4.70	10.42 0.17 -5.16	10.49 0.15 -5.25	10.36 0.19 -4.82	8.77 0.19 -3.73	7.72 0.16 -3.58
HQ_GEN_CEDARS 23644	2.70 -0.17 2.85	2.64 -0.14 2.01	3.11 -0.13 1.32	4.47 -0.13 0.00	4.25 -0.11 0.00	4.48 -0.11 0.00	4.30 -0.10 0.00	4.99 -0.11 0.00	8.00 -0.19 0.00	7.65 -0.20 0.00	7.52 -0.18 0.00	7.59 -0.19 0.00	7.55 -0.19 0.00	5.03 -0.14 0.00	4.96 -0.13 0.00	4.96 -0.13 0.00	4.46 -0.12 0.00	4.46 -0.11 0.00	4.96 -0.14 0.00	4.97 -0.13 0.00	4.97 -0.12 0.00	5.21 -0.13 0.00	4.74 -0.11 0.00	3.90 -0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	2.70 -0.17 2.85	2.64 -0.14 2.01	3.11 -0.13 1.32	4.47 -0.13 0.00	4.25 -0.11 0.00	4.48 -0.11 0.00	4.30 -0.10 0.00	4.99 -0.11 0.00	8.00 -0.19 0.00	7.66 -0.19 0.00	7.52 -0.18 0.00	7.59 -0.19 0.00	7.55 -0.19 0.00	5.03 -0.13 0.00	4.96 -0.13 0.00	4.96 -0.13 0.00	4.46 -0.12 0.00	4.46 -0.11 0.00	4.96 -0.14 0.00	4.96 -0.13 0.00	4.97 -0.12 0.00	4.97 -0.13 0.24	4.99 -0.11 -0.24	3.90 -0.08 0.00
HQ_GEN_IMPORT 323601	5.00 -0.13 0.59	4.27 -0.10 0.42	4.18 -0.10 0.28	4.50 -0.10 0.00	4.27 -0.09 0.00	4.50 -0.09 0.00	4.32 -0.08 0.00	5.00 -0.10 0.00	8.03 -0.16 0.00	7.69 -0.16 0.00	7.55 -0.15 0.00	7.63 -0.16 0.00	7.58 -0.15 0.00	5.06 -0.11 0.00	5.00 -0.10 0.00	5.00 -0.09 0.00	4.50 -0.08 0.00	4.50 -0.08 0.00	5.00 -0.10 0.00	5.00 -0.10 0.00	5.00 -0.09 0.00	5.00 -0.10 0.24	5.00 -0.09 -0.24	3.91 -0.07 0.00
HQ_GEN_WHEEL 23651	5.00 -0.13 0.59	4.27 -0.10 0.42	4.18 -0.10 0.28	4.50 -0.10 0.00	4.27 -0.09 0.00	4.50 -0.09 0.00	4.32 -0.08 0.00	5.00 -0.10 0.00	8.03 -0.16 0.00	7.69 -0.16 0.00	7.55 -0.15 0.00	7.63 -0.16 0.00	7.58 -0.15 0.00	5.06 -0.11 0.00	5.00 -0.10 0.00	5.00 -0.09 0.00	4.50 -0.08 0.00	4.50 -0.08 0.00	5.00 -0.10 0.00	5.00 -0.10 0.00	5.00 -0.09 0.00	5.00 -0.10 0.24	5.00 -0.09 -0.24	3.91 -0.07 0.00
HUDSON_AVE_GT_3 23810	20.79 0.38 -14.69	19.63 0.31 -14.52	18.28 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.23 0.26 -13.38	18.71 0.27 -14.05	19.59 0.32 -14.18	20.37 0.53 -11.65	22.31 0.53 -13.94	22.32 0.51 -14.11	22.53 0.50 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.34 -16.88	22.32 0.34 -16.89	23.08 0.29 -18.21	26.51 0.31 -21.62	27.34 0.37 -21.87	29.44 0.36 -23.98	29.87 0.36 -24.42	28.16 0.37 -22.44	22.52 0.32 -17.36	20.90 0.28 -16.63
HUDSON_AVE_GT_4 23540	20.79 0.38 -14.69	19.63 0.31 -14.52	18.28 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.23 0.26 -13.38	18.71 0.27 -14.05	19.59 0.32 -14.18	20.37 0.53 -11.65	22.31 0.53 -13.94	22.32 0.51 -14.11	22.53 0.50 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.34 -16.88	22.32 0.34 -16.89	23.08 0.29 -18.21	26.51 0.31 -21.62	27.34 0.37 -21.87	29.44 0.36 -23.98	29.87 0.36 -24.42	28.16 0.37 -22.44	22.52 0.32 -17.36	20.90 0.28 -16.63
HUDSON_AVE_GT_5 23657	20.79 0.38 -14.69	19.63 0.31 -14.52	18.28 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.23 0.26 -13.38	18.71 0.27 -14.05	19.59 0.32 -14.18	20.37 0.53 -11.65	22.31 0.53 -13.94	22.32 0.51 -14.11	22.53 0.50 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.34 -16.88	22.32 0.34 -16.89	23.08 0.29 -18.21	26.51 0.31 -21.62	27.34 0.37 -21.87	29.44 0.36 -23.98	29.87 0.36 -24.42	28.16 0.37 -22.44	22.52 0.32 -17.36	20.90 0.28 -16.63

HUDSON_AVE_10 24168	20.77 0.36 -14.69	19.61 0.30 -14.52	18.27 0.26 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.25 -13.38	18.70 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.30 0.49 -14.11	22.50 0.47 -14.24	22.67 0.48 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.32 0.36 -21.87	29.42 0.34 -23.98	29.85 0.34 -24.42	28.14 0.36 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63
HUDSON___115KV_TB 4 355613	23.70 0.30 -17.68	22.51 0.24 -17.48	20.97 0.22 -16.19	20.00 0.23 -15.18	19.91 0.21 -15.34	20.92 0.23 -16.11	21.51 0.21 -16.90	22.40 0.24 -17.06	22.65 0.44 -14.01	25.04 0.42 -16.77	25.07 0.39 -16.98	25.34 0.42 -17.14	25.54 0.41 -17.40	25.71 0.27 -20.28	25.66 0.26 -20.31	25.67 0.25 -20.32	26.74 0.25 -21.91	30.83 0.24 -26.01	31.69 0.27 -26.33	34.25 0.28 -28.88	34.78 0.29 -29.40	32.66 0.30 -27.02	26.02 0.27 -20.90	24.21 0.20 -20.03
HUNTER MOUNT___DRP 323613	23.15 0.30 -17.13	21.96 0.23 -16.94	20.46 0.22 -15.68	19.53 0.23 -14.71	19.43 0.21 -14.86	20.42 0.23 -15.60	20.97 0.21 -16.37	21.86 0.24 -16.52	22.21 0.44 -13.58	24.53 0.43 -16.25	24.55 0.40 -16.45	24.82 0.43 -16.61	25.00 0.41 -16.86	25.08 0.26 -19.65	25.03 0.26 -19.68	25.04 0.26 -19.69	26.07 0.26 -21.23	30.03 0.24 -25.21	30.87 0.27 -25.51	33.35 0.28 -27.98	33.88 0.31 -28.48	31.84 0.32 -26.18	25.38 0.28 -20.25	23.59 0.20 -19.40
HUNTINGTON_RES_REC 323705	25.43 0.51 -19.20	22.66 0.43 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.01 0.37 -15.28	21.08 0.39 -16.11	21.96 0.39 -17.17	22.37 0.45 -16.82	28.01 0.75 -19.08	29.88 0.76 -21.27	33.06 0.75 -24.61	38.55 0.75 -30.02	34.62 0.75 -26.14	34.90 0.50 -29.24	33.35 0.51 -27.74	32.04 0.51 -26.44	30.91 0.44 -25.89	34.56 0.46 -29.52	36.49 0.54 -30.85	38.91 0.53 -33.29	47.67 0.52 -42.05	35.14 0.55 -29.25	28.25 0.45 -22.96	25.77 0.38 -21.40
HUNTLEY___63 23557	8.25 -0.09 -2.62	7.27 -0.10 -2.59	6.86 -0.09 -2.39	6.76 -0.08 -2.25	6.53 -0.10 -2.27	6.90 -0.06 -2.38	6.82 -0.07 -2.50	7.55 -0.07 -2.52	10.13 -0.13 -2.07	10.19 -0.13 -2.48	10.04 -0.17 -2.51	10.18 -0.13 -2.53	10.15 -0.15 -2.57	8.09 -0.07 -2.99	8.00 -0.10 -3.00	7.95 -0.14 -3.00	7.70 -0.12 -3.23	8.31 -0.11 -3.84	8.88 -0.10 -3.88	9.21 -0.14 -4.26	9.24 -0.17 -4.32	9.18 -0.13 -3.97	7.85 -0.08 -3.08	6.87 -0.08 -2.96
HUNTLEY___64 23558	8.25 -0.09 -2.62	7.27 -0.10 -2.59	6.86 -0.09 -2.39	6.76 -0.08 -2.25	6.53 -0.10 -2.27	6.90 -0.06 -2.38	6.82 -0.07 -2.50	7.55 -0.07 -2.52	10.13 -0.13 -2.07	10.19 -0.13 -2.48	10.04 -0.17 -2.51	10.18 -0.13 -2.53	10.15 -0.15 -2.57	8.09 -0.07 -2.99	8.00 -0.10 -3.00	7.95 -0.14 -3.00	7.70 -0.12 -3.23	8.31 -0.11 -3.84	8.88 -0.10 -3.88	9.21 -0.14 -4.26	9.24 -0.17 -4.32	9.18 -0.13 -3.97	7.85 -0.08 -3.08	6.87 -0.08 -2.96
HUNTLEY___65 23559	8.25 -0.09 -2.62	7.27 -0.10 -2.59	6.86 -0.09 -2.39	6.76 -0.08 -2.25	6.53 -0.10 -2.27	6.90 -0.06 -2.38	6.82 -0.07 -2.50	7.55 -0.07 -2.52	10.13 -0.13 -2.07	10.19 -0.13 -2.48	10.04 -0.17 -2.51	10.18 -0.13 -2.53	10.15 -0.15 -2.57	8.09 -0.07 -2.99	8.00 -0.10 -3.00	7.95 -0.14 -3.00	7.70 -0.12 -3.23	8.31 -0.11 -3.84	8.88 -0.10 -3.88	9.21 -0.14 -4.26	9.24 -0.17 -4.32	9.18 -0.13 -3.97	7.85 -0.08 -3.08	6.87 -0.08 -2.96
HUNTLEY___66 23560	8.25 -0.09 -2.62	7.27 -0.10 -2.59	6.86 -0.09 -2.39	6.76 -0.08 -2.25	6.53 -0.10 -2.27	6.90 -0.06 -2.38	6.82 -0.07 -2.50	7.55 -0.07 -2.52	10.13 -0.13 -2.07	10.19 -0.13 -2.48	10.04 -0.17 -2.51	10.18 -0.13 -2.53	10.15 -0.15 -2.57	8.09 -0.07 -2.99	8.00 -0.10 -3.00	7.95 -0.14 -3.00	7.70 -0.12 -3.23	8.31 -0.11 -3.84	8.88 -0.10 -3.88	9.21 -0.14 -4.26	9.24 -0.17 -4.32	9.18 -0.13 -3.97	7.85 -0.08 -3.08	6.87 -0.08 -2.96
HUNTLEY___67 23561	8.27 -0.11 -2.66	7.30 -0.12 -2.63	6.88 -0.11 -2.44	6.78 -0.10 -2.29	6.56 -0.11 -2.31	6.93 -0.08 -2.42	6.86 -0.08 -2.55	7.59 -0.08 -2.57	10.15 -0.15 -2.11	10.22 -0.15 -2.53	10.08 -0.18 -2.56	10.22 -0.15 -2.58	10.19 -0.16 -2.62	8.14 -0.08 -3.05	8.05 -0.11 -3.06	8.00 -0.15 -3.06	7.76 -0.12 -3.30	8.38 -0.11 -3.92	8.95 -0.11 -3.96	9.29 -0.15 -4.35	9.34 -0.17 -4.42	9.27 -0.14 -4.06	7.90 -0.09 -3.15	6.91 -0.09 -3.01
HUNTLEY___68 23562	8.27 -0.11 -2.66	7.30 -0.12 -2.63	6.88 -0.11 -2.44	6.78 -0.10 -2.29	6.56 -0.11 -2.31	6.93 -0.08 -2.42	6.86 -0.08 -2.55	7.59 -0.08 -2.57	10.15 -0.15 -2.11	10.22 -0.15 -2.53	10.08 -0.18 -2.56	10.22 -0.15 -2.58	10.19 -0.16 -2.62	8.14 -0.08 -3.05	8.05 -0.11 -3.06	8.00 -0.15 -3.06	7.76 -0.12 -3.30	8.38 -0.11 -3.92	8.95 -0.11 -3.96	9.29 -0.15 -4.35	9.34 -0.17 -4.42	9.27 -0.14 -4.06	7.90 -0.09 -3.15	6.91 -0.09 -3.01
HYLAND___LFGE 323620	8.64 0.31 -2.61	7.58 0.21 -2.58	7.16 0.22 -2.39	7.06 0.23 -2.24	6.82 0.19 -2.26	7.21 0.24 -2.38	7.14 0.25 -2.50	7.92 0.30 -2.52	10.66 0.40 -2.07	10.76 0.44 -2.48	10.56 0.35 -2.51	10.70 0.38 -2.53	10.65 0.34 -2.57	8.38 0.22 -3.00	8.29 0.19 -3.00	8.25 0.15 -3.00	7.97 0.15 -3.24	8.61 0.18 -3.84	9.27 0.29 -3.89	9.67 0.31 -4.26	9.74 0.31 -4.34	9.69 0.36 -3.99	8.24 0.31 -3.09	7.18 0.24 -2.96
INDECK___CORINTH 23802	24.99 0.28 -18.99	23.78 0.22 -18.78	22.14 0.21 -17.39	21.10 0.20 -16.30	21.02 0.19 -16.47	22.08 0.20 -17.30	22.75 0.19 -18.16	23.66 0.23 -18.33	23.70 0.45 -15.06	26.34 0.48 -18.02	26.38 0.44 -18.25	26.70 0.48 -18.44	26.93 0.47 -18.72	27.29 0.30 -21.82	27.25 0.30 -21.85	27.25 0.29 -21.87	28.44 0.28 -23.58	32.82 0.29 -27.95	33.66 0.30 -28.27	36.42 0.32 -31.00	36.96 0.30 -31.56	34.66 0.31 -29.01	27.56 0.27 -22.44	25.68 0.19 -21.50
INDECK___ILION 23567	5.85 0.01 -0.13	4.88 0.00 -0.09	4.61 0.00 -0.06	4.60 0.00 0.00	4.36 0.00 0.00	4.58 0.00 0.00	4.39 -0.01 0.00	5.09 -0.01 0.00	8.19 0.00 0.00	7.82 -0.02 0.00	7.68 -0.02 0.00	7.77 -0.02 0.00	7.72 -0.02 0.00	5.15 -0.02 0.00	5.08 -0.02 0.00	5.07 -0.02 0.00	4.57 -0.01 0.00	4.56 -0.01 0.00	5.09 -0.01 0.00	5.08 -0.02 0.00	5.08 -0.02 0.00	5.33 -0.01 0.00	4.85 0.00 0.00	3.98 0.00 0.00
INDECK___OLEAN 23982	8.65 -0.11 -3.04	7.68 -0.12 -3.01	7.23 -0.11 -2.78	7.11 -0.10 -2.61	6.89 -0.10 -2.64	7.29 -0.07 -2.77	7.24 -0.06 -2.91	7.98 -0.06 -2.93	10.50 -0.10 -2.41	10.64 -0.09 -2.88	10.49 -0.13 -2.92	10.63 -0.10 -2.95	10.60 -0.12 -2.99	8.59 -0.07 -3.49	8.49 -0.10 -3.49	8.45 -0.13 -3.50	8.24 -0.11 -3.77	8.95 -0.11 -4.47	9.52 -0.10 -4.52	9.94 -0.12 -4.96	9.98 -0.16 -5.05	9.85 -0.13 -4.64	8.35 -0.10 -3.59	7.34 -0.09 -3.44
INDECK___OSWEGO 23783	7.04 -0.07 -1.39	6.12 -0.07 -1.40	5.80 -0.06 -1.31	5.80 -0.06 -1.27	5.58 -0.07 -1.28	5.85 -0.08 -1.34	5.72 -0.08 -1.41	6.43 -0.09 -1.42	9.21 -0.15 -1.17	9.10 -0.15 -1.40	8.96 -0.15 -1.42	9.06 -0.16 -1.43	9.03 -0.15 -1.45	6.76 -0.10 -1.69	6.68 -0.12 -1.70	6.67 -0.12 -1.70	6.31 -0.11 -1.83	6.64 -0.11 -2.17	7.18 -0.12 -2.20	7.38 -0.12 -2.41	7.42 -0.13 -2.45	7.48 -0.12 -2.25	6.49 -0.10 -1.74	5.57 -0.08 -1.67

INDECK___YERKES 23781	8.26 -0.08 -2.62	7.28 -0.10 -2.59	6.86 -0.09 -2.39	6.76 -0.08 -2.25	6.53 -0.10 -2.27	6.91 -0.06 -2.38	6.83 -0.07 -2.50	7.55 -0.07 -2.52	10.14 -0.12 -2.07	10.20 -0.13 -2.48	10.05 -0.16 -2.51	10.18 -0.13 -2.53	10.16 -0.15 -2.57	8.09 -0.07 -2.99	8.00 -0.09 -3.00	7.95 -0.14 -3.00	7.70 -0.11 -3.23	8.31 -0.11 -3.84	8.88 -0.10 -3.88	9.23 -0.12 -4.26	9.25 -0.16 -4.32	9.18 -0.13 -3.97	7.85 -0.08 -3.08	6.87 -0.08 -2.96
INDIAN POINT_GT_1 24139	20.58 0.33 -14.54	19.44 0.27 -14.37	18.10 0.24 -13.31	17.32 0.24 -12.48	17.19 0.22 -12.61	18.07 0.24 -13.24	18.54 0.24 -13.90	19.41 0.28 -14.03	20.19 0.47 -11.53	22.11 0.47 -13.79	22.12 0.45 -13.97	22.33 0.45 -14.09	22.51 0.46 -14.31	22.15 0.30 -16.68	22.10 0.31 -16.70	22.11 0.31 -16.71	22.86 0.26 -18.02	26.25 0.27 -21.40	27.06 0.33 -21.64	29.15 0.32 -23.73	29.57 0.32 -24.16	27.89 0.34 -22.20	22.31 0.29 -17.18	20.69 0.24 -16.46
INDIAN POINT_GT_2 23659	20.58 0.33 -14.54	19.44 0.27 -14.37	18.10 0.24 -13.31	17.32 0.24 -12.48	17.19 0.22 -12.61	18.07 0.24 -13.24	18.54 0.24 -13.90	19.41 0.28 -14.03	20.19 0.47 -11.53	22.11 0.47 -13.79	22.12 0.45 -13.97	22.33 0.45 -14.09	22.51 0.46 -14.31	22.15 0.30 -16.68	22.10 0.31 -16.70	22.11 0.31 -16.71	22.86 0.26 -18.02	26.25 0.27 -21.40	27.06 0.33 -21.64	29.15 0.32 -23.73	29.57 0.32 -24.16	27.89 0.34 -22.20	22.31 0.29 -17.18	20.69 0.24 -16.46
INDIAN POINT_GT_3 24019	20.58 0.33 -14.54	19.44 0.27 -14.37	18.10 0.24 -13.31	17.32 0.24 -12.48	17.19 0.22 -12.61	18.07 0.24 -13.24	18.54 0.24 -13.90	19.41 0.28 -14.03	20.19 0.47 -11.53	22.11 0.47 -13.79	22.12 0.45 -13.97	22.33 0.45 -14.09	22.51 0.46 -14.31	22.15 0.30 -16.68	22.10 0.31 -16.70	22.11 0.31 -16.71	22.86 0.26 -18.02	26.25 0.27 -21.40	27.06 0.33 -21.64	29.15 0.32 -23.73	29.57 0.32 -24.16	27.89 0.34 -22.20	22.31 0.29 -17.18	20.69 0.24 -16.46
INDIAN POINT___2 23530	20.38 0.33 -14.33	19.23 0.27 -14.17	17.91 0.24 -13.12	17.14 0.24 -12.30	17.01 0.22 -12.43	17.87 0.24 -13.05	18.34 0.24 -13.70	19.21 0.28 -13.83	20.03 0.47 -11.36	21.91 0.47 -13.60	21.92 0.45 -13.77	22.13 0.45 -13.89	22.30 0.46 -14.10	21.91 0.30 -16.44	21.86 0.31 -16.46	21.87 0.31 -16.47	22.60 0.26 -17.76	25.94 0.27 -21.09	26.75 0.32 -21.33	28.81 0.32 -23.39	29.23 0.32 -23.81	27.57 0.34 -21.89	22.06 0.28 -16.93	20.45 0.24 -16.22
INDIAN POINT___3 23531	20.59 0.33 -14.55	19.44 0.27 -14.38	18.11 0.24 -13.32	17.32 0.24 -12.49	17.20 0.22 -12.62	18.07 0.24 -13.25	18.55 0.24 -13.91	19.42 0.28 -14.04	20.20 0.47 -11.54	22.12 0.47 -13.80	22.13 0.45 -13.97	22.34 0.45 -14.10	22.51 0.46 -14.32	22.16 0.30 -16.69	22.11 0.31 -16.71	22.12 0.30 -16.72	22.87 0.26 -18.03	26.26 0.27 -21.41	27.07 0.32 -21.65	29.16 0.31 -23.75	29.58 0.32 -24.18	27.89 0.33 -22.22	22.32 0.28 -17.19	20.69 0.24 -16.47
INGHAM_C_115KV_TB7 356103	5.81 -0.04 -0.13	4.85 -0.03 -0.09	4.58 -0.04 -0.06	4.56 -0.04 0.00	4.33 -0.03 0.00	4.54 -0.05 0.00	4.34 -0.05 0.00	5.05 -0.05 0.00	8.12 -0.07 0.00	7.74 -0.10 0.00	7.61 -0.09 0.00	7.68 -0.10 0.00	7.63 -0.10 0.00	5.09 -0.07 0.00	5.02 -0.08 0.00	5.01 -0.08 0.00	4.51 -0.07 0.00	4.51 -0.06 0.00	5.03 -0.07 0.00	5.02 -0.08 0.00	5.02 -0.07 0.00	5.27 -0.07 0.00	4.81 -0.04 0.00	3.95 -0.04 0.00
IP CORINTH___1 23988	24.99 0.28 -18.99	23.78 0.22 -18.78	22.14 0.20 -17.39	21.10 0.20 -16.30	21.02 0.19 -16.47	22.08 0.20 -17.30	22.77 0.19 -18.19	23.69 0.23 -18.36	23.72 0.45 -15.08	26.37 0.48 -18.05	26.41 0.44 -18.27	26.70 0.47 -18.44	26.93 0.47 -18.72	27.29 0.30 -21.82	27.25 0.30 -21.85	27.25 0.29 -21.87	28.44 0.28 -23.58	32.86 0.29 -27.99	33.66 0.30 -28.27	36.42 0.32 -31.00	36.95 0.30 -31.56	34.66 0.31 -29.01	27.56 0.27 -22.44	25.68 0.19 -21.50
IP___TICONDEROGA 23804	25.20 0.52 -18.96	23.93 0.40 -18.75	22.30 0.39 -17.36	21.25 0.38 -16.28	21.16 0.35 -16.45	22.23 0.37 -17.27	22.90 0.35 -18.16	23.85 0.42 -18.33	24.07 0.82 -15.06	26.72 0.86 -18.02	26.71 0.77 -18.24	27.04 0.84 -18.41	27.26 0.83 -18.69	27.48 0.53 -21.79	27.44 0.52 -21.82	27.42 0.49 -21.83	28.61 0.49 -23.54	33.03 0.51 -27.95	33.85 0.53 -28.22	36.61 0.56 -30.96	37.14 0.53 -31.51	34.85 0.55 -28.96	27.74 0.49 -22.41	25.79 0.34 -21.47
ISLIP_RES_REC 323679	25.45 0.53 -19.20	22.67 0.44 -17.44	20.23 0.41 -15.27	20.02 0.40 -15.03	20.02 0.38 -15.28	21.09 0.40 -16.11	21.97 0.40 -17.17	22.38 0.46 -16.82	28.04 0.78 -19.08	29.93 0.81 -21.27	33.11 0.81 -24.61	38.61 0.80 -30.02	34.66 0.79 -26.14	34.92 0.52 -29.24	33.38 0.55 -27.74	32.07 0.54 -26.44	30.93 0.46 -25.89	34.59 0.49 -29.52	36.52 0.57 -30.85	38.94 0.56 -33.29	47.70 0.56 -42.05	35.18 0.58 -29.25	28.27 0.47 -22.95	25.79 0.40 -21.40
JAMAICA__27_KV_LOAD 355505	20.79 0.38 -14.69	19.63 0.32 -14.52	18.28 0.28 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.23 0.26 -13.38	18.72 0.28 -14.05	19.61 0.33 -14.18	20.40 0.57 -11.65	22.35 0.56 -13.94	22.31 0.50 -14.11	22.51 0.48 -14.24	22.67 0.48 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.07 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.53 0.32 -17.36	20.91 0.29 -16.63
JANIS___SOLAR 323808	10.04 0.20 -4.12	9.01 0.15 -4.07	8.46 0.14 -3.77	8.28 0.15 -3.53	8.08 0.15 -3.57	8.51 0.17 -3.75	8.49 0.16 -3.94	9.26 0.19 -3.97	11.75 0.29 -3.26	12.00 0.25 -3.91	11.90 0.25 -3.96	12.02 0.24 -3.99	12.01 0.22 -4.05	10.03 0.14 -4.72	9.96 0.13 -4.73	9.98 0.15 -4.73	9.82 0.14 -5.10	10.77 0.14 -6.06	11.42 0.20 -6.13	12.02 0.20 -6.72	12.12 0.19 -6.84	11.84 0.21 -6.29	9.91 0.19 -4.86	8.81 0.16 -4.66
JARVIS____ 23743	5.87 0.02 -0.13	4.89 0.01 -0.09	4.63 0.01 -0.06	4.61 0.01 0.00	4.37 0.01 0.00	4.60 0.01 0.00	4.40 0.00 0.00	5.11 0.01 0.00	8.21 0.02 0.00	7.86 0.02 0.00	7.71 0.02 0.00	7.80 0.02 0.00	7.75 0.02 0.00	5.18 0.01 0.00	5.11 0.01 0.00	5.10 0.01 0.00	4.59 0.00 0.00	4.58 0.00 0.00	5.11 0.01 0.00	5.11 0.01 0.00	5.10 0.01 0.00	5.35 0.01 0.00	4.86 0.01 0.00	3.99 0.01 0.00
JENNISON___1 23625	11.10 0.24 -5.14	10.07 0.19 -5.09	9.44 0.17 -4.71	9.19 0.18 -4.42	9.00 0.18 -4.46	9.47 0.20 -4.68	9.51 0.19 -4.92	10.31 0.24 -4.97	12.65 0.38 -4.08	13.06 0.34 -4.88	13.00 0.35 -4.94	13.13 0.36 -4.99	13.15 0.35 -5.06	11.30 0.23 -5.90	11.22 0.21 -5.91	11.22 0.21 -5.92	11.15 0.19 -6.38	12.34 0.19 -7.57	13.00 0.24 -7.66	13.73 0.23 -8.40	13.87 0.23 -8.55	13.44 0.24 -7.86	11.15 0.22 -6.08	9.99 0.18 -5.82
JENNISON___2 23626	11.10 0.24 -5.14	10.07 0.19 -5.09	9.44 0.17 -4.71	9.19 0.18 -4.42	9.00 0.18 -4.46	9.47 0.20 -4.68	9.51 0.19 -4.92	10.31 0.24 -4.97	12.65 0.38 -4.08	13.06 0.34 -4.88	13.00 0.35 -4.94	13.13 0.36 -4.99	13.15 0.35 -5.06	11.30 0.23 -5.90	11.22 0.21 -5.91	11.22 0.21 -5.92	11.15 0.19 -6.38	12.34 0.19 -7.57	13.00 0.24 -7.66	13.73 0.23 -8.40	13.87 0.23 -8.55	13.44 0.24 -7.86	11.15 0.22 -6.08	9.99 0.18 -5.82

JERICO_RISE_WT_PWR 323719	2.39 -0.41 2.92	2.40 -0.33 2.06	2.92 -0.27 1.36	4.34 -0.25 0.00	4.16 -0.20 0.00	4.41 -0.18 0.00	4.27 -0.13 0.00	4.97 -0.13 0.00	8.01 -0.18 0.00	7.73 -0.11 0.00	7.62 -0.08 0.00	7.68 -0.10 0.00	7.62 -0.12 0.00	5.07 -0.10 0.00	5.01 -0.09 0.00	4.97 -0.12 0.00	4.47 -0.11 0.00	4.49 -0.09 0.00	4.99 -0.11 0.00	5.00 -0.10 0.00	4.99 -0.10 0.00	5.20 -0.14 0.00	4.69 -0.16 0.00	3.83 -0.15 0.00
KATONAH__115KV_46KV_TB4 355592	20.94 0.34 -14.88	19.79 0.29 -14.71	18.43 0.26 -13.62	17.63 0.26 -12.77	17.50 0.24 -12.90	18.39 0.25 -13.55	18.87 0.25 -14.23	19.75 0.29 -14.36	20.48 0.49 -11.80	22.48 0.52 -14.11	22.48 0.49 -14.29	22.69 0.48 -14.42	22.88 0.50 -14.64	22.56 0.33 -17.07	22.52 0.33 -17.09	22.52 0.33 -17.10	23.30 0.28 -18.44	26.77 0.30 -21.89	27.59 0.35 -22.14	29.73 0.35 -24.29	30.16 0.34 -24.72	28.44 0.37 -22.72	22.73 0.31 -17.58	21.08 0.26 -16.84
KCE_NY_1 323755	24.95 0.31 -18.92	23.74 0.24 -18.71	22.11 0.23 -17.32	21.08 0.23 -16.24	20.99 0.22 -16.41	22.05 0.23 -17.23	22.71 0.22 -18.09	23.62 0.26 -18.26	23.67 0.47 -15.01	26.27 0.47 -17.95	26.32 0.45 -18.18	26.63 0.48 -18.37	26.85 0.46 -18.65	27.21 0.30 -21.74	27.17 0.30 -21.77	27.18 0.30 -21.78	28.35 0.28 -23.49	32.71 0.28 -27.85	33.56 0.30 -28.16	36.29 0.31 -30.89	36.83 0.30 -31.45	34.55 0.31 -28.90	27.49 0.28 -22.36	25.61 0.20 -21.42
KCE_NY_6_ESR 323823	8.41 -0.08 -2.77	7.44 -0.09 -2.74	7.01 -0.08 -2.54	6.90 -0.07 -2.38	6.68 -0.08 -2.40	7.07 -0.05 -2.53	7.00 -0.05 -2.65	7.73 -0.04 -2.68	10.31 -0.07 -2.20	10.40 -0.07 -2.63	10.25 -0.11 -2.66	10.40 -0.08 -2.69	10.36 -0.10 -2.73	8.30 -0.04 -3.18	8.21 -0.07 -3.18	8.17 -0.11 -3.19	7.92 -0.10 -3.44	8.57 -0.09 -4.08	9.15 -0.08 -4.12	9.52 -0.10 -4.52	9.55 -0.14 -4.60	9.47 -0.11 -4.23	8.06 -0.06 -3.27	7.06 -0.07 -3.14
KEDC_PORT_JEFF_GT2 24210	25.43 0.50 -19.20	22.66 0.42 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.00 0.36 -15.28	21.08 0.39 -16.11	21.95 0.38 -17.17	22.36 0.44 -16.82	28.01 0.75 -19.08	29.88 0.76 -21.27	33.05 0.75 -24.61	38.54 0.74 -30.02	34.61 0.74 -26.14	34.89 0.48 -29.24	33.34 0.50 -27.74	32.04 0.50 -26.44	30.91 0.44 -25.89	34.56 0.46 -29.52	36.49 0.54 -30.85	38.91 0.53 -33.29	47.67 0.52 -42.05	35.14 0.55 -29.25	28.25 0.45 -22.95	25.77 0.38 -21.40
KEDC_PORT_JEFF_GT3 24211	25.43 0.50 -19.20	22.66 0.42 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.00 0.36 -15.28	21.08 0.39 -16.11	21.95 0.38 -17.17	22.36 0.44 -16.82	28.01 0.75 -19.08	29.88 0.76 -21.27	33.05 0.75 -24.61	38.54 0.74 -30.02	34.61 0.74 -26.14	34.89 0.48 -29.24	33.34 0.50 -27.74	32.04 0.50 -26.44	30.91 0.44 -25.89	34.56 0.46 -29.52	36.49 0.54 -30.85	38.91 0.53 -33.29	47.67 0.52 -42.05	35.14 0.55 -29.25	28.25 0.45 -22.95	25.77 0.38 -21.40
KEDC_GLWD_GT4 24219	25.35 0.43 -19.20	22.59 0.36 -17.44	20.15 0.32 -15.27	19.94 0.32 -15.03	19.94 0.30 -15.28	21.01 0.32 -16.11	21.89 0.33 -17.17	22.30 0.38 -16.82	27.89 0.62 -19.08	29.74 0.62 -21.27	32.86 0.55 -24.61	38.36 0.55 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.21 0.37 -27.74	31.90 0.37 -26.44	30.79 0.32 -25.89	34.43 0.33 -29.52	36.34 0.39 -30.85	38.77 0.38 -33.29	47.53 0.39 -42.05	34.99 0.40 -29.25	28.18 0.37 -22.95	25.70 0.31 -21.40
KEDC_GLWD_GT5 24220	25.35 0.43 -19.20	22.59 0.36 -17.44	20.15 0.32 -15.27	19.94 0.32 -15.03	19.94 0.30 -15.28	21.01 0.32 -16.11	21.89 0.33 -17.17	22.30 0.38 -16.82	27.89 0.62 -19.08	29.74 0.62 -21.27	32.86 0.55 -24.61	38.36 0.55 -30.02	34.43 0.56 -26.14	34.78 0.37 -29.24	33.21 0.37 -27.74	31.90 0.37 -26.44	30.79 0.32 -25.89	34.43 0.33 -29.52	36.34 0.39 -30.85	38.77 0.38 -33.29	47.53 0.39 -42.05	34.99 0.40 -29.25	28.18 0.37 -22.95	25.70 0.31 -21.40
KENSICO____ 23655	20.72 0.34 -14.66	19.57 0.28 -14.49	18.23 0.26 -13.42	17.43 0.25 -12.59	17.31 0.23 -12.72	18.19 0.25 -13.35	18.67 0.25 -14.02	19.54 0.29 -14.15	20.31 0.49 -11.63	22.24 0.49 -13.91	22.26 0.48 -14.08	22.47 0.47 -14.21	22.65 0.48 -14.43	22.31 0.32 -16.82	22.26 0.32 -16.84	22.26 0.32 -16.86	23.02 0.27 -18.17	26.44 0.28 -21.58	27.26 0.34 -21.82	29.36 0.33 -23.94	29.79 0.33 -24.37	28.08 0.35 -22.39	22.47 0.30 -17.32	20.84 0.25 -16.60
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.73 0.33 -13.68	18.59 0.27 -13.52	17.31 0.24 -12.52	16.58 0.23 -11.74	16.45 0.22 -11.86	17.29 0.24 -12.46	17.71 0.23 -13.08	18.57 0.28 -13.20	19.50 0.47 -10.85	21.28 0.45 -12.99	21.28 0.43 -13.15	21.49 0.44 -13.27	21.64 0.43 -13.47	21.16 0.29 -15.70	21.11 0.29 -15.72	21.12 0.29 -15.74	21.79 0.25 -16.96	24.97 0.25 -20.14	25.77 0.30 -20.37	27.74 0.30 -22.35	28.18 0.34 -22.75	26.61 0.36 -20.91	21.32 0.30 -16.17	19.74 0.26 -15.50
KIAC_JFK_GT1 23816	20.77 0.35 -14.69	19.61 0.29 -14.52	18.26 0.25 -13.45	17.45 0.24 -12.61	17.33 0.23 -12.74	18.20 0.24 -13.38	18.70 0.25 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.31 0.53 -13.94	22.28 0.47 -14.11	22.48 0.45 -14.24	22.64 0.45 -14.46	22.32 0.30 -16.85	22.28 0.31 -16.88	22.28 0.30 -16.89	23.04 0.25 -18.21	26.48 0.28 -21.62	27.30 0.34 -21.87	29.41 0.33 -23.98	29.84 0.33 -24.42	28.12 0.34 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
KIAC_JFK_GT2 23817	20.77 0.35 -14.69	19.61 0.29 -14.52	18.26 0.25 -13.45	17.45 0.24 -12.61	17.33 0.23 -12.74	18.20 0.24 -13.38	18.70 0.25 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.31 0.53 -13.94	22.28 0.47 -14.11	22.48 0.45 -14.24	22.64 0.45 -14.46	22.32 0.30 -16.85	22.28 0.31 -16.88	22.28 0.30 -16.89	23.04 0.25 -18.21	26.48 0.28 -21.62	27.30 0.34 -21.87	29.41 0.33 -23.98	29.84 0.33 -24.42	28.12 0.34 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
KIAC_JFK____ 323774	20.77 0.35 -14.69	19.61 0.29 -14.52	18.26 0.25 -13.45	17.45 0.24 -12.61	17.33 0.23 -12.74	18.20 0.24 -13.38	18.70 0.25 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.31 0.53 -13.94	22.28 0.47 -14.11	22.48 0.45 -14.24	22.64 0.45 -14.46	22.32 0.30 -16.85	22.28 0.31 -16.88	22.28 0.30 -16.89	23.04 0.25 -18.21	26.48 0.28 -21.62	27.30 0.34 -21.87	29.41 0.33 -23.98	29.84 0.33 -24.42	28.12 0.34 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
KINTIGH____ 23543	7.97 -0.07 -2.32	7.00 -0.08 -2.29	6.60 -0.07 -2.12	6.52 -0.06 -1.99	6.29 -0.08 -2.01	6.64 -0.06 -2.11	6.55 -0.06 -2.21	7.29 -0.05 -2.24	9.92 -0.11 -1.84	9.93 -0.11 -2.20	9.79 -0.13 -2.23	9.92 -0.11 -2.25	9.90 -0.12 -2.28	7.77 -0.05 -2.66	7.69 -0.07 -2.66	7.65 -0.11 -2.66	7.36 -0.09 -2.87	7.91 -0.08 -3.41	8.47 -0.08 -3.45	8.77 -0.11 -3.78	8.82 -0.13 -3.85	8.79 -0.10 -3.54	7.53 -0.05 -2.74	6.55 -0.06 -2.62
KNFTRNC_46_KV_46KV_LOAD 80397	2.39 -0.37 2.97	2.39 -0.31 2.09	2.94 -0.24 1.38	4.38 -0.22 0.00	4.20 -0.17 0.00	4.45 -0.14 0.00	4.30 -0.09 0.00	5.03 -0.07 0.00	8.12 -0.07 0.00	7.83 -0.02 0.00	7.72 0.02 0.00	7.77 -0.02 0.00	7.70 -0.04 0.00	5.12 -0.05 0.00	5.06 -0.04 0.00	5.02 -0.07 0.00	4.51 -0.07 0.00	4.54 -0.04 0.00	5.05 -0.05 0.00	5.06 -0.04 0.00	5.05 -0.04 0.00	5.25 -0.09 0.00	4.74 -0.11 0.00	3.87 -0.12 0.00

LACHUTE___HYDRO 323717	25.20 0.52 -18.96	23.93 0.40 -18.75	22.30 0.39 -17.36	21.25 0.38 -16.28	21.16 0.35 -16.45	22.23 0.37 -17.27	22.88 0.35 -18.13	23.82 0.42 -18.30	24.05 0.82 -15.04	26.69 0.86 -17.99	26.69 0.77 -18.22	27.04 0.84 -18.41	27.26 0.83 -18.69	27.48 0.53 -21.79	27.44 0.53 -21.82	27.42 0.50 -21.83	28.61 0.49 -23.54	32.99 0.51 -27.91	33.85 0.53 -28.22	36.61 0.56 -30.96	37.14 0.53 -31.52	34.85 0.55 -28.96	27.74 0.48 -22.41	25.80 0.35 -21.47
LAWRNCAV_115KV_TB1 80681	3.00 -0.21 2.51	2.85 -0.17 1.77	3.23 -0.16 1.16	4.44 -0.16 0.00	4.23 -0.14 0.00	4.45 -0.13 0.00	4.28 -0.11 0.00	4.97 -0.13 0.00	7.97 -0.22 0.00	7.62 -0.22 0.00	7.50 -0.20 0.00	7.56 -0.23 0.00	7.52 -0.22 0.00	4.99 -0.18 0.00	4.89 -0.20 0.00	4.90 -0.19 0.00	4.40 -0.18 0.00	4.39 -0.18 0.00	4.89 -0.21 0.00	4.90 -0.20 0.00	4.91 -0.18 0.00	5.17 -0.17 0.00	4.72 -0.13 0.00	3.88 -0.10 0.00
LEDERLE___ 23769	20.18 0.35 -14.11	19.03 0.29 -13.95	17.73 0.26 -12.92	16.97 0.26 -12.11	16.84 0.24 -12.24	17.69 0.26 -12.85	18.15 0.26 -13.49	19.01 0.30 -13.62	19.89 0.52 -11.19	21.73 0.50 -13.39	21.75 0.49 -13.55	21.96 0.49 -13.68	22.12 0.49 -13.89	21.68 0.33 -16.19	21.63 0.33 -16.21	21.64 0.33 -16.22	22.35 0.28 -17.49	25.63 0.29 -20.76	26.44 0.34 -21.00	28.47 0.34 -23.03	28.89 0.35 -23.45	27.26 0.36 -21.55	21.83 0.31 -16.67	20.22 0.26 -15.98
LIGHTHSE_115KV_TB6 355974	6.81 -0.02 -1.11	5.92 -0.03 -1.16	5.64 -0.03 -1.12	5.71 -0.03 -1.15	5.48 -0.03 -1.16	5.77 -0.04 -1.22	5.63 -0.04 -1.28	6.35 -0.04 -1.29	9.18 -0.07 -1.06	9.03 -0.08 -1.27	8.90 -0.08 -1.28	8.99 -0.09 -1.30	8.96 -0.09 -1.31	6.64 -0.06 -1.53	6.55 -0.08 -1.53	6.54 -0.08 -1.54	6.17 -0.07 -1.66	6.47 -0.08 -1.97	7.01 -0.07 -1.99	7.21 -0.07 -2.18	7.24 -0.07 -2.22	7.32 -0.06 -2.04	6.38 -0.05 -1.58	5.46 -0.04 -1.51
LINDEN COGEN___ 23786	20.77 0.36 -14.69	19.61 0.29 -14.52	18.26 0.25 -13.45	17.45 0.24 -12.61	17.33 0.23 -12.74	18.20 0.24 -13.38	18.69 0.25 -14.05	19.57 0.30 -14.18	20.34 0.50 -11.65	22.27 0.49 -13.94	22.28 0.47 -14.11	22.49 0.46 -14.24	22.67 0.47 -14.46	22.33 0.32 -16.85	22.29 0.32 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.32 0.36 -21.87	29.42 0.34 -23.98	29.85 0.34 -24.42	28.13 0.35 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63
LINDHRST_69_KV_BK1 356055	25.43 0.51 -19.20	22.66 0.43 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.00 0.36 -15.28	21.08 0.39 -16.11	21.95 0.39 -17.17	22.37 0.45 -16.82	28.00 0.74 -19.08	29.88 0.76 -21.27	33.04 0.73 -24.61	38.53 0.72 -30.02	34.59 0.72 -26.14	34.89 0.72 -29.24	33.33 0.49 -27.74	32.01 0.48 -26.44	30.89 0.42 -25.89	34.54 0.44 -29.52	36.47 0.51 -30.85	38.89 0.50 -33.29	47.65 0.51 -42.05	35.12 0.53 -29.25	28.24 0.44 -22.95	25.76 0.37 -21.40
LIPA_MISC_IPP 23656	25.43 0.50 -19.20	22.65 0.42 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.00 0.36 -15.28	21.08 0.39 -16.11	21.94 0.38 -17.17	22.36 0.44 -16.82	28.00 0.74 -19.08	29.91 0.79 -21.27	33.06 0.75 -24.61	38.55 0.75 -30.02	34.61 0.74 -26.14	34.88 0.48 -29.24	33.35 0.51 -27.74	32.03 0.50 -26.44	30.90 0.43 -25.89	34.56 0.46 -29.52	36.49 0.54 -30.85	38.90 0.52 -33.29	47.67 0.53 -42.05	35.13 0.54 -29.25	28.25 0.45 -22.95	25.76 0.37 -21.40
LISF___SOLAR 323691	25.43 0.51 -19.20	22.66 0.43 -17.44	20.22 0.40 -15.27	20.01 0.39 -15.03	20.01 0.37 -15.28	21.08 0.39 -16.11	21.95 0.39 -17.17	22.37 0.45 -16.82	28.02 0.75 -19.08	29.88 0.76 -21.27	33.06 0.75 -24.61	38.55 0.75 -30.02	34.61 0.74 -26.14	34.89 0.48 -29.24	33.35 0.51 -27.74	32.04 0.50 -26.44	30.90 0.43 -25.89	34.56 0.47 -29.52	36.50 0.55 -30.85	38.92 0.54 -33.29	47.68 0.53 -42.05	35.14 0.55 -29.25	28.25 0.45 -22.95	25.78 0.39 -21.40
LITTLE FALLS___HYD 24013	5.81 -0.04 -0.13	4.85 -0.03 -0.09	4.58 -0.04 -0.06	4.56 -0.04 0.00	4.33 -0.03 0.00	4.54 -0.05 0.00	4.34 -0.05 0.00	5.05 -0.05 0.00	8.12 -0.07 0.00	7.74 -0.10 0.00	7.61 -0.09 0.00	7.68 -0.10 0.00	7.63 -0.10 0.00	5.09 -0.07 0.00	5.02 -0.08 0.00	5.01 -0.08 0.00	4.51 -0.07 0.00	4.51 -0.06 0.00	5.03 -0.07 0.00	5.02 -0.08 0.00	5.02 -0.07 0.00	5.27 -0.07 0.00	4.81 -0.04 0.00	3.95 -0.04 0.00
LITTLRIV_115KV_TB1 356100	3.09 -0.18 2.45	2.91 -0.15 1.73	3.27 -0.14 1.14	4.45 -0.14 0.00	4.25 -0.11 0.00	4.48 -0.11 0.00	4.30 -0.09 0.00	5.00 -0.10 0.00	8.01 -0.18 0.00	7.65 -0.20 0.00	7.53 -0.17 0.00	7.59 -0.19 0.00	7.54 -0.19 0.00	5.01 -0.15 0.00	4.91 -0.18 0.00	4.92 -0.17 0.00	4.42 -0.16 0.00	4.41 -0.16 0.00	4.92 -0.17 0.00	4.93 -0.17 0.00	4.95 -0.14 0.00	5.20 -0.14 0.00	4.75 -0.10 0.00	3.90 -0.08 0.00
LI_NEWBRDGE___DRP 323616	25.36 0.44 -19.20	22.60 0.36 -17.44	20.16 0.33 -15.27	19.95 0.33 -15.03	19.95 0.31 -15.28	21.02 0.33 -16.11	21.90 0.34 -17.17	22.31 0.39 -16.82	27.90 0.64 -19.08	29.76 0.64 -21.27	32.91 0.61 -24.61	38.40 0.60 -30.02	34.47 0.60 -26.14	34.80 0.40 -29.24	33.25 0.41 -27.74	31.93 0.40 -26.44	30.82 0.35 -25.89	34.46 0.37 -29.52	36.38 0.43 -30.85	38.80 0.42 -33.29	47.56 0.42 -42.05	35.03 0.44 -29.25	28.17 0.37 -22.95	25.70 0.32 -21.40
LOCKPORT_115KV_TB60_63_64 80432	8.13 -0.11 -2.52	7.16 -0.12 -2.49	6.75 -0.10 -2.30	6.66 -0.10 -2.16	6.43 -0.12 -2.18	6.80 -0.08 -2.29	6.71 -0.10 -2.41	7.42 -0.11 -2.43	9.99 -0.20 -2.00	10.04 -0.20 -2.39	9.89 -0.23 -2.42	10.02 -0.20 -2.44	9.99 -0.22 -2.48	7.94 -0.11 -2.89	7.85 -0.14 -2.89	7.80 -0.18 -2.89	7.54 -0.16 -3.12	8.14 -0.14 -3.70	8.70 -0.14 -3.74	9.02 -0.18 -4.11	9.06 -0.20 -4.18	9.01 -0.17 -3.84	7.71 -0.11 -2.97	6.74 -0.10 -2.85
LOCKPORT___CC1 323769	8.15 -0.11 -2.53	7.18 -0.12 -2.51	6.77 -0.10 -2.32	6.67 -0.10 -2.18	6.44 -0.12 -2.20	6.81 -0.08 -2.31	6.73 -0.09 -2.42	7.44 -0.10 -2.45	10.01 -0.19 -2.01	10.07 -0.18 -2.40	9.92 -0.22 -2.43	10.05 -0.19 -2.46	10.02 -0.21 -2.49	7.96 -0.11 -2.91	7.87 -0.13 -2.91	7.83 -0.17 -2.91	7.58 -0.15 -3.14	8.17 -0.14 -3.73	8.73 -0.13 -3.77	9.08 -0.15 -4.13	9.10 -0.19 -4.21	9.05 -0.16 -3.86	7.74 -0.11 -2.99	6.76 -0.10 -2.87
LOCKPORT___CC2 323770	8.15 -0.11 -2.53	7.18 -0.12 -2.51	6.77 -0.10 -2.32	6.67 -0.10 -2.18	6.44 -0.12 -2.20	6.81 -0.08 -2.31	6.73 -0.09 -2.42	7.44 -0.10 -2.45	10.01 -0.19 -2.01	10.07 -0.18 -2.40	9.92 -0.22 -2.43	10.05 -0.19 -2.46	10.02 -0.21 -2.49	7.96 -0.11 -2.91	7.87 -0.13 -2.91	7.83 -0.17 -2.91	7.58 -0.15 -3.14	8.17 -0.14 -3.73	8.73 -0.13 -3.77	9.08 -0.15 -4.13	9.10 -0.19 -4.21	9.05 -0.16 -3.86	7.74 -0.11 -2.99	6.76 -0.10 -2.87
LOCKPORT___CC3 323771	8.15 -0.11 -2.53	7.18 -0.12 -2.51	6.77 -0.10 -2.32	6.67 -0.10 -2.18	6.44 -0.12 -2.20	6.81 -0.08 -2.31	6.73 -0.09 -2.42	7.44 -0.10 -2.45	10.01 -0.19 -2.01	10.07 -0.18 -2.40	9.92 -0.22 -2.43	10.05 -0.19 -2.46	10.02 -0.21 -2.49	7.96 -0.11 -2.91	7.87 -0.13 -2.91	7.83 -0.17 -2.91	7.58 -0.15 -3.14	8.17 -0.14 -3.73	8.73 -0.13 -3.77	9.08 -0.15 -4.13	9.10 -0.19 -4.21	9.05 -0.16 -3.86	7.74 -0.11 -2.99	6.76 -0.10 -2.87

LONG_LAKE_PHOENIX 24014	7.20 -0.03 -1.50	6.24 -0.03 -1.49	5.90 -0.03 -1.38	5.86 -0.03 -1.29	5.63 -0.03 -1.30	5.91 -0.05 -1.37	5.78 -0.05 -1.44	6.49 -0.06 -1.45	9.30 -0.08 -1.19	9.18 -0.09 -1.43	9.04 -0.10 -1.45	9.15 -0.09 -1.46	9.12 -0.09 -1.48	6.83 -0.06 -1.73	6.75 -0.08 -1.73	6.73 -0.09 -1.73	6.37 -0.07 -1.87	6.71 -0.08 -2.21	7.26 -0.08 -2.24	7.47 -0.09 -2.46	7.50 -0.09 -2.50	7.56 -0.09 -2.30	6.56 -0.07 -1.78	5.64 -0.05 -1.70
LOVETT___3 23632	20.22 0.33 -14.17	19.07 0.27 -14.01	17.77 0.24 -12.98	17.00 0.23 -12.17	16.88 0.22 -12.29	17.73 0.23 -12.91	18.19 0.24 -13.55	19.06 0.28 -13.68	19.90 0.47 -11.24	21.75 0.46 -13.45	21.77 0.45 -13.62	21.98 0.45 -13.74	22.14 0.46 -13.95	21.73 0.30 -16.26	21.68 0.30 -16.28	21.69 0.30 -16.30	22.41 0.26 -17.57	25.71 0.27 -20.86	26.51 0.32 -21.10	28.55 0.31 -23.14	28.96 0.32 -23.56	27.32 0.33 -21.65	21.88 0.28 -16.75	20.27 0.24 -16.05
LOVETT___4 23642	20.22 0.33 -14.17	19.07 0.27 -14.01	17.77 0.24 -12.98	17.00 0.23 -12.17	16.88 0.22 -12.29	17.73 0.23 -12.91	18.19 0.24 -13.55	19.06 0.28 -13.68	19.90 0.47 -11.24	21.75 0.46 -13.45	21.77 0.45 -13.62	21.98 0.45 -13.74	22.14 0.46 -13.95	21.73 0.30 -16.26	21.68 0.30 -16.28	21.69 0.30 -16.30	22.41 0.26 -17.57	25.71 0.27 -20.86	26.51 0.32 -21.10	28.55 0.31 -23.14	28.96 0.32 -23.56	27.32 0.33 -21.65	21.88 0.28 -16.75	20.27 0.24 -16.05
LOVETT___5 23593	20.22 0.33 -14.17	19.07 0.27 -14.01	17.77 0.24 -12.98	17.00 0.23 -12.17	16.88 0.22 -12.29	17.73 0.23 -12.91	18.19 0.24 -13.55	19.06 0.28 -13.68	19.90 0.47 -11.24	21.75 0.46 -13.45	21.77 0.45 -13.62	21.98 0.45 -13.74	22.14 0.46 -13.95	21.73 0.30 -16.26	21.68 0.30 -16.28	21.69 0.30 -16.30	22.41 0.26 -17.57	25.71 0.27 -20.86	26.51 0.32 -21.10	28.55 0.31 -23.14	28.96 0.32 -23.56	27.32 0.33 -21.65	21.88 0.28 -16.75	20.27 0.24 -16.05
LOWER RAQUET___HYD 24057	3.10 -0.22 2.40	2.91 -0.19 1.69	3.27 -0.17 1.11	4.43 -0.17 0.00	4.22 -0.14 0.00	4.45 -0.14 0.00	4.27 -0.12 0.00	4.96 -0.13 0.00	7.96 -0.23 0.00	7.62 -0.23 0.00	7.49 -0.21 0.00	7.55 -0.23 0.00	7.50 -0.23 0.00	4.98 -0.19 0.00	4.87 -0.22 0.00	4.87 -0.22 0.00	4.38 -0.20 0.00	4.37 -0.21 0.00	4.87 -0.23 0.00	4.87 -0.22 0.00	4.90 -0.19 0.00	5.16 -0.18 0.00	4.71 -0.14 0.00	3.87 -0.11 0.00
LOWER___HUDSON 24059	24.47 0.25 -18.50	23.28 0.21 -18.29	21.68 0.19 -16.93	20.67 0.20 -15.88	20.59 0.19 -16.04	21.63 0.20 -16.84	22.27 0.19 -17.69	23.17 0.22 -17.85	23.25 0.39 -14.67	25.75 0.36 -17.55	25.82 0.35 -17.77	26.10 0.37 -17.94	26.31 0.36 -18.22	26.64 0.24 -21.23	26.59 0.23 -21.26	26.60 0.23 -21.28	27.74 0.22 -22.94	32.01 0.21 -27.22	32.86 0.23 -27.53	35.52 0.23 -30.20	36.06 0.22 -30.74	33.83 0.23 -28.25	26.93 0.22 -21.85	25.09 0.16 -20.94
LOWVILLE_115KV_TB2 356335	5.72 -0.07 -0.07	4.96 -0.07 -0.24	4.82 -0.07 -0.33	5.10 -0.07 -0.57	4.88 -0.06 -0.58	5.14 -0.06 -0.61	4.99 -0.05 -0.64	5.69 -0.05 -0.64	8.65 -0.07 -0.53	8.39 -0.09 -0.63	8.26 -0.08 -0.64	8.34 -0.09 -0.65	8.31 -0.08 -0.66	5.86 -0.07 -0.77	5.78 -0.09 -0.77	5.81 -0.05 -0.77	5.37 -0.04 -0.83	5.53 -0.03 -0.98	6.09 -0.01 -0.99	6.19 0.00 -1.09	6.21 0.01 -1.11	6.34 -0.03 -1.02	5.61 -0.02 -0.79	4.72 -0.02 -0.76
LUTHERFT_115KV_GLOB_FND_222 355753	24.95 0.31 -18.92	23.74 0.24 -18.71	22.11 0.23 -17.32	21.07 0.23 -16.24	20.99 0.22 -16.41	22.05 0.23 -17.23	22.73 0.22 -18.12	23.64 0.26 -18.29	23.68 0.47 -15.03	26.29 0.47 -17.98	26.34 0.44 -18.20	26.63 0.47 -18.37	26.85 0.46 -18.65	27.21 0.30 -21.74	27.17 0.30 -21.77	27.17 0.30 -21.78	28.35 0.28 -23.49	32.75 0.28 -27.88	33.56 0.30 -28.16	36.29 0.31 -30.89	36.83 0.30 -31.45	34.55 0.30 -28.90	27.48 0.28 -22.36	25.61 0.20 -21.42
LUTHERNY_35_KV_BK2 355980	24.95 0.31 -18.92	23.74 0.24 -18.71	22.11 0.23 -17.32	21.08 0.23 -16.24	20.99 0.22 -16.41	22.05 0.23 -17.23	22.73 0.22 -18.12	23.64 0.26 -18.29	23.69 0.47 -15.03	26.29 0.47 -17.98	26.35 0.45 -18.20	26.63 0.47 -18.37	26.85 0.46 -18.65	27.21 0.30 -21.74	27.17 0.30 -21.77	27.17 0.30 -21.78	28.35 0.28 -23.49	32.75 0.28 -27.88	33.56 0.30 -28.16	36.29 0.31 -30.89	36.83 0.30 -31.45	34.55 0.31 -28.90	27.49 0.28 -22.36	25.61 0.20 -21.42
LWR___OSWEGATCHIE_HYD 23850	4.47 -0.15 1.10	4.02 -0.13 0.64	4.14 -0.13 0.29	4.89 -0.13 -0.42	4.68 -0.11 -0.43	4.93 -0.11 -0.45	4.78 -0.09 -0.47	5.47 -0.10 -0.48	8.42 -0.16 -0.39	8.14 -0.17 -0.47	8.01 -0.16 -0.47	8.08 -0.19 -0.48	8.05 -0.17 -0.49	5.59 -0.14 -0.57	5.49 -0.17 -0.57	5.51 -0.15 -0.57	5.06 -0.14 -0.61	5.17 -0.14 -0.73	5.69 -0.14 -0.74	5.78 -0.13 -0.81	5.80 -0.11 -0.82	5.99 -0.11 -0.75	5.34 -0.09 -0.58	4.47 -0.08 -0.56
LYONS_FALL_HYD 23570	6.00 -0.01 -0.28	5.16 -0.01 -0.38	4.95 -0.02 -0.42	5.12 -0.02 -0.54	4.90 -0.01 -0.55	5.15 -0.01 -0.58	4.99 -0.01 -0.60	5.71 0.00 -0.61	8.71 0.02 -0.50	8.43 -0.02 -0.60	8.30 -0.01 -0.61	8.38 -0.02 -0.61	8.35 -0.01 -0.62	5.87 -0.02 -0.72	5.79 -0.04 -0.73	5.81 -0.01 -0.73	5.36 -0.01 -0.78	5.50 0.00 -0.93	6.06 0.02 -0.94	6.15 0.03 -1.03	6.17 0.03 -1.05	6.31 0.01 -0.96	5.61 0.01 -0.75	4.70 0.00 -0.71
MADISON___COUNTY_LFGE 323628	6.87 0.11 -1.04	5.90 0.09 -1.03	5.58 0.08 -0.95	5.57 0.08 -0.89	5.34 0.07 -0.90	5.62 0.08 -0.95	5.47 0.07 -0.99	6.19 0.09 -1.00	9.17 0.16 -0.82	8.95 0.12 -0.99	8.82 0.12 -1.00	8.92 0.12 -1.01	8.87 0.12 -1.02	6.42 0.07 -1.19	6.35 0.06 -1.19	6.34 0.06 -1.19	5.92 0.05 -1.29	6.16 0.05 -1.53	6.72 0.08 -1.55	6.87 0.08 -1.70	6.89 0.08 -1.73	7.01 0.07 -1.59	6.16 0.08 -1.23	5.23 0.06 -1.18
MALONE___115KV_TB1 356076	2.61 -0.31 2.79	2.56 -0.26 1.97	3.04 -0.21 1.30	4.40 -0.20 0.00	4.21 -0.15 0.00	4.46 -0.13 0.00	4.31 -0.09 0.00	5.03 -0.07 0.00	8.10 -0.09 0.00	7.79 -0.05 0.00	7.68 -0.02 0.00	7.73 -0.05 0.00	7.67 -0.06 0.00	5.10 -0.07 0.00	5.03 -0.07 0.00	5.01 -0.08 0.00	4.50 -0.09 0.00	4.51 -0.07 0.00	5.02 -0.08 0.00	5.03 -0.07 0.00	5.03 -0.07 0.00	5.24 -0.10 0.00	4.75 -0.10 0.00	3.88 -0.10 0.00
MAPLEWOD_115KV_TB3 80458	24.40 0.28 -18.40	23.21 0.23 -18.19	21.62 0.21 -16.85	20.61 0.22 -15.80	20.53 0.20 -15.96	21.56 0.22 -16.76	22.20 0.20 -17.60	23.10 0.24 -17.77	23.21 0.42 -14.60	25.70 0.39 -17.47	25.76 0.38 -17.69	26.03 0.40 -17.85	26.25 0.39 -18.12	26.55 0.26 -21.12	26.50 0.25 -21.15	26.51 0.25 -21.17	27.63 0.23 -22.82	31.90 0.23 -27.09	32.74 0.25 -27.39	35.40 0.25 -30.04	35.93 0.25 -30.59	33.71 0.26 -28.11	26.84 0.24 -21.74	25.00 0.18 -20.84
MAPLE RIDGE_WT_1 323574	-0.29 -0.33 5.68	0.50 -0.28 4.01	1.65 -0.26 2.64	4.33 -0.27 0.00	4.11 -0.25 0.00	4.33 -0.26 0.00	4.16 -0.24 0.00	4.83 -0.27 0.00	7.77 -0.42 0.00	7.46 -0.38 0.00	7.35 -0.35 0.00	7.45 -0.33 0.00	7.42 -0.31 0.00	4.97 -0.20 0.00	4.92 -0.17 0.00	4.93 -0.16 0.00	4.44 -0.14 0.00	4.46 -0.12 0.00	4.96 -0.13 0.00	4.97 -0.13 0.00	4.95 -0.14 0.00	5.15 -0.19 0.00	4.64 -0.21 0.00	3.80 -0.18 0.00

MAPLE_RIDGE_WT_2 323611	-0.29 -0.33 5.68	0.50 -0.28 4.01	1.65 -0.26 2.64	4.33 -0.27 0.00	4.11 -0.25 0.00	4.33 -0.26 0.00	4.16 -0.24 0.00	4.83 -0.27 0.00	7.77 -0.42 0.00	7.46 -0.38 0.00	7.35 -0.35 0.00	7.45 -0.33 0.00	7.42 -0.31 0.00	4.97 -0.20 0.00	4.92 -0.17 0.00	4.93 -0.16 0.00	4.44 -0.14 0.00	4.46 -0.12 0.00	4.96 -0.13 0.00	4.97 -0.13 0.00	4.95 -0.14 0.00	5.15 -0.19 0.00	4.64 -0.21 0.00	3.80 -0.18 0.00
MARBLE_RIVER_WT_PWR 323696	2.34 -0.40 2.98	2.36 -0.33 2.10	2.90 -0.27 1.38	4.35 -0.25 0.00	4.16 -0.20 0.00	4.41 -0.17 0.00	4.27 -0.13 0.00	4.98 -0.12 0.00	8.03 -0.16 0.00	7.76 -0.09 0.00	7.65 -0.05 0.00	7.70 -0.09 0.00	7.63 -0.10 0.00	5.08 -0.09 0.00	5.01 -0.09 0.00	4.98 -0.11 0.00	4.48 -0.11 0.00	4.50 -0.08 0.00	5.00 -0.10 0.00	5.00 -0.10 0.00	5.00 -0.09 0.00	5.20 -0.14 0.00	4.70 -0.15 0.00	3.84 -0.15 0.00
MARSHVLE_115KV_TB1 80742	28.77 0.40 -22.65	27.50 0.32 -22.40	25.59 0.30 -20.74	24.34 0.30 -19.45	24.29 0.28 -19.65	25.53 0.31 -20.63	26.37 0.29 -21.69	27.33 0.34 -21.89	26.77 0.59 -17.99	29.96 0.60 -21.52	30.06 0.57 -21.79	30.36 0.58 -21.99	30.62 0.56 -22.33	31.56 0.37 -26.03	31.53 0.37 -26.06	31.54 0.37 -26.08	33.02 0.32 -28.12	38.30 0.34 -33.39	39.20 0.38 -33.72	42.48 0.40 -36.98	43.13 0.39 -37.65	40.38 0.43 -34.60	31.98 0.36 -26.77	29.91 0.28 -25.65
MARSH_HILL_WT_PWR 323713	9.04 0.22 -3.10	8.01 0.15 -3.07	7.55 0.15 -2.84	7.43 0.17 -2.66	7.21 0.16 -2.69	7.61 0.20 -2.82	7.57 0.21 -2.97	8.35 0.26 -2.99	11.07 0.43 -2.46	11.16 0.38 -2.94	11.02 0.34 -2.98	11.17 0.37 -3.01	11.15 0.36 -3.05	8.97 0.24 -3.56	8.87 0.21 -3.56	8.83 0.18 -3.57	8.60 0.17 -3.84	9.29 0.15 -4.56	9.92 0.20 -4.62	10.34 0.18 -5.06	10.41 0.16 -5.15	10.28 0.20 -4.74	8.72 0.20 -3.66	7.67 0.17 -3.51
MCINTYRE_115KV_TB2 80467	3.03 -0.15 2.54	2.87 -0.13 1.79	3.25 -0.12 1.18	4.47 -0.12 0.00	4.27 -0.10 0.00	4.50 -0.09 0.00	4.32 -0.07 0.00	5.02 -0.08 0.00	8.03 -0.16 0.00	7.67 -0.17 0.00	7.55 -0.15 0.00	7.60 -0.19 0.00	7.56 -0.17 0.00	5.03 -0.13 0.00	4.95 -0.14 0.00	4.96 -0.13 0.00	4.45 -0.13 0.00	4.45 -0.12 0.00	4.97 -0.13 0.00	4.98 -0.12 0.00	4.99 -0.10 0.00	5.24 -0.11 0.00	4.77 -0.08 0.00	3.92 -0.07 0.00
MECO____69_KV_BK1 80468	27.80 0.55 -21.53	26.50 0.43 -21.28	24.67 0.41 -19.71	23.48 0.40 -18.48	23.40 0.38 -18.67	24.60 0.41 -19.60	25.38 0.37 -20.61	26.35 0.44 -20.81	26.10 0.81 -17.10	29.01 0.71 -20.45	29.08 0.67 -20.71	29.38 0.69 -20.90	29.60 0.64 -21.22	30.34 0.44 -24.74	30.31 0.44 -24.77	30.32 0.44 -24.79	31.71 0.41 -26.72	36.74 0.43 -31.73	37.62 0.48 -32.04	40.74 0.50 -35.14	41.36 0.49 -35.78	38.74 0.52 -32.88	30.80 0.52 -25.43	28.74 0.38 -24.37
MENANDS__115KV_TB5 355628	24.15 0.25 -18.19	22.97 0.21 -17.98	21.39 0.19 -16.65	20.41 0.20 -15.61	20.32 0.18 -15.77	21.34 0.19 -16.56	21.97 0.18 -17.38	22.86 0.21 -17.55	22.98 0.37 -14.42	25.44 0.35 -17.25	25.50 0.34 -17.47	25.76 0.35 -17.63	25.98 0.35 -17.90	26.25 0.23 -20.86	26.21 0.22 -20.89	26.21 0.22 -20.90	27.32 0.20 -22.54	31.53 0.20 -26.76	32.38 0.22 -27.07	35.00 0.22 -29.69	35.53 0.21 -30.22	33.34 0.22 -27.78	26.55 0.21 -21.49	24.73 0.16 -20.59
MG INDUSTRY__DRP 24185	23.86 0.24 -17.90	22.68 0.20 -17.70	21.14 0.20 -16.39	20.16 0.20 -15.37	20.07 0.18 -15.52	21.08 0.19 -16.30	21.67 0.18 -17.10	22.56 0.20 -17.26	22.72 0.35 -14.18	25.15 0.34 -16.97	25.20 0.32 -17.18	25.47 0.34 -17.34	25.67 0.33 -17.60	25.91 0.22 -20.52	25.86 0.21 -20.55	25.86 0.21 -20.56	26.95 0.20 -22.17	31.09 0.20 -26.32	31.96 0.22 -26.65	34.54 0.22 -29.23	35.06 0.21 -29.75	32.91 0.22 -27.34	26.22 0.21 -21.15	24.41 0.16 -20.27
MID__OSWEGATCHIE_HYD 23849	4.47 -0.15 1.10	4.02 -0.13 0.64	4.14 -0.13 0.29	4.89 -0.13 -0.42	4.68 -0.11 -0.43	4.93 -0.11 -0.45	4.78 -0.09 -0.47	5.47 -0.10 -0.48	8.42 -0.16 -0.39	8.14 -0.17 -0.47	8.01 -0.16 -0.47	8.08 -0.19 -0.48	8.05 -0.17 -0.49	5.59 -0.14 -0.57	5.49 -0.17 -0.57	5.51 -0.15 -0.57	5.06 -0.14 -0.61	5.17 -0.14 -0.73	5.69 -0.14 -0.74	5.78 -0.13 -0.81	5.80 -0.11 -0.82	5.99 -0.11 -0.75	5.34 -0.09 -0.58	4.47 -0.08 -0.56
MID__RAQUETTE_HYD 23851	3.10 -0.22 2.40	2.91 -0.19 1.69	3.27 -0.17 1.11	4.43 -0.17 0.00	4.22 -0.14 0.00	4.45 -0.14 0.00	4.27 -0.12 0.00	4.96 -0.13 0.00	7.96 -0.23 0.00	7.61 -0.24 0.00	7.49 -0.21 0.00	7.55 -0.23 0.00	7.50 -0.23 0.00	4.98 -0.19 0.00	4.87 -0.22 0.00	4.88 -0.21 0.00	4.38 -0.20 0.00	4.37 -0.21 0.00	4.87 -0.23 0.00	4.88 -0.22 0.00	4.90 -0.19 0.00	5.16 -0.18 0.00	4.71 -0.14 0.00	3.87 -0.11 0.00
MILLIKEN__1 23584	9.03 0.13 -3.19	8.03 0.09 -3.15	7.56 0.09 -2.92	7.42 0.09 -2.74	7.21 0.09 -2.76	7.59 0.10 -2.90	7.54 0.09 -3.05	8.28 0.11 -3.08	10.90 0.19 -2.53	11.03 0.16 -3.02	10.91 0.15 -3.06	11.03 0.16 -3.09	11.01 0.14 -3.14	8.92 0.10 -3.66	8.84 0.08 -3.66	8.83 0.08 -3.66	8.61 0.08 -3.95	9.34 0.07 -4.69	9.94 0.10 -4.74	10.39 0.09 -5.20	10.47 0.08 -5.30	10.32 0.11 -4.87	8.72 0.10 -3.77	7.68 0.09 -3.61
MILLIKEN__2 23585	9.03 0.13 -3.19	8.03 0.09 -3.15	7.56 0.09 -2.92	7.42 0.09 -2.74	7.21 0.09 -2.76	7.59 0.10 -2.90	7.54 0.09 -3.05	8.28 0.11 -3.08	10.90 0.19 -2.53	11.03 0.16 -3.02	10.91 0.15 -3.06	11.03 0.16 -3.09	11.01 0.14 -3.14	8.92 0.10 -3.66	8.84 0.08 -3.66	8.83 0.08 -3.66	8.61 0.08 -3.95	9.34 0.07 -4.69	9.94 0.10 -4.74	10.39 0.09 -5.20	10.47 0.08 -5.30	10.32 0.11 -4.87	8.72 0.10 -3.77	7.68 0.09 -3.61
MILLIKEN__DIESEL 23629	9.03 0.13 -3.19	8.03 0.09 -3.15	7.56 0.09 -2.92	7.42 0.09 -2.74	7.21 0.09 -2.76	7.59 0.10 -2.90	7.54 0.09 -3.05	8.28 0.11 -3.08	10.90 0.19 -2.53	11.03 0.16 -3.02	10.91 0.15 -3.06	11.03 0.16 -3.09	11.01 0.14 -3.14	8.92 0.10 -3.66	8.84 0.08 -3.66	8.83 0.08 -3.66	8.61 0.08 -3.95	9.34 0.07 -4.69	9.94 0.10 -4.74	10.39 0.09 -5.20	10.47 0.08 -5.30	10.32 0.11 -4.87	8.72 0.10 -3.77	7.68 0.09 -3.61
MILLSEAT__LFGE 323607	8.17 -0.06 -2.51	7.19 -0.09 -2.49	6.79 -0.07 -2.30	6.69 -0.06 -2.16	6.45 -0.09 -2.18	6.83 -0.05 -2.29	6.74 -0.06 -2.40	7.46 -0.06 -2.43	10.04 -0.14 -1.99	10.10 -0.13 -2.38	9.95 -0.16 -2.41	10.08 -0.14 -2.44	10.05 -0.16 -2.47	7.97 -0.08 -2.88	7.88 -0.11 -2.89	7.83 -0.15 -2.89	7.57 -0.12 -3.11	8.17 -0.11 -3.70	8.74 -0.10 -3.74	9.09 -0.11 -4.10	9.11 -0.15 -4.17	9.06 -0.11 -3.83	7.75 -0.07 -2.97	6.77 -0.06 -2.85
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.66 0.33 -14.61	19.51 0.28 -14.44	18.17 0.25 -13.37	17.38 0.24 -12.54	17.25 0.23 -12.67	18.13 0.24 -13.30	18.60 0.24 -13.96	19.48 0.29 -14.10	20.25 0.48 -11.58	22.18 0.48 -13.86	22.19 0.46 -14.03	22.40 0.46 -14.16	22.57 0.46 -14.38	22.23 0.31 -16.76	22.19 0.31 -16.78	22.19 0.31 -16.79	22.95 0.27 -18.10	26.35 0.28 -21.49	27.16 0.33 -21.74	29.26 0.32 -23.84	29.69 0.32 -24.27	27.99 0.34 -22.31	22.39 0.29 -17.26	20.76 0.24 -16.54

MILLWOOD_13_KV_LOAD 356217	20.66 0.34 -14.61	19.51 0.28 -14.44	18.17 0.25 -13.37	17.38 0.25 -12.54	17.26 0.24 -12.67	18.14 0.25 -13.30	18.61 0.25 -13.96	19.48 0.29 -14.10	20.26 0.49 -11.58	22.19 0.49 -13.86	22.21 0.48 -14.03	22.42 0.47 -14.16	22.60 0.49 -14.38	22.24 0.32 -16.76	22.20 0.32 -16.78	22.20 0.32 -16.79	22.96 0.27 -18.10	26.36 0.29 -21.49	27.18 0.34 -21.74	29.27 0.33 -23.84	29.70 0.34 -24.27	28.01 0.36 -22.31	22.40 0.30 -17.26	20.77 0.25 -16.54
MODEL_CITY_ENERGY 24167	8.11 -0.15 -2.55	7.15 -0.15 -2.52	6.74 -0.14 -2.33	6.65 -0.13 -2.19	6.42 -0.15 -2.21	6.79 -0.11 -2.32	6.70 -0.13 -2.43	7.40 -0.15 -2.46	9.93 -0.28 -2.02	9.98 -0.27 -2.41	9.84 -0.30 -2.45	9.97 -0.28 -2.47	9.95 -0.29 -2.51	7.92 -0.17 -2.92	7.83 -0.19 -2.92	7.79 -0.22 -2.93	7.54 -0.20 -3.15	8.14 -0.19 -3.75	8.70 -0.19 -3.79	9.04 -0.21 -4.15	9.07 -0.25 -4.23	9.01 -0.22 -3.88	7.70 -0.16 -3.01	6.74 -0.13 -2.88
MODERN_LFGE_ 323580	8.11 -0.15 -2.55	7.15 -0.15 -2.52	6.74 -0.14 -2.33	6.65 -0.13 -2.19	6.42 -0.15 -2.21	6.79 -0.11 -2.32	6.70 -0.13 -2.43	7.40 -0.15 -2.46	9.93 -0.28 -2.02	9.98 -0.27 -2.41	9.84 -0.30 -2.45	9.97 -0.28 -2.47	9.95 -0.29 -2.51	7.92 -0.17 -2.92	7.83 -0.19 -2.92	7.79 -0.22 -2.93	7.54 -0.20 -3.15	8.14 -0.19 -3.75	8.70 -0.19 -3.79	9.04 -0.21 -4.15	9.07 -0.25 -4.23	9.01 -0.22 -3.88	7.70 -0.16 -3.01	6.74 -0.13 -2.88
MOHAWK_PAPER__DRP 24187	24.40 0.28 -18.40	23.21 0.23 -18.19	21.62 0.21 -16.85	20.61 0.22 -15.80	20.53 0.20 -15.96	21.56 0.22 -16.76	22.20 0.20 -17.60	23.10 0.24 -17.77	23.21 0.42 -14.60	25.70 0.39 -17.47	25.76 0.38 -17.69	26.03 0.40 -17.85	26.25 0.39 -18.12	26.55 0.26 -21.12	26.50 0.25 -21.15	26.51 0.25 -21.17	27.63 0.23 -22.82	31.90 0.23 -27.09	32.74 0.25 -27.39	35.40 0.25 -30.04	35.93 0.25 -30.59	33.71 0.26 -28.11	26.84 0.24 -21.74	25.00 0.18 -20.84
MOHICAN__35_KV_115KV_LD 80490	24.98 0.31 -18.95	23.76 0.24 -18.73	22.13 0.23 -17.34	21.09 0.23 -16.26	21.01 0.21 -16.43	22.07 0.23 -17.25	22.75 0.22 -18.14	23.67 0.27 -18.31	23.73 0.50 -15.05	26.36 0.52 -18.00	26.40 0.48 -18.23	26.69 0.51 -18.39	26.91 0.50 -18.68	27.26 0.33 -21.77	27.22 0.33 -21.80	27.22 0.32 -21.81	28.41 0.31 -23.52	32.81 0.32 -27.92	33.63 0.33 -28.20	36.37 0.34 -30.93	36.90 0.33 -31.49	34.62 0.34 -28.94	27.54 0.30 -22.39	25.64 0.21 -21.45
MONGAUP__HYD 23641	19.40 0.31 -13.37	18.26 0.25 -13.22	17.01 0.22 -12.24	16.29 0.22 -11.48	16.17 0.21 -11.60	16.99 0.23 -12.18	17.39 0.21 -12.78	18.25 0.24 -12.91	19.21 0.42 -10.60	20.94 0.41 -12.69	20.90 0.35 -12.85	21.07 0.32 -12.96	21.21 0.32 -13.16	20.71 0.21 -15.34	20.66 0.20 -15.36	20.69 0.23 -15.37	21.35 0.20 -16.57	24.42 0.16 -19.68	25.20 0.20 -19.90	27.13 0.20 -21.83	27.54 0.22 -22.22	26.05 0.29 -20.42	20.92 0.27 -15.80	19.36 0.23 -15.14
MONTAUK__DIESEL 23721	25.61 0.69 -19.20	22.81 0.57 -17.44	20.36 0.54 -15.27	20.16 0.54 -15.03	20.15 0.51 -15.28	21.23 0.54 -16.11	22.09 0.52 -17.17	22.53 0.61 -16.82	28.30 1.04 -19.08	30.29 1.18 -21.27	33.44 1.14 -24.61	38.97 1.17 -30.02	35.01 1.14 -26.14	35.13 0.73 -29.24	33.60 0.76 -27.74	32.28 0.74 -26.44	31.12 0.65 -25.89	34.78 0.69 -29.52	36.75 0.80 -30.85	39.16 0.78 -33.29	47.93 0.79 -42.05	35.39 0.80 -29.25	28.44 0.64 -22.95	25.91 0.52 -21.40
MOONROAD_115KV_HARTFLD_TB1-2 355988	8.47 -0.17 -2.92	7.51 -0.16 -2.89	7.09 -0.14 -2.67	7.01 -0.09 -2.51	6.84 -0.06 -2.53	7.24 -0.01 -2.66	7.19 0.00 -2.79	7.95 0.03 -2.82	10.58 0.07 -2.32	10.69 0.07 -2.77	10.53 0.02 -2.81	10.66 0.05 -2.83	10.59 -0.02 -2.88	8.49 -0.03 -3.35	8.37 -0.09 -3.36	8.30 -0.15 -3.36	8.07 -0.13 -3.62	8.75 -0.12 -4.30	9.32 -0.12 -4.35	9.71 -0.15 -4.77	9.76 -0.18 -4.85	9.66 -0.14 -4.46	8.21 -0.09 -3.45	7.21 -0.09 -3.31
MORTIMER_115KV_TB3 55949	7.80 0.01 -2.08	6.82 -0.03 -2.05	6.44 -0.01 -1.90	6.37 -0.01 -1.78	6.13 -0.03 -1.80	6.47 -0.01 -1.89	6.37 -0.01 -1.99	7.11 0.01 -2.01	9.81 -0.02 -1.65	9.82 0.00 -1.97	9.67 -0.02 -2.00	9.81 0.01 -2.01	9.78 0.00 -2.05	7.57 0.02 -2.38	7.48 0.00 -2.39	7.44 -0.04 -2.39	7.13 -0.02 -2.58	7.61 -0.03 -3.06	8.18 -0.01 -3.09	8.47 -0.02 -3.39	8.51 -0.04 -3.45	8.51 -0.01 -3.17	7.31 0.00 -2.46	6.33 -0.01 -2.35
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
MUNSVILLE_WIND_PWR 323609	10.63 0.28 -4.63	9.59 0.22 -4.58	8.99 0.19 -4.24	8.78 0.21 -3.98	8.59 0.21 -4.02	9.05 0.25 -4.22	9.06 0.24 -4.43	9.87 0.31 -4.47	12.34 0.47 -3.67	12.65 0.41 -4.39	12.59 0.44 -4.45	12.72 0.44 -4.49	12.71 0.42 -4.56	10.77 0.28 -5.32	10.67 0.25 -5.32	10.70 0.28 -5.33	10.56 0.24 -5.74	11.64 0.25 -6.82	12.32 0.33 -6.89	12.99 0.33 -7.56	13.11 0.32 -7.70	12.75 0.33 -7.07	10.63 0.31 -5.47	9.48 0.25 -5.24
N SALMON__HYD 24042	2.61 -0.31 2.79	2.56 -0.26 1.97	3.04 -0.21 1.30	4.40 -0.20 0.00	4.21 -0.15 0.00	4.46 -0.13 0.00	4.31 -0.09 0.00	5.03 -0.07 0.00	8.10 -0.09 0.00	7.79 -0.05 0.00	7.68 -0.02 0.00	7.73 -0.05 0.00	7.67 -0.06 0.00	5.10 0.00 0.00	5.03 0.00 0.00	5.00 0.00 0.00	4.50 0.00 0.00	4.51 0.00 0.00	5.02 0.00 0.00	5.02 0.00 0.00	5.03 0.00 0.00	5.24 0.00 0.00	4.75 0.00 0.00	3.88 0.00 0.00
N.AKRON__115KV_KNAPP 355671	8.17 -0.06 -2.51	7.19 -0.08 -2.48	6.78 -0.07 -2.30	6.69 -0.06 -2.16	6.46 -0.08 -2.18	6.83 -0.04 -2.29	6.74 -0.06 -2.40	7.46 -0.06 -2.42	10.05 -0.13 -1.99	10.10 -0.13 -2.38	9.95 -0.16 -2.41	10.09 -0.13 -2.43	10.05 -0.15 -2.47	7.97 -0.08 -2.88	7.88 -0.10 -2.88	7.83 -0.15 -2.89	7.57 -0.12 -3.11	8.17 -0.11 -3.69	8.73 -0.10 -3.73	9.07 -0.13 -4.10	9.10 -0.15 -4.17	9.05 -0.12 -3.83	7.75 -0.07 -2.97	6.77 -0.06 -2.84
N.BELMOR_69_KV_BK1 55787	25.40 0.47 -19.20	22.63 0.39 -17.44	20.18 0.36 -15.27	19.97 0.35 -15.03	19.97 0.33 -15.28	21.04 0.35 -16.11	21.92 0.36 -17.17	22.34 0.42 -16.82	27.94 0.68 -19.08	29.81 0.69 -21.27	32.97 0.66 -24.61	38.45 0.65 -30.02	34.53 0.66 -26.14	34.84 0.43 -29.24	33.28 0.44 -27.74	31.96 0.43 -26.44	30.85 0.38 -25.89	34.49 0.39 -29.52	36.41 0.46 -30.85	38.83 0.45 -33.29	47.59 0.45 -42.05	35.07 0.48 -29.25	28.21 0.40 -22.95	25.73 0.35 -21.40
N.E._GEN_SANDY PD 24062	22.63 0.25 -16.66	21.47 0.21 -16.47	20.00 0.19 -15.26	19.10 0.20 -14.31	19.00 0.19 -14.45	19.96 0.20 -15.18	20.53 0.20 -15.93	21.41 0.23 -16.08	21.79 0.38 -13.22	24.00 0.34 -15.81	24.06 0.35 -16.01	24.30 0.36 -16.16	24.49 0.35 -16.40	24.52 0.24 -19.12	24.47 0.23 -19.15	24.48 0.23 -19.16	25.44 0.20 -20.65	29.30 0.20 -24.53	30.12 0.22 -24.80	32.52 0.22 -27.20	33.00 0.21 -27.69	30.78 0.23 -25.21	25.00 0.22 -19.93	23.02 0.16 -18.87

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.20 0.33 -14.15	19.05 0.28 -13.99	17.75 0.25 -12.95	16.98 0.24 -12.14	16.86 0.23 -12.27	17.71 0.24 -12.88	18.17 0.25 -13.52	19.03 0.29 -13.65	19.89 0.48 -11.22	21.74 0.48 -13.42	21.75 0.46 -13.59	21.96 0.46 -13.71	22.12 0.46 -13.92	21.70 0.31 -16.23	21.66 0.31 -16.25	21.66 0.31 -16.26	22.38 0.27 -17.53	25.67 0.27 -20.82	26.48 0.33 -21.06	28.51 0.32 -23.09	28.93 0.33 -23.51	27.29 0.34 -21.61	21.86 0.29 -16.71	20.25 0.25 -16.02
N. QUEENS_27_KV_LOAD 356247	20.76 0.34 -14.69	19.60 0.28 -14.52	18.25 0.25 -13.45	17.43 0.23 -12.61	17.33 0.23 -12.74	18.19 0.22 -13.38	18.68 0.23 -14.05	19.55 0.27 -14.18	20.31 0.47 -11.65	22.24 0.46 -13.94	22.26 0.45 -14.11	22.46 0.44 -14.24	22.66 0.46 -14.46	22.33 0.31 -16.85	22.29 0.32 -16.88	22.29 0.31 -16.89	23.05 0.26 -18.21	26.48 0.28 -21.62	27.30 0.34 -21.87	29.41 0.33 -23.98	29.84 0.33 -24.42	28.12 0.34 -22.44	22.49 0.28 -17.36	20.87 0.26 -16.63
N. TROY___115KV_TB1 355778	24.47 0.25 -18.50	23.28 0.21 -18.29	21.68 0.19 -16.93	20.67 0.20 -15.88	20.59 0.19 -16.04	21.63 0.20 -16.84	22.28 0.19 -17.69	23.18 0.22 -17.86	23.26 0.39 -14.67	25.76 0.36 -17.56	25.83 0.35 -17.78	26.10 0.37 -17.94	26.31 0.36 -18.22	26.64 0.24 -21.23	26.59 0.23 -21.26	26.60 0.23 -21.28	27.74 0.22 -22.94	32.02 0.21 -27.23	32.86 0.23 -27.53	35.52 0.23 -30.20	36.06 0.22 -30.74	33.83 0.24 -28.25	26.93 0.22 -21.85	25.09 0.16 -20.94
NARROWS_GT1_1 24228	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT1_2 24229	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT1_3 24230	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT1_4 24231	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT1_5 24232	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT1_6 24233	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT1_7 24234	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT1_8 24235	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT2_1 24236	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT2_2 24237	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT2_3 24238	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT2_4 24239	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63

NARROWS_GT2_5 24240	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT2_6 24241	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT2_7 24242	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NARROWS_GT2_8 24243	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.15 0.30 -17.13	21.96 0.23 -16.94	20.46 0.22 -15.68	19.53 0.23 -14.71	19.43 0.21 -14.86	20.42 0.23 -15.60	20.97 0.21 -16.37	21.86 0.24 -16.52	22.21 0.44 -13.58	24.53 0.43 -16.25	24.55 0.40 -16.45	24.82 0.43 -16.61	25.00 0.41 -16.86	25.08 0.26 -19.65	25.03 0.26 -19.68	25.04 0.26 -19.69	26.07 0.26 -21.23	30.03 0.24 -25.21	30.87 0.27 -25.51	33.35 0.28 -27.98	33.88 0.31 -28.48	31.84 0.32 -26.18	25.38 0.28 -20.25	23.59 0.20 -19.40
NCHELSEA_115KV_TR2 355582	20.71 0.34 -14.65	19.56 0.28 -14.49	18.22 0.25 -13.41	17.43 0.25 -12.58	17.30 0.24 -12.71	18.18 0.25 -13.34	18.65 0.25 -14.01	19.52 0.29 -14.14	20.30 0.49 -11.62	22.23 0.49 -13.89	22.24 0.48 -14.07	22.46 0.48 -14.20	22.62 0.47 -14.41	22.28 0.32 -16.80	22.24 0.32 -16.82	22.24 0.32 -16.83	23.01 0.27 -18.15	26.40 0.27 -21.55	27.21 0.32 -21.79	29.32 0.32 -23.90	29.77 0.35 -24.34	28.08 0.37 -22.36	22.45 0.30 -17.30	20.82 0.26 -16.58
NEG CAPITAL___MECHNVIL 23645	24.82 0.31 -18.79	23.61 0.24 -18.58	21.99 0.23 -17.20	20.96 0.23 -16.13	20.87 0.22 -16.30	21.93 0.23 -17.11	22.59 0.22 -17.97	23.50 0.26 -18.14	23.57 0.48 -14.90	26.14 0.47 -17.83	26.20 0.45 -18.05	26.51 0.48 -18.24	26.72 0.47 -18.52	27.06 0.31 -21.58	27.01 0.31 -21.61	27.02 0.30 -21.63	28.18 0.28 -23.32	32.52 0.28 -27.65	33.37 0.30 -27.97	36.08 0.31 -30.68	36.62 0.30 -31.23	34.35 0.31 -28.70	27.34 0.29 -22.20	25.47 0.21 -21.27
NEG CENTRAL_HIGH_ACRES 23767	7.68 -0.07 -2.04	6.72 -0.09 -2.01	6.34 -0.08 -1.86	6.27 -0.07 -1.75	6.04 -0.08 -1.77	6.37 -0.07 -1.85	6.27 -0.07 -1.95	7.00 -0.06 -1.97	9.69 -0.11 -1.61	9.67 -0.11 -1.93	9.53 -0.12 -1.96	9.65 -0.11 -1.97	9.63 -0.11 -2.00	7.45 -0.06 -2.34	7.36 -0.08 -2.34	7.34 -0.10 -2.34	7.02 -0.08 -2.52	7.48 -0.09 -3.00	8.05 -0.08 -3.03	8.33 -0.09 -3.32	8.37 -0.11 -3.38	8.37 -0.09 -3.11	7.19 -0.07 -2.41	6.23 -0.06 -2.31
NEG CENTRAL___DRP 24199	7.96 0.05 -2.19	6.98 0.02 -2.16	6.58 0.02 -2.00	6.51 0.03 -1.88	6.28 0.02 -1.90	6.62 0.04 -1.99	6.52 0.04 -2.09	7.25 0.05 -2.11	10.00 0.08 -1.73	9.98 0.06 -2.07	9.85 0.05 -2.10	9.97 0.06 -2.12	9.94 0.05 -2.15	7.72 0.05 -2.51	7.63 0.03 -2.51	7.61 0.01 -2.51	7.31 0.02 -2.71	7.81 0.01 -3.22	8.38 0.03 -3.25	8.68 0.02 -3.57	8.73 0.01 -3.63	8.71 0.03 -3.34	7.47 0.03 -2.58	6.49 0.03 -2.48
NEG CENTRAL___INDECK 23768	8.60 0.26 -2.61	7.55 0.18 -2.58	7.13 0.18 -2.39	7.03 0.19 -2.24	6.79 0.17 -2.27	7.18 0.21 -2.38	7.11 0.22 -2.50	7.89 0.26 -2.52	10.64 0.38 -2.07	10.71 0.38 -2.48	10.53 0.32 -2.51	10.68 0.36 -2.53	10.64 0.33 -2.57	8.39 0.22 -3.00	8.29 0.19 -3.00	8.25 0.16 -3.01	7.98 0.16 -3.24	8.59 0.16 -3.85	9.22 0.23 -3.89	9.60 0.24 -4.27	9.67 0.23 -4.34	9.61 0.27 -3.99	8.19 0.25 -3.09	7.14 0.20 -2.96
NEG CENTRAL___SENECA 23627	8.18 0.08 -2.38	7.19 0.05 -2.35	6.78 0.05 -2.17	6.69 0.06 -2.04	6.47 0.05 -2.06	6.82 0.07 -2.16	6.74 0.07 -2.27	7.48 0.09 -2.29	10.22 0.15 -1.88	10.21 0.11 -2.25	10.07 0.09 -2.28	10.21 0.12 -2.30	10.18 0.11 -2.34	7.97 0.08 -2.73	7.88 0.05 -2.73	7.86 0.04 -2.73	7.57 0.05 -2.94	8.11 0.03 -3.50	8.69 0.06 -3.54	9.02 0.05 -3.88	9.08 0.04 -3.95	9.03 0.06 -3.63	7.73 0.07 -2.81	6.74 0.06 -2.69
NEG CENTRAL___STATE_STREET 24147	7.93 0.05 -2.16	6.95 0.03 -2.13	6.56 0.03 -1.97	6.48 0.03 -1.85	6.26 0.03 -1.87	6.58 0.03 -1.96	6.49 0.03 -2.06	7.22 0.05 -2.08	9.99 0.09 -1.71	10.02 0.13 -2.05	9.89 0.12 -2.07	10.00 0.12 -2.09	9.98 0.12 -2.12	7.73 0.09 -2.47	7.65 0.07 -2.48	7.63 0.06 -2.48	7.32 0.07 -2.67	7.80 0.05 -3.17	8.38 0.07 -3.21	8.67 0.06 -3.52	8.72 0.05 -3.58	8.71 0.07 -3.29	7.43 0.03 -2.55	6.46 0.03 -2.44
NEG MILLWOOD___DRP 24198	20.90 0.35 -14.83	19.74 0.30 -14.66	18.39 0.26 -13.57	17.59 0.26 -12.73	17.46 0.24 -12.86	18.35 0.26 -13.50	18.82 0.25 -14.18	19.70 0.30 -14.31	20.45 0.50 -11.76	22.44 0.53 -14.06	22.45 0.52 -14.23	22.66 0.51 -14.37	22.83 0.51 -14.59	22.50 0.34 -17.00	22.46 0.34 -17.02	22.46 0.34 -17.04	23.24 0.29 -18.37	26.69 0.30 -21.81	27.50 0.35 -22.06	29.64 0.35 -24.19	30.08 0.36 -24.63	28.37 0.40 -22.63	22.67 0.32 -17.51	21.03 0.26 -16.78
NEG NORTH_FLCN_SEA 23793	2.37 -0.38 2.97	2.39 -0.31 2.10	2.93 -0.25 1.38	4.37 -0.23 0.00	4.19 -0.17 0.00	4.44 -0.15 0.00	4.30 -0.10 0.00	5.02 -0.08 0.00	8.09 -0.10 0.00	7.82 -0.02 0.00	7.71 0.01 0.00	7.76 -0.02 0.00	7.69 -0.05 0.00	5.11 -0.05 0.00	5.05 -0.05 0.00	5.02 -0.07 0.00	4.50 -0.08 0.00	4.53 -0.05 0.00	5.03 -0.07 0.00	5.04 -0.06 0.00	5.04 -0.05 0.00	5.24 -0.10 0.00	4.73 -0.12 0.00	3.87 -0.12 0.00
NEG NORTH_KES_CHATEGAY 23792	2.41 -0.39 2.93	2.41 -0.32 2.06	2.94 -0.26 1.36	4.36 -0.24 0.00	4.17 -0.19 0.00	4.42 -0.17 0.00	4.27 -0.12 0.00	4.98 -0.11 0.00	8.04 -0.15 0.00	7.76 -0.09 0.00	7.64 -0.06 0.00	7.69 -0.09 0.00	7.62 -0.12 0.00	5.07 -0.09 0.00	5.01 -0.09 0.00	4.99 -0.10 0.00	4.48 -0.10 0.00	4.50 -0.08 0.00	5.00 -0.10 0.00	5.02 -0.08 0.00	5.01 -0.08 0.00	5.22 -0.13 0.00	4.71 -0.14 0.00	3.85 -0.14 0.00

NEG NORTH___ALICE_FALLS 23915	2.39 -0.37 2.97	2.39 -0.31 2.09	2.94 -0.24 1.38	4.38 -0.22 0.00	4.20 -0.17 0.00	4.45 -0.14 0.00	4.30 -0.09 0.00	5.03 -0.07 0.00	8.12 -0.07 0.00	7.83 -0.02 0.00	7.72 0.02 0.00	7.77 -0.02 0.00	7.70 -0.04 0.00	5.12 -0.05 0.00	5.06 -0.04 0.00	5.02 -0.07 0.00	4.51 -0.07 0.00	4.54 -0.04 0.00	5.05 -0.05 0.00	5.06 -0.04 0.00	5.05 -0.04 0.00	5.25 -0.09 0.00	4.74 -0.11 0.00	3.87 -0.12 0.00
NEG NORTH___LWR_SARANAC 23913	2.39 -0.37 2.97	2.39 -0.31 2.09	2.94 -0.24 1.38	4.38 -0.22 0.00	4.20 -0.17 0.00	4.45 -0.14 0.00	4.30 -0.09 0.00	5.03 -0.07 0.00	8.12 -0.07 0.00	7.83 -0.02 0.00	7.72 0.02 0.00	7.77 -0.02 0.00	7.70 -0.04 0.00	5.12 -0.05 0.00	5.06 -0.04 0.00	5.02 -0.07 0.00	4.51 -0.07 0.00	4.54 -0.04 0.00	5.05 -0.05 0.00	5.06 -0.04 0.00	5.05 -0.04 0.00	5.25 -0.09 0.00	4.74 -0.11 0.00	3.87 -0.12 0.00
NEG NORTH___PLATTSBURG 23628	2.39 -0.37 2.97	2.39 -0.31 2.09	2.94 -0.24 1.38	4.38 -0.22 0.00	4.20 -0.17 0.00	4.45 -0.14 0.00	4.30 -0.09 0.00	5.03 -0.07 0.00	8.12 -0.07 0.00	7.83 -0.02 0.00	7.72 0.02 0.00	7.77 -0.02 0.00	7.70 -0.04 0.00	5.12 -0.05 0.00	5.06 -0.04 0.00	5.02 -0.07 0.00	4.51 -0.07 0.00	4.54 -0.04 0.00	5.05 -0.05 0.00	5.05 -0.05 0.00	5.05 -0.04 0.00	5.25 -0.09 0.00	4.74 -0.11 0.00	3.87 -0.12 0.00
NEG WEST_LEA_LOCKPORT 23791	8.15 -0.11 -2.53	7.18 -0.12 -2.51	6.77 -0.10 -2.32	6.67 -0.10 -2.18	6.44 -0.12 -2.20	6.81 -0.08 -2.31	6.73 -0.09 -2.42	7.44 -0.10 -2.45	10.01 -0.19 -2.01	10.06 -0.19 -2.40	9.92 -0.22 -2.43	10.06 -0.19 -2.46	10.02 -0.21 -2.49	7.96 -0.11 -2.91	7.87 -0.13 -2.91	7.83 -0.17 -2.91	7.57 -0.15 -3.14	8.17 -0.14 -3.73	8.73 -0.13 -3.77	9.06 -0.17 -4.13	9.10 -0.20 -4.21	9.05 -0.16 -3.86	7.74 -0.11 -2.99	6.76 -0.09 -2.87
NEG WEST___LANCASTR 23811	8.42 -0.20 -2.90	7.47 -0.19 -2.87	7.03 -0.18 -2.66	6.92 -0.17 -2.49	6.71 -0.17 -2.52	7.09 -0.15 -2.64	7.03 -0.14 -2.78	7.75 -0.15 -2.80	10.25 -0.25 -2.30	10.36 -0.24 -2.75	10.22 -0.27 -2.79	10.36 -0.24 -2.81	10.34 -0.26 -2.86	8.34 -0.15 -3.33	8.25 -0.18 -3.34	8.21 -0.22 -3.34	7.99 -0.19 -3.60	8.67 -0.18 -4.27	9.23 -0.18 -4.32	9.62 -0.22 -4.74	9.67 -0.24 -4.82	9.56 -0.22 -4.43	8.11 -0.17 -3.43	7.12 -0.15 -3.29
NEG_PENN_ALLEGHNY 23528	10.71 0.09 -4.90	9.70 0.06 -4.85	9.10 0.06 -4.49	8.87 0.06 -4.21	8.67 0.06 -4.25	9.12 0.07 -4.47	9.15 0.06 -4.69	9.91 0.08 -4.73	12.20 0.12 -3.89	12.62 0.12 -4.65	12.52 0.11 -4.71	12.66 0.12 -4.75	12.68 0.12 -4.83	10.87 0.08 -5.63	10.80 0.07 -5.63	10.79 0.06 -5.64	10.72 0.06 -6.08	11.84 0.05 -7.22	12.46 0.07 -7.30	13.16 0.06 -8.01	13.29 0.05 -8.15	12.90 0.06 -7.49	10.71 0.07 -5.79	9.59 0.06 -5.55
NEG___GEN_MONROE 24207	7.80 0.01 -2.08	6.82 -0.03 -2.05	6.45 0.00 -1.90	6.39 0.00 -1.78	6.15 -0.02 -1.80	6.49 0.01 -1.89	6.38 0.00 -1.99	7.12 0.02 -2.01	9.82 -0.02 -1.65	9.82 0.01 -1.97	9.68 -0.02 -2.00	9.81 0.01 -2.01	9.78 0.00 -2.05	7.58 0.03 -2.38	7.49 0.01 -2.39	7.44 -0.04 -2.39	7.13 -0.03 -2.58	7.60 -0.03 -3.06	8.18 -0.01 -3.09	8.47 -0.02 -3.39	8.52 -0.03 -3.45	8.52 0.00 -3.17	7.31 0.01 -2.46	6.35 0.01 -2.35
NEPA___ENERGY 23901	8.63 -0.03 -2.94	7.65 -0.05 -2.91	7.21 -0.04 -2.69	7.09 -0.03 -2.53	6.88 -0.03 -2.55	7.27 0.00 -2.68	7.21 0.00 -2.81	7.96 0.02 -2.84	10.55 0.02 -2.33	10.67 0.03 -2.79	10.53 0.00 -2.83	10.66 0.02 -2.85	10.63 0.00 -2.90	8.56 0.02 -3.37	8.46 -0.02 -3.38	8.42 -0.06 -3.38	8.19 -0.04 -3.65	8.87 -0.03 -4.33	9.45 -0.02 -4.38	9.84 -0.06 -4.80	9.90 -0.08 -4.89	9.79 -0.05 -4.49	8.31 -0.02 -3.48	7.29 -0.02 -3.33
NEVERSINK___HYD 23608	19.07 0.30 -13.05	17.94 0.25 -12.90	16.71 0.21 -11.94	16.00 0.21 -11.20	15.88 0.20 -11.31	16.69 0.22 -11.88	17.08 0.21 -12.47	17.93 0.24 -12.59	18.96 0.43 -10.35	20.62 0.40 -12.38	20.62 0.38 -12.53	20.84 0.40 -12.65	20.97 0.39 -12.85	20.40 0.26 -14.97	20.34 0.25 -15.00	20.36 0.26 -15.01	20.98 0.22 -16.18	23.99 0.22 -19.20	24.78 0.22 -19.42	26.66 0.26 -21.30	27.07 0.30 -21.68	25.59 0.32 -19.93	20.53 0.27 -15.42	18.99 0.24 -14.77
NEWKRMKL_115KV_TB1 55635	24.41 0.27 -18.42	23.22 0.22 -18.21	21.63 0.21 -16.86	20.63 0.22 -15.82	20.54 0.20 -15.98	21.58 0.21 -16.78	22.21 0.20 -17.61	23.11 0.23 -17.78	23.20 0.40 -14.61	25.71 0.38 -17.48	25.77 0.37 -17.70	26.04 0.39 -17.86	26.26 0.39 -18.13	26.55 0.25 -21.14	26.51 0.25 -21.17	26.52 0.24 -21.18	27.64 0.22 -22.83	31.91 0.22 -27.11	32.76 0.24 -27.42	35.42 0.24 -30.07	35.95 0.24 -30.62	33.73 0.25 -28.14	26.85 0.24 -21.77	25.02 0.18 -20.86
NEWTON___FALLS_HYD 23847	4.47 -0.15 1.10	4.02 -0.13 0.64	4.14 -0.13 0.29	4.89 -0.13 -0.42	4.68 -0.11 -0.43	4.93 -0.11 -0.45	4.78 -0.09 -0.47	5.47 -0.10 -0.48	8.42 -0.16 -0.39	8.14 -0.17 -0.47	8.01 -0.16 -0.47	8.08 -0.19 -0.48	8.05 -0.17 -0.49	5.59 -0.14 -0.57	5.49 -0.17 -0.57	5.51 -0.15 -0.57	5.06 -0.14 -0.61	5.17 -0.14 -0.73	5.69 -0.14 -0.74	5.78 -0.13 -0.81	5.80 -0.11 -0.82	5.99 -0.11 -0.75	5.34 -0.09 -0.58	4.47 -0.08 -0.56
NGRID_A1_DSASP 323792	8.08 -0.21 -2.57	7.13 -0.20 -2.54	6.72 -0.18 -2.35	6.62 -0.17 -2.20	6.40 -0.19 -2.22	6.77 -0.16 -2.34	6.69 -0.16 -2.45	7.39 -0.17 -2.46	9.91 -0.30 -2.03	9.97 -0.30 -2.42	9.83 -0.32 -2.45	9.96 -0.30 -2.48	9.93 -0.32 -2.51	7.92 -0.17 -2.93	7.83 -0.19 -2.93	7.80 -0.23 -2.93	7.54 -0.20 -3.16	8.14 -0.19 -3.75	8.69 -0.20 -3.79	9.04 -0.22 -4.16	9.04 -0.25 -4.20	8.98 -0.22 -3.86	7.69 -0.17 -3.01	6.73 -0.16 -2.90
NGRID_A2_DSASP 323793	8.08 -0.21 -2.57	7.13 -0.20 -2.54	6.72 -0.18 -2.35	6.62 -0.17 -2.20	6.40 -0.19 -2.22	6.77 -0.16 -2.34	6.69 -0.16 -2.45	7.39 -0.17 -2.46	9.91 -0.30 -2.03	9.97 -0.30 -2.42	9.83 -0.32 -2.45	9.96 -0.30 -2.48	9.93 -0.32 -2.51	7.92 -0.17 -2.93	7.83 -0.19 -2.93	7.80 -0.23 -2.93	7.54 -0.20 -3.16	8.14 -0.19 -3.75	8.69 -0.20 -3.79	9.04 -0.22 -4.16	9.04 -0.25 -4.20	8.98 -0.22 -3.86	7.69 -0.17 -3.01	6.73 -0.16 -2.90
NGRID_A4_DSASP 323807	8.08 -0.21 -2.57	7.13 -0.20 -2.54	6.72 -0.18 -2.35	6.62 -0.17 -2.20	6.40 -0.19 -2.22	6.77 -0.16 -2.34	6.69 -0.16 -2.45	7.39 -0.17 -2.46	9.91 -0.30 -2.03	9.97 -0.30 -2.42	9.83 -0.32 -2.45	9.96 -0.30 -2.48	9.93 -0.32 -2.51	7.92 -0.17 -2.93	7.83 -0.19 -2.93	7.80 -0.23 -2.93	7.54 -0.20 -3.16	8.14 -0.19 -3.75	8.69 -0.20 -3.79	9.04 -0.22 -4.16	9.04 -0.25 -4.20	8.98 -0.22 -3.86	7.69 -0.17 -3.01	6.73 -0.16 -2.90
NIAGARA_115E_LBMP 323715	8.10 -0.18 -2.56	7.15 -0.17 -2.53	6.74 -0.16 -2.34	6.64 -0.15 -2.20	6.42 -0.17 -2.22	6.79 -0.13 -2.33	6.70 -0.15 -2.45	7.38 -0.18 -2.47	9.90 -0.32 -2.03	9.96 -0.31 -2.43	9.81 -0.35 -2.46	9.95 -0.32 -2.48	9.92 -0.33 -2.52	7.91 -0.19 -2.94	7.82 -0.21 -2.94	7.78 -0.25 -2.94	7.53 -0.22 -3.17	8.13 -0.21 -3.77	8.69 -0.21 -3.81	9.04 -0.23 -4.18	9.07 -0.28 -4.25	9.00 -0.25 -3.91	7.69 -0.18 -3.02	6.74 -0.15 -2.90

NIAGARA_115W_LBMP 323714	8.06 -0.22 -2.56	7.12 -0.21 -2.53	6.71 -0.19 -2.34	6.61 -0.19 -2.20	6.39 -0.20 -2.22	6.75 -0.17 -2.33	6.67 -0.17 -2.45	7.38 -0.18 -2.46	9.89 -0.32 -2.02	9.95 -0.31 -2.42	9.80 -0.35 -2.45	9.93 -0.33 -2.47	9.91 -0.33 -2.51	7.90 -0.19 -2.92	7.81 -0.21 -2.92	7.77 -0.24 -2.93	7.52 -0.22 -3.15	8.11 -0.21 -3.74	8.67 -0.21 -3.78	9.01 -0.23 -4.15	9.00 -0.27 -4.18	8.95 -0.24 -3.84	7.68 -0.18 -3.01	6.72 -0.16 -2.90
NIAGARA_230_LBMP 323716	8.11 -0.14 -2.53	7.14 -0.14 -2.50	6.74 -0.13 -2.31	6.64 -0.12 -2.17	6.42 -0.14 -2.19	6.78 -0.11 -2.30	6.70 -0.11 -2.42	7.43 -0.11 -2.44	9.99 -0.20 -2.00	10.04 -0.20 -2.40	9.89 -0.24 -2.43	10.03 -0.21 -2.45	10.00 -0.22 -2.49	7.95 -0.11 -2.90	7.86 -0.14 -2.90	7.82 -0.17 -2.91	7.56 -0.15 -3.13	8.16 -0.14 -3.72	8.72 -0.14 -3.76	9.06 -0.16 -4.13	9.10 -0.20 -4.20	9.04 -0.17 -3.86	7.72 -0.12 -2.99	6.74 -0.11 -2.86
NIAGARA__115KV_198_GIBSON 55903	8.06 -0.22 -2.56	7.12 -0.21 -2.53	6.71 -0.19 -2.34	6.61 -0.19 -2.20	6.39 -0.20 -2.22	6.75 -0.17 -2.33	6.67 -0.17 -2.45	7.38 -0.18 -2.46	9.89 -0.32 -2.02	9.94 -0.32 -2.42	9.80 -0.35 -2.45	9.94 -0.32 -2.47	9.91 -0.33 -2.51	7.90 -0.19 -2.92	7.81 -0.21 -2.92	7.77 -0.24 -2.93	7.52 -0.22 -3.15	8.12 -0.20 -3.74	8.67 -0.21 -3.78	8.99 -0.25 -4.15	9.01 -0.27 -4.18	8.95 -0.24 -3.84	7.68 -0.18 -3.01	6.72 -0.16 -2.90
NIAGARA____ 23760	8.08 -0.20 -2.56	7.13 -0.19 -2.53	6.72 -0.18 -2.34	6.62 -0.17 -2.20	6.40 -0.18 -2.22	6.76 -0.16 -2.33	6.68 -0.16 -2.45	7.39 -0.17 -2.46	9.91 -0.30 -2.02	9.97 -0.30 -2.42	9.82 -0.33 -2.45	9.95 -0.31 -2.47	9.93 -0.32 -2.51	7.91 -0.18 -2.93	7.82 -0.20 -2.93	7.78 -0.24 -2.93	7.53 -0.21 -3.16	8.13 -0.20 -3.75	8.68 -0.21 -3.79	9.03 -0.22 -4.16	9.05 -0.26 -4.22	8.98 -0.24 -3.88	7.68 -0.18 -3.02	6.73 -0.16 -2.90
NINE_MILE_1 23575	6.91 -0.10 -1.29	5.97 -0.10 -1.27	5.64 -0.09 -1.18	5.61 -0.09 -1.11	5.38 -0.10 -1.12	5.66 -0.11 -1.17	5.52 -0.11 -1.23	6.21 -0.13 -1.24	9.01 -0.20 -1.02	8.86 -0.20 -1.22	8.73 -0.21 -1.24	8.83 -0.20 -1.25	8.79 -0.21 -1.27	6.51 -0.13 -1.48	6.43 -0.15 -1.48	6.42 -0.15 -1.48	6.04 -0.14 -1.60	6.33 -0.14 -1.90	6.87 -0.15 -1.92	7.05 -0.15 -2.10	7.07 -0.16 -2.14	7.16 -0.16 -1.97	6.24 -0.14 -1.52	5.33 -0.11 -1.46
NINE_MILE_2 23744	6.91 -0.10 -1.29	5.97 -0.10 -1.27	5.64 -0.09 -1.18	5.61 -0.09 -1.11	5.38 -0.10 -1.12	5.65 -0.11 -1.17	5.52 -0.11 -1.23	6.21 -0.13 -1.24	9.01 -0.20 -1.02	8.86 -0.20 -1.22	8.73 -0.21 -1.24	8.83 -0.20 -1.25	8.79 -0.21 -1.27	6.51 -0.13 -1.48	6.43 -0.14 -1.48	6.42 -0.15 -1.48	6.04 -0.14 -1.60	6.33 -0.14 -1.89	6.87 -0.15 -1.92	7.05 -0.15 -2.10	7.07 -0.16 -2.14	7.16 -0.16 -1.97	6.24 -0.14 -1.52	5.33 -0.11 -1.46
NM_CAPITAL____DRP 24208	24.16 0.25 -18.19	22.98 0.21 -17.98	21.40 0.20 -16.65	20.41 0.20 -15.62	20.32 0.18 -15.77	21.34 0.19 -16.57	21.97 0.18 -17.39	22.86 0.21 -17.55	22.98 0.37 -14.42	25.44 0.35 -17.25	25.51 0.34 -17.47	25.77 0.35 -17.63	25.98 0.35 -17.90	26.26 0.23 -20.86	26.21 0.22 -20.89	26.22 0.22 -20.91	27.32 0.20 -22.54	31.54 0.20 -26.76	32.39 0.22 -27.07	35.01 0.22 -29.69	35.54 0.21 -30.23	33.35 0.22 -27.78	26.56 0.21 -21.49	24.74 0.16 -20.59
NM_CENTRAL____DRP 24181	7.31 0.00 -1.59	6.35 -0.01 -1.57	6.00 -0.01 -1.46	5.95 -0.01 -1.37	5.72 -0.02 -1.38	6.02 -0.02 -1.45	5.89 -0.03 -1.52	6.60 -0.03 -1.54	9.41 -0.04 -1.26	9.31 -0.05 -1.51	9.17 -0.05 -1.53	9.28 -0.05 -1.54	9.25 -0.05 -1.57	6.97 -0.03 -1.83	6.88 -0.04 -1.83	6.87 -0.05 -1.83	6.51 -0.04 -1.97	6.87 -0.05 -2.34	7.42 -0.05 -2.37	7.64 -0.06 -2.60	7.68 -0.06 -2.64	7.73 -0.05 -2.43	6.69 -0.04 -1.88	5.76 -0.03 -1.80
NM_FRONTIER____DRP 24179	8.06 -0.22 -2.56	7.12 -0.21 -2.53	6.71 -0.19 -2.34	6.61 -0.19 -2.20	6.39 -0.20 -2.22	6.75 -0.17 -2.33	6.67 -0.17 -2.45	7.38 -0.18 -2.46	9.89 -0.32 -2.02	9.94 -0.32 -2.42	9.80 -0.35 -2.45	9.94 -0.32 -2.47	9.91 -0.33 -2.51	7.90 -0.19 -2.92	7.81 -0.21 -2.92	7.77 -0.24 -2.93	7.52 -0.22 -3.15	8.12 -0.20 -3.74	8.67 -0.21 -3.78	8.99 -0.25 -4.15	9.01 -0.27 -4.18	8.95 -0.24 -3.84	7.68 -0.18 -3.01	6.72 -0.16 -2.90
NM_ST_REGIS____HYD 24053	2.98 -0.26 2.48	2.83 -0.21 1.75	3.21 -0.19 1.15	4.41 -0.19 0.00	4.21 -0.15 0.00	4.44 -0.15 0.00	4.27 -0.12 0.00	4.97 -0.13 0.00	7.98 -0.20 0.00	7.65 -0.20 0.00	7.53 -0.17 0.00	7.58 -0.20 0.00	7.53 -0.20 0.00	5.00 -0.17 0.00	4.90 -0.19 0.00	4.90 -0.19 0.00	4.40 -0.18 0.00	4.40 -0.18 0.00	4.90 -0.20 0.00	4.91 -0.19 0.00	4.92 -0.17 0.00	5.17 -0.17 0.00	4.71 -0.14 0.00	3.87 -0.12 0.00
NORTHPORT____1 23551	25.35 0.43 -19.20	22.59 0.36 -17.44	20.16 0.33 -15.27	19.94 0.32 -15.03	19.94 0.30 -15.28	21.01 0.32 -16.11	21.89 0.33 -17.17	22.30 0.38 -16.82	27.88 0.61 -19.08	29.69 0.57 -21.27	32.85 0.55 -24.61	38.32 0.51 -30.02	34.40 0.53 -26.14	34.75 0.35 -29.24	33.20 0.36 -27.74	31.90 0.37 -26.44	30.79 0.32 -25.89	34.43 0.33 -29.52	36.34 0.39 -30.85	38.76 0.38 -33.29	47.51 0.37 -42.05	34.99 0.40 -29.25	28.14 0.33 -22.95	25.68 0.29 -21.40
NORTHPORT____2 23552	25.35 0.43 -19.20	22.59 0.36 -17.44	20.16 0.33 -15.27	19.94 0.32 -15.03	19.94 0.30 -15.28	21.01 0.32 -16.11	21.89 0.33 -17.17	22.30 0.38 -16.82	27.88 0.61 -19.08	29.69 0.57 -21.27	32.85 0.55 -24.60	38.31 0.51 -30.01	34.39 0.53 -26.13	34.74 0.35 -29.23	33.19 0.36 -27.73	31.90 0.37 -26.43	30.79 0.32 -25.89	34.42 0.33 -29.51	36.34 0.39 -30.85	38.75 0.38 -33.28	47.50 0.37 -42.04	34.98 0.40 -29.24	28.14 0.33 -22.95	25.68 0.29 -21.40
NORTHPORT____3 23553	25.45 0.53 -19.20	22.67 0.44 -17.44	20.23 0.40 -15.27	20.02 0.40 -15.03	20.02 0.38 -15.28	21.09 0.39 -16.11	21.97 0.40 -17.17	22.38 0.46 -16.82	28.03 0.76 -19.08	29.87 0.75 -21.27	33.04 0.73 -24.61	38.52 0.72 -30.02	34.60 0.73 -26.14	34.89 0.48 -29.24	33.33 0.49 -27.74	32.03 0.49 -26.44	30.90 0.43 -25.89	34.54 0.44 -29.52	36.46 0.51 -30.85	38.88 0.50 -33.29	47.64 0.50 -42.05	35.12 0.52 -29.25	28.26 0.45 -22.96	25.77 0.39 -21.40
NORTHPORT____4 23650	25.45 0.53 -19.20	22.67 0.44 -17.44	20.23 0.40 -15.27	20.02 0.40 -15.03	20.02 0.38 -15.28	21.09 0.39 -16.11	21.97 0.40 -17.17	22.38 0.46 -16.82	28.03 0.76 -19.08	29.87 0.75 -21.27	33.04 0.73 -24.61	38.52 0.72 -30.02	34.60 0.73 -26.14	34.89 0.48 -29.24	33.33 0.49 -27.74	32.03 0.49 -26.44	30.90 0.43 -25.89	34.54 0.44 -29.52	36.46 0.51 -30.85	38.88 0.50 -33.29	47.64 0.50 -42.05	35.12 0.52 -29.25	28.26 0.45 -22.96	25.77 0.39 -21.40
NORTHPORT____IC 23718	25.35 0.43 -19.20	22.59 0.36 -17.44	20.16 0.33 -15.27	19.94 0.32 -15.03	19.94 0.30 -15.28	21.01 0.32 -16.11	21.89 0.33 -17.17	22.30 0.38 -16.82	27.88 0.61 -19.08	29.69 0.57 -21.27	32.85 0.55 -24.60	38.31 0.51 -30.01	34.39 0.53 -26.13	34.74 0.35 -29.23	33.19 0.36 -27.73	31.90 0.37 -26.43	30.79 0.32 -25.89	34.42 0.33 -29.51	36.34 0.39 -30.85	38.75 0.38 -33.28	47.50 0.37 -42.04	34.98 0.40 -29.24	28.14 0.33 -22.95	25.68 0.29 -21.40

NORTH_COUNTRY_ESR 323785	2.39 -0.41 2.92	2.40 -0.33 2.06	2.92 -0.27 1.36	4.34 -0.25 0.00	4.16 -0.20 0.00	4.41 -0.18 0.00	4.27 -0.13 0.00	4.97 -0.13 0.00	8.01 -0.18 0.00	7.73 -0.11 0.00	7.62 -0.08 0.00	7.68 -0.10 0.00	7.62 -0.12 0.00	5.07 -0.10 0.00	5.01 -0.09 0.00	4.97 -0.12 0.00	4.47 -0.11 0.00	4.49 -0.09 0.00	4.99 -0.11 0.00	5.00 -0.10 0.00	4.99 -0.10 0.00	5.20 -0.14 0.00	4.69 -0.16 0.00	3.83 -0.15 0.00
NPX_GEN_1385_PROXY 323591	25.30 0.38 -19.20	22.56 0.33 -17.44	20.13 0.30 -15.27	19.92 0.29 -15.03	19.92 0.27 -15.28	20.99 0.29 -16.11	21.87 0.30 -17.17	22.27 0.35 -16.82	27.82 0.56 -19.08	29.52 0.40 -21.27	32.67 0.37 -24.61	34.80 0.19 -26.82	34.10 0.23 -26.13	34.57 0.17 -29.24	33.02 0.18 -27.74	31.80 0.27 -26.44	30.68 0.21 -25.89	34.30 0.21 -29.52	36.20 0.25 -30.85	38.60 0.22 -33.28	40.64 0.16 -35.39	34.60 0.25 -29.00	28.35 0.30 -23.19	25.66 0.27 -21.40
NPX_GEN_CSC 323557	25.45 0.53 -19.20	22.67 0.44 -17.44	20.24 0.41 -15.27	20.03 0.40 -15.03	20.02 0.38 -15.28	21.10 0.40 -16.11	21.96 0.40 -17.17	22.38 0.46 -16.82	28.04 0.78 -19.08	29.93 0.81 -21.27	33.11 0.81 -24.61	38.61 0.80 -30.02	34.67 0.80 -26.14	34.92 0.51 -29.24	33.39 0.55 -27.74	32.07 0.54 -26.44	30.93 0.46 -25.89	34.59 0.50 -29.52	36.53 0.58 -30.85	38.95 0.57 -33.29	47.71 0.57 -42.05	34.93 0.58 -29.01	28.52 0.47 -23.19	25.79 0.40 -21.40
NSINS_S_GLNS_FALLS 23858	25.00 0.31 -18.96	23.78 0.24 -18.75	22.15 0.23 -17.36	21.11 0.23 -16.28	21.02 0.21 -16.45	22.08 0.22 -17.27	22.77 0.22 -18.16	23.69 0.26 -18.33	23.75 0.50 -15.06	26.38 0.52 -18.02	26.42 0.48 -18.24	26.72 0.52 -18.41	26.94 0.51 -18.69	27.28 0.33 -21.79	27.24 0.33 -21.82	27.24 0.32 -21.83	28.43 0.31 -23.54	32.84 0.32 -27.95	33.65 0.33 -28.22	36.40 0.34 -30.96	36.93 0.33 -31.52	34.64 0.34 -28.96	27.56 0.30 -22.41	25.66 0.21 -21.47
NUCOR_STEEL_DRP 24197	7.88 0.07 -2.09	6.90 0.04 -2.06	6.50 0.04 -1.91	6.44 0.05 -1.79	6.21 0.04 -1.81	6.53 0.05 -1.90	6.44 0.04 -1.99	7.17 0.06 -2.01	9.94 0.10 -1.65	9.91 0.09 -1.98	9.77 0.07 -2.00	9.88 0.07 -2.02	9.86 0.07 -2.05	7.62 0.06 -2.39	7.53 0.04 -2.40	7.52 0.03 -2.40	7.21 0.04 -2.59	7.68 0.03 -3.07	8.25 0.05 -3.11	8.53 0.03 -3.41	8.58 0.03 -3.47	8.57 0.02 -3.19	7.35 0.04 -2.47	6.39 0.04 -2.36
NUMBER_THREE_WT_PWR 323818	5.69 -0.07 -0.04	4.94 -0.07 -0.22	4.80 -0.08 -0.32	5.10 -0.08 -0.58	4.88 -0.07 -0.58	5.13 -0.06 -0.61	4.98 -0.06 -0.64	5.69 -0.06 -0.65	8.64 -0.08 -0.53	8.39 -0.09 -0.64	8.26 -0.08 -0.65	8.34 -0.10 -0.65	8.31 -0.08 -0.66	5.86 -0.07 -0.77	5.78 -0.09 -0.77	5.81 -0.05 -0.77	5.37 -0.05 -0.83	5.53 -0.04 -0.99	6.08 -0.02 -1.00	6.19 0.00 -1.10	6.21 0.01 -1.12	6.34 -0.03 -1.03	5.61 -0.03 -0.79	4.71 -0.03 -0.76
NYISO_LBMP_REFERENCE 24008	5.72 0.00 0.00	4.79 0.00 0.00	4.55 0.00 0.00	4.60 0.00 0.00	4.36 0.00 0.00	4.59 0.00 0.00	4.40 0.00 0.00	5.10 0.00 0.00	8.19 0.00 0.00	7.84 0.00 0.00	7.70 0.00 0.00	7.79 0.00 0.00	7.73 0.00 0.00	5.17 0.00 0.00	5.10 0.00 0.00	5.09 0.00 0.00	4.58 0.00 0.00	4.58 0.00 0.00	5.10 0.00 0.00	5.10 0.00 0.00	5.09 0.00 0.00	5.34 0.00 0.00	4.85 0.00 0.00	3.99 0.00 0.00
NYPA_BRENTWD_GT 24164	25.42 0.50 -19.20	22.65 0.42 -17.44	20.21 0.38 -15.27	20.00 0.38 -15.03	20.00 0.35 -15.28	21.07 0.38 -16.11	21.94 0.38 -17.17	22.36 0.44 -16.82	27.99 0.73 -19.08	29.83 0.71 -21.27	33.01 0.70 -24.61	38.49 0.69 -30.02	34.56 0.69 -26.14	34.86 0.45 -29.24	33.31 0.47 -27.74	32.00 0.47 -26.44	30.88 0.41 -25.89	34.53 0.43 -29.52	36.45 0.50 -30.85	38.87 0.49 -33.29	47.63 0.49 -42.05	35.10 0.51 -29.25	28.23 0.42 -22.95	25.75 0.36 -21.40
NYPA_GOWANUS_GT5 24156	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NYPA_GOWANUS_GT6 24157	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.69 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.36 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.90 0.28 -16.63
NYPA_HARLEM_RVR_GT1 24160	20.76 0.34 -14.69	19.60 0.28 -14.52	18.25 0.25 -13.45	17.43 0.23 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.67 0.23 -14.04	19.53 0.26 -14.17	20.29 0.46 -11.64	22.23 0.45 -13.93	22.24 0.44 -14.11	22.46 0.44 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.28 0.31 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.83 0.33 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
NYPA_HARLEM_RVR_GT2 24161	20.76 0.34 -14.69	19.60 0.28 -14.52	18.25 0.25 -13.45	17.43 0.23 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.67 0.23 -14.04	19.53 0.26 -14.17	20.29 0.46 -11.64	22.23 0.45 -13.93	22.24 0.44 -14.11	22.46 0.44 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.28 0.31 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.83 0.33 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
NYPA_KENT_GT 24152	20.80 0.38 -14.69	19.63 0.32 -14.52	18.28 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.21 0.24 -13.38	18.69 0.25 -14.05	19.57 0.29 -14.18	20.35 0.51 -11.65	22.29 0.50 -13.94	22.30 0.49 -14.11	22.51 0.48 -14.24	22.69 0.50 -14.46	22.35 0.33 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.07 0.27 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.51 0.30 -17.36	20.89 0.27 -16.63
NYPA_POUCH1_GT 24155	20.80 0.39 -14.69	19.63 0.32 -14.52	18.28 0.28 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.18 0.21 -13.38	18.63 0.20 -14.04	19.50 0.23 -14.17	20.25 0.42 -11.64	22.20 0.42 -13.93	22.21 0.41 -14.11	22.43 0.40 -14.23	22.61 0.43 -14.45	22.29 0.27 -16.85	22.25 0.29 -16.87	22.25 0.28 -16.88	23.02 0.23 -18.20	26.46 0.27 -21.61	27.28 0.33 -21.86	29.38 0.31 -23.98	29.82 0.32 -24.41	28.10 0.33 -22.43	22.47 0.26 -17.36	20.89 0.27 -16.63
NYPA_VERNON_GT2 24162	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.21 0.25 -13.38	18.70 0.25 -14.05	19.58 0.30 -14.18	20.36 0.52 -11.65	22.29 0.50 -13.94	22.31 0.49 -14.11	22.51 0.48 -14.24	22.69 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.07 0.27 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.51 0.30 -17.36	20.89 0.27 -16.63

NYPA_VERNON____GT3 24163	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.21 0.25 -13.38	18.70 0.25 -14.05	19.58 0.30 -14.18	20.36 0.52 -11.65	22.29 0.50 -13.94	22.31 0.49 -14.11	22.51 0.48 -14.24	22.69 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.07 0.27 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.51 0.30 -17.36	20.89 0.27 -16.63
NYPA____ASTORIA_CC1 323568	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.24 -13.38	18.70 0.25 -14.05	19.57 0.29 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.31 0.35 -21.87	29.42 0.34 -23.98	29.85 0.35 -24.42	28.14 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
NYPA____ASTORIA_CC2 323569	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.34 0.24 -12.74	18.21 0.24 -13.38	18.70 0.25 -14.05	19.57 0.29 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.48 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.30 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.31 0.35 -21.87	29.42 0.34 -23.98	29.85 0.35 -24.42	28.14 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
NYPA____HOLTSVILL 23794	25.40 0.48 -19.20	22.63 0.40 -17.44	20.20 0.37 -15.27	19.99 0.36 -15.03	19.99 0.34 -15.28	21.06 0.36 -16.11	21.93 0.36 -17.17	22.34 0.42 -16.82	27.97 0.70 -19.08	29.82 0.71 -21.27	33.00 0.69 -24.61	38.48 0.68 -30.02	34.55 0.68 -26.14	34.85 0.44 -29.24	33.31 0.47 -27.74	32.00 0.47 -26.44	30.87 0.40 -25.89	34.52 0.43 -29.52	36.45 0.49 -30.85	38.87 0.48 -33.29	47.62 0.48 -42.05	35.09 0.50 -29.25	28.22 0.42 -22.95	25.75 0.36 -21.40
NYPA____HELLGATE_GT1 24158	20.76 0.34 -14.69	19.60 0.28 -14.52	18.25 0.25 -13.45	17.43 0.23 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.67 0.23 -14.04	19.53 0.26 -14.17	20.29 0.46 -11.64	22.23 0.45 -13.93	22.24 0.44 -14.11	22.46 0.44 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.28 0.31 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.83 0.33 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
NYPA____HELLGATE_GT2 24159	20.76 0.34 -14.69	19.60 0.28 -14.52	18.25 0.25 -13.45	17.43 0.23 -12.60	17.32 0.22 -12.74	18.17 0.22 -13.37	18.67 0.23 -14.04	19.53 0.26 -14.17	20.29 0.46 -11.64	22.23 0.45 -13.93	22.24 0.44 -14.11	22.46 0.44 -14.23	22.64 0.46 -14.45	22.31 0.30 -16.85	22.27 0.31 -16.87	22.28 0.31 -16.88	23.03 0.25 -18.20	26.47 0.27 -21.61	27.29 0.33 -21.86	29.39 0.32 -23.98	29.83 0.33 -24.41	28.11 0.34 -22.43	22.47 0.27 -17.35	20.86 0.25 -16.63
NYS_BARGE____HYD 23848	8.13 -0.11 -2.52	7.16 -0.12 -2.49	6.75 -0.10 -2.30	6.66 -0.10 -2.16	6.43 -0.12 -2.18	6.80 -0.08 -2.29	6.71 -0.10 -2.41	7.42 -0.11 -2.43	9.99 -0.20 -2.00	10.04 -0.20 -2.39	9.89 -0.23 -2.42	10.02 -0.20 -2.44	9.99 -0.22 -2.48	7.94 -0.11 -2.89	7.84 -0.14 -2.89	7.80 -0.18 -2.89	7.54 -0.16 -3.12	8.14 -0.14 -3.70	8.70 -0.14 -3.74	9.05 -0.16 -4.11	9.07 -0.20 -4.18	9.02 -0.17 -3.84	7.71 -0.11 -2.97	6.74 -0.10 -2.85
OAK ORCHARD____HYD 24046	7.80 0.01 -2.08	6.82 -0.03 -2.05	6.44 -0.01 -1.90	6.37 -0.01 -1.78	6.13 -0.04 -1.80	6.47 -0.01 -1.89	6.37 -0.01 -1.99	7.11 0.01 -2.01	9.81 -0.02 -1.65	9.82 0.00 -1.97	9.68 -0.02 -2.00	9.81 0.01 -2.01	9.78 0.00 -2.05	7.57 0.02 -2.38	7.48 0.00 -2.39	7.45 -0.03 -2.39	7.14 -0.02 -2.58	7.61 -0.03 -3.06	8.18 -0.01 -3.09	8.48 -0.01 -3.39	8.51 -0.03 -3.45	8.51 -0.01 -3.17	7.31 0.00 -2.45	6.33 -0.01 -2.35
OAKDALE____35_KV_LOAD 356122	10.65 0.07 -4.87	9.64 0.04 -4.81	9.05 0.05 -4.45	8.82 0.05 -4.18	8.62 0.04 -4.22	9.07 0.06 -4.43	9.10 0.05 -4.65	9.85 0.06 -4.70	12.15 0.10 -3.86	12.55 0.09 -4.62	12.45 0.08 -4.67	12.60 0.09 -4.72	12.61 0.09 -4.79	10.81 0.06 -5.58	10.74 0.05 -5.59	10.72 0.04 -5.59	10.65 0.04 -6.03	11.77 0.03 -7.16	12.39 0.05 -7.24	13.08 0.04 -7.94	13.21 0.03 -8.09	12.82 0.05 -7.43	10.65 0.05 -5.75	9.54 0.04 -5.51
OCC_CHEM____DRP 24175	8.08 -0.21 -2.57	7.13 -0.20 -2.54	6.72 -0.18 -2.35	6.62 -0.17 -2.20	6.40 -0.19 -2.22	6.77 -0.16 -2.34	6.69 -0.16 -2.45	7.39 -0.17 -2.46	9.91 -0.30 -2.03	9.97 -0.30 -2.42	9.83 -0.32 -2.45	9.96 -0.30 -2.48	9.94 -0.31 -2.51	7.92 -0.17 -2.93	7.83 -0.19 -2.93	7.79 -0.23 -2.93	7.54 -0.20 -3.16	8.14 -0.19 -3.75	8.70 -0.19 -3.79	9.02 -0.23 -4.16	9.03 -0.26 -4.20	8.97 -0.23 -3.86	7.69 -0.17 -3.01	6.74 -0.15 -2.90
OH_GEN_PROXY 24063	8.12 -0.13 -2.53	7.16 -0.13 -2.50	6.75 -0.12 -2.32	6.65 -0.12 -2.17	6.43 -0.13 -2.20	6.79 -0.10 -2.31	6.72 -0.10 -2.42	7.44 -0.10 -2.45	10.01 -0.19 -2.01	10.06 -0.19 -2.40	9.91 -0.22 -2.43	10.04 -0.20 -2.46	10.02 -0.21 -2.49	7.96 -0.11 -2.91	7.88 -0.13 -2.91	7.84 -0.16 -2.91	7.58 -0.14 -3.14	8.17 -0.14 -3.73	8.74 -0.13 -3.77	9.08 -0.15 -4.14	9.12 -0.19 -4.21	8.82 -0.16 -3.63	7.98 -0.11 -3.24	6.75 -0.10 -2.87
OLIN_CORP_DRP 24177	8.13 -0.17 -2.58	7.17 -0.17 -2.55	6.76 -0.15 -2.36	6.66 -0.15 -2.21	6.44 -0.16 -2.24	6.81 -0.13 -2.35	6.72 -0.14 -2.47	7.42 -0.17 -2.49	9.93 -0.30 -2.05	9.99 -0.30 -2.45	9.85 -0.32 -2.48	9.98 -0.30 -2.50	9.96 -0.32 -2.54	7.95 -0.18 -2.96	7.86 -0.20 -2.96	7.82 -0.24 -2.96	7.57 -0.21 -3.20	8.18 -0.20 -3.79	8.74 -0.20 -3.84	9.07 -0.24 -4.21	9.11 -0.26 -4.28	9.04 -0.24 -3.94	7.72 -0.17 -3.05	6.77 -0.14 -2.92
OLIN_CORP_DSASP 323712	8.08 -0.21 -2.57	7.13 -0.20 -2.54	6.72 -0.18 -2.35	6.62 -0.17 -2.20	6.40 -0.19 -2.22	6.77 -0.16 -2.34	6.69 -0.16 -2.45	7.39 -0.17 -2.46	9.91 -0.30 -2.03	9.97 -0.30 -2.42	9.83 -0.32 -2.45	9.96 -0.30 -2.48	9.93 -0.32 -2.51	7.92 -0.17 -2.93	7.83 -0.19 -2.93	7.80 -0.23 -2.93	7.54 -0.20 -3.16	8.14 -0.19 -3.75	8.69 -0.20 -3.79	9.04 -0.22 -4.16	9.04 -0.25 -4.20	8.98 -0.22 -3.86	7.69 -0.17 -3.01	6.73 -0.16 -2.90
ONEIDA_HERK_LFGE 323681	6.14 0.03 -0.39	5.25 0.02 -0.44	5.01 0.01 -0.45	5.12 0.01 -0.51	4.89 0.01 -0.51	5.14 0.02 -0.54	4.98 0.02 -0.56	5.70 0.03 -0.57	8.72 0.06 -0.47	8.43 0.02 -0.56	8.30 0.03 -0.57	8.38 0.02 -0.57	8.35 0.03 -0.58	5.85 0.01 -0.68	5.77 -0.01 -0.68	5.78 0.01 -0.68	5.32 0.01 -0.73	5.46 0.01 -0.87	6.01 0.04 -0.88	6.10 0.04 -0.96	6.11 0.04 -0.98	6.27 0.03 -0.90	5.58 0.03 -0.70	4.68 0.02 -0.67
ONEIDA____115KV_TB4 55905	6.87 0.11 -1.04	5.90 0.09 -1.03	5.58 0.08 -0.95	5.57 0.08 -0.89	5.34 0.07 -0.90	5.62 0.08 -0.95	5.47 0.07 -0.99	6.19 0.09 -1.00	9.17 0.16 -0.82	8.95 0.12 -0.99	8.82 0.12 -1.00	8.92 0.12 -1.01	8.87 0.12 -1.02	6.42 0.07 -1.19	6.35 0.06 -1.19	6.34 0.06 -1.19	5.92 0.05 -1.29	6.16 0.05 -1.53	6.72 0.08 -1.55	6.87 0.08 -1.70	6.89 0.08 -1.73	7.01 0.07 -1.59	6.16 0.08 -1.23	5.23 0.06 -1.18

ONONDAGA_REF_OCCRA 23987	7.63 0.01 -1.90	6.67 0.00 -1.88	6.29 0.00 -1.74	6.23 0.00 -1.63	6.00 0.00 -1.65	6.31 -0.01 -1.73	6.20 -0.01 -1.82	6.91 -0.02 -1.83	9.69 -0.01 -1.51	9.62 -0.02 -1.80	9.50 -0.02 -1.82	9.61 -0.02 -1.84	9.59 -0.02 -1.87	7.33 -0.01 -2.18	7.25 -0.03 -2.18	7.24 -0.04 -2.18	6.91 -0.02 -2.35	7.34 -0.03 -2.79	7.90 -0.03 -2.83	8.16 -0.04 -3.10	8.21 -0.04 -3.16	8.22 -0.03 -2.90	7.07 -0.02 -2.24	6.12 -0.02 -2.15
ONONDAGA___COGEN 23986	7.54 0.02 -1.80	6.57 0.00 -1.78	6.21 0.00 -1.65	6.15 0.01 -1.55	5.92 0.00 -1.56	6.23 0.00 -1.64	6.11 -0.01 -1.72	6.83 -0.01 -1.74	9.62 0.00 -1.43	9.54 -0.02 -1.71	9.41 -0.02 -1.73	9.52 -0.01 -1.75	9.50 -0.01 -1.77	7.23 -0.01 -2.07	7.15 -0.02 -2.07	7.13 -0.03 -2.07	6.80 -0.02 -2.23	7.20 -0.03 -2.65	7.76 -0.02 -2.68	8.01 -0.03 -2.94	8.04 -0.04 -2.99	8.07 -0.03 -2.75	6.96 -0.01 -2.13	6.02 -0.01 -2.04
ONTARIO___LFGE 23819	8.18 0.08 -2.38	7.19 0.05 -2.35	6.78 0.05 -2.17	6.69 0.06 -2.04	6.47 0.05 -2.06	6.82 0.07 -2.16	6.74 0.07 -2.27	7.48 0.09 -2.29	10.22 0.15 -1.88	10.21 0.11 -2.25	10.07 0.09 -2.28	10.21 0.12 -2.30	10.18 0.11 -2.34	7.97 0.08 -2.73	7.88 0.05 -2.73	7.86 0.04 -2.73	7.57 0.05 -2.94	8.11 0.03 -3.50	8.69 0.06 -3.54	9.03 0.05 -3.88	9.08 0.04 -3.95	9.03 0.06 -3.63	7.73 0.08 -2.81	6.74 0.06 -2.69
ORANGEVILLE_WT_PWR 323706	8.65 -0.14 -3.07	7.69 -0.14 -3.04	7.24 -0.13 -2.81	7.12 -0.11 -2.64	6.91 -0.11 -2.67	7.31 -0.08 -2.80	7.26 -0.08 -2.94	7.99 -0.08 -2.97	10.50 -0.12 -2.44	10.64 -0.12 -2.92	10.51 -0.15 -2.95	10.65 -0.12 -2.98	10.62 -0.14 -3.03	8.62 -0.07 -3.53	8.52 -0.11 -3.53	8.48 -0.14 -3.53	8.26 -0.13 -3.81	8.97 -0.13 -4.52	9.54 -0.13 -4.58	9.96 -0.16 -5.02	10.01 -0.19 -5.11	9.87 -0.17 -4.69	8.36 -0.12 -3.63	7.36 -0.11 -3.48
ORANGEVILLE___ESR 323794	8.65 -0.14 -3.07	7.69 -0.14 -3.04	7.24 -0.13 -2.81	7.12 -0.11 -2.64	6.91 -0.11 -2.67	7.31 -0.08 -2.80	7.26 -0.08 -2.94	7.99 -0.08 -2.97	10.50 -0.12 -2.44	10.64 -0.12 -2.92	10.51 -0.15 -2.95	10.65 -0.12 -2.98	10.62 -0.14 -3.03	8.62 -0.07 -3.53	8.52 -0.11 -3.53	8.48 -0.14 -3.53	8.26 -0.13 -3.81	8.97 -0.13 -4.52	9.54 -0.13 -4.58	9.96 -0.16 -5.02	10.01 -0.19 -5.11	9.87 -0.17 -4.69	8.36 -0.12 -3.63	7.36 -0.11 -3.48
OSWEGATCHIE___HYD 24044	4.47 -0.15 1.10	4.02 -0.13 0.64	4.14 -0.13 0.29	4.89 -0.13 -0.42	4.68 -0.11 -0.43	4.93 -0.11 -0.45	4.78 -0.09 -0.47	5.47 -0.10 -0.48	8.42 -0.16 -0.39	8.14 -0.17 -0.47	8.01 -0.16 -0.47	8.08 -0.19 -0.48	8.05 -0.17 -0.49	5.59 -0.14 -0.57	5.49 -0.17 -0.57	5.51 -0.15 -0.57	5.06 -0.14 -0.61	5.17 -0.14 -0.73	5.70 -0.14 -0.74	5.78 -0.13 -0.81	5.80 -0.11 -0.82	5.99 -0.11 -0.75	5.34 -0.09 -0.58	4.47 -0.08 -0.56
OSWEGO___5 23606	7.10 -0.07 -1.45	6.15 -0.08 -1.44	5.82 -0.07 -1.33	5.78 -0.07 -1.25	5.55 -0.07 -1.26	5.83 -0.08 -1.32	5.70 -0.09 -1.39	6.40 -0.10 -1.40	9.19 -0.16 -1.15	9.07 -0.16 -1.38	8.93 -0.16 -1.40	9.04 -0.16 -1.41	9.00 -0.16 -1.43	6.73 -0.10 -1.67	6.65 -0.11 -1.67	6.64 -0.12 -1.67	6.27 -0.11 -1.80	6.60 -0.11 -2.14	7.14 -0.12 -2.16	7.35 -0.12 -2.37	7.38 -0.13 -2.42	7.44 -0.12 -2.22	6.46 -0.11 -1.72	5.54 -0.09 -1.65
OSWEGO___6 23613	7.10 -0.07 -1.45	6.15 -0.08 -1.44	5.82 -0.07 -1.33	5.78 -0.07 -1.25	5.55 -0.07 -1.26	5.83 -0.08 -1.32	5.70 -0.09 -1.39	6.40 -0.10 -1.40	9.19 -0.16 -1.15	9.07 -0.16 -1.38	8.93 -0.16 -1.40	9.04 -0.16 -1.41	9.00 -0.16 -1.43	6.73 -0.10 -1.67	6.65 -0.11 -1.67	6.64 -0.12 -1.67	6.27 -0.11 -1.80	6.60 -0.11 -2.14	7.14 -0.12 -2.16	7.35 -0.12 -2.37	7.38 -0.13 -2.42	7.44 -0.12 -2.22	6.46 -0.11 -1.72	5.54 -0.09 -1.65
OUTOKUMPU-AB___DRP 24206	8.25 -0.09 -2.62	7.27 -0.10 -2.59	6.86 -0.09 -2.39	6.76 -0.08 -2.25	6.53 -0.10 -2.27	6.90 -0.06 -2.38	6.82 -0.07 -2.50	7.55 -0.07 -2.52	10.13 -0.13 -2.07	10.19 -0.13 -2.48	10.04 -0.17 -2.51	10.18 -0.13 -2.53	10.15 -0.15 -2.57	8.09 -0.07 -2.99	8.00 -0.10 -3.00	7.95 -0.14 -3.00	7.70 -0.12 -3.23	8.31 -0.11 -3.84	8.88 -0.10 -3.88	9.21 -0.14 -4.26	9.24 -0.17 -4.32	9.18 -0.13 -3.97	7.85 -0.08 -3.08	6.87 -0.08 -2.96
OXBOW____ 24026	8.18 -0.13 -2.59	7.21 -0.14 -2.56	6.80 -0.13 -2.37	6.70 -0.12 -2.22	6.47 -0.14 -2.25	6.85 -0.10 -2.36	6.76 -0.11 -2.48	7.48 -0.11 -2.49	10.04 -0.20 -2.05	10.10 -0.20 -2.45	9.95 -0.23 -2.48	10.09 -0.20 -2.50	10.06 -0.22 -2.54	8.01 -0.11 -2.96	7.92 -0.14 -2.96	7.88 -0.18 -2.97	7.63 -0.15 -3.20	8.23 -0.14 -3.79	8.80 -0.14 -3.84	9.14 -0.16 -4.21	9.15 -0.20 -4.26	9.09 -0.17 -3.91	7.78 -0.12 -3.05	6.81 -0.11 -2.93
OXY_CHEM_DSASP 323612	8.08 -0.21 -2.57	7.13 -0.20 -2.54	6.72 -0.18 -2.35	6.62 -0.17 -2.20	6.40 -0.19 -2.22	6.77 -0.16 -2.34	6.69 -0.16 -2.45	7.39 -0.17 -2.46	9.91 -0.30 -2.03	9.97 -0.30 -2.42	9.83 -0.32 -2.45	9.96 -0.30 -2.48	9.93 -0.32 -2.51	7.92 -0.17 -2.93	7.83 -0.19 -2.93	7.80 -0.23 -2.93	7.54 -0.20 -3.16	8.14 -0.19 -3.75	8.69 -0.20 -3.79	9.04 -0.22 -4.16	9.04 -0.25 -4.20	8.98 -0.22 -3.86	7.69 -0.17 -3.01	6.73 -0.16 -2.90
OZONE_PARK_ESR 323760	20.82 0.41 -14.69	19.65 0.34 -14.52	18.30 0.30 -13.45	17.49 0.29 -12.61	17.37 0.27 -12.74	18.25 0.28 -13.38	18.73 0.29 -14.05	19.62 0.34 -14.18	20.42 0.58 -11.65	22.35 0.57 -13.94	22.37 0.55 -14.11	22.57 0.55 -14.24	22.75 0.56 -14.46	22.39 0.37 -16.85	22.35 0.37 -16.88	22.35 0.37 -16.89	23.11 0.32 -18.21	26.54 0.34 -21.62	27.37 0.40 -21.87	29.47 0.39 -23.98	29.90 0.39 -24.42	28.19 0.41 -22.44	22.55 0.34 -17.36	20.92 0.30 -16.63
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	8.08 -0.21 -2.57	7.13 -0.20 -2.54	6.72 -0.18 -2.35	6.62 -0.17 -2.20	6.40 -0.19 -2.22	6.77 -0.16 -2.34	6.69 -0.16 -2.45	7.39 -0.17 -2.46	9.91 -0.30 -2.03	9.97 -0.30 -2.42	9.83 -0.32 -2.45	9.96 -0.30 -2.48	9.94 -0.31 -2.51	7.92 -0.17 -2.93	7.83 -0.19 -2.93	7.79 -0.23 -2.93	7.54 -0.20 -3.16	8.14 -0.19 -3.75	8.70 -0.19 -3.79	9.02 -0.23 -4.16	9.03 -0.26 -4.20	8.97 -0.23 -3.86	7.69 -0.17 -3.01	6.74 -0.15 -2.90
PACKARD__115KV_DUPONT_184 80571	8.08 -0.21 -2.57	7.13 -0.20 -2.54	6.72 -0.18 -2.35	6.62 -0.17 -2.20	6.40 -0.19 -2.22	6.77 -0.16 -2.34	6.69 -0.16 -2.45	7.39 -0.17 -2.46	9.91 -0.30 -2.03	9.97 -0.30 -2.42	9.83 -0.32 -2.45	9.96 -0.30 -2.48	9.94 -0.31 -2.51	7.92 -0.17 -2.93	7.83 -0.19 -2.93	7.79 -0.23 -2.93	7.54 -0.20 -3.16	8.14 -0.19 -3.75	8.70 -0.19 -3.79	9.02 -0.23 -4.16	9.03 -0.26 -4.20	8.97 -0.23 -3.86	7.69 -0.17 -3.01	6.74 -0.15 -2.90
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.77 0.35 -14.69	19.61 0.29 -14.52	18.26 0.26 -13.45	17.45 0.24 -12.61	17.33 0.23 -12.74	18.19 0.22 -13.38	18.68 0.24 -14.05	19.55 0.28 -14.18	20.31 0.47 -11.65	22.25 0.47 -13.94	22.27 0.45 -14.11	22.48 0.45 -14.24	22.64 0.45 -14.46	22.32 0.30 -16.85	22.28 0.31 -16.88	22.28 0.30 -16.89	23.04 0.25 -18.21	26.47 0.27 -21.62	27.29 0.33 -21.87	29.40 0.32 -23.98	29.83 0.32 -24.42	28.12 0.34 -22.44	22.49 0.28 -17.36	20.87 0.25 -16.63

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.80 0.38 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.22 0.26 -13.38	18.70 0.26 -14.05	19.57 0.30 -14.18	20.35 0.52 -11.65	22.26 0.48 -13.94	22.27 0.46 -14.11	22.48 0.45 -14.24	22.65 0.46 -14.46	22.32 0.30 -16.85	22.29 0.31 -16.88	22.28 0.30 -16.89	23.05 0.26 -18.21	26.48 0.28 -21.62	27.30 0.34 -21.87	29.41 0.33 -23.98	29.84 0.33 -24.42	28.12 0.34 -22.44	22.51 0.30 -17.36	20.89 0.28 -16.63
PATROON__115KV_TB1 80586	24.54 0.28 -18.54	23.35 0.23 -18.33	21.74 0.22 -16.97	20.73 0.22 -15.91	20.64 0.20 -16.08	21.69 0.22 -16.88	22.33 0.21 -17.73	23.23 0.24 -17.90	23.31 0.42 -14.70	25.84 0.40 -17.59	25.90 0.38 -17.81	26.17 0.40 -17.98	26.39 0.40 -18.25	26.70 0.26 -21.27	26.66 0.26 -21.30	26.66 0.25 -21.32	27.80 0.24 -22.98	32.10 0.23 -27.29	32.94 0.25 -27.59	35.61 0.25 -30.26	36.15 0.25 -30.81	33.92 0.26 -28.31	27.00 0.25 -21.90	25.16 0.18 -20.99
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	8.40 -0.14 -2.82	7.44 -0.14 -2.79	7.01 -0.13 -2.58	6.90 -0.12 -2.42	6.67 -0.14 -2.45	7.06 -0.10 -2.57	7.00 -0.10 -2.70	7.72 -0.10 -2.72	10.26 -0.16 -2.24	10.36 -0.16 -2.68	10.22 -0.19 -2.71	10.36 -0.16 -2.74	10.33 -0.19 -2.78	8.30 -0.10 -3.24	8.21 -0.13 -3.24	8.16 -0.17 -3.24	7.93 -0.15 -3.50	8.60 -0.13 -4.15	9.16 -0.13 -4.20	9.53 -0.17 -4.61	9.58 -0.20 -4.69	9.48 -0.17 -4.31	8.06 -0.12 -3.33	7.07 -0.11 -3.20
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.90 0.35 -14.83	19.74 0.30 -14.66	18.39 0.26 -13.57	17.59 0.26 -12.73	17.46 0.24 -12.86	18.35 0.26 -13.50	18.82 0.25 -14.18	19.70 0.30 -14.31	20.45 0.50 -11.76	22.44 0.53 -14.06	22.45 0.52 -14.23	22.66 0.51 -14.37	22.83 0.51 -14.59	22.50 0.34 -17.00	22.46 0.34 -17.02	22.46 0.34 -17.04	23.24 0.29 -18.37	26.69 0.30 -21.81	27.50 0.35 -22.06	29.64 0.35 -24.19	30.08 0.36 -24.63	28.37 0.40 -22.63	22.67 0.32 -17.51	21.03 0.26 -16.78
PEEKSKILL____ 23653	20.58 0.33 -14.54	19.44 0.27 -14.37	18.10 0.24 -13.31	17.32 0.24 -12.48	17.19 0.22 -12.61	18.07 0.24 -13.24	18.54 0.24 -13.90	19.41 0.28 -14.03	20.19 0.47 -11.53	22.11 0.47 -13.79	22.12 0.45 -13.97	22.33 0.45 -14.09	22.51 0.46 -14.31	22.15 0.30 -16.68	22.10 0.31 -16.70	22.11 0.31 -16.71	22.86 0.26 -18.02	26.25 0.27 -21.40	27.06 0.33 -21.64	29.15 0.32 -23.73	29.57 0.32 -24.16	27.89 0.34 -22.20	22.31 0.29 -17.18	20.69 0.24 -16.46
PGE MADISON__WINDPWR 24146	10.63 0.28 -4.63	9.59 0.22 -4.58	8.99 0.19 -4.24	8.78 0.21 -3.98	8.59 0.21 -4.02	9.05 0.25 -4.22	9.06 0.24 -4.43	9.87 0.31 -4.47	12.34 0.47 -3.67	12.65 0.41 -4.39	12.59 0.44 -4.45	12.72 0.44 -4.49	12.71 0.42 -4.56	10.77 0.28 -5.32	10.67 0.25 -5.32	10.70 0.28 -5.33	10.56 0.24 -5.74	11.64 0.25 -6.82	12.32 0.33 -6.89	12.99 0.33 -7.56	13.11 0.32 -7.70	12.75 0.33 -7.07	10.63 0.31 -5.47	9.48 0.25 -5.24
PIERCEFIELD__HYD 23852	3.10 -0.22 2.40	2.91 -0.19 1.69	3.27 -0.17 1.11	4.43 -0.17 0.00	4.22 -0.14 0.00	4.45 -0.14 0.00	4.27 -0.12 0.00	4.96 -0.13 0.00	7.96 -0.23 0.00	7.61 -0.24 0.00	7.49 -0.21 0.00	7.55 -0.23 0.00	7.50 -0.23 0.00	4.98 -0.19 0.00	4.87 -0.22 0.00	4.88 -0.21 0.00	4.38 -0.20 0.00	4.37 -0.21 0.00	4.87 -0.23 0.00	4.88 -0.22 0.00	4.90 -0.19 0.00	5.16 -0.18 0.00	4.71 -0.14 0.00	3.87 -0.11 0.00
PINELAWN_CC_1 323563	25.41 0.49 -19.20	22.64 0.41 -17.44	20.20 0.37 -15.27	19.99 0.36 -15.03	19.99 0.34 -15.28	21.06 0.36 -16.11	21.94 0.37 -17.17	22.35 0.43 -16.82	27.97 0.70 -19.08	29.82 0.71 -21.27	33.00 0.69 -24.61	38.48 0.68 -30.02	34.54 0.67 -26.14	34.86 0.45 -29.24	33.30 0.46 -27.74	31.99 0.46 -26.44	30.87 0.40 -25.89	34.52 0.42 -29.52	36.44 0.49 -30.85	38.87 0.48 -33.29	47.62 0.48 -42.05	35.09 0.50 -29.25	28.22 0.42 -22.95	25.74 0.36 -21.40
PJM_GEN_HTP_PROXY 323702	20.78 0.37 -14.69	19.62 0.30 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.53 0.50 -14.24	22.70 0.50 -14.46	22.36 0.34 -16.85	22.31 0.34 -16.88	22.32 0.34 -16.89	23.07 0.28 -18.21	26.50 0.30 -21.62	27.32 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	27.91 0.37 -22.20	22.76 0.31 -17.60	20.89 0.27 -16.63
PJM_GEN_KEystone 24065	15.01 0.13 -9.16	13.94 0.10 -9.05	13.02 0.08 -8.38	12.54 0.08 -7.86	12.38 0.07 -7.94	13.02 0.09 -8.34	13.25 0.10 -8.76	14.05 0.12 -8.84	15.65 0.20 -7.26	16.72 0.19 -8.69	16.67 0.17 -8.80	16.84 0.18 -8.88	16.92 0.17 -9.02	15.80 0.12 -10.51	15.73 0.11 -10.52	15.72 0.10 -10.53	16.02 0.09 -11.35	18.15 0.10 -13.48	18.85 0.12 -13.63	20.16 0.11 -14.95	20.41 0.10 -15.22	19.21 0.12 -13.75	16.03 0.11 -11.06	14.45 0.09 -10.37
PJM_GEN_NEPTUNE_PROXY 323594	23.31 0.43 -17.16	21.27 0.36 -16.12	19.33 0.33 -14.45	18.85 0.32 -13.93	18.80 0.31 -14.13	19.78 0.32 -14.87	21.90 0.33 -17.17	21.11 0.39 -15.63	24.53 0.63 -15.71	26.41 0.62 -17.95	28.15 0.60 -19.85	31.24 0.59 -22.86	29.17 0.60 -20.84	29.18 0.39 -23.62	28.31 0.40 -22.81	27.60 0.40 -22.11	27.33 0.35 -22.40	30.88 0.36 -25.94	32.30 0.42 -26.78	34.58 0.41 -29.07	39.56 0.42 -34.05	31.70 0.43 -25.92	25.88 0.37 -20.66	23.54 0.32 -19.24
PJM_GEN_VFT_PROXY 323633	20.77 0.36 -14.69	19.61 0.29 -14.52	18.26 0.25 -13.45	17.45 0.24 -12.61	17.33 0.23 -12.74	18.20 0.24 -13.38	18.69 0.25 -14.05	19.57 0.30 -14.18	20.34 0.50 -11.65	22.27 0.49 -13.94	22.28 0.47 -14.11	22.49 0.46 -14.24	22.67 0.47 -14.46	22.33 0.32 -16.85	22.29 0.32 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.49 0.29 -21.62	27.32 0.36 -21.87	29.42 0.34 -23.98	29.85 0.34 -24.42	27.89 0.35 -22.20	22.76 0.31 -17.60	20.89 0.27 -16.63
PLATSBRG_115KV_PMLD1 355749	2.37 -0.38 2.97	2.38 -0.31 2.10	2.92 -0.25 1.38	4.37 -0.23 0.00	4.19 -0.17 0.00	4.44 -0.15 0.00	4.30 -0.10 0.00	5.02 -0.08 0.00	8.09 -0.10 0.00	7.81 -0.03 0.00	7.71 0.01 0.00	7.76 -0.02 0.00	7.69 -0.05 0.00	5.11 -0.06 0.00	5.05 -0.05 0.00	5.02 -0.07 0.00	4.50 -0.08 0.00	4.52 -0.05 0.00	5.03 -0.07 0.00	5.04 -0.06 0.00	5.04 -0.06 0.00	5.24 -0.10 0.00	4.73 -0.12 0.00	3.86 -0.12 0.00
PLEASANTVLY__LBMP 24000	21.40 0.29 -15.39	20.25 0.24 -15.22	18.87 0.22 -14.09	18.03 0.22 -13.21	17.92 0.20 -13.35	18.83 0.22 -14.02	19.33 0.22 -14.72	20.21 0.25 -14.86	20.83 0.43 -12.21	22.86 0.42 -14.60	22.89 0.41 -14.79	23.12 0.41 -14.92	23.29 0.41 -15.15	23.10 0.27 -17.66	23.06 0.28 -17.68	23.06 0.27 -17.70	23.89 0.23 -19.08	27.47 0.24 -22.65	28.29 0.28 -22.91	30.50 0.28 -25.13	30.95 0.28 -25.58	29.15 0.29 -23.51	23.29 0.25 -18.19	21.62 0.21 -17.43
PLSNTVLE_13_KV_13.8KVDIST 80602	20.85 0.34 -14.79	19.70 0.28 -14.63	18.35 0.25 -13.54	17.55 0.25 -12.70	17.42 0.23 -12.83	18.30 0.24 -13.47	18.79 0.25 -14.14	19.66 0.29 -14.28	20.41 0.49 -11.73	22.37 0.49 -14.03	22.39 0.48 -14.21	22.60 0.47 -14.34	22.78 0.48 -14.56	22.46 0.32 -16.97	22.41 0.32 -17.00	22.41 0.32 -17.01	23.19 0.27 -18.34	26.63 0.28 -21.77	27.45 0.34 -22.02	29.58 0.33 -24.15	30.01 0.33 -24.59	28.29 0.35 -22.59	22.63 0.30 -17.48	20.99 0.25 -16.75

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.85 0.34 -14.79	19.70 0.28 -14.63	18.35 0.25 -13.54	17.55 0.25 -12.70	17.42 0.23 -12.83	18.30 0.24 -13.47	18.79 0.25 -14.14	19.66 0.29 -14.28	20.41 0.49 -11.73	22.37 0.49 -14.03	22.39 0.48 -14.21	22.60 0.47 -14.34	22.78 0.48 -14.56	22.46 0.32 -16.97	22.41 0.32 -17.00	22.41 0.32 -17.01	23.19 0.27 -18.34	26.63 0.28 -21.77	27.45 0.34 -22.02	29.58 0.33 -24.15	30.01 0.33 -24.59	28.29 0.35 -22.59	22.63 0.30 -17.48	20.99 0.25 -16.75
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.02 0.31 -14.99	19.87 0.26 -14.82	18.51 0.24 -13.72	17.70 0.23 -12.87	17.58 0.22 -13.00	18.48 0.24 -13.65	18.96 0.23 -14.33	19.83 0.27 -14.47	20.54 0.47 -11.89	22.51 0.46 -14.20	22.53 0.45 -14.38	22.75 0.45 -14.51	22.92 0.45 -14.73	22.64 0.30 -17.17	22.59 0.30 -17.19	22.59 0.30 -17.21	23.39 0.26 -18.55	26.86 0.26 -22.03	27.67 0.30 -22.28	29.83 0.30 -24.43	30.29 0.32 -24.87	28.55 0.34 -22.86	22.82 0.28 -17.68	21.17 0.24 -16.95
POLETTI____ 23519	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.25 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.35 0.52 -11.65	22.29 0.51 -13.94	22.30 0.49 -14.11	22.50 0.47 -14.24	22.68 0.49 -14.46	22.35 0.33 -16.85	22.31 0.33 -16.88	22.30 0.32 -16.89	23.07 0.27 -18.21	26.49 0.29 -21.62	27.31 0.35 -21.87	29.42 0.34 -23.98	29.85 0.34 -24.42	28.14 0.36 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63
PORT_JEFF_3 23555	25.42 0.50 -19.20	22.65 0.41 -17.44	20.21 0.38 -15.27	20.00 0.38 -15.03	20.00 0.36 -15.28	21.07 0.38 -16.11	21.94 0.38 -17.17	22.36 0.44 -16.82	27.99 0.73 -19.08	29.85 0.74 -21.27	33.04 0.73 -24.61	38.52 0.72 -30.02	34.58 0.71 -26.14	34.87 0.47 -29.24	33.33 0.49 -27.74	32.02 0.49 -26.44	30.89 0.42 -25.89	34.54 0.45 -29.52	36.47 0.52 -30.85	38.89 0.51 -33.29	47.65 0.51 -42.05	35.12 0.52 -29.25	28.23 0.43 -22.95	25.76 0.37 -21.40
PORT_JEFF_4 23616	25.42 0.50 -19.20	22.65 0.41 -17.44	20.21 0.38 -15.27	20.00 0.38 -15.03	20.00 0.36 -15.28	21.07 0.38 -16.11	21.94 0.38 -17.17	22.36 0.44 -16.82	27.99 0.73 -19.08	29.85 0.74 -21.27	33.04 0.73 -24.61	38.52 0.72 -30.02	34.58 0.71 -26.14	34.87 0.47 -29.24	33.33 0.49 -27.74	32.02 0.49 -26.44	30.89 0.42 -25.89	34.54 0.45 -29.52	36.47 0.52 -30.85	38.89 0.51 -33.29	47.65 0.51 -42.05	35.12 0.52 -29.25	28.23 0.43 -22.95	25.76 0.37 -21.40
PORT_JEFF_IC 23713	25.43 0.50 -19.20	22.66 0.42 -17.44	20.22 0.39 -15.27	20.01 0.39 -15.03	20.00 0.36 -15.28	21.08 0.39 -16.11	21.95 0.38 -17.17	22.36 0.44 -16.82	28.01 0.75 -19.08	29.88 0.76 -21.27	33.05 0.75 -24.61	38.54 0.74 -30.02	34.61 0.74 -26.14	34.89 0.48 -29.24	33.34 0.50 -27.74	32.04 0.50 -26.44	30.91 0.44 -25.89	34.56 0.46 -29.52	36.49 0.54 -30.85	38.91 0.53 -33.29	47.67 0.52 -42.05	35.14 0.55 -29.25	28.25 0.45 -22.95	25.77 0.38 -21.40
PPL PILGRIM_ST_GT1 24216	25.42 0.50 -19.20	22.65 0.42 -17.44	20.21 0.38 -15.27	20.00 0.38 -15.03	20.00 0.35 -15.28	21.07 0.38 -16.11	21.94 0.38 -17.17	22.36 0.44 -16.82	27.99 0.73 -19.08	29.83 0.71 -21.27	33.01 0.70 -24.61	38.49 0.69 -30.02	34.56 0.69 -26.14	34.86 0.45 -29.24	33.31 0.47 -27.74	32.00 0.47 -26.44	30.88 0.41 -25.89	34.53 0.43 -29.52	36.45 0.50 -30.85	38.87 0.49 -33.29	47.63 0.49 -42.05	35.10 0.51 -29.25	28.23 0.42 -22.95	25.75 0.36 -21.40
PPL PILGRIM_ST_GT2 24217	25.42 0.50 -19.20	22.65 0.42 -17.44	20.21 0.38 -15.27	20.00 0.38 -15.03	20.00 0.35 -15.28	21.07 0.38 -16.11	21.94 0.38 -17.17	22.36 0.44 -16.82	27.99 0.73 -19.08	29.83 0.71 -21.27	33.01 0.70 -24.61	38.49 0.69 -30.02	34.56 0.69 -26.14	34.86 0.45 -29.24	33.31 0.47 -27.74	32.00 0.47 -26.44	30.88 0.41 -25.89	34.53 0.43 -29.52	36.45 0.50 -30.85	38.87 0.49 -33.29	47.63 0.49 -42.05	35.10 0.51 -29.25	28.23 0.42 -22.95	25.75 0.36 -21.40
PPL_SHRM_GT3 24213	25.45 0.53 -19.20	22.67 0.44 -17.44	20.24 0.41 -15.27	20.03 0.40 -15.03	20.02 0.38 -15.28	21.10 0.40 -16.11	21.96 0.40 -17.17	22.38 0.46 -16.82	28.04 0.78 -19.08	29.92 0.80 -21.27	33.11 0.80 -24.61	38.61 0.80 -30.02	34.66 0.79 -26.14	34.91 0.51 -29.24	33.38 0.55 -27.74	32.07 0.53 -26.44	30.92 0.45 -25.89	34.59 0.49 -29.52	36.53 0.58 -30.85	38.95 0.57 -33.29	47.71 0.57 -42.05	35.16 0.57 -29.25	28.27 0.47 -22.95	25.79 0.40 -21.40
PPL_SHRM_GT4 24214	25.45 0.53 -19.20	22.67 0.44 -17.44	20.24 0.41 -15.27	20.03 0.40 -15.03	20.02 0.38 -15.28	21.10 0.40 -16.11	21.96 0.40 -17.17	22.38 0.46 -16.82	28.04 0.78 -19.08	29.92 0.80 -21.27	33.11 0.80 -24.61	38.61 0.80 -30.02	34.66 0.79 -26.14	34.91 0.51 -29.24	33.38 0.55 -27.74	32.07 0.53 -26.44	30.92 0.45 -25.89	34.59 0.49 -29.52	36.53 0.58 -30.85	38.95 0.57 -33.29	47.71 0.57 -42.05	35.16 0.57 -29.25	28.27 0.47 -22.95	25.79 0.40 -21.40
PROJECT____ORANGE 1 24174	7.33 0.00 -1.61	6.37 -0.01 -1.59	6.02 -0.01 -1.47	5.98 0.00 -1.38	5.75 -0.01 -1.40	6.04 -0.02 -1.47	5.92 -0.02 -1.54	6.63 -0.03 -1.55	9.43 -0.03 -1.28	9.33 -0.04 -1.53	9.20 -0.05 -1.55	9.31 -0.04 -1.56	9.28 -0.04 -1.59	6.99 -0.02 -1.85	6.91 -0.04 -1.85	6.90 -0.05 -1.85	6.54 -0.04 -2.00	6.90 -0.05 -2.37	7.45 -0.04 -2.40	7.68 -0.05 -2.63	7.71 -0.06 -2.68	7.76 -0.04 -2.46	6.72 -0.03 -1.90	5.79 -0.02 -1.82
PROJECT____ORANGE 2 24166	7.33 0.00 -1.61	6.37 -0.01 -1.59	6.02 -0.01 -1.47	5.98 0.00 -1.38	5.75 -0.01 -1.40	6.04 -0.02 -1.47	5.92 -0.02 -1.54	6.63 -0.03 -1.55	9.43 -0.03 -1.28	9.33 -0.04 -1.53	9.20 -0.05 -1.55	9.31 -0.04 -1.56	9.28 -0.04 -1.59	6.99 -0.02 -1.85	6.91 -0.04 -1.85	6.90 -0.05 -1.85	6.54 -0.04 -2.00	6.90 -0.05 -2.37	7.45 -0.04 -2.40	7.68 -0.05 -2.63	7.71 -0.06 -2.68	7.76 -0.04 -2.46	6.72 -0.03 -1.90	5.79 -0.02 -1.82
PUCKETT____SOLAR 323809	10.85 0.14 -4.98	9.83 0.11 -4.93	9.22 0.10 -4.56	8.98 0.11 -4.28	8.78 0.10 -4.32	9.24 0.12 -4.54	9.27 0.11 -4.76	10.04 0.13 -4.81	12.35 0.21 -3.95	12.75 0.18 -4.73	12.66 0.17 -4.79	12.80 0.18 -4.83	12.81 0.17 -4.91	11.00 0.12 -5.72	10.92 0.10 -5.73	10.92 0.10 -5.73	10.86 0.10 -6.18	12.00 0.09 -7.33	12.64 0.13 -7.42	13.35 0.12 -8.14	13.49 0.11 -8.28	13.08 0.13 -7.61	10.86 0.13 -5.89	9.73 0.10 -5.64
PYRITES____HYD 24023	3.09 -0.16 2.47	2.91 -0.13 1.74	3.28 -0.13 1.15	4.47 -0.13 0.00	4.26 -0.10 0.00	4.49 -0.10 0.00	4.32 -0.08 0.00	5.02 -0.08 0.00	8.03 -0.16 0.00	7.66 -0.18 0.00	7.55 -0.15 0.00	7.60 -0.19 0.00	7.56 -0.18 0.00	5.03 -0.14 0.00	4.93 -0.17 0.00	4.94 -0.15 0.00	4.43 -0.15 0.00	4.43 -0.15 0.00	4.94 -0.15 0.00	4.95 -0.15 0.00	4.97 -0.12 0.00	5.22 -0.12 0.00	4.77 -0.08 0.00	3.91 -0.07 0.00
QUAKERRD_115KV_BK1 80622	7.62 -0.12 -2.02	6.66 -0.12 -1.99	6.29 -0.11 -1.85	6.22 -0.11 -1.73	5.99 -0.12 -1.75	6.31 -0.11 -1.84	6.22 -0.11 -1.93	6.94 -0.11 -1.95	9.60 -0.19 -1.60	9.58 -0.18 -1.91	9.44 -0.19 -1.94	9.56 -0.18 -1.95	9.53 -0.19 -1.98	7.37 -0.11 -2.31	7.29 -0.12 -2.32	7.26 -0.15 -2.32	6.95 -0.13 -2.50	7.42 -0.13 -2.97	7.97 -0.13 -3.00	8.25 -0.14 -3.29	8.29 -0.15 -3.35	8.29 -0.13 -3.08	7.13 -0.11 -2.38	6.17 -0.10 -2.28

QUENSBRY_115KV_TB8 356137	25.01 0.31 -18.98	23.79 0.24 -18.76	22.16 0.23 -17.37	21.11 0.23 -16.29	21.03 0.21 -16.46	22.09 0.22 -17.28	22.78 0.21 -18.17	23.70 0.26 -18.34	23.76 0.50 -15.07	26.41 0.53 -18.03	26.44 0.49 -18.26	26.74 0.53 -18.43	26.96 0.52 -18.71	27.31 0.34 -21.81	27.27 0.34 -21.84	27.26 0.32 -21.85	28.45 0.31 -23.56	32.87 0.33 -27.97	33.68 0.34 -28.25	36.43 0.35 -30.98	36.97 0.34 -31.54	34.68 0.35 -28.99	27.57 0.30 -22.42	25.68 0.20 -21.49
RAMAPO____LBMP 323565	20.13 0.31 -14.10	18.99 0.26 -13.94	17.70 0.24 -12.91	16.93 0.23 -12.10	16.80 0.22 -12.23	17.66 0.23 -12.84	18.11 0.23 -13.48	18.97 0.27 -13.61	19.83 0.46 -11.18	21.67 0.45 -13.37	21.68 0.44 -13.54	21.89 0.44 -13.67	22.05 0.44 -13.88	21.63 0.29 -16.17	21.59 0.30 -16.20	21.59 0.30 -16.21	22.31 0.25 -17.47	25.59 0.26 -20.75	26.39 0.31 -20.98	28.41 0.30 -23.01	28.83 0.31 -23.43	27.20 0.33 -21.53	21.78 0.28 -16.66	20.18 0.24 -15.96
RANKINE____ 23646	8.41 -0.09 -2.77	7.44 -0.10 -2.74	7.01 -0.09 -2.54	6.90 -0.07 -2.38	6.68 -0.09 -2.40	7.06 -0.05 -2.53	7.00 -0.05 -2.65	7.73 -0.05 -2.68	10.31 -0.08 -2.20	10.39 -0.09 -2.63	10.25 -0.12 -2.66	10.39 -0.09 -2.69	10.36 -0.10 -2.73	8.30 -0.04 -3.18	8.21 -0.07 -3.18	8.16 -0.12 -3.19	7.92 -0.10 -3.44	8.57 -0.09 -4.08	9.15 -0.08 -4.12	9.50 -0.12 -4.52	9.55 -0.15 -4.60	9.46 -0.11 -4.23	8.06 -0.07 -3.27	7.06 -0.07 -3.14
RAVENSWOOD_GT2_1 24244	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.25 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.29 0.51 -13.94	22.31 0.49 -14.11	22.52 0.49 -14.24	22.69 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.07 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT2_2 24245	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.25 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.29 0.51 -13.94	22.31 0.49 -14.11	22.52 0.49 -14.24	22.69 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.07 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.51 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT2_3 24246	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT2_4 24247	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT3_1 24248	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.25 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.29 0.51 -13.94	22.31 0.49 -14.11	22.52 0.49 -14.24	22.69 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.07 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT3_2 24249	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.25 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.29 0.51 -13.94	22.31 0.49 -14.11	22.52 0.49 -14.24	22.69 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.07 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT3_3 24250	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.22 0.26 -13.38	18.71 0.27 -14.05	19.59 0.31 -14.18	20.37 0.53 -11.65	22.30 0.52 -13.94	22.32 0.51 -14.11	22.53 0.50 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.34 -16.88	22.32 0.34 -16.89	23.08 0.29 -18.21	26.51 0.31 -21.62	27.33 0.37 -21.87	29.44 0.36 -23.98	29.86 0.36 -24.42	28.16 0.37 -22.44	22.52 0.32 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT3_4 24251	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.22 0.26 -13.38	18.71 0.27 -14.05	19.59 0.31 -14.18	20.37 0.53 -11.65	22.30 0.52 -13.94	22.32 0.51 -14.11	22.53 0.50 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.34 -16.88	22.32 0.34 -16.89	23.08 0.29 -18.21	26.51 0.31 -21.62	27.33 0.37 -21.87	29.44 0.36 -23.98	29.86 0.36 -24.42	28.16 0.37 -22.44	22.52 0.32 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT_1 23729	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.21 0.25 -13.38	18.70 0.25 -14.05	19.58 0.30 -14.18	20.36 0.52 -11.65	22.29 0.50 -13.94	22.31 0.49 -14.11	22.51 0.48 -14.24	22.69 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.07 0.27 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.51 0.30 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT_10 24258	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.29 0.51 -13.94	22.31 0.49 -14.11	22.52 0.49 -14.24	22.69 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.07 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT_11 24259	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.29 0.51 -13.94	22.31 0.49 -14.11	22.52 0.49 -14.24	22.69 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.07 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT_4 24252	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63

RAVENSWOOD_GT_5 24254	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT_6 24253	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT_7 24255	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.30 0.52 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.29 0.51 -13.94	22.31 0.49 -14.11	22.52 0.49 -14.24	22.69 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.07 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD_GT_9 24257	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.26 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.29 0.51 -13.94	22.31 0.49 -14.11	22.52 0.49 -14.24	22.69 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.07 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD___1 23533	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.21 0.25 -13.38	18.70 0.25 -14.05	19.57 0.30 -14.18	20.35 0.51 -11.65	22.29 0.50 -13.94	22.30 0.49 -14.11	22.51 0.48 -14.24	22.69 0.49 -14.46	22.35 0.33 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.07 0.27 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.36 -22.44	22.51 0.30 -17.36	20.89 0.27 -16.63
RAVENSWOOD___2 23534	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.21 0.24 -13.38	18.70 0.25 -14.05	19.57 0.30 -14.18	20.35 0.51 -11.65	22.29 0.50 -13.94	22.30 0.49 -14.11	22.51 0.48 -14.24	22.68 0.49 -14.46	22.35 0.33 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.07 0.27 -18.21	26.50 0.30 -21.62	27.32 0.36 -21.87	29.43 0.35 -23.98	29.85 0.35 -24.42	28.15 0.36 -22.44	22.51 0.30 -17.36	20.89 0.27 -16.63
RAVENSWOOD___3 23535	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.24 -12.74	18.22 0.25 -13.38	18.71 0.26 -14.05	19.58 0.31 -14.18	20.36 0.52 -11.65	22.29 0.51 -13.94	22.31 0.50 -14.11	22.52 0.49 -14.24	22.70 0.50 -14.46	22.35 0.33 -16.85	22.31 0.34 -16.88	22.31 0.33 -16.89	23.08 0.28 -18.21	26.50 0.30 -21.62	27.33 0.36 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.52 0.31 -17.36	20.89 0.27 -16.63
RAVENSWOOD___4 23820	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.35 0.24 -12.74	18.21 0.24 -13.38	18.70 0.25 -14.05	19.57 0.30 -14.18	20.35 0.51 -11.65	22.29 0.50 -13.94	22.30 0.49 -14.11	22.51 0.48 -14.24	22.68 0.49 -14.46	22.35 0.33 -16.85	22.31 0.33 -16.88	22.31 0.33 -16.89	23.07 0.27 -18.21	26.50 0.30 -21.62	27.32 0.36 -21.87	29.42 0.34 -23.98	29.85 0.35 -24.42	28.15 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
RCPL_TRUST___DRP 24196	20.78 0.37 -14.69	19.62 0.31 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.23 0.26 -13.38	18.71 0.27 -14.05	19.59 0.32 -14.18	20.37 0.53 -11.65	22.31 0.53 -13.94	22.32 0.51 -14.11	22.53 0.51 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.34 -16.88	22.32 0.34 -16.89	23.08 0.29 -18.21	26.50 0.31 -21.62	27.34 0.37 -21.87	29.44 0.36 -23.98	29.86 0.36 -24.42	28.16 0.37 -22.44	22.52 0.32 -17.36	20.89 0.28 -16.63
RED___ROCHESTER 323720	7.83 0.03 -2.07	6.83 0.00 -2.05	6.46 0.01 -1.90	6.38 0.01 -1.78	6.14 -0.01 -1.80	6.48 0.01 -1.89	6.39 0.01 -1.98	7.13 0.04 -2.00	9.85 0.02 -1.64	9.86 0.05 -1.96	9.72 0.03 -1.99	9.85 0.05 -2.01	9.82 0.05 -2.04	7.59 0.05 -2.38	7.51 0.03 -2.38	7.47 0.00 -2.38	7.15 0.00 -2.57	7.62 0.00 -3.05	8.20 0.02 -3.08	8.50 0.02 -3.38	8.53 0.00 -3.44	8.53 0.03 -3.16	7.33 0.03 -2.45	6.34 0.01 -2.34
REGAN___SOLAR 323812	27.80 0.55 -21.53	26.50 0.43 -21.28	24.67 0.41 -19.71	23.48 0.40 -18.48	23.40 0.38 -18.67	24.60 0.41 -19.60	25.35 0.37 -20.58	26.32 0.44 -20.78	26.07 0.81 -17.07	28.98 0.71 -20.42	29.05 0.67 -20.68	29.38 0.69 -20.90	29.60 0.64 -21.22	30.34 0.44 -24.74	30.31 0.44 -24.77	30.32 0.44 -24.79	31.71 0.41 -26.72	36.69 0.44 -31.68	37.62 0.48 -32.04	40.74 0.50 -35.14	41.36 0.49 -35.78	38.74 0.52 -32.88	30.80 0.52 -25.43	28.74 0.39 -24.37
RENSSELAER___COGEN 23796	24.14 0.24 -18.18	22.96 0.20 -17.97	21.39 0.19 -16.64	20.40 0.19 -15.61	20.31 0.18 -15.77	21.34 0.19 -16.56	21.96 0.18 -17.38	22.85 0.21 -17.55	22.97 0.36 -14.42	25.43 0.34 -17.25	25.50 0.33 -17.47	25.75 0.34 -17.62	25.96 0.34 -17.89	26.24 0.23 -20.85	26.19 0.22 -20.88	26.20 0.22 -20.89	27.31 0.20 -22.52	31.53 0.20 -26.76	32.37 0.22 -27.06	34.99 0.22 -29.68	35.52 0.21 -30.21	33.33 0.22 -27.77	26.54 0.21 -21.48	24.73 0.16 -20.58
REPUBLIC_115KV_BARTNBRK 55605	25.24 0.56 -18.96	23.96 0.43 -18.75	22.33 0.41 -17.36	21.28 0.40 -16.28	21.18 0.38 -16.45	22.26 0.40 -17.27	22.93 0.37 -18.16	23.88 0.45 -18.33	24.12 0.88 -15.06	26.77 0.91 -18.02	26.77 0.82 -18.24	27.09 0.90 -18.41	27.31 0.88 -18.69	27.52 0.56 -21.79	27.47 0.56 -21.82	27.45 0.52 -21.83	28.63 0.51 -23.54	33.06 0.54 -27.95	33.88 0.56 -28.22	36.64 0.59 -30.96	37.17 0.57 -31.51	34.88 0.57 -28.96	27.77 0.51 -22.41	25.82 0.36 -21.47
REVERE_CPPR_DRP 24186	6.64 0.13 -0.80	5.70 0.10 -0.82	5.41 0.08 -0.78	5.46 0.09 -0.77	5.22 0.08 -0.78	5.50 0.09 -0.82	5.34 0.09 -0.86	6.07 0.11 -0.87	9.08 0.18 -0.71	8.82 0.13 -0.85	8.70 0.14 -0.86	8.80 0.14 -0.87	8.76 0.14 -0.88	6.27 0.08 -1.03	6.19 0.06 -1.03	6.19 0.07 -1.03	5.76 0.06 -1.11	5.96 0.06 -1.32	6.53 0.09 -1.34	6.66 0.10 -1.47	6.68 0.10 -1.49	6.81 0.09 -1.37	6.01 0.10 -1.06	5.08 0.08 -1.02

REYNOLDS_115KV_TB3 80639	24.14 0.23 -18.18	22.96 0.20 -17.97	21.38 0.19 -16.64	20.40 0.19 -15.61	20.31 0.18 -15.77	21.33 0.19 -16.56	21.96 0.18 -17.38	22.85 0.21 -17.54	22.96 0.36 -14.41	25.42 0.33 -17.25	25.49 0.33 -17.46	25.75 0.34 -17.62	25.96 0.33 -17.89	26.24 0.22 -20.86	26.20 0.21 -20.88	26.20 0.21 -20.90	27.31 0.20 -22.53	31.52 0.19 -26.75	32.37 0.21 -27.06	34.99 0.21 -29.68	35.51 0.20 -30.22	33.33 0.21 -27.77	26.54 0.21 -21.48	24.72 0.15 -20.58
RIVERBAY____ 323610	20.80 0.38 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.22 0.26 -13.38	18.70 0.26 -14.05	19.57 0.30 -14.18	20.35 0.52 -11.65	22.26 0.48 -13.94	22.27 0.46 -14.11	22.48 0.45 -14.24	22.65 0.46 -14.46	22.32 0.30 -16.85	22.29 0.31 -16.88	22.28 0.30 -16.89	23.05 0.26 -18.21	26.48 0.28 -21.62	27.30 0.34 -21.87	29.41 0.33 -23.98	29.84 0.33 -24.42	28.12 0.34 -22.44	22.51 0.30 -17.36	20.89 0.28 -16.63
RIVERSDE_115KV_TB3 55908	24.16 0.25 -18.19	22.98 0.21 -17.98	21.40 0.20 -16.65	20.41 0.20 -15.62	20.32 0.18 -15.77	21.34 0.19 -16.57	21.97 0.18 -17.39	22.86 0.21 -17.55	22.98 0.37 -14.42	25.44 0.35 -17.25	25.51 0.34 -17.47	25.77 0.35 -17.63	25.98 0.35 -17.90	26.26 0.23 -20.86	26.21 0.22 -20.89	26.22 0.22 -20.91	27.32 0.20 -22.54	31.54 0.20 -26.76	32.39 0.22 -27.07	35.01 0.22 -29.69	35.54 0.21 -30.23	33.35 0.22 -27.78	26.56 0.21 -21.49	24.74 0.16 -20.59
ROARING____BROOK_WT_PWR 323790	-0.29 -0.33 5.68	0.50 -0.28 4.01	1.65 -0.26 2.64	4.33 -0.27 0.00	4.11 -0.25 0.00	4.33 -0.26 0.00	4.16 -0.24 0.00	4.83 -0.27 0.00	7.77 -0.42 0.00	7.46 -0.38 0.00	7.35 -0.35 0.00	7.45 -0.33 0.00	7.42 -0.31 0.00	4.97 -0.20 0.00	4.92 -0.17 0.00	4.93 -0.16 0.00	4.44 -0.14 0.00	4.46 -0.12 0.00	4.96 -0.13 0.00	4.97 -0.13 0.00	4.95 -0.14 0.00	5.15 -0.19 0.00	4.64 -0.21 0.00	3.80 -0.18 0.00
ROCHESRG_115KV_T4 355643	7.76 -0.02 -2.06	6.78 -0.04 -2.04	6.41 -0.03 -1.89	6.34 -0.03 -1.77	6.10 -0.05 -1.79	6.44 -0.03 -1.88	6.34 -0.03 -1.97	7.08 -0.01 -1.99	9.77 -0.05 -1.63	9.77 -0.03 -1.95	9.62 -0.05 -1.98	9.75 -0.03 -2.00	9.72 -0.04 -2.03	7.52 -0.01 -2.36	7.44 -0.02 -2.37	7.40 -0.06 -2.37	7.09 -0.04 -2.55	7.56 -0.05 -3.03	8.13 -0.03 -3.07	8.41 -0.05 -3.36	8.46 -0.06 -3.42	8.46 -0.03 -3.15	7.27 -0.01 -2.43	6.29 -0.02 -2.33
ROCHESTER_9_IC 23652	7.80 0.01 -2.07	6.81 -0.02 -2.05	6.44 -0.01 -1.90	6.36 -0.01 -1.78	6.13 -0.03 -1.80	6.47 0.00 -1.89	6.37 -0.01 -1.98	7.11 0.02 -2.00	9.82 -0.01 -1.64	9.82 0.01 -1.96	9.68 -0.01 -1.99	9.81 0.02 -2.01	9.78 0.01 -2.04	7.57 0.03 -2.38	7.48 0.01 -2.38	7.44 -0.03 -2.38	7.13 -0.02 -2.57	7.61 -0.02 -3.05	8.17 -0.01 -3.08	8.46 -0.02 -3.38	8.50 -0.03 -3.44	8.51 0.00 -3.16	7.31 0.01 -2.45	6.33 0.00 -2.34
ROCKVIEW_13_KV_LD 356306	20.77 0.36 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.23 0.26 -13.38	18.71 0.27 -14.05	19.59 0.31 -14.18	20.36 0.52 -11.65	22.31 0.53 -13.94	22.32 0.51 -14.11	22.54 0.51 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.34 -16.88	22.32 0.34 -16.89	23.08 0.29 -18.21	26.50 0.31 -21.62	27.33 0.36 -21.87	29.44 0.36 -23.98	29.86 0.36 -24.42	28.16 0.37 -22.44	22.52 0.32 -17.36	20.89 0.27 -16.63
ROME____115KV_TB2 80656	6.64 0.13 -0.80	5.70 0.10 -0.82	5.41 0.08 -0.78	5.46 0.09 -0.77	5.22 0.08 -0.78	5.50 0.09 -0.82	5.34 0.09 -0.86	6.07 0.11 -0.87	9.08 0.18 -0.71	8.82 0.13 -0.85	8.70 0.14 -0.86	8.80 0.14 -0.87	8.76 0.14 -0.88	6.27 0.08 -1.03	6.19 0.06 -1.03	6.19 0.07 -1.03	5.76 0.06 -1.11	5.96 0.06 -1.32	6.53 0.09 -1.34	6.66 0.10 -1.47	6.68 0.10 -1.49	6.81 0.09 -1.37	6.01 0.10 -1.06	5.08 0.08 -1.02
ROSETON____1 23587	20.55 0.30 -14.53	19.41 0.25 -14.37	18.08 0.22 -13.31	17.30 0.22 -12.48	17.18 0.21 -12.61	18.04 0.22 -13.24	18.51 0.22 -13.90	19.39 0.26 -14.03	20.15 0.43 -11.53	22.06 0.42 -13.79	22.08 0.42 -13.96	22.29 0.41 -14.09	22.46 0.42 -14.31	22.12 0.28 -16.68	22.08 0.28 -16.70	22.08 0.27 -16.71	22.84 0.24 -18.02	26.22 0.25 -21.39	27.02 0.29 -21.63	29.11 0.28 -23.73	29.53 0.28 -24.16	27.85 0.30 -22.20	22.28 0.26 -17.17	20.66 0.22 -16.46
ROSETON____2 23588	20.55 0.30 -14.53	19.41 0.25 -14.37	18.08 0.22 -13.31	17.30 0.22 -12.48	17.18 0.21 -12.61	18.04 0.22 -13.24	18.51 0.22 -13.90	19.39 0.26 -14.03	20.15 0.43 -11.53	22.06 0.42 -13.79	22.08 0.42 -13.96	22.29 0.41 -14.09	22.46 0.42 -14.31	22.12 0.28 -16.68	22.08 0.28 -16.70	22.08 0.27 -16.71	22.84 0.24 -18.02	26.22 0.25 -21.39	27.02 0.29 -21.63	29.11 0.28 -23.73	29.53 0.28 -24.16	27.85 0.30 -22.20	22.28 0.26 -17.17	20.66 0.22 -16.46
ROTTDAM_115KV_TB3 80664	25.19 0.22 -19.24	24.00 0.18 -19.03	22.34 0.17 -17.62	21.29 0.17 -16.52	21.21 0.16 -16.69	22.29 0.17 -17.53	23.00 0.17 -18.44	23.90 0.19 -18.61	23.82 0.34 -15.29	26.46 0.32 -18.29	26.53 0.31 -18.52	26.81 0.33 -18.69	27.04 0.32 -18.98	27.50 0.21 -22.12	27.46 0.21 -22.15	27.47 0.21 -22.17	28.68 0.19 -23.90	33.15 0.20 -28.38	33.95 0.21 -28.64	36.73 0.21 -31.42	37.28 0.21 -31.98	34.95 0.21 -29.39	27.79 0.20 -22.74	25.92 0.15 -21.79
RUSSELL____1 23602	7.83 0.03 -2.07	6.83 0.00 -2.05	6.46 0.01 -1.90	6.38 0.01 -1.78	6.14 -0.01 -1.80	6.48 0.01 -1.89	6.39 0.01 -1.98	7.13 0.04 -2.00	9.85 0.02 -1.64	9.86 0.05 -1.96	9.72 0.03 -1.99	9.85 0.05 -2.01	9.82 0.05 -2.04	7.59 0.05 -2.38	7.51 0.03 -2.38	7.47 -0.01 -2.38	7.15 0.00 -2.57	7.62 0.00 -3.05	8.20 0.02 -3.08	8.49 0.01 -3.38	8.53 0.00 -3.44	8.53 0.03 -3.16	7.33 0.03 -2.45	6.34 0.01 -2.34
RUSSELL____2 23532	7.83 0.03 -2.07	6.83 0.00 -2.05	6.46 0.01 -1.90	6.38 0.01 -1.78	6.14 -0.01 -1.80	6.48 0.01 -1.89	6.39 0.01 -1.98	7.13 0.04 -2.00	9.85 0.02 -1.64	9.86 0.05 -1.96	9.72 0.03 -1.99	9.85 0.05 -2.01	9.82 0.05 -2.04	7.59 0.05 -2.38	7.51 0.03 -2.38	7.47 -0.01 -2.38	7.15 0.00 -2.57	7.62 0.00 -3.05	8.20 0.02 -3.08	8.49 0.01 -3.38	8.53 0.00 -3.44	8.53 0.03 -3.16	7.33 0.03 -2.45	6.34 0.01 -2.34
RUSSELL____3 23549	7.83 0.03 -2.07	6.83 0.00 -2.05	6.46 0.01 -1.90	6.38 0.01 -1.78	6.14 -0.01 -1.80	6.48 0.01 -1.89	6.39 0.01 -1.98	7.13 0.04 -2.00	9.85 0.02 -1.64	9.86 0.05 -1.96	9.72 0.03 -1.99	9.85 0.05 -2.01	9.82 0.05 -2.04	7.59 0.05 -2.38	7.51 0.03 -2.38	7.47 -0.01 -2.38	7.15 0.00 -2.57	7.62 0.00 -3.05	8.20 0.02 -3.08	8.49 0.01 -3.38	8.53 0.00 -3.44	8.53 0.03 -3.16	7.33 0.03 -2.45	6.34 0.01 -2.34
RUSSELL____4 23556	7.83 0.03 -2.07	6.83 0.00 -2.05	6.46 0.01 -1.90	6.38 0.01 -1.78	6.14 -0.01 -1.80	6.48 0.01 -1.89	6.39 0.01 -1.98	7.13 0.04 -2.00	9.85 0.02 -1.64	9.86 0.05 -1.96	9.72 0.03 -1.99	9.85 0.05 -2.01	9.82 0.05 -2.04	7.59 0.05 -2.38	7.51 0.03 -2.38	7.47 -0.01 -2.38	7.15 0.00 -2.57	7.62 0.00 -3.05	8.20 0.02 -3.08	8.49 0.01 -3.38	8.53 0.00 -3.44	8.53 0.03 -3.16	7.33 0.03 -2.45	6.34 0.01 -2.34

RUSSELL___STATION 23914	7.83 0.03 -2.07	6.83 0.00 -2.05	6.46 0.01 -1.90	6.38 0.01 -1.78	6.14 -0.01 -1.80	6.48 0.01 -1.89	6.39 0.01 -1.98	7.13 0.04 -2.00	9.85 0.02 -1.64	9.86 0.05 -1.96	9.72 0.03 -1.99	9.85 0.05 -2.01	9.82 0.05 -2.04	7.59 0.05 -2.38	7.51 0.03 -2.38	7.47 -0.01 -2.38	7.15 0.00 -2.57	7.62 0.00 -3.05	8.20 0.02 -3.08	8.49 0.01 -3.38	8.53 0.00 -3.44	8.53 0.03 -3.16	7.33 0.03 -2.45	6.34 0.01 -2.34
S SALMON___HYD 24043	6.81 -0.02 -1.11	5.92 -0.03 -1.16	5.64 -0.03 -1.12	5.71 -0.03 -1.15	5.48 -0.04 -1.16	5.77 -0.04 -1.22	5.63 -0.04 -1.28	6.35 -0.04 -1.29	9.18 -0.07 -1.06	9.03 -0.08 -1.27	8.90 -0.08 -1.28	8.99 -0.09 -1.30	8.96 -0.08 -1.31	6.64 -0.06 -1.53	6.55 -0.08 -1.53	6.55 -0.08 -1.54	6.17 -0.07 -1.66	6.47 -0.08 -1.97	7.01 -0.07 -1.99	7.21 -0.07 -2.18	7.24 -0.07 -2.22	7.32 -0.06 -2.04	6.38 -0.05 -1.58	5.46 -0.04 -1.51
S.PERRY__115KV_TB1 80734	8.60 0.26 -2.61	7.55 0.18 -2.58	7.13 0.18 -2.39	7.03 0.19 -2.24	6.79 0.17 -2.27	7.18 0.21 -2.38	7.11 0.22 -2.50	7.89 0.27 -2.52	10.64 0.38 -2.07	10.70 0.38 -2.48	10.53 0.32 -2.51	10.68 0.36 -2.53	10.64 0.33 -2.57	8.39 0.23 -3.00	8.29 0.19 -3.00	8.24 0.15 -3.01	7.98 0.16 -3.24	8.59 0.16 -3.85	9.22 0.23 -3.89	9.59 0.23 -4.27	9.67 0.23 -4.34	9.61 0.27 -3.99	8.19 0.25 -3.09	7.15 0.20 -2.96
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	8.28 -0.10 -2.66	7.32 -0.11 -2.63	6.89 -0.10 -2.44	6.79 -0.09 -2.28	6.56 -0.10 -2.31	6.94 -0.07 -2.42	6.87 -0.07 -2.54	7.60 -0.07 -2.57	10.17 -0.13 -2.11	10.24 -0.13 -2.52	10.09 -0.16 -2.56	10.23 -0.13 -2.58	10.21 -0.15 -2.62	8.15 -0.07 -3.05	8.06 -0.09 -3.06	8.01 -0.14 -3.06	7.77 -0.11 -3.30	8.39 -0.11 -3.92	8.96 -0.10 -3.96	9.30 -0.14 -4.34	9.35 -0.16 -4.42	9.28 -0.13 -4.06	7.92 -0.08 -3.14	6.92 -0.08 -3.01
SAWYER__23_KV_LOAD 55526	8.28 -0.10 -2.66	7.32 -0.11 -2.63	6.89 -0.10 -2.44	6.79 -0.09 -2.28	6.56 -0.10 -2.31	6.94 -0.07 -2.42	6.87 -0.07 -2.54	7.60 -0.07 -2.57	10.17 -0.13 -2.11	10.24 -0.13 -2.52	10.09 -0.16 -2.56	10.23 -0.13 -2.58	10.21 -0.15 -2.62	8.15 -0.07 -3.05	8.06 -0.09 -3.06	8.01 -0.14 -3.06	7.77 -0.11 -3.30	8.39 -0.11 -3.92	8.96 -0.10 -3.96	9.30 -0.14 -4.34	9.35 -0.16 -4.42	9.28 -0.13 -4.06	7.92 -0.08 -3.14	6.92 -0.08 -3.01
SELKIRK___I 23801	23.86 0.24 -17.90	22.68 0.20 -17.70	21.14 0.20 -16.39	20.16 0.20 -15.37	20.07 0.18 -15.52	21.08 0.19 -16.30	21.69 0.18 -17.12	22.58 0.20 -17.28	22.74 0.35 -14.20	25.17 0.34 -16.98	25.22 0.32 -17.20	25.47 0.34 -17.34	25.67 0.33 -17.60	25.91 0.22 -20.52	25.86 0.21 -20.55	25.87 0.21 -20.56	26.95 0.20 -22.17	31.12 0.20 -26.35	31.96 0.22 -26.64	34.54 0.22 -29.22	35.06 0.21 -29.75	32.91 0.23 -27.34	26.21 0.21 -21.15	24.41 0.16 -20.27
SELKIRK___II 23799	24.07 0.22 -18.13	22.89 0.18 -17.92	21.32 0.17 -16.59	20.34 0.18 -15.56	20.25 0.17 -15.72	21.27 0.17 -16.51	21.89 0.16 -17.33	22.78 0.19 -17.50	22.89 0.33 -14.38	25.35 0.31 -17.20	25.41 0.30 -17.42	25.65 0.31 -17.56	25.87 0.31 -17.83	26.15 0.21 -20.78	26.10 0.20 -20.81	26.11 0.20 -20.82	27.21 0.18 -22.45	31.44 0.18 -26.68	32.28 0.20 -26.98	34.89 0.20 -29.59	35.42 0.20 -30.13	33.24 0.21 -27.69	26.46 0.19 -21.42	24.66 0.15 -20.52
SENECA OSWGO___HYD 24041	7.20 -0.03 -1.50	6.24 -0.03 -1.49	5.90 -0.03 -1.38	5.86 -0.03 -1.29	5.63 -0.04 -1.30	5.91 -0.05 -1.37	5.78 -0.05 -1.44	6.49 -0.06 -1.45	9.30 -0.08 -1.19	9.18 -0.09 -1.43	9.04 -0.10 -1.45	9.15 -0.09 -1.46	9.12 -0.09 -1.48	6.83 -0.06 -1.73	6.75 -0.08 -1.73	6.74 -0.08 -1.73	6.37 -0.07 -1.87	6.71 -0.08 -2.21	7.26 -0.08 -2.24	7.47 -0.08 -2.46	7.50 -0.09 -2.50	7.56 -0.08 -2.30	6.56 -0.07 -1.78	5.64 -0.05 -1.70
SENECA___115KV_TB3 355854	8.42 -0.07 -2.77	7.45 -0.09 -2.74	7.01 -0.08 -2.54	6.91 -0.07 -2.38	6.68 -0.08 -2.40	7.07 -0.04 -2.53	7.00 -0.05 -2.65	7.74 -0.04 -2.68	10.32 -0.07 -2.20	10.40 -0.07 -2.63	10.26 -0.10 -2.66	10.40 -0.07 -2.69	10.37 -0.09 -2.73	8.31 -0.04 -3.18	8.22 -0.07 -3.18	8.17 -0.11 -3.19	7.93 -0.09 -3.44	8.58 -0.08 -4.08	9.15 -0.07 -4.12	9.51 -0.11 -4.52	9.55 -0.14 -4.60	9.47 -0.11 -4.23	8.07 -0.06 -3.27	7.06 -0.06 -3.14
SENECA___ENERGY 23797	7.89 0.00 -2.17	6.92 -0.02 -2.15	6.53 -0.01 -1.99	6.45 -0.01 -1.87	6.23 -0.01 -1.88	6.56 0.00 -1.98	6.48 0.00 -2.08	7.20 0.01 -2.10	9.92 0.01 -1.72	9.91 0.01 -2.06	9.78 -0.01 -2.09	9.89 0.00 -2.11	9.87 -0.01 -2.14	7.66 0.00 -2.49	7.57 -0.02 -2.50	7.56 -0.03 -2.50	7.26 -0.02 -2.69	7.75 -0.03 -3.20	8.32 -0.01 -3.23	8.63 -0.02 -3.55	8.67 -0.03 -3.61	8.65 -0.01 -3.32	7.41 0.00 -2.57	6.44 0.00 -2.46
SHOEMAKER___GT 23640	19.35 0.26 -13.37	18.23 0.22 -13.22	16.99 0.20 -12.24	16.27 0.19 -11.48	16.14 0.18 -11.60	16.96 0.20 -12.18	17.38 0.19 -12.78	18.23 0.22 -12.91	19.17 0.38 -10.60	20.92 0.38 -12.69	20.92 0.38 -12.85	21.12 0.37 -12.96	21.27 0.37 -13.16	20.75 0.25 -15.34	20.70 0.24 -15.36	20.71 0.25 -15.37	21.37 0.22 -16.57	24.47 0.22 -19.68	25.25 0.25 -19.90	27.18 0.25 -21.83	27.58 0.26 -22.22	26.05 0.28 -20.42	20.88 0.23 -15.80	19.32 0.20 -15.14
SHOEMAKR_138KV_BK 111 55601	19.26 0.26 -13.28	18.14 0.22 -13.13	16.91 0.20 -12.16	16.19 0.19 -11.40	16.06 0.18 -11.52	16.88 0.20 -12.10	17.29 0.19 -12.70	18.14 0.22 -12.82	19.11 0.38 -10.53	20.83 0.38 -12.60	20.84 0.38 -12.76	21.04 0.37 -12.88	21.18 0.37 -13.07	20.65 0.25 -15.24	20.60 0.24 -15.26	20.60 0.24 -15.27	21.26 0.22 -16.46	24.34 0.22 -19.55	25.12 0.25 -19.77	27.03 0.25 -21.68	27.43 0.26 -22.07	25.91 0.28 -20.29	20.78 0.23 -15.69	19.22 0.20 -15.04
SHOREHAM_IC_1 23715	25.45 0.53 -19.20	22.67 0.44 -17.44	20.24 0.41 -15.27	20.03 0.40 -15.03	20.02 0.38 -15.28	21.10 0.40 -16.11	21.96 0.40 -17.17	22.38 0.46 -16.82	28.04 0.78 -19.08	29.92 0.80 -21.27	33.11 0.80 -24.61	38.61 0.80 -30.02	34.66 0.79 -26.14	34.91 0.51 -29.24	33.38 0.55 -27.74	32.07 0.53 -26.44	30.92 0.45 -25.89	34.59 0.49 -29.52	36.53 0.58 -30.85	38.95 0.57 -33.29	47.71 0.57 -42.05	35.16 0.57 -29.25	28.27 0.47 -22.95	25.79 0.40 -21.40
SHOREHAM_IC_2 23716	25.45 0.53 -19.20	22.67 0.44 -17.44	20.24 0.41 -15.27	20.03 0.40 -15.03	20.02 0.38 -15.28	21.10 0.40 -16.11	21.96 0.40 -17.17	22.38 0.46 -16.82	28.04 0.78 -19.08	29.92 0.80 -21.27	33.11 0.80 -24.61	38.61 0.80 -30.02	34.66 0.79 -26.14	34.91 0.51 -29.24	33.38 0.55 -27.74	32.07 0.53 -26.44	30.92 0.45 -25.89	34.59 0.49 -29.52	36.53 0.58 -30.85	38.95 0.57 -33.29	47.71 0.57 -42.05	35.16 0.57 -29.25	28.27 0.47 -22.95	25.79 0.40 -21.40
SISSONVILLE___ 23735	3.10 -0.22 2.40	2.91 -0.19 1.69	3.27 -0.17 1.11	4.43 -0.17 0.00	4.22 -0.14 0.00	4.45 -0.14 0.00	4.27 -0.12 0.00	4.96 -0.13 0.00	7.96 -0.23 0.00	7.61 -0.24 0.00	7.49 -0.21 0.00	7.55 -0.23 0.00	7.50 -0.23 0.00	4.98 -0.19 0.00	4.87 -0.22 0.00	4.88 -0.21 0.00	4.38 -0.20 0.00	4.37 -0.21 0.00	4.87 -0.23 0.00	4.88 -0.22 0.00	4.90 -0.19 0.00	5.16 -0.18 0.00	4.71 -0.14 0.00	3.87 -0.11 0.00

SITHE_IND_GS1 24169	6.92 -0.10 -1.29	5.97 -0.10 -1.28	5.65 -0.09 -1.18	5.62 -0.09 -1.11	5.39 -0.09 -1.12	5.66 -0.10 -1.18	5.53 -0.11 -1.24	6.22 -0.12 -1.25	9.03 -0.19 -1.02	8.87 -0.20 -1.23	8.74 -0.20 -1.24	8.84 -0.19 -1.25	8.80 -0.20 -1.27	6.52 -0.13 -1.48	6.44 -0.14 -1.48	6.43 -0.15 -1.49	6.05 -0.13 -1.60	6.34 -0.14 -1.90	6.88 -0.14 -1.92	7.06 -0.15 -2.11	7.09 -0.15 -2.15	7.17 -0.15 -1.97	6.25 -0.13 -1.53	5.34 -0.11 -1.46
SITHE_IND_GS2 24170	6.92 -0.10 -1.29	5.97 -0.10 -1.28	5.65 -0.09 -1.18	5.62 -0.09 -1.11	5.39 -0.09 -1.12	5.66 -0.10 -1.18	5.53 -0.11 -1.24	6.22 -0.12 -1.25	9.03 -0.19 -1.02	8.87 -0.20 -1.23	8.74 -0.20 -1.24	8.84 -0.19 -1.25	8.80 -0.20 -1.27	6.52 -0.13 -1.48	6.44 -0.14 -1.48	6.43 -0.15 -1.49	6.05 -0.13 -1.60	6.34 -0.14 -1.90	6.88 -0.14 -1.92	7.06 -0.15 -2.11	7.09 -0.15 -2.15	7.17 -0.15 -1.97	6.25 -0.13 -1.53	5.34 -0.11 -1.46
SITHE_IND_GS3 24171	6.92 -0.10 -1.29	5.97 -0.10 -1.28	5.65 -0.09 -1.18	5.62 -0.09 -1.11	5.39 -0.09 -1.12	5.66 -0.10 -1.18	5.53 -0.11 -1.24	6.22 -0.12 -1.25	9.03 -0.19 -1.02	8.87 -0.20 -1.23	8.74 -0.20 -1.24	8.84 -0.19 -1.25	8.80 -0.20 -1.27	6.52 -0.13 -1.48	6.44 -0.14 -1.48	6.43 -0.15 -1.49	6.05 -0.13 -1.60	6.34 -0.14 -1.90	6.88 -0.14 -1.92	7.06 -0.15 -2.11	7.09 -0.15 -2.15	7.17 -0.15 -1.97	6.25 -0.13 -1.53	5.34 -0.11 -1.46
SITHE_IND_GS4 24172	6.92 -0.10 -1.29	5.97 -0.10 -1.28	5.65 -0.09 -1.18	5.62 -0.09 -1.11	5.39 -0.09 -1.12	5.66 -0.10 -1.18	5.53 -0.11 -1.24	6.22 -0.12 -1.25	9.03 -0.19 -1.02	8.87 -0.20 -1.23	8.74 -0.20 -1.24	8.84 -0.19 -1.25	8.80 -0.20 -1.27	6.52 -0.13 -1.48	6.44 -0.14 -1.48	6.43 -0.15 -1.49	6.05 -0.13 -1.60	6.34 -0.14 -1.90	6.88 -0.14 -1.92	7.06 -0.15 -2.11	7.09 -0.15 -2.15	7.17 -0.15 -1.97	6.25 -0.13 -1.53	5.34 -0.11 -1.46
SITHE___BATAVIA 24024	7.96 0.16 -2.08	6.93 0.09 -2.05	6.56 0.10 -1.90	6.48 0.10 -1.78	6.23 0.07 -1.80	6.59 0.11 -1.89	6.49 0.11 -1.99	7.26 0.16 -2.01	10.03 0.20 -1.65	10.03 0.21 -1.97	9.88 0.18 -2.00	10.02 0.22 -2.01	9.98 0.20 -2.05	7.70 0.15 -2.38	7.61 0.13 -2.39	7.57 0.09 -2.39	7.25 0.09 -2.58	7.72 0.08 -3.06	8.31 0.12 -3.09	8.63 0.14 -3.39	8.67 0.12 -3.45	8.67 0.16 -3.17	7.46 0.15 -2.45	6.44 0.10 -2.35
SITHE___INDEPEND 23800	6.92 -0.10 -1.29	5.97 -0.10 -1.28	5.65 -0.09 -1.18	5.62 -0.09 -1.11	5.39 -0.09 -1.12	5.66 -0.10 -1.18	5.53 -0.11 -1.24	6.22 -0.12 -1.25	9.02 -0.19 -1.02	8.87 -0.20 -1.23	8.74 -0.20 -1.24	8.84 -0.19 -1.25	8.80 -0.20 -1.27	6.52 -0.13 -1.48	6.44 -0.14 -1.48	6.42 -0.15 -1.49	6.05 -0.13 -1.60	6.34 -0.14 -1.90	6.88 -0.14 -1.92	7.06 -0.15 -2.11	7.09 -0.15 -2.15	7.17 -0.15 -1.97	6.25 -0.13 -1.53	5.34 -0.11 -1.46
SITHE___MASSENA 23902	2.65 -0.16 2.91	2.61 -0.13 2.05	3.08 -0.12 1.35	4.47 -0.12 0.00	4.26 -0.10 0.00	4.48 -0.11 0.00	4.30 -0.09 0.00	5.00 -0.10 0.00	8.01 -0.18 0.00	7.66 -0.18 0.00	7.53 -0.17 0.00	7.60 -0.19 0.00	7.56 -0.18 0.00	5.04 -0.13 0.00	4.98 -0.12 0.00	4.97 -0.12 0.00	4.47 -0.11 0.00	4.48 -0.10 0.00	4.97 -0.12 0.00	4.98 -0.12 0.00	4.98 -0.11 0.00	5.22 -0.12 0.00	4.75 -0.10 0.00	3.91 -0.08 0.00
SITHE___OGDNSBRG 24021	2.97 -0.15 2.60	2.83 -0.12 1.83	3.23 -0.12 1.21	4.48 -0.12 0.00	4.27 -0.10 0.00	4.50 -0.09 0.00	4.32 -0.07 0.00	5.02 -0.08 0.00	8.03 -0.16 0.00	7.67 -0.17 0.00	7.55 -0.15 0.00	7.61 -0.18 0.00	7.56 -0.17 0.00	5.04 -0.13 0.00	4.96 -0.14 0.00	4.96 -0.13 0.00	4.46 -0.12 0.00	4.46 -0.12 0.00	4.97 -0.13 0.00	4.98 -0.11 0.00	4.99 -0.10 0.00	5.24 -0.11 0.00	4.77 -0.08 0.00	3.92 -0.07 0.00
SITHE___STERLING 23777	6.87 0.11 -1.04	5.90 0.09 -1.03	5.58 0.08 -0.95	5.57 0.08 -0.89	5.34 0.07 -0.90	5.62 0.08 -0.95	5.47 0.07 -0.99	6.19 0.09 -1.00	9.17 0.16 -0.82	8.95 0.12 -0.99	8.82 0.12 -1.00	8.92 0.12 -1.01	8.87 0.12 -1.02	6.42 0.07 -1.19	6.35 0.06 -1.19	6.34 0.06 -1.19	5.92 0.05 -1.29	6.16 0.05 -1.53	6.72 0.08 -1.55	6.87 0.08 -1.70	6.89 0.08 -1.73	7.01 0.07 -1.59	6.16 0.08 -1.23	5.23 0.06 -1.18
SLEIGHT__34_KV_TB1 80719	7.90 0.11 -2.06	6.90 0.07 -2.04	6.51 0.07 -1.89	6.44 0.08 -1.77	6.22 0.07 -1.79	6.55 0.09 -1.88	6.46 0.09 -1.97	7.20 0.11 -1.99	10.01 0.19 -1.63	9.97 0.17 -1.96	9.83 0.15 -1.98	9.95 0.16 -2.00	9.93 0.16 -2.03	7.65 0.12 -2.37	7.56 0.10 -2.37	7.54 0.08 -2.37	7.22 0.09 -2.56	7.68 0.07 -3.03	8.26 0.09 -3.07	8.54 0.08 -3.37	8.58 0.07 -3.43	8.59 0.10 -3.15	7.38 0.10 -2.44	6.40 0.08 -2.33
SOUTH CAIRO___GT 23612	23.20 0.34 -17.13	22.00 0.27 -16.94	20.48 0.25 -15.68	19.56 0.25 -14.71	19.46 0.24 -14.86	20.46 0.27 -15.60	21.01 0.23 -16.38	21.91 0.28 -16.54	22.28 0.50 -13.59	24.61 0.51 -16.26	24.63 0.47 -16.46	24.88 0.49 -16.61	25.06 0.46 -16.86	25.11 0.30 -19.65	25.07 0.30 -19.68	25.08 0.30 -19.69	26.10 0.29 -21.23	30.07 0.27 -25.22	30.90 0.31 -25.50	33.39 0.32 -27.97	33.93 0.37 -28.48	31.91 0.40 -26.17	25.41 0.32 -20.24	23.62 0.24 -19.40
SOUTH HAMPTN___IC 23720	25.51 0.59 -19.20	22.73 0.49 -17.44	20.29 0.46 -15.27	20.08 0.46 -15.03	20.07 0.43 -15.28	21.15 0.45 -16.11	22.01 0.45 -17.17	22.45 0.53 -16.82	28.15 0.88 -19.08	30.04 0.93 -21.27	33.25 0.94 -24.61	38.75 0.95 -30.02	34.81 0.94 -26.14	35.01 0.60 -29.24	33.47 0.63 -27.74	32.15 0.62 -26.44	31.01 0.54 -25.89	34.67 0.58 -29.52	36.61 0.66 -30.85	39.04 0.65 -33.29	47.80 0.66 -42.05	35.26 0.67 -29.25	28.34 0.54 -22.95	25.84 0.45 -21.40
SOUTHDOW__115KV_TB1 355954	8.64 -0.05 -2.96	7.66 -0.06 -2.93	7.22 -0.05 -2.71	7.13 -0.01 -2.54	6.93 0.00 -2.57	7.34 0.05 -2.70	7.28 0.05 -2.83	8.04 0.09 -2.86	10.70 0.16 -2.35	10.81 0.16 -2.81	10.65 0.11 -2.85	10.80 0.14 -2.87	10.74 0.09 -2.92	8.62 0.06 -3.40	8.50 0.01 -3.40	8.44 -0.06 -3.40	8.21 -0.05 -3.67	8.90 -0.03 -4.36	9.49 -0.02 -4.41	9.87 -0.06 -4.83	9.93 -0.08 -4.92	9.82 -0.04 -4.52	8.34 0.00 -3.50	7.32 -0.02 -3.35
SOUTHOLD_69_KV_BK 2 55809	25.60 0.68 -19.20	22.80 0.57 -17.44	20.36 0.53 -15.27	20.15 0.52 -15.03	20.14 0.50 -15.28	21.22 0.53 -16.11	22.08 0.51 -17.17	22.52 0.60 -16.82	28.29 1.02 -19.08	30.26 1.15 -21.27	33.41 1.11 -24.61	38.94 1.14 -30.02	34.98 1.11 -26.14	35.11 0.71 -29.24	33.59 0.75 -27.74	32.25 0.72 -26.44	31.10 0.63 -25.89	34.77 0.68 -29.52	36.74 0.78 -30.85	39.15 0.76 -33.29	47.92 0.78 -42.05	35.38 0.79 -29.25	28.44 0.64 -22.95	25.90 0.51 -21.40
SOUTHOLD___IC 23719	25.60 0.67 -19.20	22.80 0.56 -17.44	20.36 0.53 -15.27	20.15 0.52 -15.03	20.14 0.50 -15.28	21.22 0.53 -16.11	22.08 0.51 -17.17	22.52 0.60 -16.82	28.29 1.02 -19.08	30.20 1.08 -21.27	33.42 1.11 -24.61	38.94 1.14 -30.02	34.98 1.11 -26.14	35.11 0.71 -29.24	33.58 0.74 -27.74	32.27 0.73 -26.44	31.10 0.63 -25.89	34.77 0.68 -29.52	36.74 0.78 -30.85	39.16 0.77 -33.29	47.92 0.78 -42.05	35.37 0.78 -29.25	28.43 0.63 -22.95	25.91 0.52 -21.40

SPIERFLS_115KV_TB 1 80737	24.99 0.28 -18.99	23.78 0.22 -18.78	22.14 0.20 -17.39	21.10 0.20 -16.30	21.02 0.19 -16.47	22.08 0.20 -17.30	22.77 0.19 -18.19	23.69 0.23 -18.36	23.72 0.45 -15.08	26.37 0.48 -18.05	26.41 0.44 -18.27	26.70 0.47 -18.44	26.93 0.47 -18.72	27.29 0.30 -21.82	27.25 0.30 -21.85	27.25 0.29 -21.87	28.44 0.28 -23.58	32.86 0.29 -27.99	33.66 0.30 -28.27	36.42 0.32 -31.00	36.95 0.30 -31.56	34.66 0.31 -29.01	27.56 0.27 -22.44	25.68 0.19 -21.50
ST LAWRENCE____ 23600	2.50 -0.21 3.02	2.50 -0.16 2.13	3.00 -0.15 1.40	4.44 -0.16 0.00	4.22 -0.14 0.00	4.45 -0.14 0.00	4.27 -0.13 0.00	4.95 -0.15 0.00	7.93 -0.26 0.00	7.59 -0.25 0.00	7.47 -0.23 0.00	7.54 -0.25 0.00	7.49 -0.24 0.00	5.00 -0.17 0.00	4.94 -0.15 0.00	4.94 -0.15 0.00	4.45 -0.13 0.00	4.45 -0.13 0.00	4.94 -0.15 0.00	4.95 -0.15 0.00	4.95 -0.14 0.00	5.18 -0.17 0.00	4.70 -0.15 0.00	3.87 -0.12 0.00
STATE_CA_115KV_115_LB 55624	24.56 0.28 -18.56	23.36 0.23 -18.35	21.76 0.22 -16.99	20.75 0.22 -15.93	20.66 0.20 -16.09	21.71 0.22 -16.90	22.35 0.21 -17.75	23.25 0.24 -17.92	23.33 0.42 -14.72	25.86 0.40 -17.61	25.92 0.38 -17.83	26.20 0.41 -18.00	26.41 0.40 -18.27	26.73 0.26 -21.30	26.68 0.26 -21.33	26.69 0.25 -21.34	27.83 0.24 -23.01	32.13 0.23 -27.32	32.97 0.25 -27.62	35.65 0.26 -30.29	36.19 0.25 -30.84	33.95 0.26 -28.34	27.02 0.25 -21.93	25.18 0.18 -21.01
STATE_ST_34_KV_LOAD 55959	7.93 0.05 -2.16	6.95 0.03 -2.13	6.56 0.03 -1.97	6.48 0.03 -1.85	6.26 0.03 -1.87	6.58 0.03 -1.96	6.49 0.03 -2.06	7.22 0.05 -2.08	9.99 0.09 -1.71	10.02 0.13 -2.05	9.89 0.12 -2.07	10.00 0.12 -2.09	9.98 0.12 -2.12	7.73 0.09 -2.47	7.65 0.07 -2.48	7.63 0.06 -2.48	7.32 0.07 -2.67	7.80 0.05 -3.17	8.38 0.07 -3.21	8.67 0.06 -3.52	8.72 0.05 -3.58	8.71 0.07 -3.29	7.43 0.03 -2.55	6.46 0.03 -2.44
STATION 5_MISC_HYD 23604	7.80 0.01 -2.07	6.81 -0.02 -2.05	6.44 -0.01 -1.90	6.36 -0.01 -1.78	6.13 -0.03 -1.80	6.47 0.00 -1.89	6.37 -0.01 -1.98	7.11 0.02 -2.00	9.82 -0.01 -1.64	9.82 0.01 -1.96	9.68 -0.01 -1.99	9.81 0.02 -2.01	9.78 0.01 -2.04	7.57 0.03 -2.38	7.48 0.01 -2.38	7.45 -0.03 -2.38	7.13 -0.02 -2.57	7.60 -0.02 -3.05	8.17 -0.01 -3.08	8.47 -0.01 -3.38	8.51 -0.03 -3.44	8.51 0.00 -3.16	7.31 0.01 -2.45	6.33 0.00 -2.34
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	7.83 0.04 -2.07	6.84 0.00 -2.05	6.46 0.01 -1.90	6.39 0.02 -1.78	6.16 0.00 -1.80	6.49 0.02 -1.89	6.40 0.02 -1.98	7.14 0.04 -2.00	9.88 0.05 -1.64	9.86 0.05 -1.97	9.72 0.03 -1.99	9.85 0.05 -2.01	9.82 0.05 -2.04	7.59 0.05 -2.38	7.50 0.02 -2.38	7.47 -0.01 -2.38	7.16 0.00 -2.57	7.62 0.00 -3.05	8.20 0.02 -3.08	8.48 0.01 -3.38	8.53 -0.01 -3.44	8.53 0.02 -3.16	7.33 0.03 -2.45	6.35 0.02 -2.35
STA_56_34_KV_BUS2_REV_LBMP_B 345033	7.76 -0.02 -2.05	6.77 -0.05 -2.03	6.40 -0.03 -1.88	6.33 -0.03 -1.76	6.09 -0.05 -1.78	6.43 -0.03 -1.87	6.33 -0.03 -1.96	7.06 -0.02 -1.98	9.77 -0.05 -1.63	9.76 -0.03 -1.95	9.62 -0.05 -1.97	9.75 -0.02 -1.99	9.73 -0.03 -2.02	7.52 0.00 -2.36	7.44 -0.02 -2.36	7.40 -0.06 -2.36	7.09 -0.04 -2.55	7.56 -0.05 -3.02	8.12 -0.03 -3.06	8.41 -0.05 -3.35	8.45 -0.06 -3.41	8.45 -0.03 -3.14	7.26 -0.01 -2.43	6.29 -0.02 -2.33
STA_56____34_KV_BUS2 355983	7.76 -0.02 -2.05	6.77 -0.05 -2.03	6.40 -0.03 -1.88	6.33 -0.03 -1.76	6.09 -0.05 -1.78	6.43 -0.03 -1.87	6.33 -0.03 -1.96	7.06 -0.02 -1.98	9.77 -0.05 -1.63	9.76 -0.03 -1.95	9.62 -0.05 -1.97	9.75 -0.02 -1.99	9.73 -0.03 -2.02	7.52 0.00 -2.36	7.44 -0.02 -2.36	7.40 -0.06 -2.36	7.09 -0.04 -2.55	7.56 -0.05 -3.02	8.12 -0.03 -3.06	8.41 -0.05 -3.35	8.45 -0.06 -3.41	8.45 -0.03 -3.14	7.26 -0.01 -2.43	6.29 -0.02 -2.33
STA_67____115KV_BK2 355882	7.79 0.00 -2.07	6.81 -0.03 -2.05	6.43 -0.02 -1.89	6.36 -0.01 -1.78	6.12 -0.03 -1.79	6.46 -0.01 -1.88	6.36 -0.02 -1.98	7.10 0.01 -2.00	9.80 -0.02 -1.64	9.80 -0.01 -1.96	9.66 -0.02 -1.99	9.79 0.00 -2.01	9.76 -0.01 -2.04	7.55 0.02 -2.37	7.47 -0.01 -2.38	7.43 -0.04 -2.38	7.12 -0.03 -2.56	7.60 -0.03 -3.04	8.16 -0.02 -3.08	8.45 -0.03 -3.38	8.49 -0.04 -3.44	8.49 -0.01 -3.16	7.29 0.00 -2.44	6.32 -0.01 -2.34
STA_7____115KV_9TRANS 80674	7.83 0.03 -2.07	6.83 0.00 -2.05	6.46 0.01 -1.90	6.38 0.01 -1.78	6.14 -0.01 -1.80	6.48 0.01 -1.89	6.39 0.01 -1.98	7.13 0.04 -2.00	9.85 0.02 -1.64	9.86 0.05 -1.96	9.72 0.03 -1.99	9.85 0.05 -2.01	9.82 0.05 -2.04	7.59 0.05 -2.38	7.51 0.03 -2.38	7.47 -0.01 -2.38	7.15 0.00 -2.57	7.62 0.00 -3.05	8.20 0.02 -3.08	8.49 0.01 -3.38	8.53 0.00 -3.44	8.53 0.03 -3.16	7.33 0.03 -2.45	6.34 0.01 -2.34
STA_82____115KV_TB1 80780	7.80 0.01 -2.08	6.81 -0.03 -2.05	6.44 -0.01 -1.90	6.37 -0.01 -1.78	6.13 -0.03 -1.80	6.46 -0.01 -1.89	6.37 -0.01 -1.99	7.11 0.01 -2.00	9.81 -0.02 -1.65	9.81 -0.01 -1.97	9.67 -0.02 -1.99	9.80 0.00 -2.01	9.77 -0.01 -2.04	7.57 0.02 -2.38	7.48 0.00 -2.39	7.44 -0.04 -2.39	7.13 -0.04 -2.57	7.61 -0.03 -3.06	8.18 -0.01 -3.09	8.46 -0.03 -3.39	8.51 -0.04 -3.45	8.50 -0.01 -3.17	7.31 0.00 -2.45	6.33 -0.01 -2.35
STEEL____WIND 323596	8.41 -0.08 -2.77	7.44 -0.09 -2.74	7.01 -0.08 -2.54	6.90 -0.07 -2.38	6.68 -0.08 -2.40	7.07 -0.05 -2.53	7.00 -0.05 -2.65	7.73 -0.04 -2.68	10.31 -0.07 -2.20	10.40 -0.07 -2.63	10.25 -0.11 -2.66	10.40 -0.08 -2.69	10.36 -0.10 -2.73	8.30 -0.04 -3.18	8.21 -0.07 -3.18	8.17 -0.11 -3.19	7.92 -0.10 -3.44	8.57 -0.09 -4.08	9.15 -0.08 -4.12	9.52 -0.10 -4.52	9.55 -0.14 -4.60	9.47 -0.11 -4.23	8.06 -0.06 -3.27	7.06 -0.07 -3.14
STEPHTWN_115KV_BK_2 55603	24.20 0.30 -18.18	23.01 0.24 -17.97	21.43 0.23 -16.64	20.44 0.23 -15.61	20.35 0.22 -15.77	21.37 0.23 -16.56	21.99 0.22 -17.37	22.89 0.25 -17.54	23.06 0.46 -14.41	25.52 0.44 -17.24	25.57 0.42 -17.46	25.85 0.44 -17.62	26.05 0.43 -17.89	26.30 0.28 -20.85	26.25 0.28 -20.88	26.25 0.26 -20.89	27.36 0.25 -22.52	31.57 0.25 -26.74	32.43 0.28 -27.06	35.05 0.28 -29.68	35.58 0.27 -30.21	33.39 0.28 -27.77	26.60 0.27 -21.48	24.77 0.20 -20.58
STEBEN_REC_LFGE 323667	9.24 0.19 -3.33	8.22 0.13 -3.29	7.74 0.13 -3.05	7.60 0.15 -2.86	7.39 0.14 -2.89	7.80 0.18 -3.03	7.78 0.19 -3.19	8.55 0.24 -3.22	11.22 0.39 -2.64	11.35 0.35 -3.16	11.22 0.32 -3.20	11.37 0.35 -3.23	11.35 0.33 -3.28	9.22 0.23 -3.82	9.11 0.19 -3.83	9.07 0.15 -3.83	8.86 0.15 -4.13	9.61 0.13 -4.90	10.24 0.18 -4.96	10.69 0.15 -5.44	10.77 0.14 -5.54	10.61 0.18 -5.09	8.97 0.18 -3.94	7.91 0.16 -3.77
STONY____BROOK 24151	25.44 0.52 -19.20	22.66 0.43 -17.44	20.22 0.40 -15.27	20.01 0.39 -15.03	20.01 0.37 -15.28	21.08 0.39 -16.11	21.96 0.39 -17.17	22.37 0.45 -16.82	28.02 0.75 -19.08	29.90 0.78 -21.27	33.08 0.78 -24.61	38.58 0.77 -30.02	34.64 0.77 -26.14	34.91 0.50 -29.24	33.36 0.53 -27.74	32.05 0.52 -26.44	30.92 0.45 -25.89	34.57 0.48 -29.52	36.50 0.55 -30.85	38.92 0.54 -33.29	47.68 0.54 -42.05	35.15 0.56 -29.25	28.26 0.46 -22.95	25.78 0.39 -21.40

STURGEON_POOL_HYD 23609	20.83 0.29 -14.82	19.69 0.25 -14.65	18.33 0.21 -13.57	17.53 0.21 -12.72	17.41 0.20 -12.85	18.30 0.21 -13.50	18.78 0.21 -14.17	19.64 0.24 -14.30	20.36 0.42 -11.75	22.33 0.41 -14.08	22.34 0.39 -14.25	22.56 0.39 -14.38	22.73 0.39 -14.60	22.45 0.26 -17.02	22.40 0.26 -17.05	22.41 0.26 -17.06	23.19 0.22 -18.39	26.63 0.22 -21.83	27.45 0.27 -22.09	29.59 0.27 -24.23	30.05 0.30 -24.66	28.32 0.31 -22.66	22.64 0.25 -17.53	21.01 0.23 -16.80
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.69 0.30 -13.67	18.55 0.24 -13.51	17.29 0.22 -12.51	16.55 0.22 -11.74	16.42 0.20 -11.85	17.25 0.22 -12.45	17.68 0.22 -13.07	18.54 0.25 -13.19	19.45 0.43 -10.84	21.24 0.42 -12.97	21.24 0.41 -13.13	21.45 0.41 -13.25	21.60 0.41 -13.46	21.12 0.27 -15.68	21.08 0.28 -15.70	21.08 0.27 -15.72	21.76 0.23 -16.94	24.93 0.24 -20.12	25.72 0.28 -20.35	27.69 0.28 -22.32	28.10 0.29 -22.72	26.53 0.30 -20.88	21.26 0.26 -16.15	19.68 0.22 -15.48
SWANROAD_115KV_TB1 355699	8.11 -0.17 -2.55	7.15 -0.16 -2.52	6.74 -0.15 -2.34	6.64 -0.15 -2.19	6.42 -0.16 -2.21	6.79 -0.12 -2.32	6.70 -0.14 -2.44	7.39 -0.17 -2.46	9.91 -0.30 -2.02	9.97 -0.30 -2.42	9.82 -0.33 -2.45	9.96 -0.30 -2.47	9.93 -0.32 -2.51	7.91 -0.18 -2.93	7.82 -0.20 -2.93	7.78 -0.24 -2.93	7.53 -0.21 -3.16	8.14 -0.20 -3.75	8.69 -0.20 -3.80	9.02 -0.24 -4.16	9.06 -0.26 -4.24	9.00 -0.24 -3.89	7.69 -0.17 -3.01	6.74 -0.14 -2.89
SYNERGY___BIOGAS 323694	7.96 0.16 -2.08	6.93 0.09 -2.05	6.56 0.10 -1.90	6.48 0.10 -1.78	6.23 0.07 -1.80	6.59 0.11 -1.89	6.49 0.11 -1.99	7.26 0.16 -2.01	10.03 0.20 -1.65	10.03 0.21 -1.97	9.88 0.18 -2.00	10.02 0.22 -2.01	9.98 0.20 -2.05	7.70 0.15 -2.38	7.61 0.13 -2.39	7.57 0.09 -2.39	7.25 0.09 -2.58	7.72 0.08 -3.06	8.31 0.12 -3.09	8.63 0.14 -3.39	8.67 0.12 -3.45	8.67 0.16 -3.17	7.46 0.15 -2.45	6.44 0.10 -2.35
SYRACUSE___ENERGY_ST1 323597	7.54 0.02 -1.80	6.57 0.00 -1.78	6.21 0.00 -1.65	6.15 0.01 -1.55	5.92 0.00 -1.56	6.23 0.00 -1.64	6.11 -0.01 -1.72	6.83 -0.01 -1.74	9.62 0.00 -1.43	9.54 -0.01 -1.71	9.41 -0.02 -1.73	9.52 -0.01 -1.75	9.50 -0.01 -1.77	7.23 -0.01 -2.07	7.15 -0.02 -2.07	7.14 -0.02 -2.07	6.80 -0.02 -2.23	7.20 -0.03 -2.65	7.76 -0.02 -2.68	8.01 -0.03 -2.94	8.05 -0.04 -2.99	8.07 -0.03 -2.75	6.96 -0.01 -2.13	6.02 -0.01 -2.04
SYRACUSE___ENERGY_ST2 323598	7.54 0.02 -1.80	6.57 0.00 -1.78	6.21 0.00 -1.65	6.15 0.01 -1.55	5.92 0.00 -1.56	6.23 0.00 -1.64	6.11 -0.01 -1.72	6.83 -0.01 -1.74	9.62 0.00 -1.43	9.54 -0.01 -1.71	9.41 -0.02 -1.73	9.52 -0.01 -1.75	9.50 -0.01 -1.77	7.23 -0.02 -2.07	7.15 -0.02 -2.07	7.14 -0.02 -2.07	6.80 -0.02 -2.23	7.20 -0.03 -2.65	7.76 -0.02 -2.68	8.01 -0.03 -2.94	8.05 -0.04 -2.99	8.07 -0.03 -2.75	6.96 -0.01 -2.13	6.02 -0.01 -2.04
SYRACUSE___POWER 24017	7.58 0.01 -1.85	6.61 0.00 -1.83	6.24 0.00 -1.69	6.19 0.00 -1.59	5.96 -0.01 -1.60	6.26 -0.01 -1.69	6.15 -0.01 -1.77	6.87 -0.02 -1.79	9.64 -0.02 -1.47	9.58 -0.02 -1.76	9.45 -0.03 -1.78	9.56 -0.02 -1.79	9.53 -0.02 -1.82	7.28 -0.01 -2.12	7.20 -0.03 -2.13	7.18 -0.04 -2.13	6.85 -0.03 -2.29	7.27 -0.04 -2.72	7.83 -0.03 -2.75	8.08 -0.04 -3.02	8.13 -0.04 -3.08	8.14 -0.03 -2.83	7.01 -0.02 -2.19	6.07 -0.02 -2.10
TALLMAN__138KV_BK151 55660	20.11 0.33 -14.06	18.97 0.27 -13.90	17.67 0.25 -12.87	16.91 0.24 -12.07	16.78 0.23 -12.20	17.63 0.24 -12.81	18.08 0.24 -13.44	18.95 0.29 -13.57	19.82 0.48 -11.15	21.66 0.47 -13.34	21.67 0.46 -13.51	21.88 0.46 -13.63	22.04 0.46 -13.84	21.60 0.30 -16.13	21.56 0.31 -16.16	21.56 0.31 -16.17	22.28 0.27 -17.43	25.55 0.27 -20.70	26.35 0.32 -20.93	28.37 0.32 -22.96	28.78 0.32 -23.37	27.16 0.34 -21.48	21.75 0.29 -16.62	20.15 0.24 -15.92
TEALLAVE_115KV_TB7 355573	7.31 0.00 -1.59	6.35 -0.01 -1.57	6.00 -0.01 -1.46	5.95 -0.01 -1.37	5.72 -0.02 -1.38	6.02 -0.02 -1.45	5.89 -0.03 -1.52	6.60 -0.03 -1.54	9.41 -0.04 -1.26	9.31 -0.05 -1.51	9.17 -0.05 -1.53	9.28 -0.05 -1.54	9.25 -0.05 -1.57	6.97 -0.03 -1.83	6.88 -0.04 -1.83	6.87 -0.05 -1.83	6.51 -0.04 -1.97	6.87 -0.05 -2.34	7.42 -0.05 -2.37	7.64 -0.06 -2.60	7.68 -0.06 -2.64	7.73 -0.05 -2.43	6.69 -0.04 -1.88	5.76 -0.03 -1.80
TELGRAPH_34_KV_EAST 80808	8.13 -0.06 -2.47	7.15 -0.08 -2.44	6.74 -0.07 -2.26	6.65 -0.06 -2.12	6.42 -0.09 -2.14	6.79 -0.05 -2.25	6.70 -0.06 -2.36	7.42 -0.06 -2.38	10.02 -0.13 -1.96	10.05 -0.13 -2.34	9.91 -0.16 -2.37	10.05 -0.13 -2.39	10.01 -0.15 -2.43	7.93 -0.07 -2.83	7.84 -0.10 -2.84	7.79 -0.14 -2.84	7.52 -0.12 -3.06	8.11 -0.11 -3.63	8.67 -0.10 -3.67	9.00 -0.13 -4.03	9.04 -0.15 -4.10	8.99 -0.12 -3.77	7.70 -0.07 -2.92	6.72 -0.06 -2.80
TEMPLE___115KV_TB 2 55572	7.33 0.00 -1.61	6.37 -0.01 -1.59	6.02 -0.01 -1.47	5.98 0.00 -1.38	5.75 -0.01 -1.40	6.04 -0.02 -1.47	5.92 -0.02 -1.54	6.63 -0.03 -1.55	9.43 -0.03 -1.28	9.33 -0.04 -1.53	9.20 -0.05 -1.55	9.31 -0.04 -1.56	9.28 -0.04 -1.59	6.99 -0.02 -1.85	6.91 -0.04 -1.85	6.90 -0.05 -1.85	6.54 -0.04 -2.00	6.90 -0.05 -2.37	7.45 -0.04 -2.40	7.68 -0.05 -2.63	7.71 -0.06 -2.68	7.76 -0.04 -2.46	6.72 -0.03 -1.90	5.79 -0.02 -1.82
TIANA____69_KV_BK 1 55817	25.49 0.57 -19.20	22.71 0.47 -17.44	20.27 0.44 -15.27	20.06 0.44 -15.03	20.06 0.41 -15.28	21.13 0.44 -16.11	22.00 0.43 -17.17	22.42 0.50 -16.82	28.12 0.85 -19.08	30.06 0.94 -21.27	33.21 0.91 -24.61	38.72 0.92 -30.02	34.77 0.90 -26.14	34.98 0.57 -29.24	33.46 0.62 -27.74	32.13 0.60 -26.44	30.98 0.51 -25.89	34.65 0.56 -29.52	36.59 0.64 -30.85	39.01 0.63 -33.29	47.78 0.64 -42.05	35.23 0.64 -29.25	28.32 0.52 -22.95	25.81 0.43 -21.40
TILDEN___115KV_TB1 80814	7.58 0.01 -1.85	6.61 0.00 -1.83	6.24 0.00 -1.69	6.19 0.00 -1.59	5.96 -0.01 -1.60	6.26 -0.01 -1.69	6.15 -0.01 -1.77	6.87 -0.02 -1.79	9.64 -0.02 -1.47	9.58 -0.02 -1.76	9.45 -0.03 -1.78	9.56 -0.02 -1.79	9.53 -0.02 -1.82	7.28 -0.01 -2.12	7.20 -0.03 -2.13	7.18 -0.04 -2.13	6.85 -0.03 -2.29	7.27 -0.04 -2.72	7.83 -0.03 -2.75	8.08 -0.04 -3.02	8.13 -0.04 -3.08	8.14 -0.03 -2.83	7.01 -0.02 -2.19	6.07 -0.02 -2.10
TRIGEN___CC 323695	25.37 0.45 -19.20	22.61 0.37 -17.44	20.16 0.34 -15.27	19.95 0.33 -15.03	19.96 0.31 -15.28	21.02 0.33 -16.11	21.90 0.34 -17.17	22.31 0.39 -16.82	27.91 0.65 -19.08	29.77 0.65 -21.27	32.93 0.62 -24.61	38.42 0.62 -30.02	34.49 0.62 -26.14	34.82 0.41 -29.24	33.26 0.42 -27.74	31.94 0.41 -26.44	30.83 0.36 -25.89	34.47 0.38 -29.52	36.39 0.44 -30.85	38.81 0.43 -33.29	47.57 0.43 -42.05	35.04 0.45 -29.25	28.18 0.38 -22.95	25.71 0.32 -21.40
TRINITY__115KV__ 4 BK 55933	24.17 0.25 -18.20	22.99 0.21 -18.00	21.41 0.20 -16.66	20.42 0.20 -15.63	20.33 0.18 -15.79	21.36 0.19 -16.58	21.98 0.18 -17.40	22.87 0.21 -17.56	22.99 0.37 -14.43	25.45 0.35 -17.26	25.52 0.34 -17.48	25.78 0.35 -17.64	25.99 0.35 -17.91	26.27 0.23 -20.88	26.23 0.22 -20.91	26.23 0.22 -20.92	27.34 0.21 -22.55	31.56 0.20 -26.78	32.41 0.22 -27.09	35.03 0.22 -29.72	35.56 0.21 -30.25	33.37 0.22 -27.80	26.57 0.21 -21.51	24.75 0.16 -20.61

UNION___PROCESSING_DRP 323587	7.80 0.01 -2.08	6.82 -0.03 -2.05	6.44 -0.01 -1.90	6.37 -0.01 -1.78	6.13 -0.03 -1.80	6.47 -0.01 -1.89	6.37 -0.01 -1.99	7.11 0.01 -2.01	9.81 -0.02 -1.65	9.82 0.00 -1.97	9.67 -0.02 -2.00	9.81 0.01 -2.01	9.78 0.00 -2.05	7.57 0.02 -2.38	7.48 0.00 -2.39	7.44 -0.04 -2.39	7.13 -0.02 -2.58	7.61 -0.03 -3.06	8.18 -0.01 -3.09	8.47 -0.02 -3.39	8.51 -0.04 -3.45	8.51 -0.01 -3.17	7.31 0.00 -2.46	6.33 -0.01 -2.35
UPPER HUDSON___HYD 24058	24.99 0.28 -18.99	23.78 0.22 -18.78	22.14 0.21 -17.39	21.10 0.20 -16.30	21.02 0.19 -16.47	22.08 0.20 -17.30	22.75 0.19 -18.16	23.66 0.23 -18.33	23.70 0.45 -15.06	26.34 0.48 -18.02	26.38 0.44 -18.25	26.70 0.48 -18.44	26.93 0.47 -18.72	27.29 0.30 -21.82	27.25 0.30 -21.85	27.25 0.29 -21.87	28.44 0.28 -23.58	32.82 0.29 -27.95	33.66 0.30 -28.27	36.42 0.32 -31.00	36.96 0.30 -31.56	34.66 0.31 -29.01	27.56 0.27 -22.44	25.68 0.19 -21.50
UPPER RAQUET___HYD 24056	3.10 -0.22 2.40	2.91 -0.19 1.69	3.27 -0.17 1.11	4.43 -0.17 0.00	4.22 -0.14 0.00	4.45 -0.14 0.00	4.27 -0.12 0.00	4.96 -0.13 0.00	7.96 -0.23 0.00	7.62 -0.23 0.00	7.49 -0.21 0.00	7.55 -0.23 0.00	7.50 -0.23 0.00	4.98 -0.19 0.00	4.87 -0.22 0.00	4.87 -0.22 0.00	4.38 -0.20 0.00	4.37 -0.21 0.00	4.87 -0.23 0.00	4.87 -0.22 0.00	4.90 -0.19 0.00	5.16 -0.18 0.00	4.71 -0.14 0.00	3.87 -0.11 0.00
VALLEY44_115KV_TB2 355964	8.61 -0.13 -3.03	7.65 -0.13 -2.99	7.20 -0.12 -2.77	7.08 -0.11 -2.60	6.87 -0.12 -2.62	7.26 -0.09 -2.76	7.21 -0.08 -2.89	7.93 -0.08 -2.92	10.46 -0.13 -2.40	10.58 -0.13 -2.87	10.44 -0.16 -2.91	10.59 -0.13 -2.93	10.56 -0.15 -2.98	8.55 -0.09 -3.47	8.46 -0.11 -3.48	8.42 -0.15 -3.48	8.21 -0.12 -3.75	8.91 -0.12 -4.45	9.48 -0.12 -4.50	9.88 -0.15 -4.94	9.94 -0.18 -5.02	9.81 -0.15 -4.62	8.31 -0.12 -3.57	7.31 -0.10 -3.43
VALLEY___115KV_TB 1-4 80826	5.83 -0.02 -0.13	4.86 -0.02 -0.09	4.59 -0.02 -0.06	4.58 -0.02 0.00	4.34 -0.02 0.00	4.56 -0.03 0.00	4.36 -0.04 0.00	5.07 -0.03 0.00	8.15 -0.04 0.00	7.77 -0.07 0.00	7.65 -0.05 0.00	7.72 -0.06 0.00	7.68 -0.05 0.00	5.12 -0.04 0.00	5.05 -0.05 0.00	5.04 -0.05 0.00	4.54 -0.04 0.00	4.54 -0.04 0.00	5.05 -0.05 0.00	5.05 -0.05 0.00	5.05 -0.05 0.00	5.30 -0.04 0.00	4.83 -0.02 0.00	3.96 -0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	12.09 0.23 -6.14	11.05 0.19 -6.07	10.35 0.18 -5.62	10.05 0.18 -5.27	9.86 0.17 -5.32	10.37 0.19 -5.59	10.45 0.18 -5.87	11.24 0.22 -5.93	13.42 0.36 -4.87	14.06 0.38 -5.83	13.99 0.39 -5.90	14.14 0.40 -5.95	14.17 0.39 -6.05	12.48 0.26 -7.05	12.40 0.24 -7.06	12.39 0.24 -7.06	12.40 0.21 -7.61	13.82 0.21 -9.04	14.48 0.25 -9.14	15.36 0.24 -10.02	15.53 0.24 -10.20	14.97 0.25 -9.38	12.31 0.20 -7.25	11.10 0.16 -6.95
VISCHER___FERRY HYD 24020	24.47 0.25 -18.50	23.28 0.21 -18.29	21.68 0.19 -16.93	20.67 0.20 -15.88	20.59 0.19 -16.04	21.63 0.20 -16.84	22.27 0.19 -17.69	23.17 0.22 -17.85	23.25 0.39 -14.67	25.75 0.36 -17.55	25.82 0.35 -17.77	26.10 0.37 -17.94	26.31 0.36 -18.22	26.64 0.24 -21.23	26.59 0.23 -21.26	26.60 0.23 -21.28	27.74 0.22 -22.94	32.01 0.21 -27.22	32.86 0.23 -27.53	35.52 0.23 -30.20	36.06 0.22 -30.74	33.83 0.23 -28.25	26.93 0.22 -21.85	25.09 0.16 -20.94
V_A_10_SYNC_DSASP 323832	7.97 -0.07 -2.32	7.00 -0.08 -2.29	6.60 -0.07 -2.12	6.52 -0.06 -1.99	6.29 -0.08 -2.01	6.64 -0.05 -2.11	6.55 -0.06 -2.21	7.29 -0.05 -2.24	9.92 -0.11 -1.84	9.94 -0.10 -2.20	9.79 -0.13 -2.23	9.92 -0.11 -2.25	9.90 -0.12 -2.28	7.77 -0.05 -2.66	7.69 -0.07 -2.66	7.65 -0.11 -2.66	7.36 -0.09 -2.87	7.90 -0.09 -3.41	8.47 -0.08 -3.45	8.79 -0.09 -3.78	8.82 -0.12 -3.85	8.79 -0.09 -3.54	7.53 -0.05 -2.74	6.55 -0.06 -2.62
V_CMM_10_SYNC_DSASP 323787	2.52 -0.18 3.02	2.51 -0.15 2.13	3.02 -0.14 1.40	4.45 -0.14 0.00	4.24 -0.12 0.00	4.46 -0.12 0.00	4.29 -0.11 0.00	4.97 -0.13 0.00	7.96 -0.23 0.00	7.62 -0.22 0.00	7.50 -0.20 0.00	7.57 -0.22 0.00	7.53 -0.21 0.00	5.02 -0.14 0.00	4.96 -0.13 0.00	4.96 -0.13 0.00	4.47 -0.11 0.00	4.47 -0.11 0.00	4.96 -0.13 0.00	4.97 -0.13 0.00	4.97 -0.12 0.00	5.20 -0.14 0.00	4.72 -0.13 0.00	3.89 -0.10 0.00
V_CMP_10_SYNC_DSASP 323788	2.37 -0.38 2.97	2.38 -0.31 2.10	2.92 -0.25 1.38	4.37 -0.23 0.00	4.19 -0.17 0.00	4.44 -0.15 0.00	4.30 -0.10 0.00	5.02 -0.08 0.00	8.09 -0.10 0.00	7.81 -0.03 0.00	7.71 0.01 0.00	7.76 -0.02 0.00	7.69 -0.05 0.00	5.11 -0.06 0.00	5.05 -0.05 0.00	5.01 -0.08 0.00	4.50 -0.08 0.00	4.52 -0.05 0.00	5.03 -0.07 0.00	5.04 -0.06 0.00	5.04 -0.06 0.00	5.24 -0.10 0.00	4.73 -0.12 0.00	3.86 -0.12 0.00
V_E_10_SYNC_DSASP 323830	10.63 0.28 -4.63	9.59 0.22 -4.58	8.99 0.19 -4.24	8.78 0.21 -3.98	8.59 0.21 -4.02	9.05 0.25 -4.22	9.06 0.24 -4.43	9.87 0.31 -4.47	12.34 0.47 -3.67	12.65 0.41 -4.39	12.59 0.44 -4.45	12.72 0.44 -4.49	12.71 0.42 -4.56	10.77 0.28 -5.32	10.67 0.25 -5.32	10.70 0.28 -5.33	10.56 0.24 -5.74	11.64 0.25 -6.82	12.32 0.33 -6.89	12.99 0.33 -7.56	13.11 0.32 -7.70	12.75 0.33 -7.07	10.63 0.31 -5.47	9.48 0.25 -5.24
V_F_30_NSYNC___DSASP 323816	24.95 0.31 -18.92	23.74 0.24 -18.71	22.11 0.23 -17.32	21.07 0.23 -16.24	20.99 0.22 -16.41	22.05 0.23 -17.23	22.71 0.22 -18.09	23.62 0.26 -18.26	23.66 0.47 -15.01	26.27 0.47 -17.95	26.32 0.44 -18.18	26.63 0.48 -18.37	26.85 0.46 -18.65	27.21 0.30 -21.74	27.17 0.30 -21.77	27.17 0.30 -21.78	28.35 0.28 -23.49	32.71 0.28 -27.85	33.56 0.30 -28.16	36.29 0.31 -30.89	36.83 0.30 -31.45	34.55 0.30 -28.90	27.48 0.28 -22.36	25.61 0.20 -21.42
V_F_30_SYNC_DSASP 323786	24.54 0.28 -18.54	23.35 0.23 -18.33	21.74 0.22 -16.97	20.73 0.22 -15.91	20.64 0.21 -16.08	21.69 0.22 -16.88	22.33 0.21 -17.72	23.23 0.24 -17.89	23.31 0.42 -14.70	25.83 0.40 -17.59	25.89 0.38 -17.81	26.17 0.40 -17.98	26.39 0.40 -18.25	26.70 0.26 -21.27	26.66 0.26 -21.30	26.66 0.25 -21.32	27.80 0.24 -22.98	32.09 0.23 -27.28	32.94 0.25 -27.59	35.62 0.26 -30.26	36.15 0.25 -30.81	33.92 0.26 -28.31	27.00 0.25 -21.90	25.16 0.18 -20.99
V_XM_10_SYNC_DSASP 323789	2.37 -0.38 2.97	2.38 -0.31 2.10	2.92 -0.25 1.38	4.37 -0.23 0.00	4.19 -0.17 0.00	4.44 -0.15 0.00	4.30 -0.10 0.00	5.02 -0.08 0.00	8.09 -0.10 0.00	7.81 -0.03 0.00	7.71 0.01 0.00	7.76 -0.02 0.00	7.69 -0.05 0.00	5.11 -0.06 0.00	5.05 -0.05 0.00	5.01 -0.08 0.00	4.50 -0.08 0.00	4.52 -0.05 0.00	5.03 -0.07 0.00	5.04 -0.06 0.00	5.04 -0.06 0.00	5.24 -0.10 0.00	4.73 -0.12 0.00	3.86 -0.12 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.21 0.34 -14.15	19.07 0.29 -13.99	17.76 0.26 -12.95	17.00 0.25 -12.15	16.87 0.24 -12.27	17.73 0.25 -12.89	18.18 0.26 -13.53	19.05 0.30 -13.66	19.91 0.50 -11.22	21.76 0.49 -13.42	21.78 0.49 -13.59	21.99 0.48 -13.72	22.15 0.49 -13.93	21.72 0.32 -16.23	21.68 0.32 -16.26	21.68 0.32 -16.27	22.40 0.27 -17.54	25.69 0.28 -20.82	26.50 0.34 -21.06	28.53 0.33 -23.10	28.95 0.34 -23.52	27.31 0.36 -21.61	21.87 0.30 -16.72	20.26 0.26 -16.02

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.78 0.37 -14.69	19.64 0.33 -14.52	18.28 0.27 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.23 0.26 -13.38	18.71 0.27 -14.05	19.59 0.32 -14.18	20.37 0.53 -11.65	22.31 0.53 -13.94	22.32 0.51 -14.11	22.53 0.51 -14.24	22.71 0.51 -14.46	22.36 0.34 -16.85	22.32 0.34 -16.88	22.32 0.34 -16.89	23.08 0.29 -18.21	26.50 0.31 -21.62	27.36 0.39 -21.87	29.44 0.36 -23.98	29.86 0.36 -24.42	28.16 0.37 -22.44	22.52 0.32 -17.36	20.89 0.28 -16.63
W50THST__13_KV_LOAD 356117	20.80 0.39 -14.69	19.64 0.33 -14.52	18.29 0.29 -13.45	17.48 0.28 -12.61	17.36 0.26 -12.74	18.24 0.28 -13.38	18.72 0.28 -14.05	19.61 0.33 -14.18	20.40 0.57 -11.65	22.34 0.56 -13.94	22.35 0.54 -14.11	22.56 0.53 -14.24	22.73 0.53 -14.46	22.38 0.36 -16.85	22.34 0.36 -16.88	22.33 0.35 -16.89	23.09 0.30 -18.21	26.52 0.33 -21.62	27.36 0.39 -21.87	29.45 0.37 -23.98	29.88 0.38 -24.42	28.18 0.40 -22.44	22.54 0.33 -17.36	20.91 0.29 -16.63
WADING RIVER_IC_1 23522	25.45 0.53 -19.20	22.67 0.44 -17.44	20.24 0.41 -15.27	20.03 0.40 -15.03	20.03 0.38 -15.28	21.10 0.40 -16.11	21.97 0.40 -17.17	22.38 0.46 -16.82	28.04 0.78 -19.08	29.93 0.81 -21.27	33.12 0.82 -24.61	38.61 0.81 -30.02	34.67 0.80 -26.14	34.92 0.52 -29.24	33.39 0.55 -27.74	32.08 0.54 -26.44	30.93 0.46 -25.89	34.60 0.50 -29.52	36.53 0.58 -30.85	38.95 0.57 -33.29	47.72 0.58 -42.05	35.18 0.58 -29.25	28.27 0.47 -22.95	25.79 0.40 -21.40
WADING RIVER_IC_2 23547	25.45 0.53 -19.20	22.67 0.44 -17.44	20.24 0.41 -15.27	20.03 0.40 -15.03	20.03 0.38 -15.28	21.10 0.40 -16.11	21.97 0.40 -17.17	22.38 0.46 -16.82	28.04 0.78 -19.08	29.93 0.81 -21.27	33.12 0.82 -24.61	38.61 0.81 -30.02	34.67 0.80 -26.14	34.92 0.52 -29.24	33.39 0.55 -27.74	32.08 0.54 -26.44	30.93 0.46 -25.89	34.60 0.50 -29.52	36.53 0.58 -30.85	38.95 0.57 -33.29	47.72 0.58 -42.05	35.18 0.58 -29.25	28.27 0.47 -22.95	25.79 0.40 -21.40
WADING RIVER_IC_3 23601	25.45 0.53 -19.20	22.67 0.44 -17.44	20.24 0.41 -15.27	20.03 0.40 -15.03	20.03 0.38 -15.28	21.10 0.40 -16.11	21.97 0.40 -17.17	22.38 0.46 -16.82	28.04 0.78 -19.08	29.93 0.81 -21.27	33.12 0.82 -24.61	38.61 0.81 -30.02	34.67 0.80 -26.14	34.92 0.52 -29.24	33.39 0.55 -27.74	32.08 0.54 -26.44	30.93 0.46 -25.89	34.60 0.50 -29.52	36.53 0.58 -30.85	38.95 0.57 -33.29	47.72 0.58 -42.05	35.18 0.58 -29.25	28.27 0.47 -22.95	25.79 0.40 -21.40
WALDENNY_12_KV_BK2 80841	8.40 -0.07 -2.75	7.42 -0.09 -2.72	6.99 -0.08 -2.52	6.89 -0.07 -2.36	6.66 -0.08 -2.38	7.05 -0.04 -2.50	6.97 -0.05 -2.63	7.71 -0.04 -2.65	10.29 -0.08 -2.18	10.37 -0.08 -2.61	10.22 -0.12 -2.64	10.37 -0.08 -2.66	10.34 -0.10 -2.71	8.28 -0.04 -3.15	8.18 -0.07 -3.16	8.13 -0.12 -3.16	7.89 -0.10 -3.41	8.54 -0.08 -4.04	9.11 -0.08 -4.09	9.46 -0.12 -4.48	9.51 -0.15 -4.56	9.42 -0.11 -4.19	8.03 -0.06 -3.25	7.03 -0.06 -3.11
WALDEN__HYDRO 24148	20.24 0.33 -14.18	19.08 0.27 -14.02	17.78 0.24 -12.98	17.01 0.23 -12.18	16.88 0.22 -12.30	17.75 0.24 -12.92	18.20 0.24 -13.56	19.06 0.28 -13.69	19.90 0.47 -11.25	21.77 0.47 -13.46	21.77 0.45 -13.63	21.98 0.45 -13.75	22.14 0.45 -13.96	21.73 0.30 -16.27	21.68 0.30 -16.29	21.69 0.30 -16.30	22.42 0.26 -17.58	25.71 0.26 -20.87	26.52 0.31 -21.11	28.56 0.31 -23.15	29.00 0.34 -23.57	27.36 0.36 -21.66	21.90 0.29 -16.76	20.29 0.25 -16.06
WARRENSBURG____ 23737	24.99 0.28 -18.99	23.78 0.22 -18.78	22.14 0.21 -17.39	21.10 0.20 -16.30	21.02 0.19 -16.47	22.08 0.20 -17.30	22.75 0.19 -18.16	23.66 0.23 -18.33	23.70 0.45 -15.06	26.34 0.48 -18.02	26.38 0.44 -18.25	26.70 0.48 -18.44	26.93 0.47 -18.72	27.29 0.30 -21.82	27.25 0.30 -21.85	27.25 0.29 -21.87	28.44 0.28 -23.58	32.82 0.29 -27.95	33.66 0.30 -28.27	36.42 0.32 -31.00	36.96 0.30 -31.56	34.66 0.31 -29.01	27.56 0.27 -22.44	25.68 0.19 -21.50
WATERSIDE____6 8 9 23538	20.78 0.37 -14.69	19.62 0.30 -14.52	18.27 0.27 -13.45	17.46 0.25 -12.61	17.35 0.24 -12.74	18.21 0.24 -13.38	18.69 0.25 -14.05	19.57 0.30 -14.18	20.35 0.51 -11.65	22.28 0.50 -13.94	22.30 0.49 -14.11	22.51 0.48 -14.24	22.68 0.49 -14.46	22.35 0.33 -16.85	22.31 0.33 -16.88	22.30 0.32 -16.89	23.07 0.27 -18.21	26.50 0.30 -21.62	27.32 0.36 -21.87	29.42 0.34 -23.98	29.85 0.35 -24.42	28.15 0.36 -22.44	22.50 0.30 -17.36	20.89 0.27 -16.63
WATKINRD_115KV_LN8_ILLION 55919	5.85 0.01 -0.13	4.88 0.00 -0.09	4.61 0.00 -0.06	4.60 0.00 0.00	4.36 0.00 0.00	4.58 0.00 0.00	4.39 -0.01 0.00	5.09 -0.01 0.00	8.19 0.00 0.00	7.82 -0.02 0.00	7.68 -0.02 0.00	7.77 -0.02 0.00	7.72 -0.02 0.00	5.15 -0.02 0.00	5.08 -0.02 0.00	5.07 -0.02 0.00	4.57 -0.01 0.00	4.56 -0.01 0.00	5.09 -0.01 0.00	5.08 -0.02 0.00	5.08 -0.02 0.00	5.33 -0.01 0.00	4.85 0.00 0.00	3.98 0.00 0.00
WATSON____69_KV_BK 1 55734	25.47 0.54 -19.20	22.68 0.45 -17.44	20.24 0.41 -15.27	20.03 0.41 -15.03	20.03 0.39 -15.28	21.10 0.41 -16.11	21.97 0.41 -17.17	22.39 0.47 -16.82	28.05 0.79 -19.08	29.94 0.82 -21.27	33.09 0.79 -24.61	38.58 0.78 -30.02	34.64 0.77 -26.14	34.92 0.51 -29.24	33.37 0.54 -27.74	32.05 0.52 -26.44	30.93 0.46 -25.89	34.57 0.48 -29.52	36.51 0.56 -30.85	38.93 0.55 -33.29	47.69 0.55 -42.05	35.16 0.57 -29.25	28.28 0.48 -22.95	25.78 0.39 -21.40
WDELAWARE__HYD 323627	19.10 0.28 -13.10	17.98 0.23 -12.95	16.74 0.20 -11.99	16.04 0.19 -11.25	15.91 0.19 -11.36	16.72 0.21 -11.93	17.12 0.19 -12.53	17.97 0.23 -12.64	18.97 0.39 -10.39	20.66 0.38 -12.43	20.66 0.38 -12.59	20.87 0.38 -12.71	21.01 0.38 -12.90	20.45 0.25 -15.04	20.40 0.24 -15.06	20.41 0.25 -15.07	21.04 0.21 -16.24	24.07 0.21 -19.28	24.86 0.26 -19.50	26.74 0.26 -21.39	27.16 0.30 -21.77	25.66 0.31 -20.01	20.58 0.25 -15.48	19.04 0.22 -14.83
WEST BABYLON__IC 23714	25.45 0.53 -19.20	22.67 0.44 -17.44	20.23 0.40 -15.27	20.02 0.40 -15.03	20.02 0.38 -15.28	21.09 0.39 -16.11	21.96 0.40 -17.17	22.38 0.46 -16.82	28.03 0.76 -19.08	29.91 0.79 -21.27	33.07 0.76 -24.61	38.55 0.75 -30.02	34.61 0.74 -26.14	34.90 0.50 -29.24	33.35 0.51 -27.74	32.03 0.50 -26.44	30.91 0.44 -25.89	34.56 0.46 -29.52	36.49 0.54 -30.85	38.91 0.52 -33.29	47.67 0.53 -42.05	35.14 0.55 -29.25	28.26 0.46 -22.95	25.77 0.38 -21.40
WEST CANADA__HYD 24049	5.87 0.02 -0.13	4.89 0.01 -0.09	4.63 0.01 -0.06	4.61 0.01 0.00	4.37 0.01 0.00	4.60 0.01 0.00	4.40 0.00 0.00	5.11 0.01 0.00	8.21 0.02 0.00	7.86 0.02 0.00	7.71 0.02 0.00	7.80 0.02 0.00	7.75 0.02 0.00	5.18 0.01 0.00	5.11 0.01 0.00	5.10 0.01 0.00	4.59 0.00 0.00	4.58 0.00 0.00	5.11 0.01 0.00	5.11 0.01 0.00	5.10 0.01 0.00	5.35 0.01 0.00	4.86 0.01 0.00	3.99 0.01 0.00
WESTERN_NY_WIND 24143	8.20 -0.03 -2.51	7.21 -0.06 -2.48	6.80 -0.05 -2.30	6.71 -0.05 -2.16	6.47 -0.07 -2.18	6.85 -0.03 -2.29	6.76 -0.04 -2.40	7.48 -0.04 -2.42	10.07 -0.11 -1.99	10.13 -0.09 -2.38	9.98 -0.13 -2.41	10.11 -0.11 -2.44	10.07 -0.14 -2.47	7.98 -0.07 -2.88	7.89 -0.09 -2.89	7.84 -0.14 -2.89	7.59 -0.11 -3.11	8.18 -0.09 -3.70	8.76 -0.08 -3.74	9.11 -0.09 -4.10	9.14 -0.12 -4.17	9.08 -0.09 -3.83	7.77 -0.04 -2.97	6.79 -0.04 -2.85

WESTOVER___LESR 323668	10.68 0.08 -4.88	9.67 0.06 -4.82	9.07 0.05 -4.47	8.84 0.06 -4.19	8.64 0.05 -4.23	9.09 0.06 -4.44	9.12 0.06 -4.67	9.88 0.08 -4.71	12.18 0.12 -3.87	12.58 0.10 -4.63	12.49 0.10 -4.69	12.63 0.11 -4.73	12.65 0.11 -4.80	10.84 0.08 -5.60	10.76 0.06 -5.61	10.75 0.05 -5.61	10.68 0.05 -6.05	11.80 0.04 -7.18	12.42 0.06 -7.26	13.11 0.05 -7.96	13.24 0.04 -8.11	12.85 0.06 -7.45	10.68 0.06 -5.76	9.57 0.06 -5.52
WETHRSFD_WT_PWR 323626	8.68 -0.14 -3.10	7.71 -0.14 -3.07	7.26 -0.13 -2.84	7.14 -0.11 -2.66	6.94 -0.11 -2.69	7.33 -0.08 -2.82	7.28 -0.08 -2.96	8.01 -0.08 -2.99	10.52 -0.12 -2.46	10.67 -0.12 -2.94	10.54 -0.14 -2.98	10.68 -0.12 -3.01	10.65 -0.14 -3.05	8.65 -0.07 -3.56	8.56 -0.10 -3.56	8.52 -0.14 -3.56	8.30 -0.13 -3.84	9.02 -0.12 -4.56	9.58 -0.13 -4.61	10.00 -0.16 -5.06	10.05 -0.19 -5.15	9.92 -0.16 -4.73	8.40 -0.12 -3.66	7.39 -0.11 -3.51
WHAVSTOR_138KV_BK127 55557	20.21 0.33 -14.17	19.06 0.27 -14.01	17.77 0.24 -12.97	16.99 0.23 -12.16	16.87 0.22 -12.29	17.72 0.23 -12.90	18.18 0.24 -13.55	19.05 0.28 -13.67	19.90 0.47 -11.23	21.75 0.46 -13.44	21.76 0.45 -13.61	21.97 0.44 -13.74	22.14 0.46 -13.95	21.72 0.30 -16.25	21.68 0.30 -16.28	21.68 0.30 -16.29	22.40 0.26 -17.56	25.70 0.27 -20.85	26.50 0.32 -21.09	28.54 0.31 -23.13	28.95 0.32 -23.55	27.31 0.33 -21.64	21.87 0.28 -16.74	20.27 0.24 -16.04
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.21 0.33 -14.17	19.06 0.27 -14.01	17.77 0.24 -12.97	16.99 0.23 -12.16	16.87 0.22 -12.29	17.72 0.23 -12.90	18.18 0.24 -13.55	19.05 0.28 -13.67	19.90 0.47 -11.23	21.75 0.46 -13.44	21.76 0.45 -13.61	21.97 0.44 -13.74	22.14 0.46 -13.95	21.72 0.30 -16.25	21.68 0.30 -16.28	21.68 0.30 -16.29	22.40 0.26 -17.56	25.70 0.27 -20.85	26.50 0.32 -21.09	28.54 0.31 -23.13	28.95 0.32 -23.55	27.31 0.33 -21.64	21.87 0.28 -16.74	20.27 0.24 -16.04
WHITEHAL_115KV_TB1 80871	25.07 0.39 -18.96	23.83 0.29 -18.75	22.20 0.28 -17.36	21.15 0.28 -16.28	21.06 0.26 -16.45	22.13 0.28 -17.27	22.81 0.26 -18.16	23.74 0.32 -18.33	23.85 0.61 -15.06	26.51 0.65 -18.02	26.54 0.59 -18.24	26.84 0.65 -18.41	27.07 0.64 -18.69	27.36 0.41 -21.79	27.32 0.41 -21.82	27.31 0.39 -21.83	28.50 0.38 -23.54	32.92 0.40 -27.95	33.73 0.41 -28.22	36.49 0.43 -30.96	37.02 0.42 -31.51	34.73 0.43 -28.96	27.62 0.36 -22.41	25.71 0.25 -21.47
WHITEPLN_13_KV_LOAD 356215	20.77 0.38 -14.66	19.61 0.32 -14.49	18.26 0.28 -13.42	17.45 0.27 -12.59	17.33 0.25 -12.72	18.21 0.27 -13.35	18.69 0.28 -14.02	19.57 0.32 -14.15	20.36 0.55 -11.63	22.29 0.53 -13.91	22.30 0.52 -14.08	22.51 0.51 -14.21	22.68 0.52 -14.43	22.33 0.34 -16.82	22.28 0.34 -16.84	22.29 0.34 -16.86	23.05 0.29 -18.17	26.46 0.31 -21.58	27.29 0.37 -21.82	29.39 0.36 -23.94	29.82 0.36 -24.37	28.12 0.38 -22.39	22.50 0.33 -17.32	20.87 0.28 -16.60
WM_FLOYD_69_KV_BK2 356380	25.44 0.51 -19.20	22.66 0.43 -17.44	20.23 0.40 -15.27	20.02 0.40 -15.03	20.02 0.38 -15.28	21.09 0.40 -16.11	21.96 0.39 -17.17	22.37 0.45 -16.82	28.03 0.76 -19.08	29.93 0.82 -21.27	33.08 0.78 -24.61	38.58 0.77 -30.02	34.63 0.76 -26.14	34.90 0.49 -29.24	33.36 0.52 -27.74	32.04 0.51 -26.44	30.91 0.44 -25.89	34.57 0.48 -29.52	36.51 0.56 -30.85	38.92 0.54 -33.29	47.69 0.54 -42.05	35.15 0.56 -29.25	28.27 0.47 -22.95	25.77 0.38 -21.40
WOODARD__115KV_TB2 355635	7.32 -0.01 -1.61	6.36 -0.02 -1.59	6.01 -0.02 -1.48	5.96 -0.02 -1.38	5.73 -0.03 -1.40	6.03 -0.03 -1.47	5.90 -0.04 -1.54	6.62 -0.04 -1.56	9.42 -0.05 -1.28	9.31 -0.06 -1.53	9.18 -0.07 -1.55	9.29 -0.06 -1.56	9.26 -0.06 -1.59	6.98 -0.04 -1.85	6.90 -0.05 -1.85	6.88 -0.06 -1.85	6.53 -0.05 -2.00	6.89 -0.06 -2.37	7.44 -0.06 -2.40	7.66 -0.07 -2.63	7.70 -0.07 -2.68	7.75 -0.06 -2.46	6.71 -0.04 -1.91	5.78 -0.04 -1.83
YORK___WARBASSE 23770	20.80 0.39 -14.69	19.63 0.32 -14.52	18.29 0.28 -13.45	17.47 0.26 -12.61	17.35 0.25 -12.74	18.20 0.24 -13.38	18.68 0.24 -14.05	19.56 0.28 -14.18	20.34 0.50 -11.65	22.28 0.49 -13.94	22.29 0.48 -14.11	22.50 0.47 -14.24	22.68 0.49 -14.46	22.34 0.32 -16.85	22.31 0.33 -16.88	22.30 0.32 -16.89	23.06 0.27 -18.21	26.50 0.30 -21.62	27.33 0.37 -21.87	29.43 0.35 -23.98	29.86 0.35 -24.42	28.15 0.37 -22.44	22.50 0.30 -17.36	20.89 0.28 -16.63