

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/22/2023

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	21.81	19.82	17.83	17.15	17.52	18.69	24.50	28.38	23.94	20.22	20.81	20.62	20.77	22.88	23.72	26.34	31.90	43.24	43.26	39.59	38.06	32.18	23.64	21.42
24138	0.42	0.36	0.37	0.34	0.35	0.41	0.50	0.48	0.62	0.71	0.70	0.70	0.73	0.69	0.64	0.63	0.69	0.77	0.83	1.39	1.40	0.70	0.76	0.52
	-15.54	-14.32	-12.00	-11.73	-12.08	-12.32	-16.62	-21.27	-15.53	-10.82	-11.43	-11.41	-11.40	-14.03	-15.43	-17.89	-22.25	-32.73	-31.82	-19.88	-18.01	-22.02	-12.50	-13.69
74TH STREET_GT_1	21.81	19.82	17.84	17.16	17.52	18.69	24.50	28.38	23.94	20.21	20.81	20.61	20.77	22.88	23.72	26.33	31.89	43.23	43.25	39.58	38.06	32.18	23.64	21.42
24260	0.42	0.36	0.37	0.35	0.35	0.40	0.50	0.48	0.62	0.70	0.69	0.69	0.73	0.69	0.63	0.62	0.68	0.76	0.82	1.37	1.40	0.70	0.76	0.52
	-15.54	-14.32	-12.00	-11.73	-12.08	-12.32	-16.62	-21.27	-15.53	-10.82	-11.43	-11.41	-11.40	-14.03	-15.43	-17.89	-22.25	-32.73	-31.82	-19.88	-18.01	-22.02	-12.50	-13.69
74TH STREET_GT_2	21.81	19.82	17.84	17.16	17.52	18.69	24.50	28.38	23.94	20.21	20.81	20.61	20.77	22.88	23.72	26.33	31.89	43.23	43.25	39.58	38.06	32.18	23.64	21.42
24261	0.42	0.36	0.37	0.35	0.35	0.40	0.50	0.48	0.62	0.70	0.69	0.69	0.73	0.69	0.63	0.62	0.68	0.76	0.82	1.37	1.40	0.70	0.76	0.52
	-15.54	-14.32	-12.00	-11.73	-12.08	-12.32	-16.62	-21.27	-15.53	-10.82	-11.43	-11.41	-11.40	-14.03	-15.43	-17.89	-22.25	-32.73	-31.82	-19.88	-18.01	-22.02	-12.50	-13.69
ADK HUDSON___FALLS	26.23	23.89	21.29	20.52	20.98	22.25	29.34	34.53	28.16	23.21	23.97	23.78	23.83	26.35	27.32	30.07	36.02	48.42	49.26	44.06	43.08	38.44	27.19	25.31
24011	0.33	0.29	0.34	0.31	0.32	0.39	0.53	0.47	0.55	0.56	0.55	0.55	0.49	0.47	0.44	0.44	0.52	0.59	0.65	1.21	1.21	0.60	0.70	0.45
	-20.04	-18.46	-15.48	-15.13	-15.58	-15.89	-21.43	-27.43	-19.82	-13.95	-14.74	-14.72	-14.69	-17.72	-19.22	-21.81	-26.54	-38.08	-38.00	-24.53	-23.22	-28.39	-16.12	-17.64
ADK RESOURCE___RCVRY	26.27	23.93	21.32	20.56	21.01	22.29	29.40	34.61	28.23	23.27	24.04	23.84	23.89	26.41	27.38	30.14	36.11	48.55	49.37	44.21	43.25	38.53	27.27	25.36
23798	0.35	0.31	0.36	0.33	0.34	0.42	0.58	0.52	0.60	0.62	0.60	0.60	0.54	0.51	0.48	0.49	0.57	0.66	0.71	1.34	1.36	0.65	0.76	0.49
	-20.06	-18.48	-15.49	-15.14	-15.59	-15.90	-21.45	-27.45	-19.84	-13.96	-14.75	-14.73	-14.71	-17.74	-19.24	-21.84	-26.58	-38.14	-38.06	-24.56	-23.24	-28.42	-16.13	-17.65
ADK S GLENS___FALLS	26.23	23.89	21.29	20.52	20.98	22.25	29.34	34.53	28.16	23.21	23.97	23.78	23.83	26.35	27.32	30.07	36.02	48.42	49.26	44.06	43.08	38.44	27.19	25.31
24028	0.33	0.29	0.34	0.31	0.32	0.39	0.53	0.47	0.55	0.56	0.55	0.55	0.49	0.47	0.44	0.44	0.52	0.59	0.65	1.21	1.21	0.60	0.70	0.45
	-20.04	-18.46	-15.48	-15.13	-15.58	-15.89	-21.43	-27.43	-19.82	-13.95	-14.74	-14.72	-14.69	-17.72	-19.22	-21.81	-26.54	-38.08	-38.00	-24.53	-23.22	-28.39	-16.12	-17.64
ADK_NYS___DAM	25.35	23.09	20.57	19.83	20.26	21.48	28.28	33.22	27.04	22.44	23.18	22.96	23.07	25.29	26.07	28.44	33.74	44.68	46.04	42.10	41.73	37.10	26.31	24.46
23527	0.27	0.23	0.25	0.23	0.23	0.27	0.34	0.27	0.33	0.37	0.35	0.33	0.32	0.31	0.30	0.30	0.36	0.40	0.45	0.79	0.80	0.41	0.47	0.32
	-19.23	-17.71	-14.85	-14.52	-14.95	-15.25	-20.56	-26.32	-18.92	-13.38	-14.14	-14.12	-14.10	-16.82	-18.11	-20.31	-24.42	-34.54	-34.99	-23.00	-22.28	-27.24	-15.47	-16.92
AIR_PRODUCTS___DRP	25.36	23.10	20.57	19.83	20.26	21.48	28.28	33.24	27.16	22.43	23.19	22.98	23.09	25.52	26.45	29.14	34.92	46.91	47.67	42.66	41.70	37.13	26.30	24.47
24190	0.23	0.21	0.22	0.20	0.20	0.24	0.30	0.25	0.30	0.33	0.33	0.32	0.32	0.31	0.29	0.31	0.36	0.39	0.41	0.71	0.73	0.38	0.43	0.30
	-19.26	-17.75	-14.88	-14.55	-14.97	-15.27	-20.60	-26.37	-19.06	-13.41	-14.17	-14.15	-14.13	-17.05	-18.50	-21.02	-25.60	-36.77	-36.66	-23.62	-22.32	-27.29	-15.50	-16.96
AKWESSNE_115KV_BK	5.71	5.03	5.33	4.98	4.98	5.83	7.24	6.52	7.67	8.54	8.52	8.34	8.51	8.01	7.51	7.66	8.77	9.57	10.42	17.95	18.27	9.28	10.15	7.04
355683	-0.15	-0.12	-0.14	-0.10	-0.10	-0.13	-0.14	-0.11	-0.12	-0.15	-0.17	-0.17	-0.14	-0.15	-0.15	-0.16	-0.19	-0.18	-0.18	-0.37	-0.37	-0.18	-0.23	-0.17
	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	0.00	0.00	0.00
ALBANY___1	25.36	23.10	20.57	19.83	20.26	21.48	28.28	33.24	27.16	22.43	23.19	22.98	23.09	25.52	26.45	29.14	34.92	46.91	47.67	42.66	41.70	37.13	26.30	24.47
23571	0.23	0.21	0.22	0.20	0.20	0.24	0.30	0.25	0.30	0.33	0.33	0.32	0.32	0.31	0.29	0.31	0.36	0.39	0.41	0.71	0.73	0.38	0.43	0.30
	-19.26	-17.75	-14.88	-14.55	-14.97	-15.27	-20.60	-26.37	-19.06	-13.41	-14.17	-14.15	-14.13	-17.05	-18.50	-21.02	-25.60	-36.77	-36.66	-23.62	-22.32	-27.29	-15.50	-16.96
ALBANY___2	25.36	23.10	20.57	19.83	20.26	21.48	28.28	33.24	27.16	22.43	23.19	22.98	23.09	25.52	26.45	29.14	34.92	46.91	47.67	42.66	41.70	37.13	26.30	24.47
23572	0.23	0.21	0.22	0.20	0.20	0.24	0.30	0.25	0.30	0.33	0.33	0.32	0.32	0.31	0.29	0.31	0.36	0.39	0.41	0.71	0.73	0.38	0.43	0.30
	-19.26	-17.75	-14.88	-14.55	-14.97	-15.27	-20.60	-26.37	-19.06	-13.41	-14.17	-14.15	-14.13	-17.05	-18.50	-21.02	-25.60	-36.77	-36.66	-23.62	-22.32	-27.29	-15.50	-16.96
ALBANY___3	25.36	23.10	20.57	19.83	20.26	21.48	28.28	33.24	27.16	22.43	23.19	22.98	23.09	25.52	26.45	29.14	34.92	46.91	47.67	42.66	41.70	37.13	26.30	24.47
23573	0.23	0.21	0.22	0.20	0.20	0.24	0.30	0.25	0.30	0.33	0.33	0.32	0.32	0.31	0.29	0.31	0.36	0.39	0.41	0.71	0.73	0.38	0.43	0.30
	-19.26	-17.75	-14.88	-14.55	-14.97	-15.27	-20.60	-26.37	-19.06	-13.41	-14.17	-14.15	-14.13	-17.05	-18.50	-21.02	-25.60	-36.77	-36.66	-23.62	-22.32	-27.29	-15.50	-16.96

ALBANY___4 23574	25.36 0.23 -19.26	23.10 0.21 -17.75	20.57 0.22 -14.88	19.83 0.20 -14.55	20.26 0.20 -14.97	21.48 0.24 -15.27	28.28 0.30 -20.60	33.24 0.25 -26.37	27.16 0.30 -19.06	22.43 0.33 -13.41	23.19 0.33 -14.17	22.98 0.32 -14.15	23.09 0.32 -14.13	25.52 0.31 -17.05	26.45 0.29 -18.50	29.14 0.31 -21.02	34.92 0.36 -25.60	46.91 0.39 -36.77	47.67 0.41 -36.66	42.66 0.71 -23.62	41.70 0.73 -22.32	37.13 0.38 -27.29	26.30 0.43 -15.50	24.47 0.30 -16.96
ALBANY___LFGE 323615	25.73 0.27 -19.61	23.44 0.24 -18.06	20.86 0.25 -15.15	20.11 0.23 -14.80	20.56 0.23 -15.24	21.79 0.27 -15.55	28.69 0.35 -20.97	33.77 0.30 -26.84	27.56 0.36 -19.41	22.73 0.39 -13.65	23.49 0.38 -14.42	23.29 0.38 -14.40	23.41 0.38 -14.38	25.89 0.37 -17.36	26.86 0.35 -18.84	29.60 0.37 -21.41	35.47 0.42 -26.10	47.71 0.47 -37.50	48.47 0.50 -37.36	43.25 0.86 -24.07	42.24 0.88 -22.72	37.68 0.44 -27.78	26.65 0.50 -15.77	24.81 0.34 -17.26
ALCOA_PA_115KV_PL-6C 55860	5.74 -0.12 0.00	5.05 -0.09 0.00	5.35 -0.11 0.00	5.01 -0.07 0.00	5.01 -0.08 0.00	5.86 -0.10 0.00	7.28 -0.10 0.00	6.56 -0.07 0.00	7.71 -0.09 0.00	8.60 -0.10 0.00	8.56 -0.13 0.00	8.37 -0.14 0.00	8.55 -0.10 0.00	8.04 -0.12 0.00	7.51 -0.15 0.00	7.66 -0.16 0.00	8.78 -0.18 0.00	9.61 -0.14 0.00	10.47 -0.14 0.00	18.01 -0.31 0.00	18.37 -0.28 0.00	9.33 -0.13 0.00	10.21 -0.17 0.00	7.08 -0.13 0.00
ALCOA_RYNLDS___DRP 24188	5.74 -0.12 0.00	5.05 -0.09 0.00	5.35 -0.11 0.00	5.01 -0.07 0.00	5.01 -0.08 0.00	5.86 -0.10 0.00	7.28 -0.10 0.00	6.56 -0.07 0.00	7.71 -0.09 0.00	8.60 -0.10 0.00	8.56 -0.13 0.00	8.37 -0.14 0.00	8.55 -0.10 0.00	8.04 -0.12 0.00	7.51 -0.15 0.00	7.66 -0.16 0.00	8.78 -0.18 0.00	9.61 -0.14 0.00	10.47 -0.14 0.00	18.01 -0.31 0.00	18.37 -0.28 0.00	9.33 -0.13 0.00	10.21 -0.17 0.00	7.08 -0.13 0.00
ALCOA___DSASP 323711	5.74 -0.12 0.00	5.05 -0.09 0.00	5.35 -0.11 0.00	5.01 -0.07 0.00	5.01 -0.08 0.00	5.86 -0.10 0.00	7.28 -0.10 0.00	6.56 -0.07 0.00	7.71 -0.09 0.00	8.60 -0.10 0.00	8.58 -0.10 0.00	8.37 -0.14 0.00	8.56 -0.09 0.00	8.04 -0.11 0.00	7.51 -0.15 0.00	7.66 -0.16 0.00	8.78 -0.18 0.00	9.61 -0.14 0.00	10.47 -0.14 0.00	18.01 -0.31 0.00	18.37 -0.28 0.00	9.33 -0.13 0.00	10.21 -0.17 0.00	7.08 -0.13 0.00
ALLEGHENY___COGEN 23514	9.02 0.40 -2.76	8.02 0.33 -2.55	7.99 0.39 -2.13	7.46 0.29 -2.09	7.55 0.32 -2.15	8.58 0.43 -2.19	10.89 0.56 -2.95	10.83 0.42 -3.78	11.10 0.36 -2.95	10.96 0.20 -2.07	11.09 0.22 -2.18	10.92 0.23 -2.18	10.99 0.16 -2.18	10.99 0.19 -2.65	10.75 0.20 -2.89	11.35 0.22 -3.31	13.31 0.30 -4.06	15.97 0.33 -5.89	16.94 0.52 -5.81	23.12 1.10 -3.70	23.28 1.19 -3.43	14.27 0.61 -4.21	13.42 0.65 -2.39	10.40 0.57 -2.61
ALTAMONT_115KV_TB 2 55880	25.38 0.21 -19.31	23.13 0.19 -17.80	20.58 0.20 -14.92	19.84 0.18 -14.58	20.28 0.18 -15.01	21.49 0.21 -15.32	28.29 0.26 -20.66	33.29 0.22 -26.44	27.19 0.26 -19.14	22.43 0.30 -13.45	23.19 0.30 -14.21	22.98 0.29 -14.18	23.10 0.29 -14.16	25.58 0.28 -17.14	26.55 0.26 -18.63	29.30 0.27 -21.22	35.18 0.31 -25.91	47.41 0.33 -37.33	48.06 0.36 -37.10	42.77 0.64 -23.81	41.68 0.65 -22.38	37.15 0.33 -27.37	26.29 0.37 -15.54	24.48 0.26 -17.00
ALTONA_WT_PWR 323606	5.82 -0.03 0.00	5.11 -0.03 0.00	5.43 -0.04 0.00	5.08 0.00 0.00	5.09 0.01 0.00	5.97 0.01 0.00	7.44 0.07 0.00	6.76 0.13 0.00	7.96 0.16 0.00	8.83 0.14 0.00	8.86 0.17 0.00	8.64 0.14 0.00	8.85 0.20 0.00	8.31 0.15 0.00	7.78 0.12 0.00	7.93 0.11 0.00	9.09 0.13 0.00	9.99 0.24 0.00	10.89 0.29 0.00	18.70 0.39 0.00	19.04 0.39 0.00	9.62 0.16 0.00	10.45 0.07 0.00	7.26 0.04 0.00
AMERICAN_REF_FUEL 24010	8.45 -0.13 -2.73	7.55 -0.11 -2.51	7.50 -0.07 -2.11	7.04 -0.10 -2.06	7.13 -0.08 -2.12	7.99 -0.14 -2.16	10.03 -0.27 -2.92	9.95 -0.41 -3.73	10.00 -0.51 -2.72	10.00 -0.59 -1.90	10.12 -0.57 -2.01	9.99 -0.53 -2.01	10.04 -0.61 -2.00	10.07 -0.53 -2.44	9.82 -0.50 -2.66	10.32 -0.56 -3.05	12.07 -0.64 -3.75	14.39 -0.80 -5.44	15.12 -0.86 -5.37	20.14 -1.59 -3.42	20.14 -1.68 -3.17	12.64 -0.69 -3.87	11.97 -0.61 -2.20	9.43 -0.19 -2.41
ARKWRIGHT___SUMMIT_WT_PWR 323751	9.03 0.10 -3.08	8.09 0.11 -2.83	7.99 0.15 -2.38	7.51 0.11 -2.32	7.60 0.12 -2.39	8.55 0.14 -2.44	10.79 0.12 -3.29	10.79 -0.05 -4.21	10.82 -0.06 -3.10	10.77 -0.09 -2.17	10.92 -0.06 -2.29	10.77 -0.03 -2.29	10.83 -0.10 -2.28	10.89 -0.05 -2.78	10.64 -0.05 -3.03	11.19 -0.11 -3.48	13.11 -0.12 -4.27	15.70 -0.24 -6.20	16.50 -0.22 -6.12	21.72 -0.49 -3.89	21.65 -0.61 -3.61	13.67 -0.20 -4.42	12.75 -0.14 -2.51	10.04 0.09 -2.74
ARTHUR_KILL_GT_1 23520	21.84 0.45 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.16 0.35 -11.73	17.52 0.35 -12.08	18.67 0.38 -12.32	24.47 0.47 -16.62	28.35 0.44 -21.28	23.88 0.55 -15.54	20.14 0.63 -10.83	20.75 0.63 -11.44	20.55 0.62 -11.42	20.69 0.64 -11.40	22.80 0.60 -14.04	23.65 0.56 -15.44	26.27 0.55 -17.90	31.83 0.61 -22.26	43.16 0.70 -32.72	43.15 0.73 -31.82	39.42 1.23 -19.88	37.88 1.23 -18.00	32.12 0.63 -22.03	23.66 0.78 -12.50	21.45 0.55 -13.69
ARTHUR_KILL_2 23512	21.82 0.43 -15.54	19.82 0.36 -14.32	17.82 0.35 -12.00	17.14 0.33 -11.73	17.51 0.34 -12.08	18.66 0.37 -12.32	24.45 0.45 -16.62	28.33 0.42 -21.28	23.86 0.53 -15.54	20.13 0.61 -10.83	20.73 0.61 -11.44	20.52 0.60 -11.42	20.68 0.62 -11.40	22.79 0.59 -14.04	23.63 0.54 -15.44	26.25 0.52 -17.90	31.80 0.58 -22.26	43.13 0.67 -32.72	43.12 0.70 -31.82	39.37 1.17 -19.88	37.83 1.18 -18.00	32.10 0.61 -22.03	23.64 0.76 -12.50	21.43 0.53 -13.69
ARTHUR_KILL_3 23513	21.78 0.38 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.12 0.31 -11.73	17.49 0.32 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.33 0.43 -21.27	23.89 0.57 -15.53	20.17 0.66 -10.82	20.76 0.64 -11.43	20.57 0.65 -11.41	20.73 0.68 -11.40	22.82 0.63 -14.03	23.67 0.58 -15.43	26.27 0.56 -17.89	31.82 0.61 -22.25	43.12 0.65 -32.73	43.14 0.71 -31.82	39.41 1.21 -19.88	37.87 1.21 -18.01	32.09 0.61 -22.02	23.59 0.71 -12.50	21.38 0.48 -13.69
ARTHUR_KILL_COGEN 323718	21.84 0.45 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.16 0.35 -11.73	17.52 0.35 -12.08	18.67 0.38 -12.32	24.47 0.47 -16.62	28.35 0.44 -21.28	23.88 0.55 -15.54	20.14 0.63 -10.83	20.75 0.63 -11.44	20.55 0.62 -11.42	20.69 0.64 -11.40	22.80 0.60 -14.04	23.65 0.56 -15.44	26.27 0.55 -17.90	31.83 0.61 -22.26	43.16 0.70 -32.72	43.15 0.73 -31.82	39.42 1.23 -19.88	37.88 1.23 -18.00	32.12 0.63 -22.03	23.66 0.78 -12.50	21.45 0.55 -13.69
ASHOKAN____ 23654	23.14 0.13 -17.14	21.05 0.11 -15.79	18.82 0.11 -13.24	18.13 0.10 -12.94	18.52 0.11 -13.33	19.69 0.13 -13.59	25.90 0.19 -18.33	30.24 0.14 -23.47	24.95 0.14 -17.02	20.79 0.17 -11.93	21.41 0.12 -12.60	21.18 0.09 -12.58	21.32 0.10 -12.56	23.57 0.12 -15.29	24.46 0.12 -16.68	27.06 0.12 -19.11	32.64 0.20 -23.48	44.07 0.25 -34.07	44.54 0.33 -33.61	40.27 0.57 -21.38	39.10 0.60 -19.85	33.95 0.22 -24.28	24.46 0.30 -13.78	22.47 0.17 -15.08

ASTORIA_EAST_ENERGY_CC1 323581	21.84 0.44 -15.54	19.88 0.42 -14.32	17.92 0.45 -12.00	17.24 0.42 -11.73	17.60 0.43 -12.08	18.66 0.37 -12.32	24.34 0.34 -16.62	28.14 0.25 -21.26	23.67 0.35 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.31 0.40 -11.41	20.47 0.43 -11.39	22.59 0.41 -14.03	23.45 0.37 -15.42	26.06 0.35 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.86 0.39 -22.01	23.46 0.58 -12.50	21.40 0.50 -13.69
ASTORIA_EAST_ENERGY_CC2 323582	21.84 0.44 -15.54	19.88 0.42 -14.32	17.92 0.45 -12.00	17.24 0.42 -11.73	17.60 0.43 -12.08	18.66 0.37 -12.32	24.34 0.34 -16.62	28.14 0.25 -21.26	23.67 0.35 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.31 0.40 -11.41	20.47 0.43 -11.39	22.59 0.41 -14.03	23.45 0.37 -15.42	26.06 0.35 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.86 0.39 -22.01	23.46 0.58 -12.50	21.40 0.50 -13.69
ASTORIA_GT2_1 24094	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA_GT2_2 24095	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA_GT2_3 24096	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA_GT2_4 24097	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA_GT3_1 24098	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA_GT3_2 24099	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA_GT3_3 24100	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA_GT3_4 24101	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA_GT4_1 24102	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA_GT4_2 24103	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA_GT4_3 24104	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA_GT4_4 24105	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA_GT_1 23523	21.85 0.45 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.25 0.43 -11.73	17.60 0.44 -12.08	18.67 0.38 -12.32	24.34 0.35 -16.62	28.16 0.27 -21.26	23.68 0.37 -15.52	19.94 0.43 -10.81	20.53 0.42 -11.42	20.34 0.43 -11.41	20.49 0.45 -11.39	22.61 0.42 -14.03	23.47 0.39 -15.42	26.08 0.38 -17.88	31.60 0.40 -22.24	42.91 0.45 -32.72	42.91 0.49 -31.82	39.00 0.81 -19.88	37.47 0.82 -18.00	31.88 0.41 -22.01	23.48 0.60 -12.50	21.41 0.51 -13.69

ASTORIA_GT_10 24110	21.81 0.42 -15.54	19.82 0.35 -14.32	17.83 0.36 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.49 -16.62	28.38 0.47 -21.28	23.93 0.60 -15.54	20.21 0.70 -10.83	20.80 0.68 -11.44	20.61 0.68 -11.42	20.77 0.72 -11.40	25.76 0.67 -16.93	23.72 0.62 -15.44	26.33 0.61 -17.90	31.89 0.67 -22.26	43.21 0.74 -32.73	43.21 0.78 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.64 0.76 -12.50	21.42 0.52 -13.69
ASTORIA_GT_11 24225	21.81 0.42 -15.54	19.82 0.35 -14.32	17.83 0.36 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.49 -16.62	28.38 0.47 -21.28	23.93 0.60 -15.54	20.21 0.70 -10.83	20.80 0.68 -11.44	20.61 0.68 -11.42	20.77 0.72 -11.40	25.76 0.67 -16.93	23.72 0.62 -15.44	26.33 0.61 -17.90	31.89 0.67 -22.26	43.21 0.74 -32.73	43.21 0.78 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.64 0.76 -12.50	21.42 0.52 -13.69
ASTORIA_GT_12 24226	21.81 0.42 -15.54	19.82 0.35 -14.32	17.83 0.36 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.49 -16.62	28.38 0.47 -21.28	23.93 0.60 -15.54	20.21 0.70 -10.83	20.80 0.68 -11.44	20.61 0.68 -11.42	20.77 0.72 -11.40	25.76 0.67 -16.93	23.72 0.62 -15.44	26.33 0.61 -17.90	31.89 0.67 -22.26	43.21 0.74 -32.73	43.21 0.78 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.64 0.76 -12.50	21.42 0.52 -13.69
ASTORIA_GT_13 24227	21.81 0.42 -15.54	19.82 0.35 -14.32	17.83 0.36 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.49 -16.62	28.38 0.47 -21.28	23.93 0.60 -15.54	20.21 0.70 -10.83	20.80 0.68 -11.44	20.61 0.68 -11.42	20.77 0.72 -11.40	25.76 0.67 -16.93	23.72 0.62 -15.44	26.33 0.61 -17.90	31.89 0.67 -22.26	43.21 0.74 -32.73	43.21 0.78 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.64 0.76 -12.50	21.42 0.52 -13.69
ASTORIA_GT_5 24106	21.85 0.45 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.25 0.43 -11.73	17.60 0.44 -12.08	18.67 0.38 -12.32	24.34 0.35 -16.62	28.16 0.27 -21.26	23.68 0.37 -15.52	19.94 0.43 -10.81	20.53 0.42 -11.42	20.34 0.43 -11.41	20.49 0.45 -11.39	22.61 0.42 -14.03	23.47 0.39 -15.42	26.08 0.38 -17.88	31.60 0.40 -22.24	42.91 0.45 -32.72	42.91 0.49 -31.82	39.00 0.81 -19.88	37.47 0.82 -18.00	31.88 0.41 -22.01	23.48 0.60 -12.50	21.41 0.51 -13.69
ASTORIA_GT_7 24107	21.85 0.45 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.25 0.43 -11.73	17.60 0.44 -12.08	18.67 0.38 -12.32	24.34 0.35 -16.62	28.16 0.27 -21.26	23.68 0.37 -15.52	19.94 0.43 -10.81	20.53 0.42 -11.42	20.34 0.43 -11.41	20.49 0.45 -11.39	22.61 0.42 -14.03	23.47 0.39 -15.42	26.08 0.38 -17.88	31.60 0.40 -22.24	42.91 0.45 -32.72	42.91 0.49 -31.82	39.00 0.81 -19.88	37.47 0.82 -18.00	31.88 0.41 -22.01	23.48 0.60 -12.50	21.41 0.51 -13.69
ASTORIA_GT_8 24108	21.85 0.45 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.25 0.43 -11.73	17.60 0.44 -12.08	18.67 0.38 -12.32	24.34 0.35 -16.62	28.16 0.27 -21.26	23.68 0.37 -15.52	19.94 0.43 -10.81	20.53 0.42 -11.42	20.34 0.43 -11.41	20.49 0.45 -11.39	22.61 0.42 -14.03	23.47 0.39 -15.42	26.08 0.38 -17.88	31.60 0.40 -22.24	42.91 0.45 -32.72	42.91 0.49 -31.82	39.00 0.81 -19.88	37.47 0.82 -18.00	31.88 0.41 -22.01	23.48 0.60 -12.50	21.41 0.51 -13.69
ASTORIA___2 24149	21.84 0.44 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.24 0.43 -11.73	17.60 0.43 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.15 0.26 -21.26	23.67 0.36 -15.52	19.92 0.42 -10.81	20.51 0.40 -11.42	20.32 0.41 -11.41	20.48 0.44 -11.39	22.59 0.41 -14.03	23.45 0.38 -15.42	26.07 0.36 -17.88	31.59 0.38 -22.24	42.89 0.43 -32.72	42.89 0.47 -31.82	38.96 0.77 -19.88	37.43 0.78 -18.00	31.87 0.40 -22.01	23.47 0.59 -12.50	21.41 0.50 -13.69
ASTORIA___3 23516	21.81 0.42 -15.54	19.82 0.35 -14.32	17.83 0.36 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.49 -16.62	28.38 0.47 -21.28	23.93 0.60 -15.54	20.21 0.70 -10.83	20.80 0.68 -11.44	20.61 0.68 -11.42	20.77 0.72 -11.40	25.76 0.67 -16.93	23.72 0.62 -15.44	26.33 0.61 -17.90	31.89 0.67 -22.26	43.21 0.74 -32.73	43.21 0.78 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.64 0.76 -12.50	21.42 0.52 -13.69
ASTORIA___4 23517	21.81 0.42 -15.54	19.82 0.35 -14.32	17.83 0.36 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.49 -16.62	28.38 0.47 -21.28	23.93 0.60 -15.54	20.21 0.70 -10.83	20.81 0.69 -11.44	20.61 0.68 -11.42	20.77 0.72 -11.40	25.76 0.67 -16.93	23.72 0.62 -15.44	26.33 0.61 -17.90	31.89 0.67 -22.26	43.21 0.74 -32.73	43.21 0.78 -31.82	39.52 1.32 -19.88	37.98 1.32 -18.01	32.18 0.69 -22.03	23.64 0.76 -12.50	21.42 0.52 -13.69
ASTORIA___5 23518	21.81 0.42 -15.54	19.82 0.35 -14.32	17.83 0.36 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.49 -16.62	28.38 0.47 -21.28	23.93 0.60 -15.54	20.21 0.70 -10.83	20.80 0.68 -11.44	20.61 0.68 -11.42	20.77 0.72 -11.40	25.76 0.67 -16.93	23.72 0.62 -15.44	26.33 0.61 -17.90	31.89 0.67 -22.26	43.21 0.74 -32.73	43.21 0.78 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.64 0.76 -12.50	21.42 0.52 -13.69
AST_ENERGY_2_CC3 323677	21.78 0.38 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.32 -12.08	18.65 0.36 -12.32	24.44 0.44 -16.62	28.30 0.42 -21.25	23.85 0.55 -15.52	20.15 0.64 -10.82	20.74 0.63 -11.43	20.54 0.62 -11.41	20.70 0.66 -11.40	22.81 0.62 -14.03	23.64 0.57 -15.41	26.24 0.55 -17.88	31.79 0.60 -22.24	43.13 0.67 -32.71	43.13 0.72 -31.81	39.40 1.21 -19.87	37.87 1.23 -17.99	32.08 0.61 -22.00	23.57 0.68 -12.50	21.38 0.48 -13.69
AST_ENERGY_2_CC4 323678	21.78 0.38 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.32 -12.08	18.65 0.36 -12.32	24.44 0.44 -16.62	28.30 0.42 -21.25	23.85 0.55 -15.52	20.15 0.64 -10.82	20.74 0.63 -11.43	20.54 0.62 -11.41	20.70 0.66 -11.40	22.81 0.62 -14.03	23.64 0.57 -15.41	26.24 0.55 -17.88	31.79 0.60 -22.24	43.13 0.67 -32.71	43.13 0.72 -31.81	39.40 1.21 -19.87	37.87 1.23 -17.99	32.08 0.61 -22.00	23.57 0.68 -12.50	21.38 0.48 -13.69
ATHENS_STG_1 23668	23.54 0.21 -17.47	21.42 0.18 -16.10	19.15 0.19 -13.50	18.45 0.17 -13.19	18.84 0.18 -13.58	20.03 0.21 -13.85	26.31 0.25 -18.68	30.76 0.22 -23.91	25.45 0.27 -17.38	21.17 0.31 -12.16	21.85 0.31 -12.85	21.65 0.31 -12.83	21.77 0.31 -12.81	24.09 0.30 -15.63	25.03 0.28 -17.09	27.73 0.28 -19.63	33.47 0.32 -24.19	45.30 0.34 -35.21	45.59 0.37 -34.61	40.87 0.62 -21.93	39.53 0.63 -20.25	34.54 0.33 -24.76	24.81 0.37 -14.06	22.85 0.25 -15.38
ATHENS_STG_2 23670	23.54 0.21 -17.47	21.42 0.18 -16.10	19.15 0.19 -13.50	18.45 0.17 -13.19	18.84 0.18 -13.58	20.03 0.21 -13.85	26.31 0.25 -18.68	30.76 0.22 -23.91	25.45 0.27 -17.38	21.17 0.31 -12.16	21.85 0.31 -12.85	21.65 0.31 -12.83	21.77 0.31 -12.81	24.09 0.30 -15.63	25.03 0.28 -17.09	27.73 0.28 -19.63	33.47 0.32 -24.19	45.30 0.34 -35.21	45.59 0.37 -34.61	40.87 0.62 -21.93	39.53 0.63 -20.25	34.54 0.33 -24.76	24.81 0.37 -14.06	22.85 0.25 -15.38

ATHENS_STG_3 23677	23.54 0.21 -17.47	21.42 0.18 -16.10	19.15 0.19 -13.50	18.45 0.17 -13.19	18.84 0.18 -13.58	20.03 0.21 -13.85	26.31 0.25 -18.68	30.76 0.22 -23.91	25.45 0.27 -17.38	21.17 0.31 -12.16	21.85 0.31 -12.85	21.65 0.31 -12.83	21.77 0.31 -12.81	24.09 0.30 -15.63	25.03 0.28 -17.09	27.73 0.28 -19.63	33.47 0.32 -24.19	45.30 0.34 -35.21	45.59 0.37 -34.61	40.87 0.62 -21.93	39.53 0.63 -20.25	34.54 0.33 -24.76	24.81 0.37 -14.06	22.85 0.25 -15.38
AUBURN____LFGE 323710	8.21 0.07 -2.28	7.30 0.05 -2.10	7.29 0.07 -1.76	6.82 0.02 -1.72	6.89 0.03 -1.77	7.83 0.06 -1.81	9.91 0.10 -2.44	9.86 0.11 -3.12	10.04 0.05 -2.19	10.23 0.01 -1.53	10.39 0.08 -1.62	10.20 0.08 -1.62	10.31 0.04 -1.62	10.19 0.07 -1.97	9.87 0.07 -2.15	10.36 0.08 -2.46	12.07 0.09 -3.02	14.20 0.08 -4.38	15.01 0.08 -4.32	21.25 0.18 -2.75	21.44 0.24 -2.55	12.67 0.09 -3.12	12.20 0.05 -1.77	9.23 0.08 -1.94
BABYLON_RES_REC 323704	22.68 0.50 -16.32	19.88 0.42 -14.32	17.91 0.44 -12.01	17.22 0.40 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.18 0.58 -19.23	29.99 0.56 -22.80	30.74 0.70 -22.24	29.95 0.76 -20.50	30.29 0.74 -20.86	31.78 0.72 -22.55	32.23 0.74 -22.83	32.04 0.70 -23.18	34.06 0.64 -25.76	44.56 0.58 -36.16	45.43 0.67 -35.80	56.63 0.70 -46.19	50.39 0.76 -39.02	43.05 1.39 -23.34	39.89 1.42 -19.83	37.71 0.72 -27.54	32.28 0.82 -21.08	29.76 0.58 -21.97
BABYLON__69_KV_BK2 356345	22.73 0.55 -16.32	19.93 0.46 -14.32	17.95 0.48 -12.01	17.26 0.45 -11.74	17.64 0.47 -12.08	22.33 0.51 -15.85	27.24 0.63 -19.23	30.04 0.61 -22.80	30.80 0.76 -22.24	30.02 0.83 -20.50	30.35 0.80 -20.86	31.84 0.77 -22.55	32.29 0.80 -22.83	32.09 0.75 -23.18	34.11 0.70 -25.76	44.68 0.70 -36.16	45.57 0.81 -35.80	56.78 0.85 -46.19	50.56 0.93 -39.02	43.27 1.61 -23.34	40.11 1.64 -19.83	37.86 0.87 -27.54	32.36 0.90 -21.08	29.81 0.63 -21.97
BARON_WINDS____WT_PWR 323822	9.73 0.05 -3.82	8.71 0.05 -3.52	8.49 0.08 -2.95	8.00 0.04 -2.88	8.11 0.05 -2.97	9.05 0.05 -3.03	11.49 0.03 -4.08	11.78 -0.08 -5.23	11.53 -0.12 -3.86	11.25 -0.15 -2.70	11.40 -0.14 -2.85	11.25 -0.11 -2.85	11.33 -0.16 -2.85	11.50 -0.12 -3.46	11.33 -0.11 -3.78	12.04 -0.13 -4.35	14.17 -0.13 -5.34	17.28 -0.21 -7.75	18.04 -0.21 -7.65	22.78 -0.40 -4.87	22.72 -0.45 -4.52	14.79 -0.16 -5.50	13.40 -0.10 -3.12	10.70 0.07 -3.42
BARRETT_IC_1 23704	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BARRETT_IC_10 23701	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BARRETT_IC_11 23702	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BARRETT_IC_12 23703	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BARRETT_IC_2 23705	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BARRETT_IC_3 23706	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BARRETT_IC_4 23707	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BARRETT_IC_5 23708	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BARRETT_IC_6 23709	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BARRETT_IC_7 23710	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97

BARRETT_IC_8 23711	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BARRETT_IC_9 23700	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BARRETT___1 23545	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BARRETT___2 23546	22.68 0.50 -16.32	19.89 0.43 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.94 0.75 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.04 0.70 -23.18	34.05 0.64 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.68 0.75 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.72 0.73 -27.54	32.31 0.85 -21.08	29.78 0.59 -21.97
BATAVIA___115KV_TB1 55881	8.52 0.01 -2.66	7.60 0.01 -2.45	7.57 0.05 -2.05	7.10 0.02 -2.01	7.19 0.04 -2.07	8.09 0.02 -2.11	10.16 -0.06 -2.84	10.04 -0.23 -3.64	10.13 -0.30 -2.64	10.17 -0.37 -1.85	10.29 -0.36 -1.96	10.14 -0.32 -1.95	10.18 -0.42 -1.95	10.18 -0.35 -2.37	9.93 -0.32 -2.59	10.41 -0.38 -2.97	12.19 -0.41 -3.65	14.49 -0.55 -5.29	15.25 -0.57 -5.22	20.60 -1.04 -3.32	20.65 -1.08 -3.08	12.82 -0.41 -3.77	12.20 -0.32 -2.14	9.56 0.01 -2.34
BAYONEEC___CTG1 323682	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.38 -12.32	24.46 0.47 -16.62	28.34 0.44 -21.27	23.89 0.57 -15.53	20.17 0.66 -10.82	20.76 0.64 -11.43	20.57 0.65 -11.41	20.73 0.68 -11.40	22.83 0.64 -14.03	23.68 0.59 -15.43	26.28 0.57 -17.89	31.83 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.60 0.72 -12.50	21.39 0.48 -13.69
BAYONEEC___CTG10 323750	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.38 -12.32	24.46 0.47 -16.62	28.34 0.44 -21.27	23.89 0.57 -15.53	20.17 0.66 -10.82	20.76 0.64 -11.43	20.57 0.65 -11.41	20.73 0.68 -11.40	22.83 0.64 -14.03	23.68 0.59 -15.43	26.28 0.57 -17.89	31.83 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27			

BEACON___LESR 323632	25.37 0.29 -19.23	23.11 0.25 -17.72	20.59 0.27 -14.85	19.84 0.24 -14.52	20.28 0.24 -14.95	21.51 0.30 -15.25	28.32 0.38 -20.56	33.27 0.32 -26.32	27.20 0.38 -19.02	22.49 0.42 -13.38	23.23 0.40 -14.14	23.04 0.41 -14.12	23.15 0.41 -14.10	25.57 0.40 -17.01	26.48 0.38 -18.45	29.16 0.40 -20.95	34.92 0.47 -25.50	46.85 0.51 -36.60	47.64 0.53 -36.51	42.81 0.93 -23.55	41.88 0.95 -22.28	37.18 0.48 -27.24	26.39 0.54 -15.47	24.51 0.37 -16.93
BEAVER RIVER___HYD 24048	6.63 0.02 -0.74	5.86 0.03 -0.68	6.06 0.02 -0.57	5.62 -0.02 -0.56	5.66 -0.01 -0.58	6.57 0.02 -0.59	8.23 0.06 -0.79	7.68 0.03 -1.02	8.51 -0.02 -0.74	9.16 -0.05 -0.52	9.15 -0.08 -0.54	8.97 -0.09 -0.54	9.11 -0.08 -0.54	8.71 -0.11 -0.66	8.25 -0.13 -0.72	8.54 -0.10 -0.83	9.89 -0.08 -1.01	11.20 -0.02 -1.47	12.08 0.02 -1.45	19.48 0.24 -0.92	19.77 0.26 -0.86	10.58 0.08 -1.05	11.06 0.08 -0.60	7.92 0.05 -0.65
BEEBEE_GT_13 23619	8.08 0.03 -2.19	7.17 0.01 -2.02	7.20 0.04 -1.69	6.74 0.01 -1.65	6.81 0.02 -1.70	7.73 0.03 -1.74	9.74 0.01 -2.34	9.57 -0.06 -3.00	9.83 -0.11 -2.14	10.05 -0.15 -1.50	10.16 -0.11 -1.59	9.99 -0.10 -1.58	10.07 -0.16 -1.58	9.96 -0.12 -1.93	9.64 -0.11 -2.10	10.10 -0.13 -2.41	11.77 -0.14 -2.96	13.80 -0.23 -4.29	14.58 -0.25 -4.23	20.55 -0.46 -2.69	20.68 -0.47 -2.50	12.36 -0.15 -3.06	11.99 -0.12 -1.74	9.17 0.06 -1.90
BENSHRST_27_KV_BENSHRST_1 355998	21.85 0.45 -15.54	19.84 0.38 -14.32	17.85 0.38 -12.00	17.17 0.36 -11.73	17.53 0.36 -12.08	18.69 0.40 -12.32	24.50 0.50 -16.62	28.40 0.49 -21.28	23.95 0.62 -15.54	20.23 0.71 -10.83	20.83 0.70 -11.44	20.64 0.71 -11.42	20.79 0.74 -11.40	25.78 0.69 -16.93	23.74 0.64 -15.44	26.36 0.63 -17.90	31.91 0.70 -22.26	43.27 0.80 -32.73	43.28 0.85 -31.82	39.61 1.41 -19.88	38.08 1.42 -18.01	32.21 0.73 -22.03	23.70 0.82 -12.50	21.47 0.56 -13.69
BETHLEHEM___GRP 23843	25.36 0.23 -19.26	23.10 0.21 -17.75	20.57 0.22 -14.88	19.83 0.20 -14.55	20.26 0.20 -14.97	21.48 0.24 -15.27	28.28 0.30 -20.60	33.24 0.25 -26.37	27.16 0.30 -19.06	22.43 0.33 -13.41	23.19 0.33 -14.17	22.98 0.32 -14.15	23.09 0.32 -14.13	25.52 0.31 -17.05	26.45 0.29 -18.50	29.14 0.31 -21.02	34.92 0.36 -25.60	46.91 0.39 -36.77	47.67 0.41 -36.66	42.66 0.71 -23.62	41.70 0.73 -22.32	37.13 0.38 -27.29	26.30 0.43 -15.50	24.47 0.30 -16.96
BETHLEHEM___GS1 323560	25.36 0.23 -19.26	23.10 0.21 -17.75	20.57 0.22 -14.88	19.83 0.20 -14.55	20.26 0.20 -14.97	21.48 0.24 -15.27	28.28 0.30 -20.60	33.24 0.25 -26.37	27.16 0.30 -19.06	22.43 0.33 -13.41	23.19 0.33 -14.17	22.98 0.32 -14.15	23.09 0.32 -14.13	25.52 0.31 -17.05	26.45 0.29 -18.50	29.14 0.30 -21.01	34.91 0.36 -25.60	46.90 0.39 -36.76	47.67 0.41 -36.65	42.66 0.71 -23.62	41.70 0.73 -22.32	37.13 0.38 -27.29	26.30 0.43 -15.50	24.47 0.30 -16.96
BETHLEHEM___GS2 323561	25.36 0.23 -19.26	23.10 0.21 -17.75	20.57 0.22 -14.88	19.83 0.20 -14.55	20.26 0.20 -14.97	21.48 0.24 -15.27	28.28 0.30 -20.60	33.24 0.25 -26.37	27.16 0.30 -19.06	22.43 0.33 -13.41	23.19 0.33 -14.17	22.98 0.32 -14.15	23.09 0.32 -14.13	25.52 0.31 -17.05	26.45 0.29 -18.50	29.14 0.30 -21.01	34.91 0.36 -25.60	46.90 0.39 -36.76	47.67 0.41 -36.65	42.66 0.71 -23.62	41.70 0.73 -22.32	37.13 0.38 -27.29	26.30 0.43 -15.50	24.47 0.30 -16.96
BETHLEHEM___GS3 323562	25.36 0.23 -19.26	23.10 0.21 -17.75	20.57 0.22 -14.88	19.83 0.20 -14.55	20.26 0.20 -14.97	21.48 0.24 -15.27	28.28 0.30 -20.60	33.24 0.25 -26.37	27.16 0.30 -19.06	22.43 0.33 -13.41	23.19 0.33 -14.17	22.98 0.32 -14.15	23.09 0.32 -14.13	25.52 0.31 -17.05	26.45 0.29 -18.50	29.14 0.30 -21.01	34.91 0.36 -25.60	46.90 0.39 -36.76	47.67 0.41 -36.65	42.66 0.71 -23.62	41.70 0.73 -22.32	37.13 0.38 -27.29	26.30 0.43 -15.50	24.47 0.30 -16.96
BETHLEHEM___STEEL 23779	8.80 0.01 -2.93	7.86 0.02 -2.70	7.77 0.04 -2.27	7.30 0.01 -2.21	7.39 0.02 -2.28	8.30 0.01 -2.33	10.46 -0.05 -3.14	10.44 -0.21 -4.01	10.47 -0.26 -2.93	10.45 -0.30 -2.06	10.60 -0.26 -2.17	10.44 -0.24 -2.17	10.50 -0.31 -2.17	10.54 -0.25 -2.64	10.31 -0.23 -2.88	10.84 -0.28 -3.30	12.70 -0.31 -4.05	15.17 -0.46 -5.88	15.93 -0.48 -5.80	21.09 -0.92 -3.69	21.09 -0.99 -3.43	13.28 -0.37 -4.19	12.47 -0.29 -2.38	9.83 0.01 -2.60
BETHLHEM_115KV_TB1 79974	25.34 0.23 -19.26	23.09 0.20 -17.74	20.56 0.22 -14.88	19.82 0.20 -14.54	20.25 0.20 -14.97	21.47 0.23 -15.27	28.26 0.29 -20.60	33.23 0.25 -26.36	27.15 0.30 -19.06	22.43 0.33 -13.41	23.17 0.32 -14.16	22.97 0.32 -14.14	23.08 0.31 -14.12	25.51 0.30 -17.05	26.46 0.29 -18.51	29.15 0.30 -21.03	34.94 0.35 -25.63	46.95 0.37 -36.83	47.71 0.40 -36.70	42.65 0.70 -23.63	41.67 0.71 -22.31	37.11 0.37 -27.28	26.29 0.42 -15.49	24.45 0.29 -16.95
BETHPAGE_CC_5 323564	22.68 0.50 -16.32	19.88 0.42 -14.32	17.90 0.43 -12.01	17.22 0.40 -11.74	17.59 0.42 -12.08	22.28 0.47 -15.85	27.18 0.58 -19.23	29.97 0.54 -22.80	30.72 0.69 -22.24	29.95 0.76 -20.50	30.29 0.74 -20.86	31.78 0.72 -22.55	32.23 0.75 -22.83	32.05 0.71 -23.18	34.05 0.64 -25.76	44.59 0.61 -36.16	45.45 0.69 -35.80	56.67 0.74 -46.19	50.43 0.81 -39.02	43.05 1.39 -23.34	39.89 1.42 -19.83	37.72 0.73 -27.54	32.29 0.83 -21.08	29.76 0.57 -21.97
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	8.82 -0.01 -2.96	7.88 0.01 -2.73	7.79 0.03 -2.29	7.31 -0.01 -2.24	7.40 0.01 -2.30	8.31 0.00 -2.35	10.48 -0.07 -3.17	10.47 -0.21 -4.05	10.49 -0.26 -2.97	10.46 -0.31 -2.08	10.62 -0.27 -2.20	10.46 -0.25 -2.19	10.52 -0.32 -2.19	10.56 -0.26 -2.67	10.32 -0.25 -2.91	10.87 -0.29 -3.34	12.73 -0.32 -4.10	15.23 -0.47 -5.95	15.99 -0.49 -5.87	21.14 -0.92 -3.73	21.11 -1.01 -3.47	13.32 -0.38 -4.24	12.48 -0.30 -2.41	9.84 -0.01 -2.63
BINGHAMTON___COGEN 23790	11.16 0.11 -5.19	10.02 0.09 -4.78	9.58 0.10 -4.01	9.07 0.07 -3.92	9.20 0.08 -4.04	10.18 0.10 -4.12	13.05 0.12 -5.55	13.79 0.05 -7.11	13.05 0.05 -5.21	12.39 0.04 -3.65	12.60 0.05 -3.86	12.41 0.04 -3.85	12.52 0.03 -3.85	12.88 0.04 -4.68	12.81 0.05 -5.11	13.72 0.05 -5.85	16.21 0.06 -7.19	20.22 0.04 -10.44	20.95 0.05 -10.29	24.98 0.11 -6.55	24.84 0.11 -6.08	16.97 0.08 -7.44	14.70 0.10 -4.22	11.96 0.13 -4.62
BIXINCNT_115KV_LOAD 355685	8.97 0.01 -3.10	8.03 0.03 -2.86	7.92 0.05 -2.40	7.43 0.01 -2.34	7.52 0.03 -2.41	8.44 0.02 -2.46	10.66 -0.04 -3.32	10.70 -0.18 -4.25	10.70 -0.22 -3.12	10.62 -0.26 -2.19	10.78 -0.23 -2.31	10.61 -0.21 -2.31	10.68 -0.28 -2.31	10.75 -0.22 -2.81	10.51 -0.21 -3.06	11.08 -0.25 -3.51	13.00 -0.27 -4.32	15.61 -0.40 -6.26	16.38 -0.40 -6.18	21.50 -0.75 -3.93	21.46 -0.84 -3.65	13.58 -0.34 -4.46	12.63 -0.28 -2.53	9.99 0.00 -2.77
BLACK RIVER___HYD 24047	6.96 0.08 -1.02	6.16 0.07 -0.94	6.32 0.07 -0.79	5.86 0.00 -0.77	5.90 0.02 -0.80	6.84 0.06 -0.81	8.59 0.12 -1.10	8.11 0.07 -1.40	8.80 0.00 -1.01	9.37 -0.03 -0.71	9.38 -0.06 -0.75	9.19 -0.07 -0.75	9.32 -0.08 -0.75	8.97 -0.10 -0.91	8.54 -0.11 -0.99	8.89 -0.07 -1.13	10.31 -0.04 -1.39	11.81 0.04 -2.02	12.70 0.10 -2.00	20.06 0.48 -1.27	20.31 0.48 -1.18	11.05 0.15 -1.44	11.34 0.15 -0.82	8.22 0.11 -0.90

BLACKRVR_115KV_TB2 79977	6.96 0.08 -1.02	6.16 0.07 -0.94	6.32 0.07 -0.79	5.86 0.00 -0.77	5.90 0.02 -0.80	6.84 0.06 -0.81	8.59 0.12 -1.10	8.11 0.07 -1.41	8.80 0.00 -1.01	9.37 -0.03 -0.71	9.37 -0.06 -0.75	9.19 -0.07 -0.75	9.32 -0.08 -0.75	8.97 -0.10 -0.91	8.54 -0.11 -0.99	8.89 -0.07 -1.13	10.31 -0.04 -1.39	11.81 0.04 -2.02	12.70 0.10 -2.00	20.06 0.48 -1.27	20.31 0.48 -1.18	11.05 0.15 -1.44	11.34 0.15 -0.82	8.22 0.11 -0.90
BLISS_WT_PWR 323608	8.96 0.00 -3.10	8.03 0.03 -2.86	7.92 0.05 -2.40	7.43 0.01 -2.34	7.52 0.03 -2.41	8.44 0.02 -2.46	10.65 -0.04 -3.32	10.70 -0.17 -4.25	10.71 -0.21 -3.12	10.62 -0.26 -2.19	10.76 -0.24 -2.31	10.61 -0.20 -2.31	10.68 -0.28 -2.31	10.75 -0.21 -2.81	10.52 -0.20 -3.06	11.08 -0.25 -3.51	13.00 -0.27 -4.32	15.60 -0.40 -6.26	16.39 -0.39 -6.18	21.51 -0.73 -3.93	21.46 -0.84 -3.65	13.57 -0.34 -4.46	12.62 -0.29 -2.53	9.98 0.00 -2.77
BLUE_CIRC_CHEM_DRP 24182	25.03 0.24 -18.93	22.80 0.21 -17.45	20.32 0.23 -14.63	19.59 0.21 -14.30	20.01 0.21 -14.72	21.23 0.25 -15.01	27.94 0.31 -20.25	32.81 0.26 -25.92	26.85 0.30 -18.76	22.20 0.33 -13.18	22.94 0.32 -13.93	22.73 0.31 -13.90	22.84 0.31 -13.88	25.26 0.30 -16.80	26.21 0.29 -18.26	28.93 0.31 -20.80	34.71 0.35 -25.41	46.73 0.37 -36.61	47.38 0.40 -36.37	42.38 0.71 -23.35	41.30 0.71 -21.94	36.65 0.37 -26.83	26.03 0.42 -15.23	24.17 0.29 -16.67
BOC_GAS_DRP 24189	25.27 0.19 -19.22	23.03 0.17 -17.71	20.50 0.19 -14.85	19.76 0.17 -14.51	20.20 0.17 -14.94	21.40 0.20 -15.24	28.18 0.24 -20.56	33.15 0.21 -26.31	27.09 0.25 -19.05	22.35 0.28 -13.38	23.10 0.28 -14.14	22.90 0.27 -14.12	23.02 0.28 -14.09	25.48 0.26 -17.06	26.45 0.25 -18.54	29.20 0.26 -21.12	35.05 0.30 -25.80	47.23 0.31 -37.18	47.88 0.34 -36.93	42.61 0.59 -23.70	41.50 0.58 -22.27	36.99 0.30 -27.23	26.19 0.34 -15.46	24.37 0.24 -16.92
BOONVILLE_115KV_TB1 79983	6.61 0.10 -0.65	5.83 0.09 -0.60	6.05 0.09 -0.50	5.62 0.05 -0.49	5.65 0.06 -0.50	6.57 0.09 -0.51	8.21 0.13 -0.69	7.60 0.08 -0.89	8.50 0.06 -0.64	9.22 0.08 -0.45	9.20 0.03 -0.48	9.02 0.03 -0.48	9.16 0.03 -0.47	8.76 0.02 -0.58	8.30 0.02 -0.63	8.59 0.05 -0.72	9.92 0.08 -0.89	11.17 0.14 -1.29	12.03 0.16 -1.27	19.57 0.44 -0.81	19.83 0.43 -0.75	10.53 0.16 -0.92	11.09 0.19 -0.52	7.92 0.14 -0.57
BORALEX_4TH_BRANCH 23824	25.35 0.27 -19.23	23.09 0.23 -17.71	20.57 0.25 -14.85	19.83 0.23 -14.52	20.26 0.23 -14.95	21.48 0.27 -15.25	28.28 0.34 -20.56	33.22 0.27 -26.32	27.04 0.33 -18.92	22.44 0.37 -13.38	23.18 0.35 -14.14	22.96 0.33 -14.12	23.07 0.32 -14.10	25.29 0.31 -16.82	26.07 0.30 -18.11	28.44 0.30 -20.31	33.74 0.36 -24.42	44.68 0.40 -34.54	46.04 0.45 -34.99	42.10 0.79 -23.00	41.73 0.80 -22.28	37.10 0.41 -27.24	26.31 0.47 -15.47	24.46 0.32 -16.92
BOWLINE___1 23526	21.23 0.32 -15.05	19.29 0.28 -13.87	17.38 0.29 -11.63	16.71 0.26 -11.37	17.06 0.27 -11.70	18.21 0.31 -11.94	23.87 0.39 -16.10	27.59 0.36 -20.60	23.30 0.46 -15.04	19.70 0.53 -10.48	20.28 0.52 -11.07	20.09 0.53 -11.06	20.24 0.55 -11.04	22.28 0.53 -13.59	23.09 0.49 -14.94	25.63 0.49 -17.32	31.04 0.55 -21.53	42.00 0.59 -31.66	42.05 0.65 -30.80	38.67 1.10 -19.25	37.21 1.12 -17.45	31.34 0.55 -21.33	23.08 0.59 -12.11	20.86 0.40 -13.25
BOWLINE___2 23595	21.23 0.32 -15.05	19.29 0.28 -13.87	17.38 0.29 -11.63	16.71 0.26 -11.37	17.06 0.27 -11.70	18.21 0.31 -11.94	23.87 0.39 -16.10	27.59 0.36 -20.61	23.30 0.46 -15.05	19.70 0.53 -10.48	20.28 0.52 -11.07	20.09 0.53 -11.06	20.24 0.55 -11.04	22.28 0.53 -13.59	23.09 0.49 -14.94	25.63 0.49 -17.32	31.04 0.55 -21.54	42.00 0.59 -31.66	42.05 0.65 -30.80	38.67 1.10 -19.25	37.21 1.12 -17.45	31.34 0.55 -21.33	23.08 0.59 -12.11	20.86 0.40 -13.25
BRADY___115KV_TB2 356060	5.76 -0.09 0.00	5.08 -0.07 0.00	5.38 -0.09 0.00	5.02 -0.06 0.00	5.03 -0.06 0.00	5.89 -0.07 0.00	7.33 -0.05 0.00	6.60 -0.03 0.00	7.74 -0.05 0.00	8.62 -0.07 0.00	8.58 -0.10 0.00	8.39 -0.12 0.00	8.58 -0.07 0.00	8.05 -0.11 0.00	7.51 -0.15 0.00	7.67 -0.15 0.00	8.79 -0.16 0.00	9.65 -0.10 0.00	10.51 -0.10 0.00	18.14 -0.18 0.00	18.50 -0.15 0.00	9.38 -0.08 0.00	10.26 -0.11 0.00	7.11 -0.10 0.00
BRANSCOMB___SOLAR 323811	26.04 0.29 -19.89	23.72 0.26 -18.32	21.12 0.29 -15.36	20.36 0.26 -15.02	20.81 0.27 -15.46	22.06 0.33 -15.77	29.08 0.43 -21.27	34.22 0.36 -27.22	27.86 0.40 -19.66	22.97 0.43 -13.84	23.73 0.42 -14.63	23.53 0.42 -14.60	23.62 0.39 -14.58	26.10 0.37 -17.57	27.05 0.35 -19.04	29.76 0.36 -21.58	35.61 0.42 -26.23	47.81 0.48 -37.59	48.69 0.52 -37.57	43.56 0.95 -24.29	42.70 1.01 -23.04	38.13 0.50 -28.18	26.96 0.58 -16.00	25.10 0.38 -17.50
BRENTWOD_69_KV_W. BRTWOOD 56703	22.70 0.52 -16.32	19.90 0.43 -14.32	17.92 0.45 -12.01	17.23 0.42 -11.74	17.61 0.44 -12.08	22.30 0.48 -15.85	27.20 0.59 -19.23	30.00 0.57 -22.80	30.75 0.72 -22.24	29.97 0.78 -20.50	30.30 0.75 -20.86	31.78 0.71 -22.55	32.23 0.74 -22.83	32.03 0.69 -23.18	34.06 0.64 -25.76	44.62 0.64 -36.16	45.52 0.76 -35.80	56.66 0.73 -46.19	50.42 0.80 -39.02	43.01 1.36 -23.34	39.85 1.38 -19.83	37.80 0.80 -27.54	32.27 0.81 -21.08	29.77 0.58 -21.97
BRISTLHL_115KV_TB1 79998	7.40 -0.05 -1.59	6.56 -0.05 -1.47	6.64 -0.05 -1.23	6.21 -0.08 -1.20	6.25 -0.07 -1.24	7.16 -0.07 -1.26	9.01 -0.07 -1.70	8.71 -0.10 -2.18	9.22 -0.14 -1.56	9.62 -0.17 -1.10	9.68 -0.17 -1.16	9.50 -0.16 -1.16	9.62 -0.18 -1.16	9.41 -0.16 -1.41	9.05 -0.14 -1.53	9.44 -0.14 -1.76	10.95 -0.16 -2.16	12.68 -0.19 -3.13	13.48 -0.21 -3.09	19.95 -0.33 -1.97	20.16 -0.32 -1.83	11.53 -0.16 -2.23	11.49 -0.16 -1.27	8.54 -0.06 -1.39
BROOKHAVEN___DRP 24191	22.67 0.49 -16.32	19.88 0.42 -14.32	17.92 0.45 -12.01	17.23 0.42 -11.74	17.61 0.44 -12.08	22.27 0.46 -15.85	27.15 0.54 -19.23	29.94 0.51 -22.80	30.69 0.65 -22.24	29.94 0.75 -20.50	30.17 0.62 -20.86	31.66 0.60 -22.55	32.10 0.62 -22.83	31.90 0.56 -23.18	33.94 0.53 -25.76	44.52 0.54 -36.16	45.40 0.64 -35.80	56.64 0.71 -46.19	50.41 0.78 -39.02	42.99 1.34 -23.34	39.82 1.34 -19.83	37.67 0.67 -27.54	32.13 0.67 -21.08	29.68 0.49 -21.97
BROOKLYN_NAVY_YARD 23515	21.77 0.37 -15.54	19.78 0.32 -14.32	17.80 0.33 -12.00	17.12 0.30 -11.73	17.48 0.31 -12.08	18.65 0.36 -12.32	24.45 0.46 -16.62	28.34 0.44 -21.27	23.90 0.58 -15.53	20.17 0.66 -10.82	20.75 0.63 -11.43	20.56 0.64 -11.41	20.71 0.67 -11.40	22.82 0.63 -14.03	23.66 0.57 -15.43	26.28 0.56 -17.89	31.83 0.62 -22.25	43.15 0.68 -32.73	43.16 0.73 -31.82	39.45 1.25 -19.88	37.91 1.25 -18.01	32.11 0.63 -22.02	23.59 0.71 -12.50	21.38 0.48 -13.69
BROOKLYN___ARMY_DRP 323595	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.59 0.66 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.61 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69

BROOKVLE_69_KV_TB1 55790	22.65 0.47 -16.32	19.86 0.40 -14.32	17.88 0.41 -12.01	17.20 0.38 -11.74	17.56 0.40 -12.08	22.25 0.44 -15.85	27.16 0.55 -19.23	29.95 0.52 -22.80	30.70 0.66 -22.24	29.93 0.74 -20.50	30.30 0.75 -20.86	31.80 0.74 -22.55	32.25 0.77 -22.83	32.07 0.73 -23.18	34.09 0.67 -25.76	44.66 0.67 -36.16	45.49 0.73 -35.80	56.74 0.81 -46.19	50.51 0.88 -39.02	43.14 1.48 -23.34	39.97 1.49 -19.83	37.75 0.76 -27.54	32.29 0.83 -21.08	29.75 0.56 -21.97
BROOME_2_LFGE 323671	11.16 0.11 -5.19	10.02 0.09 -4.78	9.58 0.10 -4.01	9.07 0.07 -3.92	9.20 0.08 -4.04	10.18 0.10 -4.12	13.05 0.12 -5.55	13.79 0.05 -7.11	13.05 0.05 -5.21	12.39 0.04 -3.65	12.59 0.04 -3.86	12.41 0.04 -3.85	12.52 0.03 -3.85	12.88 0.04 -4.68	12.82 0.05 -5.11	13.72 0.05 -5.85	16.21 0.06 -7.19	20.22 0.04 -10.44	20.95 0.05 -10.29	24.98 0.11 -6.55	24.84 0.11 -6.08	16.96 0.07 -7.44	14.71 0.10 -4.22	11.96 0.13 -4.62
BROOME___LFGE 323600	11.16 0.11 -5.19	10.02 0.09 -4.78	9.58 0.10 -4.01	9.07 0.07 -3.92	9.20 0.08 -4.04	10.18 0.10 -4.12	13.05 0.12 -5.55	13.79 0.05 -7.11	13.05 0.05 -5.21	12.39 0.04 -3.65	12.59 0.04 -3.86	12.41 0.04 -3.85	12.52 0.03 -3.85	12.88 0.04 -4.68	12.82 0.05 -5.11	13.72 0.05 -5.85	16.21 0.06 -7.19	20.22 0.04 -10.44	20.95 0.05 -10.29	24.98 0.11 -6.55	24.84 0.11 -6.08	16.96 0.07 -7.44	14.71 0.10 -4.22	11.96 0.13 -4.62
BROWNFLS_115KV_TB_3_5 80003	6.33 -0.05 -0.52	5.58 -0.04 -0.48	5.81 -0.05 -0.40	5.42 -0.06 -0.39	5.44 -0.05 -0.41	6.33 -0.05 -0.41	7.92 -0.02 -0.56	7.34 -0.01 -0.72	8.26 -0.05 -0.52	8.96 -0.10 -0.36	8.95 -0.12 -0.39	8.77 -0.13 -0.38	8.92 -0.11 -0.38	8.47 -0.16 -0.47	7.96 -0.21 -0.51	8.22 -0.19 -0.58	9.49 -0.19 -0.72	10.64 -0.15 -1.04	11.51 -0.13 -1.03	18.84 -0.13 -0.65	19.18 -0.07 -0.61	10.16 -0.04 -0.74	10.75 -0.05 -0.42	7.63 -0.04 -0.46
BROWNSV1_27_KV_LOAD 356125	21.82 0.42 -15.54	19.83 0.37 -14.32	17.85 0.38 -12.00	17.16 0.35 -11.73	17.52 0.36 -12.08	18.69 0.41 -12.32	24.51 0.51 -16.62	28.38 0.48 -21.27	23.95 0.62 -15.53	20.23 0.72 -10.82	20.83 0.71 -11.43	20.63 0.71 -11.41	20.79 0.74 -11.40	22.89 0.70 -14.03	23.73 0.64 -15.43	26.35 0.63 -17.89	31.90 0.69 -22.25	43.24 0.77 -32.73	43.27 0.84 -31.82	39.61 1.41 -19.88	38.07 1.42 -18.01	32.20 0.72 -22.02	23.66 0.78 -12.50	21.44 0.53 -13.69
BURROWS___LYONSDAL 23803	6.61 0.09 -0.67	5.84 0.08 -0.62	6.06 0.08 -0.52	5.62 0.03 -0.50	5.65 0.05 -0.52	6.57 0.07 -0.53	8.21 0.12 -0.71	7.62 0.07 -0.92	8.50 0.05 -0.66	9.21 0.05 -0.46	9.19 0.01 -0.49	9.01 0.01 -0.49	9.15 0.01 -0.49	8.74 -0.01 -0.59	8.29 -0.02 -0.65	8.58 0.02 -0.74	9.92 0.05 -0.91	11.17 0.11 -1.32	12.05 0.14 -1.30	19.55 0.40 -0.83	19.83 0.41 -0.77	10.54 0.14 -0.94	11.08 0.17 -0.54	7.92 0.12 -0.59
CAITHNESS_CC_1 323624	22.66 0.48 -16.32	19.88 0.41 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.27 0.45 -15.85	27.14 0.53 -19.23	29.94 0.51 -22.80	30.69 0.65 -22.24	29.92 0.73 -20.50	30.18 0.63 -20.86	31.67 0.60 -22.55	32.11 0.63 -22.83	31.91 0.57 -23.18	33.95 0.54 -25.76	44.52 0.54 -36.16	45.42 0.66 -35.80	56.66 0.73 -46.19	50.43 0.81 -39.02	43.03 1.37 -23.34	39.85 1.38 -19.83	37.67 0.67 -27.54	32.13 0.67 -21.08	29.68 0.50 -21.97
CALPINE BETH_PAGE_GT4 24209	22.68 0.50 -16.32	19.88 0.42 -14.32	17.90 0.43 -12.01	17.22 0.40 -11.74	17.59 0.42 -12.08	22.28 0.47 -15.85	27.18 0.58 -19.23	29.97 0.54 -22.80	30.71 0.68 -22.24	29.94 0.75 -20.50	30.29 0.74 -20.86	31.78 0.72 -22.55	32.23 0.75 -22.83	32.05 0.71 -23.18	34.04 0.62 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.70 0.77 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.45 -19.83	37.73 0.74 -27.54	32.29 0.83 -21.08	29.76 0.57 -21.97
CALPINE_BETH_PAGE_GT_4 323586	22.68 0.50 -16.32	19.88 0.42 -14.32	17.90 0.43 -12.01	17.22 0.40 -11.74	17.59 0.42 -12.08	22.28 0.47 -15.85	27.18 0.58 -19.23	29.97 0.54 -22.80	30.71 0.68 -22.24	29.94 0.75 -20.50	30.29 0.74 -20.86	31.78 0.72 -22.55	32.23 0.75 -22.83	32.05 0.71 -23.18	34.03 0.62 -25.76	44.58 0.60 -36.16	45.44 0.68 -35.80	56.67 0.74 -46.19	50.45 0.82 -39.02	43.05 1.39 -23.34	39.89 1.42 -19.83	37.71 0.72 -27.54	32.29 0.83 -21.08	29.76 0.57 -21.97
CALPINE_BP_GT1 23823	22.68 0.50 -16.32	19.88 0.42 -14.32	17.90 0.43 -12.01	17.22 0.40 -11.74	17.59 0.42 -12.08	22.28 0.47 -15.85	27.18 0.58 -19.23	29.97 0.54 -22.80	30.71 0.68 -22.24	29.94 0.75 -20.50	30.29 0.74 -20.86	31.78 0.72 -22.55	32.23 0.75 -22.83	32.05 0.71 -23.18	34.03 0.62 -25.76	44.58 0.60 -36.16	45.44 0.68 -35.80	56.67 0.74 -46.19	50.45 0.82 -39.02	43.05 1.39 -23.34	39.89 1.42 -19.83	37.71 0.72 -27.54	32.29 0.83 -21.08	29.76 0.57 -21.97
CALSPAN___DRP 24200	8.80 0.01 -2.93	7.86 0.02 -2.70	7.77 0.04 -2.27	7.30 0.01 -2.21	7.39 0.02 -2.28	8.30 0.01 -2.33	10.46 -0.05 -3.14	10.44 -0.21 -4.01	10.47 -0.26 -2.93	10.45 -0.30 -2.06	10.60 -0.26 -2.17	10.44 -0.24 -2.17	10.50 -0.31 -2.17	10.54 -0.25 -2.64	10.31 -0.23 -2.88	10.84 -0.28 -3.30	12.70 -0.31 -4.05	15.17 -0.46 -5.88	15.93 -0.48 -5.80	21.09 -0.92 -3.69	21.09 -0.99 -3.43	13.28 -0.37 -4.19	12.47 -0.29 -2.38	9.83 0.01 -2.60
CALVERTON___SOLAR 323806	22.68 0.50 -16.32	19.90 0.43 -14.32	17.94 0.46 -12.01	17.25 0.43 -11.74	17.63 0.46 -12.08	22.28 0.47 -15.85	27.16 0.55 -19.23	29.95 0.52 -22.80	30.71 0.67 -22.24	29.96 0.77 -20.50	30.17 0.62 -20.86	31.67 0.60 -22.55	32.11 0.63 -22.83	31.91 0.57 -23.18	33.95 0.54 -25.76	44.53 0.55 -36.16	45.44 0.68 -35.80	56.69 0.76 -46.19	50.46 0.83 -39.02	43.07 1.41 -23.34	39.89 1.42 -19.83	37.68 0.69 -27.54	32.14 0.68 -21.08	29.68 0.50 -21.97
CANDIGU_WT_PWR 323617	9.73 0.05 -3.82	8.71 0.05 -3.52	8.49 0.08 -2.95	8.00 0.04 -2.88	8.11 0.05 -2.97	9.05 0.05 -3.03	11.49 0.03 -4.08	11.78 -0.08 -5.23	11.53 -0.12 -3.86	11.25 -0.15 -2.70	11.40 -0.14 -2.85	11.25 -0.11 -2.85	11.33 -0.16 -2.85	11.50 -0.12 -3.46	11.33 -0.11 -3.78	12.04 -0.13 -4.35	14.17 -0.13 -5.34	17.28 -0.21 -7.75	18.04 -0.21 -7.65	22.78 -0.40 -4.87	22.72 -0.45 -4.52	14.79 -0.16 -5.50	13.40 -0.10 -3.12	10.70 0.07 -3.42
CARR STREET_E_SYR 24060	7.56 -0.02 -1.72	6.71 -0.03 -1.59	6.77 -0.02 -1.33	6.33 -0.05 -1.30	6.39 -0.04 -1.34	7.30 -0.04 -1.37	9.19 -0.04 -1.84	8.92 -0.07 -2.36	9.39 -0.10 -1.70	9.77 -0.11 -1.19	9.83 -0.11 -1.26	9.66 -0.10 -1.26	9.78 -0.12 -1.25	9.59 -0.10 -1.53	9.25 -0.08 -1.66	9.65 -0.08 -1.91	11.20 -0.10 -2.34	13.02 -0.13 -3.40	13.82 -0.14 -3.35	20.25 -0.20 -2.13	20.42 -0.20 -1.98	11.78 -0.10 -2.42	11.66 -0.09 -1.38	8.70 -0.02 -1.50
CARTHAGE___PAPER 23857	6.80 0.02 -0.92	6.01 0.03 -0.84	6.19 0.02 -0.71	5.75 -0.03 -0.69	5.79 -0.01 -0.71	6.70 0.01 -0.73	8.42 0.06 -0.98	7.92 0.04 -1.25	8.67 -0.02 -0.90	9.25 -0.08 -0.63	9.25 -0.10 -0.67	9.07 -0.11 -0.67	9.20 -0.11 -0.67	8.84 -0.13 -0.81	8.40 -0.15 -0.89	8.72 -0.12 -1.02	10.11 -0.09 -1.25	11.54 -0.01 -1.81	12.43 0.04 -1.79	19.77 0.31 -1.14	20.04 0.34 -1.05	10.84 0.09 -1.29	11.19 0.08 -0.73	8.07 0.06 -0.80

CASSADAGA_WT_PWR 323784	9.07 0.12 -3.09	8.12 0.13 -2.85	8.02 0.17 -2.39	7.54 0.13 -2.33	7.64 0.15 -2.40	8.59 0.18 -2.45	10.85 0.17 -3.30	10.86 0.00 -4.23	10.89 -0.01 -3.11	10.85 -0.02 -2.18	10.98 -0.01 -2.30	10.83 0.03 -2.30	10.89 -0.05 -2.30	10.95 0.00 -2.80	10.70 -0.01 -3.05	11.25 -0.06 -3.50	13.20 -0.05 -4.30	15.78 -0.19 -6.23	16.59 -0.16 -6.15	21.86 -0.37 -3.91	21.80 -0.48 -3.63	13.75 -0.14 -4.44	12.84 -0.06 -2.52	10.11 0.14 -2.76
CE_DUNWOOD___DRP 24194	21.71 0.35 -15.51	19.73 0.30 -14.29	17.76 0.31 -11.98	17.08 0.28 -11.71	17.43 0.29 -12.05	18.59 0.33 -12.30	24.38 0.41 -16.59	28.25 0.39 -21.23	23.79 0.50 -15.50	20.06 0.57 -10.80	20.67 0.57 -11.41	20.46 0.56 -11.39	20.62 0.60 -11.37	22.73 0.56 -14.00	23.58 0.52 -15.40	26.19 0.52 -17.86	31.74 0.57 -22.21	43.04 0.63 -32.66	43.05 0.69 -31.76	39.34 1.17 -19.84	37.80 1.17 -17.97	32.02 0.59 -21.98	23.48 0.62 -12.48	21.29 0.43 -13.65
CE_MILLWOOD___DRP 24193	21.64 0.33 -15.45	19.66 0.29 -14.23	17.70 0.30 -11.93	17.02 0.27 -11.66	17.38 0.28 -12.01	18.54 0.32 -12.25	24.31 0.41 -16.52	28.15 0.38 -21.15	23.72 0.48 -15.44	20.00 0.56 -10.76	20.60 0.55 -11.36	20.40 0.54 -11.35	20.55 0.57 -11.33	22.66 0.55 -13.95	23.50 0.51 -15.34	26.11 0.50 -17.79	31.63 0.56 -22.12	42.89 0.61 -32.53	42.91 0.67 -31.63	39.22 1.14 -19.77	37.69 1.14 -17.90	31.92 0.57 -21.89	23.41 0.60 -12.43	21.23 0.41 -13.60
CE_NYC2_DRP 24202	21.81 0.41 -15.54	19.82 0.35 -14.32	17.83 0.36 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.49 -16.62	28.37 0.46 -21.28	23.93 0.60 -15.54	20.21 0.70 -10.83	20.80 0.68 -11.44	20.60 0.67 -11.42	20.76 0.71 -11.40	25.76 0.67 -16.93	23.72 0.62 -15.44	26.32 0.60 -17.90	31.89 0.67 -22.26	43.20 0.73 -32.73	43.21 0.78 -31.82	39.52 1.32 -19.88	37.98 1.32 -18.01	32.18 0.69 -22.03	23.64 0.76 -12.50	21.42 0.52 -13.69
CE_NYC_DRP 24195	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.38 -12.32	24.45 0.46 -16.62	28.34 0.44 -21.27	23.89 0.57 -15.53	20.17 0.66 -10.82	20.76 0.64 -11.43	20.57 0.65 -11.41	20.72 0.67 -11.40	22.83 0.57 -14.03	23.67 0.58 -15.43	26.28 0.57 -17.89	31.83 0.63 -22.25	43.16 0.69 -32.73	43.18 0.75 -31.82	39.49 1.28 -19.88	37.94 1.29 -18.01	32.12 0.64 -22.02	23.60 0.72 -12.50	21.39 0.48 -13.69
CHAFFEE___LFGE 323603	8.87 -0.01 -3.01	7.93 0.01 -2.78	7.83 0.04 -2.33	7.36 0.00 -2.28	7.44 0.01 -2.34	8.36 0.00 -2.39	10.54 -0.07 -3.22	10.54 -0.21 -4.12	10.56 -0.26 -3.02	10.51 -0.30 -2.12	10.64 -0.29 -2.24	10.50 -0.25 -2.24	10.56 -0.32 -2.23	10.63 -0.24 -2.72	10.39 -0.23 -2.97	10.94 -0.28 -3.40	12.82 -0.31 -4.18	15.35 -0.46 -6.06	16.13 -0.46 -5.98	21.24 -0.88 -3.80	21.21 -0.97 -3.53	13.40 -0.37 -4.32	12.54 -0.29 -2.45	9.90 0.00 -2.68
CHATEAUG_35_KV_LOAD 355732	5.79 -0.06 0.00	5.09 -0.05 0.00	5.40 -0.07 0.00	5.06 -0.02 0.00	5.07 -0.02 0.00	5.93 -0.03 0.00	7.40 0.02 0.00	6.71 0.08 0.00	7.90 0.11 0.00	8.78 0.09 0.00	8.77 0.09 0.00	8.58 0.07 0.00	8.77 0.12 0.00	8.25 0.09 0.00	7.72 0.06 0.00	7.88 0.05 0.00	9.02 0.06 0.00	9.92 0.18 0.00	10.83 0.22 0.00	18.59 0.27 0.00	18.93 0.28 0.00	9.57 0.11 0.00	10.40 0.02 0.00	7.21 0.00 0.00
CHATEAUG_WT_PWR 323614	5.80 -0.06 0.00	5.09 -0.05 0.00	5.41 -0.05 0.00	5.06 -0.02 0.00	5.07 -0.02 0.00	5.94 -0.02 0.00	7.41 0.03 0.00	6.72 0.09 0.00	7.91 0.12 0.00	8.79 0.10 0.00	8.82 0.13 0.00	8.60 0.09 0.00	8.80 0.16 0.00	8.26 0.11 0.00	7.74 0.08 0.00	7.89 0.07 0.00	9.04 0.08 0.00	9.93 0.18 0.00	10.83 0.22 0.00	18.59 0.28 0.00	18.93 0.28 0.00	9.56 0.10 0.00	10.40 0.02 0.00	7.22 0.01 0.00
CHAT_HIGH_FALL_HYD 323578	5.79 -0.06 0.00	5.09 -0.05 0.00	5.40 -0.07 0.00	5.06 -0.02 0.00	5.07 -0.02 0.00	5.94 -0.03 0.00	7.40 0.02 0.00	6.71 0.08 0.00	7.90 0.11 0.00	8.78 0.09 0.00	8.80 0.11 0.00	8.58 0.07 0.00	8.78 0.13 0.00	8.25 0.09 0.00	7.72 0.06 0.00	7.88 0.06 0.00	9.02 0.06 0.00	9.92 0.18 0.00	10.83 0.22 0.00	18.59 0.28 0.00	18.93 0.28 0.00	9.57 0.11 0.00	10.40 0.02 0.00	7.21 0.00 0.00
CHAUTAUQUA___LFGE 323629	8.99 0.09 -3.05	8.04 0.09 -2.81	7.95 0.13 -2.35	7.47 0.09 -2.30	7.56 0.10 -2.37	8.49 0.11 -2.42	10.72 0.08 -3.26	10.72 -0.08 -4.17	10.75 -0.10 -3.06	10.70 -0.14 -2.14	10.84 -0.11 -2.27	10.69 -0.08 -2.26	10.75 -0.16 -2.26	10.81 -0.10 -2.75	10.57 -0.09 -3.00	11.12 -0.14 -3.44	13.03 -0.15 -4.23	15.59 -0.28 -6.13	16.39 -0.26 -6.05	21.62 -0.55 -3.85	21.57 -0.65 -3.57	13.61 -0.22 -4.36	12.71 -0.15 -2.48	10.02 0.09 -2.71
CHERRYST_13_KV_LD 356241	21.79 0.40 -15.54	19.81 0.34 -14.32	17.82 0.36 -12.00	17.14 0.33 -11.73	17.51 0.34 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.35 0.45 -21.27	23.91 0.59 -15.53	20.20 0.69 -10.82	20.79 0.67 -11.43	20.59 0.66 -11.41	20.75 0.70 -11.40	22.85 0.66 -14.03	23.69 0.61 -15.43	26.31 0.59 -17.89	31.86 0.65 -22.25	43.19 0.72 -32.73	43.21 0.78 -31.82	39.52 1.32 -19.88	37.98 1.32 -18.01	32.15 0.67 -22.02	23.62 0.74 -12.50	21.40 0.50 -13.69
CHESTROR_138KV_BK263 355645	20.52 0.28 -14.38	18.64 0.24 -13.25	16.83 0.25 -11.11	16.17 0.23 -10.86	16.50 0.23 -11.18	17.64 0.27 -11.40	23.09 0.33 -15.38	26.63 0.31 -19.68	22.56 0.40 -14.37	19.15 0.44 -10.01	19.72 0.45 -10.58	19.51 0.44 -10.56	19.66 0.47 -10.55	21.59 0.45 -12.98	22.34 0.41 -14.26	24.76 0.41 -16.53	29.97 0.47 -20.55	40.44 0.51 -30.19	40.55 0.56 -29.38	37.65 0.95 -18.38	36.29 0.97 -16.67	30.30 0.46 -20.38	22.46 0.51 -11.57	20.22 0.34 -12.66
CH_MIDHUDSON___DRP 24192	21.91 0.32 -15.74	19.92 0.27 -14.50	17.91 0.28 -12.16	17.22 0.26 -11.88	17.58 0.26 -12.23	18.75 0.30 -12.48	24.59 0.38 -16.83	28.56 0.35 -21.58	23.96 0.44 -15.73	20.17 0.50 -10.98	20.78 0.50 -11.60	20.58 0.49 -11.58	20.73 0.52 -11.56	22.85 0.50 -14.19	23.69 0.46 -15.57	26.28 0.46 -18.00	31.75 0.51 -22.28	42.97 0.57 -32.66	43.10 0.63 -31.87	39.39 1.06 -20.01	37.97 1.08 -18.24	32.28 0.52 -22.30	23.61 0.57 -12.66	21.45 0.38 -13.86
CH_MISC_IPPS 23765	21.66 0.34 -15.46	19.68 0.29 -14.25	17.71 0.30 -11.95	17.04 0.28 -11.68	17.39 0.28 -12.02	18.55 0.32 -12.26	24.32 0.41 -16.54	28.17 0.38 -21.17	23.71 0.47 -15.45	20.00 0.53 -10.77	20.59 0.52 -11.38	20.40 0.53 -11.37	20.54 0.55 -11.35	22.63 0.53 -13.94	23.47 0.50 -15.31	26.03 0.49 -17.71	31.50 0.56 -21.98	42.62 0.62 -32.25	42.75 0.70 -31.44	39.20 1.17 -19.71	37.79 1.21 -17.93	31.95 0.57 -21.93	23.45 0.62 -12.45	21.25 0.41 -13.62
CH_RES_BVR_FALLS 23983	5.72 -0.14 0.00	5.03 -0.12 0.00	5.34 -0.13 0.00	4.98 -0.10 0.00	5.00 -0.09 0.00	5.86 -0.10 0.00	7.27 -0.11 0.00	6.54 -0.09 0.00	7.70 -0.09 0.00	8.58 -0.11 0.00	8.57 -0.11 0.00	8.39 -0.12 0.00	8.55 -0.10 0.00	8.05 -0.11 0.00	7.55 -0.11 0.00	7.71 -0.11 0.00	8.83 -0.13 0.00	9.62 -0.13 0.00	10.48 -0.13 0.00	18.06 -0.26 0.00	18.37 -0.28 0.00	9.32 -0.14 0.00	10.21 -0.17 0.00	7.10 -0.12 0.00

CH_RES_NIAGARA 23895	8.41 -0.16 -2.71	7.52 -0.13 -2.50	7.45 -0.11 -2.10	7.00 -0.13 -2.05	7.08 -0.12 -2.11	7.96 -0.16 -2.15	10.00 -0.28 -2.90	9.90 -0.42 -3.69	9.96 -0.52 -2.69	9.97 -0.61 -1.89	10.09 -0.59 -1.99	9.95 -0.54 -1.99	10.00 -0.63 -1.99	10.04 -0.55 -2.43	9.80 -0.51 -2.65	10.29 -0.57 -3.04	12.03 -0.65 -3.73	14.34 -0.82 -5.41	15.05 -0.89 -5.34	20.07 -1.65 -3.40	20.07 -1.73 -3.15	12.60 -0.71 -3.85	11.92 -0.63 -2.18	9.41 -0.20 -2.39
CH_RES_SYRACUSE 23985	7.77 0.01 -1.90	6.90 0.00 -1.75	6.95 0.01 -1.47	6.49 -0.03 -1.44	6.55 -0.02 -1.48	7.47 0.00 -1.51	9.42 0.01 -2.04	9.21 -0.03 -2.61	9.59 -0.06 -1.86	9.93 -0.06 -1.30	9.99 -0.07 -1.37	9.82 -0.06 -1.37	9.93 -0.09 -1.37	9.77 -0.06 -1.67	9.43 -0.05 -1.82	9.87 -0.04 -2.08	11.46 -0.05 -2.56	13.38 -0.08 -3.72	14.19 -0.09 -3.67	20.54 -0.11 -2.33	20.72 -0.09 -2.17	12.05 -0.06 -2.65	11.84 -0.04 -1.50	8.87 0.01 -1.65
CLINTON_WT_PWR 323605	5.80 -0.06 0.00	5.09 -0.05 0.00	5.41 -0.05 0.00	5.06 -0.02 0.00	5.07 -0.02 0.00	5.94 -0.02 0.00	7.41 0.03 0.00	6.72 0.09 0.00	7.91 0.12 0.00	8.79 0.10 0.00	8.82 0.13 0.00	8.60 0.09 0.00	8.80 0.16 0.00	8.26 0.11 0.00	7.74 0.08 0.00	7.89 0.07 0.00	9.04 0.08 0.00	9.93 0.18 0.00	10.83 0.22 0.00	18.59 0.28 0.00	18.93 0.28 0.00	9.56 0.10 0.00	10.40 0.02 0.00	7.22 0.01 0.00
CLINTON___LFGE 323618	5.85 -0.01 0.00	5.14 -0.01 0.00	5.45 -0.01 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.00 0.04 0.00	7.50 0.13 0.00	6.80 0.17 0.00	8.01 0.22 0.00	8.89 0.20 0.00	8.92 0.23 0.00	8.69 0.18 0.00	8.91 0.26 0.00	8.36 0.20 0.00	7.83 0.17 0.00	7.98 0.16 0.00	9.14 0.19 0.00	10.08 0.33 0.00	11.01 0.40 0.00	18.87 0.55 0.00	19.21 0.56 0.00	9.69 0.24 0.00	10.52 0.15 0.00	7.30 0.09 0.00
COBBLENY_34_KV_TB1 80064	8.87 -0.01 -3.01	7.93 0.01 -2.78	7.83 0.04 -2.33	7.36 0.00 -2.28	7.44 0.01 -2.34	8.36 0.00 -2.39	10.54 -0.07 -3.22	10.54 -0.21 -4.12	10.56 -0.26 -3.02	10.51 -0.30 -2.12	10.67 -0.26 -2.24	10.51 -0.24 -2.24	10.57 -0.31 -2.23	10.62 -0.25 -2.72	10.39 -0.23 -2.97	10.94 -0.28 -3.40	12.82 -0.31 -4.18	15.35 -0.46 -6.06	16.13 -0.46 -5.98	21.24 -0.88 -3.80	21.21 -0.97 -3.53	13.41 -0.37 -4.32	12.54 -0.29 -2.45	9.90 0.00 -2.68
COFFEEN___115KV_TB3 355620	7.01 0.11 -1.04	6.21 0.10 -0.96	6.36 0.09 -0.81	5.89 0.02 -0.79	5.94 0.04 -0.81	6.88 0.09 -0.83	8.65 0.15 -1.12	8.16 0.10 -1.43	8.84 0.02 -1.03	9.40 -0.02 -0.72	9.41 -0.04 -0.76	9.23 -0.04 -0.76	9.35 -0.06 -0.76	9.00 -0.08 -0.92	8.58 -0.09 -1.01	8.93 -0.05 -1.16	10.37 -0.01 -1.42	11.89 0.09 -2.06	12.80 0.16 -2.03	20.24 0.62 -1.29	20.48 0.63 -1.20	11.12 0.20 -1.47	11.42 0.21 -0.83	8.27 0.14 -0.91
COLDSPRG_115KV_BK1 355956	9.16 0.14 -3.16	8.20 0.14 -2.91	8.08 0.18 -2.44	7.60 0.13 -2.38	7.69 0.15 -2.45	8.65 0.18 -2.50	10.93 0.18 -3.38	10.96 0.01 -4.32	10.99 0.01 -3.19	10.93 0.00 -2.24	11.08 0.03 -2.36	10.90 0.03 -2.36	10.98 -0.03 -2.36	11.03 0.01 -2.87	10.79 0.00 -3.13	11.36 -0.05 -3.59	13.34 -0.03 -4.41	15.98 -0.16 -6.39	16.81 -0.11 -6.31	22.09 -0.24 -4.01	22.04 -0.34 -3.73	13.93 -0.09 -4.56	12.95 -0.01 -2.59	10.22 0.17 -2.83
COLONIE_LFGE___ 323577	25.67 0.25 -19.56	23.38 0.22 -18.02	20.81 0.23 -15.11	20.07 0.21 -14.77	20.51 0.21 -15.21	21.73 0.26 -15.51	28.63 0.32 -20.92	33.67 0.27 -26.78	27.43 0.32 -19.32	22.66 0.35 -13.62	23.42 0.35 -14.39	23.21 0.34 -14.37	23.31 0.32 -14.34	25.72 0.31 -17.25	26.63 0.30 -18.67	29.24 0.30 -21.12	34.93 0.36 -25.61	46.75 0.40 -36.60	47.72 0.43 -36.68	42.88 0.77 -23.79	42.08 0.76 -22.67	37.57 0.40 -27.72	26.56 0.45 -15.74	24.74 0.30 -17.22
COOPERNY_115KV_TB1 80082	17.80 0.21 -11.73	16.14 0.19 -10.81	14.72 0.19 -9.06	14.11 0.17 -8.86	14.38 0.17 -9.12	15.47 0.20 -9.30	20.17 0.25 -12.54	22.91 0.23 -16.05	19.78 0.28 -11.71	17.19 0.33 -8.17	17.65 0.33 -8.63	17.45 0.32 -8.62	17.59 0.34 -8.60	19.05 0.33 -10.57	19.56 0.30 -11.60	21.53 0.30 -13.41	25.93 0.33 -16.64	34.51 0.36 -24.40	34.81 0.40 -23.80	33.95 0.70 -14.93	32.96 0.71 -13.60	26.42 0.34 -16.63	20.19 0.37 -9.44	17.80 0.26 -10.33
COPENHAGEN_WT_PWR 323753	7.00 0.06 -1.08	6.20 0.06 -0.99	6.35 0.05 -0.83	5.89 -0.01 -0.81	5.93 0.01 -0.84	6.86 0.04 -0.85	8.63 0.10 -1.15	8.16 0.05 -1.48	8.84 -0.02 -1.06	9.39 -0.05 -0.74	9.40 -0.08 -0.79	9.22 -0.08 -0.79	9.35 -0.09 -0.78	9.01 -0.11 -0.95	8.59 -0.11 -1.04	8.94 -0.08 -1.19	10.37 -0.05 -1.47	11.88 0.01 -2.13	12.77 0.06 -2.10	20.04 0.39 -1.34	20.28 0.39 -1.24	11.09 0.11 -1.52	11.35 0.11 -0.86	8.24 0.09 -0.94
CORNELL___ 23752	9.74 0.18 -3.70	8.71 0.15 -3.41	8.49 0.17 -2.86	7.99 0.11 -2.79	8.08 0.12 -2.88	9.07 0.17 -2.93	11.56 0.23 -3.96	11.85 0.15 -5.06	11.72 0.14 -3.79	11.49 0.15 -2.65	11.61 0.11 -2.81	11.41 0.10 -2.80	11.52 0.08 -2.80	11.65 0.09 -3.40	11.46 0.09 -3.71	12.19 0.12 -4.25	14.33 0.15 -5.22	17.49 0.18 -7.58	18.30 0.22 -7.47	23.55 0.48 -4.75	23.58 0.52 -4.41	15.08 0.23 -5.40	13.71 0.27 -3.06	10.79 0.22 -3.35
CORONA_AAV_69_KV_TB1 355595	22.68 0.50 -16.32	19.88 0.42 -14.32	17.90 0.43 -12.01	17.22 0.40 -11.74	17.59 0.42 -12.08	22.28 0.47 -15.85	27.18 0.58 -19.23	29.95 0.52 -22.80	30.70 0.66 -22.24	29.95 0.76 -20.50	30.29 0.74 -20.86	31.78 0.72 -22.55	32.24 0.76 -22.83	32.06 0.72 -23.18	34.08 0.67 -25.76	44.62 0.64 -36.16	45.49 0.73 -35.80	56.74 0.81 -46.19	50.52 0.89 -39.02	43.16 1.50 -23.34	40.00 1.53 -19.83	37.76 0.77 -27.54	32.32 0.86 -21.08	29.78 0.59 -21.97
CORTLAND_115KV_TB3 80093	9.02 0.11 -3.06	8.06 0.09 -2.82	7.93 0.10 -2.36	7.45 0.06 -2.31	7.54 0.07 -2.38	8.49 0.10 -2.43	10.78 0.13 -3.27	10.89 0.07 -4.19	10.92 0.05 -3.07	10.91 0.06 -2.15	11.01 0.04 -2.27	10.82 0.04 -2.27	10.94 0.03 -2.27	10.95 0.03 -2.76	10.72 0.05 -3.01	11.32 0.05 -3.45	13.26 0.07 -4.24	15.97 0.08 -6.15	16.76 0.10 -6.06	22.41 0.24 -3.86	22.49 0.26 -3.58	13.95 0.11 -4.38	13.00 0.13 -2.49	10.07 0.14 -2.72
COXSACKIE___GT 23611	24.35 0.36 -18.13	22.15 0.31 -16.70	19.80 0.33 -14.00	19.07 0.30 -13.69	19.49 0.31 -14.09	20.72 0.38 -14.37	27.28 0.51 -19.39	31.90 0.46 -24.81	26.25 0.48 -17.97	21.77 0.46 -12.62	22.47 0.45 -13.33	22.24 0.43 -13.31	22.35 0.42 -13.29	24.69 0.42 -16.11	25.61 0.41 -17.54	28.26 0.42 -20.02	34.01 0.56 -24.50	45.78 0.64 -35.39	46.42 0.74 -35.07	42.10 1.34 -22.44	41.03 1.38 -21.00	35.75 0.61 -25.68	25.64 0.68 -14.58	23.61 0.45 -15.95
CPV_VALLEY___CC1 323721	19.53 0.23 -13.44	17.73 0.21 -12.38	16.06 0.21 -10.38	15.42 0.19 -10.15	15.73 0.20 -10.45	16.85 0.23 -10.66	22.03 0.28 -14.37	25.28 0.25 -18.40	21.55 0.33 -13.43	18.43 0.38 -9.36	18.95 0.37 -9.89	18.76 0.38 -9.87	18.90 0.40 -9.86	20.67 0.38 -12.12	21.33 0.35 -13.32	23.60 0.35 -15.43	28.50 0.38 -19.16	38.31 0.43 -28.14	38.48 0.47 -27.41	36.26 0.79 -17.15	35.03 0.80 -15.58	28.89 0.39 -19.05	21.62 0.43 -10.82	19.34 0.29 -11.83

CPV_VALLEY___CC2 323722	19.53 0.23 -13.44	17.73 0.21 -12.38	16.06 0.21 -10.38	15.42 0.19 -10.15	15.73 0.20 -10.45	16.85 0.23 -10.66	22.03 0.28 -14.37	25.28 0.25 -18.40	21.55 0.33 -13.43	18.43 0.38 -9.36	18.95 0.37 -9.89	18.76 0.38 -9.87	18.90 0.40 -9.86	20.67 0.38 -12.12	21.33 0.35 -13.32	23.60 0.35 -15.43	28.50 0.38 -19.16	38.31 0.43 -28.14	38.48 0.47 -27.41	36.26 0.79 -17.15	35.03 0.80 -15.58	28.89 0.39 -19.05	21.62 0.43 -10.82	19.34 0.29 -11.83
CRESCENT___HYD 24018	25.67 0.25 -19.56	23.38 0.22 -18.02	20.81 0.23 -15.11	20.07 0.21 -14.77	20.51 0.21 -15.21	21.73 0.26 -15.51	28.63 0.32 -20.92	33.67 0.27 -26.78	27.43 0.32 -19.32	22.66 0.35 -13.62	23.42 0.35 -14.39	23.21 0.32 -14.37	23.31 0.34 -14.34	25.72 0.31 -17.25	26.63 0.30 -18.67	29.24 0.30 -21.12	34.93 0.36 -25.61	46.75 0.40 -36.60	47.72 0.43 -36.68	42.88 0.77 -23.79	42.08 0.76 -22.67	37.57 0.40 -27.72	26.56 0.45 -15.74	24.74 0.30 -17.22
CRICKET___VALLEY_CC1 323756	22.53 0.25 -16.43	20.50 0.22 -15.13	18.39 0.24 -12.69	17.70 0.22 -12.40	18.07 0.22 -12.77	19.24 0.25 -13.02	25.23 0.29 -17.57	29.37 0.26 -22.48	23.30 0.33 -15.18	20.51 0.38 -11.44	21.16 0.39 -12.08	20.96 0.38 -12.07	21.09 0.40 -12.05	21.12 0.38 -12.59	20.23 0.35 -12.22	19.44 0.34 -11.28	19.82 0.38 -10.48	19.79 0.42 -9.63	26.34 0.46 -15.28	33.39 0.77 -14.30	38.47 0.78 -19.04	33.12 0.39 -23.28	24.02 0.43 -13.22	21.96 0.29 -14.46
CRICKET___VALLEY_CC2 323757	22.53 0.25 -16.43	20.50 0.22 -15.13	18.39 0.24 -12.69	17.70 0.22 -12.40	18.07 0.22 -12.77	19.24 0.25 -13.02	25.23 0.29 -17.57	29.37 0.26 -22.48	23.30 0.33 -15.18	20.51 0.38 -11.44	21.16 0.39 -12.08	20.96 0.38 -12.07	21.09 0.40 -12.05	21.12 0.38 -12.59	20.23 0.35 -12.22	19.44 0.34 -11.28	19.82 0.38 -10.48	19.79 0.42 -9.63	26.34 0.46 -15.28	33.39 0.77 -14.30	38.47 0.78 -19.04	33.12 0.39 -23.28	24.02 0.43 -13.22	21.96 0.29 -14.46
CRICKET___VALLEY_CC3 323758	22.53 0.25 -16.43	20.50 0.22 -15.13	18.39 0.24 -12.69	17.70 0.22 -12.40	18.07 0.22 -12.77	19.24 0.25 -13.02	25.23 0.29 -17.57	29.37 0.26 -22.48	23.30 0.33 -15.18	20.51 0.38 -11.44	21.16 0.39 -12.08	20.96 0.38 -12.07	21.09 0.40 -12.05	21.12 0.38 -12.59	20.23 0.35 -12.22	19.44 0.34 -11.28	19.82 0.38 -10.48	19.79 0.42 -9.63	26.34 0.46 -15.28	33.39 0.77 -14.30	38.47 0.78 -19.04	33.12 0.39 -23.28	24.02 0.43 -13.22	21.96 0.29 -14.46
CRUCIBLE_METL_DRP 24180	7.77 0.01 -1.90	6.90 0.00 -1.75	6.95 0.01 -1.47	6.49 -0.03 -1.44	6.55 -0.02 -1.48	7.47 0.00 -1.51	9.42 0.01 -2.04	9.21 -0.03 -2.61	9.59 -0.06 -1.86	9.93 -0.06 -1.30	10.00 -0.06 -1.37	9.82 -0.06 -1.37	9.93 -0.09 -1.37	9.77 -0.06 -1.67	9.43 -0.05 -1.82	9.87 -0.04 -2.08	11.46 -0.05 -2.56	13.38 -0.08 -3.72	14.19 -0.08 -3.67	20.54 -0.11 -2.33	20.72 -0.09 -2.17	12.05 -0.06 -2.65	11.84 -0.04 -1.50	8.87 0.01 -1.65
DAHOWA___HYDRO 323763	26.11 0.31 -19.94	23.79 0.27 -18.38	21.18 0.31 -15.41	20.42 0.28 -15.06	20.87 0.28 -15.50	22.13 0.35 -15.81	29.17 0.47 -21.33	34.33 0.40 -27.30	27.96 0.45 -19.72	23.04 0.47 -13.88	23.82 0.46 -14.67	23.61 0.46 -14.65	23.70 0.42 -14.62	26.19 0.40 -17.63	27.15 0.38 -19.11	29.87 0.38 -21.67	35.76 0.46 -26.35	48.04 0.52 -37.78	48.90 0.56 -37.73	43.73 1.03 -24.38	42.82 1.06 -23.11	38.24 0.53 -28.26	27.04 0.61 -16.05	25.18 0.41 -17.56
DANC___LFGE 323619	7.13 0.01 -1.27	6.32 0.01 -1.17	6.45 0.01 -0.98	5.99 -0.05 -0.96	6.04 -0.03 -0.98	6.96 -0.01 -1.00	8.75 0.01 -1.35	8.35 -0.01 -1.73	8.97 -0.07 -1.25	9.45 -0.11 -0.87	9.49 -0.12 -0.92	9.31 -0.12 -0.92	9.43 -0.14 -0.92	9.14 -0.14 -1.12	8.75 -0.13 -1.22	9.11 -0.11 -1.40	10.57 -0.11 -1.72	12.15 -0.09 -2.50	13.00 -0.06 -2.46	19.96 0.07 -1.57	20.18 0.07 -1.45	11.23 -0.01 -1.78	11.38 -0.01 -1.01	8.33 0.01 -1.10
DANSKAMMER___1 23586	21.66 0.34 -15.46	19.68 0.29 -14.25	17.71 0.30 -11.95	17.04 0.28 -11.68	17.39 0.28 -12.02	18.55 0.32 -12.26	24.32 0.41 -16.54	28.17 0.38 -21.17	23.71 0.47 -15.45	20.00 0.53 -10.77	20.59 0.52 -11.38	20.40 0.53 -11.37	20.54 0.55 -11.35	22.63 0.53 -13.94	23.47 0.50 -15.31	26.03 0.49 -17.71	31.50 0.56 -21.98	42.62 0.62 -32.25	42.75 0.70 -31.44	39.20 1.17 -19.71	37.79 1.21 -17.93	31.95 0.57 -21.93	23.45 0.62 -12.45	21.25 0.41 -13.62
DANSKAMMER___2 23589	21.66 0.34 -15.46	19.68 0.29 -14.25	17.71 0.30 -11.95	17.04 0.28 -11.68	17.39 0.28 -12.02	18.55 0.32 -12.26	24.32 0.41 -16.54	28.17 0.38 -21.17	23.71 0.47 -15.45	20.00 0.53 -10.77	20.59 0.52 -11.38	20.40 0.53 -11.37	20.54 0.55 -11.35	22.63 0.53 -13.94	23.47 0.50 -15.31	26.03 0.49 -17.71	31.50 0.56 -21.98	42.62 0.62 -32.25	42.75 0.70 -31.44	39.20 1.17 -19.71	37.79 1.21 -17.93	31.95 0.57 -21.93	23.45 0.62 -12.45	21.25 0.41 -13.62
DANSKAMMER___3 23590	21.66 0.34 -15.46	19.68 0.29 -14.25	17.71 0.30 -11.95	17.04 0.28 -11.68	17.39 0.28 -12.02	18.55 0.32 -12.26	24.32 0.41 -16.54	28.17 0.38 -21.17	23.71 0.47 -15.45	20.00 0.53 -10.77	20.59 0.52 -11.38	20.40 0.53 -11.37	20.54 0.55 -11.35	22.63 0.53 -13.94	23.47 0.50 -15.31	26.03 0.49 -17.71	31.50 0.56 -21.98	42.62 0.62 -32.25	42.75 0.70 -31.44	39.20 1.17 -19.71	37.79 1.21 -17.93	31.95 0.57 -21.93	23.45 0.62 -12.45	21.25 0.41 -13.62
DANSKAMMER___4 23591	21.66 0.34 -15.46	19.68 0.29 -14.25	17.71 0.30 -11.95	17.04 0.28 -11.68	17.39 0.28 -12.02	18.55 0.32 -12.26	24.32 0.41 -16.54	28.17 0.38 -21.17	23.71 0.47 -15.45	20.00 0.53 -10.77	20.59 0.52 -11.38	20.40 0.53 -11.37	20.54 0.55 -11.35	22.63 0.53 -13.94	23.47 0.50 -15.31	26.03 0.49 -17.71	31.50 0.56 -21.98	42.62 0.62 -32.25	42.75 0.70 -31.44	39.20 1.17 -19.71	37.79 1.21 -17.93	31.95 0.57 -21.93	23.45 0.62 -12.45	21.25 0.41 -13.62
DANSKAMMER___DIESEL 23592	21.66 0.34 -15.46	19.68 0.29 -14.25	17.71 0.30 -11.95	17.04 0.28 -11.68	17.39 0.28 -12.02	18.55 0.32 -12.26	24.32 0.41 -16.54	28.19 0.38 -21.18	23.71 0.47 -15.45	20.00 0.53 -10.77	20.60 0.53 -11.38	20.39 0.52 -11.37	20.55 0.55 -11.35	22.63 0.53 -13.94	23.46 0.50 -15.31	26.03 0.49 -17.71	31.49 0.56 -21.97	42.60 0.62 -32.23	42.73 0.70 -31.42	39.19 1.17 -19.70	37.76 1.19 -17.92	31.94 0.57 -21.91	23.44 0.62 -12.44	21.24 0.41 -13.61
DARBY___SOLAR 323810	26.05 0.30 -19.89	23.73 0.26 -18.33	21.13 0.30 -15.37	20.37 0.27 -15.02	20.82 0.27 -15.46	22.07 0.33 -15.77	29.09 0.44 -21.27	34.23 0.38 -27.23	27.88 0.43 -19.66	22.99 0.45 -13.85	23.77 0.45 -14.63	23.56 0.44 -14.61	23.65 0.42 -14.58	26.12 0.39 -17.57	27.08 0.38 -19.04	29.78 0.38 -21.59	35.64 0.45 -26.24	47.84 0.51 -37.59	48.73 0.55 -37.57	43.62 1.01 -24.29	42.72 1.03 -23.05	38.15 0.51 -28.18	26.96 0.58 -16.00	25.11 0.39 -17.51
DASHVILLE___HYD 23610	21.87 0.24 -15.77	19.88 0.21 -14.53	17.86 0.21 -12.19	17.19 0.19 -11.91	17.55 0.20 -12.26	18.69 0.22 -12.51	24.52 0.27 -16.87	28.44 0.25 -21.57	23.82 0.33 -15.70	20.06 0.40 -10.97	20.66 0.38 -11.59	20.46 0.37 -11.57	20.62 0.42 -11.56	22.71 0.40 -14.15	23.51 0.36 -15.49	26.03 0.34 -17.86	31.45 0.39 -22.10	42.48 0.45 -32.29	42.74 0.51 -31.62	39.08 0.82 -19.94	37.81 0.88 -18.28	32.21 0.40 -22.36	23.53 0.46 -12.69	21.39 0.29 -13.89

DEERFIELD_69_KV_DEERFIELD LD 355887	22.78 0.60 -16.32	19.98 0.51 -14.32	18.02 0.55 -12.01	17.33 0.51 -11.74	17.71 0.54 -12.08	22.39 0.57 -15.85	27.29 0.68 -19.23	30.08 0.65 -22.80	30.88 0.84 -22.24	30.11 0.91 -20.50	30.34 0.79 -20.86	31.83 0.77 -22.55	32.29 0.81 -22.83	32.07 0.73 -23.18	34.11 0.70 -25.76	44.69 0.71 -36.16	45.63 0.87 -35.80	56.89 0.96 -46.19	50.68 1.05 -39.02	43.43 1.78 -23.34	40.26 1.79 -19.83	37.88 0.89 -27.54	32.32 0.86 -21.08	29.79 0.61 -21.97
DELAWARE___LFGE 323621	12.54 0.19 -6.49	11.30 0.17 -5.98	10.66 0.18 -5.02	10.13 0.14 -4.90	10.29 0.15 -5.05	11.30 0.18 -5.15	14.56 0.24 -6.94	15.71 0.19 -8.89	14.49 0.22 -6.48	13.48 0.25 -4.54	13.73 0.24 -4.80	13.54 0.24 -4.79	13.67 0.24 -4.78	14.21 0.23 -5.82	14.22 0.21 -6.35	15.33 0.23 -7.27	18.17 0.28 -8.94	23.00 0.29 -12.97	23.71 0.32 -12.79	27.08 0.62 -8.14	26.82 0.62 -7.56	18.99 0.29 -9.24	15.94 0.31 -5.25	13.18 0.23 -5.74
DERFIELD_115KV_TB7 355931	5.88 0.02 0.00	5.16 0.02 0.00	5.48 0.02 0.00	5.09 0.01 0.00	5.10 0.01 0.00	5.98 0.02 0.00	7.40 0.02 0.00	6.64 0.01 0.00	7.80 0.01 0.00	8.71 0.02 0.00	8.70 0.01 0.00	8.52 0.01 0.00	8.66 0.01 0.00	8.17 0.01 0.00	7.67 0.01 0.00	7.84 0.02 0.00	8.97 0.02 0.00	9.76 0.02 0.00	10.63 0.02 0.00	18.37 0.05 0.00	18.70 0.06 0.00	9.49 0.03 0.00	10.41 0.03 0.00	7.24 0.02 0.00
DOGLEVILLE___HYD 23807	5.90 0.04 0.00	5.18 0.04 0.00	5.50 0.04 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.01 0.05 0.00	7.44 0.07 0.00	6.64 0.01 0.00	7.80 0.01 0.00	8.74 0.05 0.00	8.70 0.01 0.00	8.53 0.02 0.00	8.67 0.02 0.00	8.17 0.01 0.00	7.67 0.01 0.00	7.84 0.02 0.00	8.98 0.03 0.00	9.78 0.04 0.00	10.64 0.03 0.00	18.41 0.09 0.00	18.72 0.07 0.00	9.49 0.03 0.00	10.46 0.08 0.00	7.27 0.05 0.00
DUNKIRK___115KV_TB_200 55889	8.98 0.08 -3.04	8.03 0.09 -2.80	7.93 0.12 -2.35	7.46 0.08 -2.30	7.54 0.09 -2.37	8.48 0.10 -2.41	10.70 0.07 -3.25	10.70 -0.09 -4.16	10.73 -0.12 -3.05	10.68 -0.16 -2.14	10.84 -0.11 -2.26	10.67 -0.09 -2.26	10.74 -0.16 -2.25	10.79 -0.11 -2.74	10.55 -0.11 -2.99	11.10 -0.16 -3.43	13.01 -0.17 -4.22	15.56 -0.30 -6.12	16.36 -0.29 -6.04	21.57 -0.59 -3.84	21.54 -0.67 -3.57	13.59 -0.23 -4.36	12.70 -0.16 -2.48	10.01 0.09 -2.71
DUNKIRK___1 23563	8.98 0.08 -3.04	8.03 0.09 -2.80	7.93 0.12 -2.35	7.46 0.08 -2.30	7.54 0.09 -2.37	8.48 0.10 -2.41	10.70 0.07 -3.25	10.70 -0.09 -4.16	10.73 -0.12 -3.05	10.68 -0.16 -2.14	10.84 -0.11 -2.26	10.67 -0.09 -2.26	10.74 -0.16 -2.25	10.79 -0.11 -2.74	10.55 -0.11 -2.99	11.10 -0.16 -3.43	13.01 -0.17 -4.22	15.56 -0.30 -6.12	16.36 -0.29 -6.04	21.57 -0.59 -3.84	21.54 -0.67 -3.57	13.59 -0.23 -4.36	12.70 -0.16 -2.48	10.01 0.09 -2.71
DUNKIRK___2 23564	8.98 0.08 -3.04	8.03 0.09 -2.80	7.93 0.12 -2.35	7.46 0.08 -2.30	7.54 0.09 -2.37	8.48 0.10 -2.41	10.70 0.07 -3.25	10.70 -0.09 -4.16	10.73 -0.12 -3.05	10.68 -0.16 -2.14	10.84 -0.11 -2.26	10.67 -0.09 -2.26	10.74 -0.16 -2.25	10.79 -0.11 -2.74	10.55 -0.11 -2.99	11.10 -0.16 -3.43	13.01 -0.17 -4.22	15.56 -0.30 -6.12	16.36 -0.29 -6.04	21.57 -0.59 -3.84	21.54 -0.67 -3.57	13.59 -0.23 -4.36	12.70 -0.16 -2.48	10.01 0.09 -2.71
DUNKIRK___3 23565	8.93 0.05 -3.02	7.99 0.07 -2.78	7.89 0.10 -2.33	7.42 0.06 -2.28	7.50 0.07 -2.35	8.43 0.07 -2.39	10.64 0.03 -3.23	10.64 -0.12 -4.13	10.66 -0.16 -3.03	10.62 -0.19 -2.12	10.78 -0.15 -2.24	10.62 -0.13 -2.24	10.68 -0.20 -2.23	10.73 -0.15 -2.72	10.49 -0.14 -2.97	11.03 -0.19 -3.40	12.93 -0.21 -4.18	15.48 -0.33 -6.06	16.26 -0.33 -5.98	21.46 -0.66 -3.80	21.44 -0.75 -3.53	13.52 -0.26 -4.32	12.64 -0.19 -2.45	9.96 0.06 -2.68
DUNKIRK___4 23566	8.93 0.05 -3.02	7.99 0.07 -2.78	7.89 0.10 -2.33	7.42 0.06 -2.28	7.50 0.07 -2.35	8.43 0.07 -2.39	10.64 0.03 -3.23	10.64 -0.12 -4.13	10.66 -0.16 -3.03	10.62 -0.19 -2.12	10.78 -0.15 -2.24	10.62 -0.13 -2.24	10.68 -0.20 -2.23	10.73 -0.15 -2.72	10.49 -0.14 -2.97	11.03 -0.19 -3.40	12.93 -0.21 -4.18	15.48 -0.33 -6.06	16.26 -0.33 -5.98	21.46 -0.66 -3.80	21.44 -0.75 -3.53	13.52 -0.26 -4.32	12.64 -0.19 -2.45	9.96 0.06 -2.68
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.75 0.35 -15.54	19.76 0.30 -14.32	17.79 0.32 -12.00	17.10 0.29 -11.73	17.47 0.30 -12.08	18.63 0.35 -12.32	24.43 0.43 -16.62	28.30 0.40 -21.27	23.85 0.52 -15.53	20.11 0.60 -10.82	20.71 0.59 -11.43	20.51 0.59 -11.41	20.67 0.62 -11.40	22.78 0.59 -14.03	23.63 0.54 -15.43	26.25 0.53 -17.89	31.80 0.59 -22.25	43.12 0.65 -32.73	43.14 0.71 -31.82	39.41 1.21 -19.88	37.87 1.21 -18.01	32.08 0.61 -22.02	23.53 0.64 -12.50	21.33 0.44 -13.68
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.16 0.30 -15.00	19.23 0.26 -13.82	17.32 0.27 -11.59	16.66 0.25 -11.32	17.00 0.26 -11.66	18.15 0.29 -11.89	23.79 0.37 -16.04	27.50 0.34 -20.53	23.20 0.43 -14.98	19.62 0.49 -10.44	20.20 0.48 -11.04	20.00 0.48 -11.02	20.15 0.50 -11.00	22.16 0.48 -13.52	22.96 0.45 -14.85	25.46 0.45 -17.19	30.79 0.50 -21.34	41.63 0.57 -31.32	41.75 0.63 -30.52	38.48 1.04 -19.12	37.11 1.08 -17.38	31.22 0.51 -21.26	23.01 0.56 -12.07	20.79 0.38 -13.21
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.87 0.47 -15.55	19.91 0.45 -14.32	17.95 0.48 -12.00	17.26 0.45 -11.73	17.62 0.46 -12.08	18.67 0.39 -12.32	24.34 0.34 -16.62	28.14 0.24 -21.27	23.64 0.32 -15.53	19.89 0.38 -10.82	20.48 0.36 -11.43	20.29 0.37 -11.41	20.44 0.40 -11.40	22.57 0.38 -14.03	23.43 0.34 -15.43	26.04 0.33 -17.89	31.57 0.36 -22.25	42.89 0.42 -32.73	42.88 0.46 -31.82	38.95 0.75 -19.88	37.42 0.76 -18.01	31.85 0.37 -22.02	23.47 0.59 -12.50	21.43 0.53 -13.69
E179THST_13_KV_LOAD 356214	21.90 0.49 -15.55	19.93 0.47 -14.32	17.97 0.50 -12.00	17.28 0.46 -11.73	17.64 0.47 -12.08	18.69 0.41 -12.32	24.37 0.37 -16.62	28.16 0.27 -21.27	23.68 0.36 -15.53	19.94 0.43 -10.82	20.53 0.41 -11.43	20.32 0.40 -11.41	20.49 0.44 -11.40	22.60 0.41 -14.03	23.46 0.38 -15.43	26.08 0.37 -17.89	31.61 0.40 -22.25	42.94 0.47 -32.73	42.94 0.51 -31.82	39.05 0.84 -19.88	37.52 0.86 -18.01	31.89 0.42 -22.02	23.52 0.63 -12.50	21.46 0.56 -13.69
EAST HAMPTON___GT 23717	22.85 0.67 -16.32	20.04 0.58 -14.32	18.09 0.62 -12.01	17.39 0.57 -11.74	17.77 0.61 -12.08	22.46 0.64 -15.85	27.37 0.77 -19.23	30.18 0.75 -22.80	31.00 0.97 -22.24	30.22 1.03 -20.50	30.47 0.92 -20.86	31.96 0.90 -22.55	32.42 0.94 -22.83	32.19 0.86 -23.18	34.23 0.81 -25.76	44.83 0.84 -36.16	45.78 1.02 -35.80	57.08 1.15 -46.19	50.87 1.24 -39.02	43.74 2.09 -23.34	40.58 2.11 -19.83	38.04 1.05 -27.54	32.44 0.99 -21.08	29.88 0.69 -21.97
EAST RIVER___6 23660	21.75 0.36 -15.54	19.77 0.31 -14.32	17.80 0.33 -12.00	17.12 0.30 -11.73	17.48 0.31 -12.08	18.64 0.35 -12.32	24.41 0.41 -16.62	28.30 0.40 -21.27	23.86 0.54 -15.53	20.13 0.62 -10.82	20.74 0.62 -11.43	20.54 0.62 -11.41	20.69 0.65 -11.40	22.80 0.61 -14.03	23.65 0.56 -15.43	26.25 0.54 -17.89	31.80 0.59 -22.25	43.13 0.66 -32.73	43.15 0.72 -31.82	39.45 1.25 -19.88	37.91 1.25 -18.01	32.10 0.62 -22.02	23.56 0.67 -12.50	21.36 0.45 -13.69

EAST RIVER___7 23524	21.75 0.36 -15.54	19.77 0.31 -14.32	17.80 0.33 -12.00	17.12 0.30 -11.73	17.48 0.31 -12.08	18.64 0.35 -12.32	24.41 0.41 -16.62	28.30 0.40 -21.27	23.86 0.54 -15.53	20.13 0.62 -10.82	20.74 0.62 -11.43	20.54 0.62 -11.41	20.69 0.65 -11.40	22.80 0.61 -14.03	23.65 0.56 -15.43	26.25 0.54 -17.89	31.80 0.59 -22.25	43.13 0.66 -32.73	43.15 0.72 -31.82	39.45 1.25 -19.88	37.91 1.25 -18.01	32.10 0.62 -22.02	23.56 0.67 -12.50	21.36 0.45 -13.69
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.71 0.35 -15.51	19.73 0.30 -14.29	17.76 0.31 -11.98	17.08 0.28 -11.71	17.43 0.29 -12.05	18.59 0.33 -12.30	24.38 0.41 -16.59	28.25 0.39 -21.23	23.79 0.50 -15.50	20.06 0.57 -10.80	20.67 0.57 -11.41	20.46 0.56 -11.39	20.62 0.60 -11.37	22.73 0.56 -14.00	23.58 0.52 -15.40	26.19 0.52 -17.86	31.74 0.57 -22.21	43.04 0.63 -32.66	43.05 0.69 -31.76	39.34 1.17 -19.84	37.80 1.17 -17.97	32.02 0.59 -21.98	23.48 0.62 -12.48	21.29 0.43 -13.65
EAST_HAMPTON___DIESEL 23722	22.86 0.68 -16.32	20.05 0.58 -14.32	18.09 0.62 -12.01	17.39 0.57 -11.74	17.77 0.61 -12.08	22.46 0.64 -15.85	27.38 0.77 -19.23	30.18 0.75 -22.80	31.00 0.97 -22.24	30.22 1.03 -20.50	30.48 0.93 -20.86	31.96 0.90 -22.55	32.42 0.94 -22.83	32.20 0.86 -23.18	34.23 0.81 -25.76	44.83 0.84 -36.16	45.78 1.02 -35.80	57.08 1.15 -46.19	50.87 1.24 -39.02	43.76 2.11 -23.34	40.58 2.11 -19.83	38.04 1.05 -27.54	32.44 0.99 -21.08	29.88 0.69 -21.97
EAST_PULASKI___ESR 323781	7.27 -0.04 -1.45	6.45 -0.04 -1.34	6.55 -0.04 -1.12	6.11 -0.07 -1.10	6.16 -0.06 -1.13	7.06 -0.05 -1.15	8.89 -0.04 -1.55	8.54 -0.08 -1.99	9.10 -0.12 -1.43	9.54 -0.16 -1.00	9.59 -0.16 -1.06	9.41 -0.15 -1.06	9.52 -0.18 -1.06	9.28 -0.16 -1.28	8.91 -0.15 -1.40	9.29 -0.14 -1.61	10.77 -0.16 -1.97	12.43 -0.18 -2.86	13.25 -0.18 -2.82	19.91 -0.20 -1.80	20.11 -0.21 -1.67	11.37 -0.12 -2.04	11.42 -0.11 -1.16	8.44 -0.04 -1.27
EAST_RIVER___1 323558	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.38 -12.32	24.45 0.46 -16.62	28.34 0.44 -21.27	23.89 0.57 -15.53	20.17 0.66 -10.82	20.76 0.64 -11.43	20.57 0.65 -11.41	20.72 0.68 -11.40	22.83 0.64 -14.03	23.67 0.58 -15.43	26.28 0.57 -17.89	31.83 0.63 -22.25	43.16 0.69 -32.73	43.18 0.75 -31.82	39.49 1.28 -19.88	37.94 1.29 -18.01	32.12 0.64 -22.02	23.60 0.72 -12.50	21.39 0.48 -13.69
EAST_RIVER___2 323559	21.75 0.36 -15.54	19.77 0.31 -14.32	17.80 0.33 -12.00	17.12 0.30 -11.73	17.48 0.31 -12.08	18.64 0.35 -12.32	24.41 0.41 -16.62	28.30 0.40 -21.27	23.86 0.54 -15.53	20.13 0.62 -10.82	20.74 0.62 -11.43	20.54 0.62 -11.41	20.69 0.65 -11.40	22.80 0.61 -14.03	23.65 0.56 -15.43	26.25 0.54 -17.89	31.80 0.59 -22.25	43.13 0.66 -32.73	43.15 0.72 -31.82	39.45 1.25 -19.88	37.91 1.25 -18.01	32.10 0.62 -22.02	23.56 0.67 -12.50	21.36 0.45 -13.69
EAST___DELAWARE_HYD 23607	20.01 0.28 -13.88	18.16 0.23 -12.78	16.42 0.23 -10.72	15.77 0.21 -10.48	16.09 0.22 -10.79	17.22 0.25 -11.00	22.54 0.32 -14.84	25.90 0.28 -18.99	21.98 0.35 -13.84	18.77 0.42 -9.66	19.30 0.41 -10.20	19.10 0.41 -10.19	19.24 0.42 -10.17	21.04 0.40 -12.48	21.54 0.19 -13.69	23.83 0.20 -15.81	28.79 0.24 -19.59	38.73 0.29 -28.69	38.97 0.34 -28.02	36.51 0.59 -17.61	35.77 1.04 -16.08	29.58 0.46 -19.66	22.05 0.51 -11.16	19.76 0.33 -12.21
EIGHT_POINT___WT_PWR 323820	9.53 0.39 -3.28	8.51 0.34 -3.02	8.39 0.39 -2.53	7.85 0.29 -2.48	7.95 0.32 -2.55	8.99 0.42 -2.60	11.45 0.56 -3.51	11.50 0.38 -4.49	11.80 0.46 -3.55	11.66 0.48 -2.49	11.74 0.43 -2.63	11.55 0.42 -2.62	11.62 0.35 -2.62	11.72 0.38 -3.19	11.51 0.38 -3.48	12.18 0.38 -3.97	14.31 0.47 -4.88	17.34 0.51 -7.09	18.23 0.64 -6.99	23.96 1.19 -4.45	24.05 1.27 -4.13	15.11 0.60 -5.06	13.97 0.72 -2.87	10.94 0.58 -3.14
ELBRIDGE_115KV_TB2 80188	7.85 -0.01 -2.00	6.97 -0.02 -1.84	7.00 -0.01 -1.54	6.56 -0.04 -1.51	6.61 -0.03 -1.55	7.53 -0.02 -1.58	9.50 -0.01 -2.14	9.33 -0.04 -2.74	9.65 -0.08 -1.94	9.96 -0.10 -1.36	10.04 -0.09 -1.44	9.86 -0.09 -1.43	9.98 -0.10 -1.43	9.82 -0.08 -1.74	9.49 -0.07 -1.90	9.93 -0.07 -2.18	11.55 -0.08 -2.68	13.52 -0.11 -3.88	14.32 -0.12 -3.83	20.59 -0.16 -2.44	20.76 -0.15 -2.26	12.14 -0.09 -2.77	11.87 -0.08 -1.57	8.92 -0.01 -1.72
ELEC_TRO_TEK 24086	22.64 0.46 -16.32	19.85 0.39 -14.32	17.87 0.40 -12.01	17.19 0.37 -11.74	17.55 0.39 -12.08	22.24 0.43 -15.85	27.14 0.53 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.91 0.71 -20.50	30.26 0.71 -20.86	31.76 0.70 -22.55	32.21 0.73 -22.83	32.02 0.69 -23.18	34.04 0.63 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.69 0.76 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.91 1.44 -19.83	37.73 0.74 -27.54	32.23 0.78 -21.08	29.73 0.54 -21.97
ELLENBURG_WT_PWR 323604	5.80 -0.06 0.00	5.09 -0.05 0.00	5.41 -0.05 0.00	5.06 -0.02 0.00	5.07 -0.02 0.00	5.94 -0.02 0.00	7.41 0.03 0.00	6.72 0.09 0.00	7.91 0.12 0.00	8.79 0.10 0.00	8.82 0.13 0.00	8.60 0.09 0.00	8.80 0.16 0.00	8.26 0.11 0.00	7.74 0.08 0.00	7.89 0.07 0.00	9.04 0.08 0.00	9.93 0.18 0.00	10.83 0.22 0.00	18.59 0.28 0.00	18.93 0.28 0.00	9.56 0.10 0.00	10.40 0.02 0.00	7.22 0.01 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	8.71 -0.02 -2.87	7.78 -0.01 -2.64	7.71 0.03 -2.22	7.24 -0.01 -2.17	7.32 0.01 -2.23	8.23 -0.01 -2.28	10.37 -0.08 -3.07	10.32 -0.23 -3.93	10.37 -0.29 -2.87	10.36 -0.34 -2.01	10.51 -0.30 -2.12	10.36 -0.27 -2.12	10.41 -0.35 -2.12	10.44 -0.29 -2.58	10.19 -0.28 -2.81	10.72 -0.32 -3.22	12.55 -0.37 -3.96	14.97 -0.52 -5.75	15.73 -0.54 -5.67	20.90 -1.03 -3.61	20.90 -1.10 -3.35	13.14 -0.42 -4.09	12.36 -0.34 -2.32	9.74 -0.02 -2.54
EMPIRE_CC_1 323656	24.62 0.18 -18.58	22.44 0.17 -17.12	20.01 0.19 -14.36	19.28 0.17 -14.03	19.70 0.16 -14.45	20.89 0.19 -14.74	27.46 0.21 -19.88	32.23 0.16 -25.44	26.31 0.20 -18.32	21.86 0.23 -12.94	22.62 0.26 -13.67	22.40 0.25 -13.65	22.49 0.22 -13.63	24.68 0.20 -16.32	25.46 0.20 -17.61	27.86 0.22 -19.82	33.14 0.26 -23.92	44.01 0.28 -33.99	45.14 0.27 -34.27	41.17 0.46 -22.39	40.65 0.47 -21.54	36.04 0.26 -26.33	25.63 0.30 -14.95	23.80 0.23 -16.36
EMPIRE_CC_2 323658	24.62 0.18 -18.58	22.44 0.17 -17.12	20.01 0.19 -14.36	19.28 0.17 -14.03	19.70 0.16 -14.45	20.89 0.19 -14.74	27.46 0.21 -19.88	32.23 0.16 -25.44	26.31 0.20 -18.32	21.86 0.23 -12.94	22.62 0.26 -13.67	22.40 0.25 -13.65	22.49 0.22 -13.63	24.68 0.20 -16.32	25.46 0.20 -17.61	27.86 0.22 -19.82	33.14 0.26 -23.92	44.01 0.28 -33.99	45.14 0.27 -34.27	41.17 0.46 -22.39	40.65 0.47 -21.54	36.04 0.26 -26.33	25.63 0.30 -14.95	23.80 0.23 -16.36
ENORWICH_115KV_TB1 80156	11.20 0.45 -4.90	10.07 0.41 -4.51	9.67 0.42 -3.79	9.07 0.29 -3.70	9.21 0.32 -3.81	10.28 0.43 -3.88	13.19 0.57 -5.24	13.75 0.41 -6.71	13.10 0.37 -4.93	12.56 0.42 -3.46	12.69 0.35 -3.65	12.48 0.32 -3.65	12.58 0.29 -3.64	12.84 0.25 -4.43	12.74 0.25 -4.83	13.69 0.34 -5.53	16.20 0.45 -6.80	20.20 0.58 -9.87	21.05 0.71 -9.73	26.12 1.61 -6.19	26.02 1.62 -5.75	17.15 0.66 -7.03	15.08 0.71 -3.99	12.12 0.53 -4.37

ERIE_ST__34_KV_TB1-2 80199	8.78 -0.04 -2.96	7.85 -0.02 -2.73	7.76 0.01 -2.29	7.29 -0.03 -2.23	7.37 -0.02 -2.30	8.28 -0.03 -2.35	10.45 -0.10 -3.16	10.44 -0.24 -4.05	10.47 -0.29 -2.96	10.44 -0.33 -2.08	10.59 -0.29 -2.19	10.43 -0.26 -2.19	10.50 -0.34 -2.19	10.55 -0.27 -2.66	10.32 -0.25 -2.90	10.85 -0.30 -3.33	12.73 -0.32 -4.09	15.21 -0.47 -5.94	15.99 -0.47 -5.86	21.15 -0.90 -3.73	21.12 -0.99 -3.46	13.30 -0.39 -4.23	12.45 -0.33 -2.40	9.80 -0.04 -2.63
ERIE_WT_PWR 323693	8.80 0.01 -2.93	7.87 0.02 -2.70	7.78 0.05 -2.27	7.31 0.01 -2.21	7.39 0.03 -2.28	8.30 0.01 -2.33	10.46 -0.05 -3.14	10.44 -0.20 -4.01	10.48 -0.25 -2.93	10.45 -0.30 -2.06	10.58 -0.28 -2.17	10.44 -0.24 -2.17	10.50 -0.31 -2.17	10.55 -0.24 -2.64	10.31 -0.23 -2.88	10.84 -0.28 -3.30	12.70 -0.31 -4.05	15.17 -0.46 -5.88	15.94 -0.47 -5.80	21.11 -0.90 -3.69	21.09 -0.99 -3.43	13.27 -0.37 -4.19	12.48 -0.28 -2.38	9.82 0.01 -2.60
ESPRGFLD_115KV_TB1 80157	3.52 0.29 2.64	2.97 0.26 2.43	3.69 0.27 2.04	3.30 0.21 1.99	3.27 0.23 2.05	4.17 0.29 2.09	4.96 0.40 2.82	3.37 0.35 3.61	5.53 0.37 2.63	7.25 0.38 1.82	7.15 0.38 1.92	6.95 0.37 1.92	7.09 0.36 1.92	6.09 0.33 2.40	5.32 0.32 2.66	5.05 0.36 3.14	5.45 0.45 3.96	4.35 0.52 5.91	5.55 0.59 5.65	16.04 1.17 3.46	16.77 1.16 3.03	6.28 0.53 3.71	8.81 0.54 2.11	5.29 0.38 2.30
ETNA_115_KV_TB1_REV_LBMP_C 345029	9.71 0.16 -3.69	8.69 0.14 -3.40	8.47 0.15 -2.85	7.97 0.10 -2.79	8.07 0.11 -2.87	9.04 0.16 -2.93	11.54 0.21 -3.95	11.82 0.14 -5.05	11.67 0.12 -3.76	11.45 0.12 -2.63	11.56 0.10 -2.78	11.37 0.09 -2.78	11.48 0.06 -2.77	11.61 0.07 -3.37	11.42 0.08 -3.68	12.13 0.09 -4.21	14.26 0.13 -5.18	17.41 0.16 -7.51	18.22 0.20 -7.41	23.45 0.42 -4.71	23.49 0.47 -4.38	15.02 0.21 -5.35	13.66 0.24 -3.04	10.75 0.21 -3.32
ETNA____115KV_TB2 80207	9.71 0.16 -3.69	8.69 0.14 -3.40	8.47 0.15 -2.85	7.97 0.10 -2.79	8.07 0.11 -2.87	9.04 0.16 -2.93	11.54 0.21 -3.95	11.82 0.14 -5.05	11.67 0.12 -3.76	11.45 0.12 -2.63	11.56 0.10 -2.78	11.37 0.09 -2.78	11.48 0.06 -2.77	11.61 0.07 -3.37	11.42 0.08 -3.68	12.13 0.09 -4.21	14.26 0.13 -5.18	17.41 0.16 -7.51	18.22 0.20 -7.41	23.45 0.42 -4.71	23.49 0.47 -4.38	15.02 0.21 -5.35	13.66 0.24 -3.04	10.75 0.21 -3.32
EUCLID____115KV_TB2 356179	7.45 -0.05 -1.64	6.60 -0.05 -1.51	6.68 -0.05 -1.27	6.25 -0.07 -1.24	6.30 -0.06 -1.27	7.20 -0.07 -1.30	9.06 -0.07 -1.75	8.77 -0.11 -2.24	9.26 -0.14 -1.61	9.66 -0.16 -1.13	9.73 -0.15 -1.19	9.55 -0.14 -1.19	9.67 -0.16 -1.19	9.47 -0.14 -1.45	9.12 -0.12 -1.58	9.51 -0.12 -1.81	11.04 -0.14 -2.22	12.79 -0.18 -3.23	13.60 -0.19 -3.18	20.03 -0.31 -2.02	20.23 -0.30 -1.88	11.60 -0.15 -2.30	11.54 -0.15 -1.31	8.58 -0.06 -1.43
E_CANADA_CAP_HY 24051	30.40 0.35 -24.19	27.74 0.30 -22.29	24.48 0.32 -18.69	23.62 0.27 -18.27	24.18 0.28 -18.81	25.51 0.36 -19.18	33.75 0.49 -25.87	40.18 0.44 -33.12	32.26 0.48 -23.99	26.00 0.47 -16.84	26.94 0.46 -17.80	26.72 0.44 -17.77	26.82 0.43 -17.74	30.07 0.41 -21.50	31.45 0.40 -23.39	34.93 0.43 -26.68	42.13 0.54 -32.63	57.48 0.63 -47.10	58.06 0.74 -46.72	49.67 1.43 -29.92	48.12 1.44 -28.04	44.41 0.67 -34.28	30.54 0.70 -19.47	28.98 0.47 -21.30
E_CANADA_MHWK_HY 24050	5.90 0.04 0.00	5.18 0.04 0.00	5.50 0.04 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.01 0.05 0.00	7.44 0.07 0.00	6.64 0.01 0.00	7.80 0.01 0.00	8.74 0.05 0.00	8.70 0.01 0.00	8.53 0.02 0.00	8.67 0.02 0.00	8.17 0.01 0.00	7.67 0.01 0.00	7.84 0.02 0.00	8.98 0.03 0.00	9.78 0.04 0.00	10.64 0.03 0.00	18.41 0.09 0.00	18.72 0.07 0.00	9.49 0.03 0.00	10.46 0.08 0.00	7.27 0.05 0.00
E_FISHKILL____LBMP 23776	22.01 0.30 -15.84	20.00 0.26 -14.60	17.98 0.27 -12.24	17.29 0.25 -11.96	17.66 0.26 -12.32	18.82 0.29 -12.56	24.68 0.36 -16.94	28.65 0.33 -21.69	24.06 0.43 -15.84	20.21 0.49 -11.03	20.83 0.49 -11.66	20.62 0.48 -11.64	20.77 0.50 -11.62	22.95 0.48 -14.31	23.84 0.44 -15.73	26.51 0.44 -18.25	32.15 0.49 -22.70	43.67 0.54 -33.39	43.66 0.59 -32.46	39.59 0.99 -20.28	38.02 1.01 -18.36	32.41 0.50 -22.45	23.67 0.54 -12.75	21.53 0.37 -13.95
FALCON____SEABRD_CC1 323796	5.85 -0.01 0.00	5.14 -0.01 0.00	5.45 -0.01 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.00 0.04 0.00	7.49 0.11 0.00	6.80 0.17 0.00	8.02 0.23 0.00	8.89 0.20 0.00	8.92 0.23 0.00	8.70 0.20 0.00	8.92 0.27 0.00	8.37 0.21 0.00	7.84 0.18 0.00	7.99 0.16 0.00	9.14 0.19 0.00	10.07 0.32 0.00	10.99 0.38 0.00	18.85 0.53 0.00	19.19 0.54 0.00	9.69 0.24 0.00	10.52 0.15 0.00	7.30 0.09 0.00
FALCON____SEABRD_CC2 323797	5.85 -0.01 0.00	5.14 -0.01 0.00	5.45 -0.01 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.00 0.04 0.00	7.49 0.11 0.00	6.80 0.17 0.00	8.02 0.23 0.00	8.89 0.20 0.00	8.92 0.23 0.00	8.70 0.20 0.00	8.92 0.27 0.00	8.37 0.21 0.00	7.84 0.18 0.00	7.99 0.16 0.00	9.14 0.19 0.00	10.07 0.32 0.00	10.99 0.38 0.00	18.85 0.53 0.00	19.19 0.54 0.00	9.69 0.24 0.00	10.52 0.15 0.00	7.30 0.09 0.00
FAR ROCKAWAY____4 23548	22.73 0.54 -16.32	19.92 0.46 -14.32	17.94 0.47 -12.01	17.25 0.44 -11.74	17.63 0.46 -12.08	22.32 0.51 -15.85	27.23 0.63 -19.23	30.00 0.57 -22.80	30.75 0.72 -22.24	30.01 0.82 -20.50	30.35 0.80 -20.86	31.85 0.79 -22.55	32.30 0.82 -22.83	32.12 0.78 -23.18	34.14 0.73 -25.76	44.63 0.65 -36.16	45.51 0.75 -35.80	56.76 0.83 -46.19	50.54 0.91 -39.02	43.20 1.54 -23.34	40.04 1.57 -19.83	37.78 0.78 -27.54	32.40 0.94 -21.08	29.83 0.64 -21.97
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.79 0.39 -15.54	19.80 0.34 -14.32	17.82 0.35 -12.00	17.14 0.33 -11.73	17.50 0.33 -12.08	18.67 0.38 -12.32	24.47 0.47 -16.62	28.34 0.44 -21.27	23.90 0.58 -15.53	20.18 0.67 -10.82	20.78 0.66 -11.43	20.58 0.66 -11.41	20.74 0.69 -11.40	22.84 0.64 -14.03	23.68 0.60 -15.43	26.29 0.58 -17.89	31.84 0.64 -22.25	43.18 0.71 -32.73	43.19 0.76 -31.82	39.49 1.28 -19.88	37.94 1.29 -18.01	32.13 0.65 -22.02	23.61 0.73 -12.50	21.39 0.49 -13.69
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.79 0.39 -15.54	19.80 0.34 -14.32	17.82 0.35 -12.00	17.14 0.33 -11.73	17.50 0.33 -12.08	18.67 0.38 -12.32	24.47 0.47 -16.62	28.34 0.44 -21.27	23.90 0.58 -15.53	20.18 0.67 -10.82	20.78 0.66 -11.43	20.58 0.66 -11.41	20.74 0.69 -11.40	22.84 0.64 -14.03	23.68 0.60 -15.43	26.29 0.58 -17.89	31.84 0.64 -22.25	43.18 0.71 -32.73	43.19 0.76 -31.82	39.50 1.30 -19.88	37.96 1.31 -18.01	32.13 0.65 -22.02	23.61 0.73 -12.50	21.39 0.49 -13.69
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.79 0.39 -15.54	19.80 0.34 -14.32	17.82 0.35 -12.00	17.13 0.32 -11.73	17.50 0.33 -12.08	18.66 0.38 -12.32	24.46 0.46 -16.62	28.34 0.44 -21.27	23.90 0.58 -15.53	20.18 0.67 -10.82	20.77 0.65 -11.43	20.57 0.65 -11.41	20.73 0.68 -11.40	22.84 0.64 -14.03	23.68 0.59 -15.43	26.29 0.58 -17.89	31.84 0.64 -22.25	43.17 0.70 -32.73	43.18 0.75 -31.82	39.49 1.28 -19.88	37.94 1.29 -18.01	32.13 0.65 -22.02	23.60 0.72 -12.50	21.39 0.49 -13.69

FARRAGUT___LBMP 323566	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.38 -12.32	24.45 0.46 -16.62	28.34 0.44 -21.27	23.89 0.57 -15.53	20.17 0.66 -10.82	20.76 0.64 -11.43	20.56 0.64 -11.41	20.72 0.67 -11.40	22.83 0.64 -14.03	23.67 0.58 -15.43	26.28 0.57 -17.89	31.84 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.59 0.71 -12.50	21.39 0.48 -13.69
FENNER___WINDPWR 24204	8.06 0.11 -2.09	7.17 0.10 -1.93	7.18 0.10 -1.62	6.72 0.06 -1.58	6.78 0.07 -1.63	7.73 0.10 -1.66	9.76 0.14 -2.24	9.57 0.08 -2.86	9.95 0.06 -2.09	10.24 0.08 -1.47	10.29 0.05 -1.55	10.11 0.05 -1.55	10.24 0.04 -1.54	10.08 0.04 -1.88	9.76 0.05 -2.05	10.25 0.08 -2.35	11.95 0.11 -2.89	14.07 0.14 -4.19	14.88 0.15 -4.13	21.33 0.39 -2.63	21.48 0.39 -2.44	12.59 0.15 -2.99	12.25 0.18 -1.70	9.22 0.15 -1.85
FIBERTEK___ENERGY 23856	7.77 0.01 -1.90	6.90 0.00 -1.75	6.95 0.01 -1.47	6.49 -0.03 -1.44	6.55 -0.02 -1.48	7.47 0.00 -1.51	9.42 0.01 -2.04	9.21 -0.03 -2.61	9.59 -0.06 -1.86	9.93 -0.06 -1.30	10.00 -0.06 -1.37	9.82 -0.06 -1.37	9.93 -0.09 -1.37	9.77 -0.06 -1.67	9.43 -0.05 -1.82	9.87 -0.04 -2.08	11.46 -0.05 -2.56	13.38 -0.08 -3.72	14.19 -0.08 -3.67	20.54 -0.11 -2.33	20.72 -0.09 -2.17	12.05 -0.06 -2.65	11.84 -0.04 -1.50	8.87 0.01 -1.65
FITZPATRICK____ 23598	7.04 -0.15 -1.33	6.23 -0.13 -1.22	6.35 -0.14 -1.02	5.94 -0.15 -1.00	5.98 -0.14 -1.03	6.86 -0.16 -1.05	8.61 -0.19 -1.42	8.25 -0.20 -1.82	8.84 -0.26 -1.31	9.32 -0.29 -0.92	9.37 -0.29 -0.97	9.19 -0.28 -0.97	9.31 -0.30 -0.97	9.06 -0.27 -1.17	8.70 -0.25 -1.28	9.04 -0.25 -1.47	10.47 -0.29 -1.80	12.03 -0.33 -2.62	12.83 -0.36 -2.58	19.36 -0.60 -1.64	19.58 -0.60 -1.53	11.02 -0.30 -1.86	11.13 -0.31 -1.06	8.19 -0.18 -1.16
FLOWRFLD_69_KV_BK1 356044	22.71 0.53 -16.32	19.91 0.44 -14.32	17.94 0.46 -12.01	17.25 0.43 -11.74	17.63 0.46 -12.08	22.31 0.50 -15.85	27.20 0.60 -19.23	30.02 0.59 -22.80	30.78 0.75 -22.24	29.99 0.80 -20.50	30.31 0.76 -20.86	31.80 0.74 -22.55	32.25 0.77 -22.83	32.05 0.71 -23.18	34.07 0.66 -25.76	44.65 0.66 -36.16	45.56 0.80 -35.80	56.81 0.88 -46.19	50.57 0.94 -39.02	43.27 1.61 -23.34	40.10 1.62 -19.83	37.82 0.82 -27.54	32.25 0.80 -21.08	29.76 0.58 -21.97
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.72 0.35 -15.52	19.74 0.30 -14.30	17.76 0.31 -11.99	17.09 0.28 -11.72	17.44 0.29 -12.06	18.61 0.33 -12.31	24.39 0.41 -16.60	28.27 0.38 -21.26	23.78 0.48 -15.51	20.05 0.55 -10.81	20.65 0.54 -11.43	20.45 0.54 -11.41	20.60 0.56 -11.39	22.69 0.54 -14.00	23.53 0.51 -15.37	26.11 0.50 -17.78	31.60 0.58 -22.06	42.76 0.64 -32.37	42.88 0.72 -31.55	39.28 1.19 -19.77	37.87 1.23 -17.99	32.04 0.59 -21.99	23.50 0.63 -12.49	21.30 0.42 -13.66
FORT ORANGE____ 23900	25.24 0.25 -19.13	22.99 0.22 -17.62	20.48 0.23 -14.78	19.74 0.21 -14.44	20.17 0.21 -14.87	21.39 0.26 -15.17	28.15 0.32 -20.46	33.08 0.27 -26.18	27.04 0.32 -18.93	22.35 0.35 -13.31	23.09 0.34 -14.07	22.89 0.33 -14.05	23.00 0.33 -14.03	25.41 0.32 -16.93	26.33 0.31 -18.37	29.01 0.32 -20.86	34.74 0.38 -25.41	46.66 0.42 -36.50	47.45 0.46 -36.39	42.58 0.81 -23.46	41.61 0.80 -22.16	36.96 0.41 -27.10	26.22 0.46 -15.39	24.37 0.32 -16.84
FORT_DRUM_COGEN 23780	6.94 0.08 -1.00	6.14 0.07 -0.93	6.31 0.07 -0.78	5.84 0.00 -0.76	5.89 0.02 -0.78	6.81 0.05 -0.80	8.56 0.11 -1.07	8.07 0.07 -1.38	8.78 0.00 -0.99	9.34 -0.04 -0.69	9.36 -0.06 -0.73	9.17 -0.07 -0.73	9.30 -0.08 -0.73	8.95 -0.10 -0.89	8.52 -0.11 -0.97	8.86 -0.07 -1.11	10.29 -0.04 -1.37	11.77 0.04 -1.98	12.66 0.10 -1.96	20.02 0.46 -1.24	20.27 0.47 -1.16	11.01 0.14 -1.41	11.33 0.15 -0.80	8.20 0.11 -0.88
FPL_FAR_ROCK_GT1 24212	22.73 0.54 -16.32	19.92 0.46 -14.32	17.94 0.47 -12.01	17.25 0.44 -11.74	17.63 0.46 -12.08	22.32 0.51 -15.85	27.23 0.63 -19.23	30.00 0.57 -22.80	30.75 0.72 -22.24	30.01 0.82 -20.50	30.35 0.80 -20.86	31.85 0.79 -22.55	32.30 0.82 -22.83	32.12 0.78 -23.18	34.14 0.73 -25.76	44.71 0.73 -36.16	45.51 0.75 -35.80	56.76 0.83 -46.19	50.54 0.91 -39.02	43.21 1.56 -23.34	40.06 1.58 -19.83	37.77 0.78 -27.54	32.40 0.94 -21.08	29.83 0.64 -21.97
FPL_FAR_ROCK_GT2 23815	22.73 0.54 -16.32	19.92 0.46 -14.32	17.94 0.47 -12.01	17.25 0.44 -11.74	17.63 0.46 -12.08	22.32 0.51 -15.85	27.23 0.63 -19.23	30.00 0.57 -22.80	30.75 0.72 -22.24	30.01 0.82 -20.50	30.35 0.80 -20.86	31.85 0.79 -22.55	32.30 0.82 -22.83	32.12 0.78 -23.18	34.14 0.73 -25.76	44.71 0.73 -36.16	45.51 0.75 -35.80	56.76 0.83 -46.19	50.54 0.91 -39.02	43.21 1.56 -23.34	40.06 1.58 -19.83	37.77 0.78 -27.54	32.40 0.94 -21.08	29.83 0.64 -21.97
FRANKLIN_FALL_HYD 24054	5.81 -0.05 0.00	5.11 -0.04 0.00	5.41 -0.05 0.00	5.07 -0.01 0.00	5.08 -0.01 0.00	5.96 0.00 0.00	7.45 0.07 0.00	6.74 0.11 0.00	7.92 0.13 0.00	8.81 0.12 0.00	8.80 0.11 0.00	8.59 0.09 0.00	8.80 0.15 0.00	8.26 0.10 0.00	7.71 0.05 0.00	7.86 0.04 0.00	9.01 0.05 0.00	9.91 0.17 0.00	10.82 0.21 0.00	18.58 0.26 0.00	18.93 0.28 0.00	9.58 0.12 0.00	10.43 0.05 0.00	7.23 0.01 0.00
FREEPORT_EQUS_GT1 23764	22.68 0.50 -16.32	19.89 0.42 -14.32	17.91 0.44 -12.01	17.22 0.40 -11.74	17.59 0.42 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.97 0.54 -22.80	30.73 0.69 -22.24	29.96 0.77 -20.50	30.31 0.76 -20.86	31.81 0.75 -22.55	32.26 0.78 -22.83	32.07 0.73 -23.18	34.09 0.67 -25.76	44.65 0.66 -36.16	45.49 0.73 -35.80	56.73 0.80 -46.19	50.51 0.88 -39.02	43.16 1.50 -23.34	40.00 1.53 -19.83	37.79 0.79 -27.54	32.32 0.86 -21.08	29.78 0.59 -21.97
FREEPORT___CT2 23818	22.68 0.50 -16.32	19.89 0.42 -14.32	17.91 0.44 -12.01	17.22 0.40 -11.74	17.59 0.42 -12.08	22.28 0.47 -15.85	27.19 0.58 -19.23	29.97 0.54 -22.80	30.73 0.69 -22.24	29.96 0.77 -20.50	30.31 0.76 -20.86	31.81 0.75 -22.55	32.26 0.78 -22.83	32.07 0.73 -23.18	34.09 0.67 -25.76	44.65 0.66 -36.16	45.49 0.73 -35.80	56.73 0.80 -46.19	50.51 0.88 -39.02	43.16 1.50 -23.34	40.00 1.53 -19.83	37.79 0.79 -27.54	32.32 0.86 -21.08	29.78 0.59 -21.97
FRESHKLS_33_KV_LOAD 356253	21.84 0.45 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.16 0.35 -11.73	17.52 0.35 -12.08	18.67 0.38 -12.32	24.47 0.47 -16.62	28.35 0.44 -21.28	23.88 0.55 -15.54	20.14 0.63 -10.83	20.75 0.63 -11.44	20.54 0.61 -11.42	20.69 0.64 -11.40	22.80 0.60 -14.04	23.65 0.56 -15.44	26.27 0.55 -17.90	31.83 0.61 -22.26	43.16 0.70 -32.72	43.15 0.73 -31.82	39.42 1.23 -19.88	37.88 1.23 -18.00	32.12 0.63 -22.03	23.66 0.78 -12.50	21.45 0.55 -13.69
FULTON COGEN____ 23766	7.40 -0.05 -1.59	6.56 -0.05 -1.47	6.64 -0.05 -1.23	6.21 -0.08 -1.20	6.25 -0.07 -1.24	7.16 -0.07 -1.26	9.01 -0.07 -1.70	8.71 -0.10 -2.18	9.22 -0.14 -1.56	9.62 -0.17 -1.10	9.68 -0.17 -1.16	9.50 -0.16 -1.16	9.62 -0.18 -1.16	9.41 -0.16 -1.41	9.05 -0.14 -1.53	9.44 -0.14 -1.76	10.95 -0.16 -2.16	12.68 -0.19 -3.13	13.48 -0.21 -3.09	19.95 -0.33 -1.97	20.16 -0.32 -1.83	11.53 -0.16 -2.23	11.49 -0.16 -1.27	8.54 -0.06 -1.39

FULTON___LFGE 323630	29.12 0.50 -22.77	26.55 0.43 -20.98	23.51 0.46 -17.59	22.68 0.41 -17.19	23.20 0.42 -17.70	24.55 0.54 -18.05	32.47 0.74 -24.35	38.35 0.56 -31.17	30.99 0.63 -22.57	25.19 0.65 -15.85	25.99 0.56 -16.75	25.76 0.53 -16.72	25.87 0.53 -16.70	28.87 0.50 -20.22	30.13 0.49 -21.98	33.42 0.55 -25.05	40.23 0.66 -30.61	54.70 0.82 -44.14	55.36 0.93 -43.82	48.22 1.80 -28.11	46.82 1.79 -26.38	42.55 0.83 -32.26	29.76 1.06 -18.32	27.96 0.70 -20.04
G.F.CEMENT___DRP 24184	26.23 0.33 -20.04	23.89 0.29 -18.46	21.29 0.34 -15.48	20.52 0.31 -15.13	20.98 0.32 -15.58	22.25 0.39 -15.89	29.34 0.53 -21.43	34.53 0.47 -27.43	28.16 0.55 -19.82	23.21 0.56 -13.95	23.97 0.55 -14.74	23.78 0.55 -14.72	23.83 0.49 -14.69	26.35 0.47 -17.72	27.32 0.44 -19.22	30.07 0.44 -21.81	36.02 0.52 -26.54	48.42 0.59 -38.08	49.26 0.65 -38.00	44.06 1.21 -24.53	43.08 1.21 -23.22	38.44 0.60 -28.39	27.19 0.70 -16.12	25.31 0.45 -17.64
GARDENVILLE___LBMP 24039	8.77 -0.01 -2.93	7.84 0.01 -2.70	7.76 0.03 -2.26	7.29 -0.01 -2.21	7.37 0.01 -2.27	8.28 0.00 -2.32	10.43 -0.07 -3.13	10.41 -0.22 -4.00	10.44 -0.27 -2.93	10.42 -0.32 -2.05	10.58 -0.28 -2.17	10.42 -0.26 -2.16	10.48 -0.33 -2.16	10.52 -0.27 -2.63	10.27 -0.25 -2.87	10.81 -0.31 -3.29	12.66 -0.34 -4.04	15.12 -0.49 -5.86	15.89 -0.50 -5.78	21.05 -0.95 -3.68	21.04 -1.03 -3.42	13.24 -0.40 -4.18	12.44 -0.31 -2.37	9.80 -0.01 -2.60
GARDNVLA_35_KV_LD 355827	8.81 0.02 -2.94	7.88 0.03 -2.71	7.79 0.05 -2.27	7.31 0.02 -2.22	7.40 0.03 -2.28	8.32 0.02 -2.33	10.48 -0.04 -3.14	10.46 -0.19 -4.02	10.50 -0.23 -2.94	10.48 -0.27 -2.06	10.63 -0.23 -2.18	10.48 -0.20 -2.17	10.54 -0.28 -2.17	10.58 -0.22 -2.64	10.33 -0.21 -2.88	10.87 -0.26 -3.30	12.73 -0.29 -4.06	15.20 -0.43 -5.89	15.98 -0.43 -5.81	21.17 -0.84 -3.70	21.15 -0.93 -3.43	13.31 -0.34 -4.20	12.50 -0.26 -2.38	9.84 0.02 -2.61
GELCKHM__115KV_LOAD 80723	7.56 -0.04 -1.74	6.71 -0.04 -1.60	6.78 -0.03 -1.34	6.34 -0.06 -1.31	6.39 -0.05 -1.35	7.30 -0.04 -1.38	9.19 -0.04 -1.86	8.94 -0.07 -2.38	9.39 -0.11 -1.70	9.76 -0.12 -1.19	9.84 -0.11 -1.26	9.66 -0.11 -1.26	9.78 -0.13 -1.26	9.58 -0.11 -1.53	9.24 -0.09 -1.67	9.65 -0.09 -1.91	11.20 -0.11 -2.35	13.02 -0.14 -3.41	13.82 -0.15 -3.36	20.22 -0.24 -2.14	20.41 -0.22 -1.99	11.77 -0.11 -2.43	11.64 -0.11 -1.38	8.69 -0.04 -1.51
GENERAL___MILLS 23808	8.80 0.01 -2.93	7.86 0.02 -2.70	7.77 0.04 -2.27	7.30 0.01 -2.21	7.39 0.02 -2.28	8.30 0.01 -2.33	10.46 -0.05 -3.14	10.44 -0.21 -4.01	10.47 -0.26 -2.93	10.45 -0.30 -2.06	10.60 -0.26 -2.17	10.44 -0.24 -2.17	10.50 -0.25 -2.17	10.54 -0.22 -2.64	10.31 -0.23 -2.88	10.84 -0.28 -3.30	12.70 -0.31 -4.05	15.17 -0.46 -5.88	15.93 -0.48 -5.80	21.09 -0.92 -3.69	21.09 -0.99 -3.43	13.28 -0.37 -4.19	12.47 -0.29 -2.38	9.83 0.01 -2.60
GE_PLASTICS___DRP 24183	25.25 0.22 -19.17	23.00 0.19 -17.67	20.48 0.20 -14.81	19.74 0.18 -14.48	20.18 0.19 -14.90	21.39 0.22 -15.20	28.15 0.27 -20.51	33.11 0.23 -26.24	27.06 0.28 -18.99	22.34 0.30 -13.35	23.09 0.30 -14.10	22.89 0.30 -14.08	23.00 0.29 -14.06	25.44 0.29 -17.00	26.39 0.27 -18.46	29.11 0.28 -21.01	34.91 0.32 -25.63	46.98 0.35 -36.89	47.67 0.37 -36.70	42.57 0.66 -23.59	41.52 0.65 -22.22	36.96 0.34 -27.17	26.19 0.38 -15.42	24.36 0.27 -16.88
GILBOA___1 23756	21.32 0.18 -15.28	19.39 0.16 -14.08	17.44 0.17 -11.81	16.77 0.15 -11.54	17.12 0.15 -11.88	18.26 0.18 -12.12	23.95 0.22 -16.35	27.74 0.19 -20.92	23.22 0.23 -15.19	19.60 0.26 -10.64	20.19 0.25 -11.25	19.99 0.26 -11.23	20.12 0.26 -11.21	22.05 0.24 -13.64	22.77 0.23 -14.88	25.11 0.23 -17.05	30.18 0.27 -20.96	40.40 0.25 -30.40	40.87 0.28 -29.99	37.87 0.48 -19.08	36.85 0.48 -17.72	31.40 0.28 -21.66	22.99 0.31 -12.30	20.90 0.22 -13.46
GILBOA___2 23757	21.32 0.18 -15.28	19.39 0.16 -14.08	17.44 0.17 -11.81	16.77 0.15 -11.54	17.12 0.15 -11.88	18.26 0.18 -12.12	23.95 0.22 -16.35	27.74 0.19 -20.92	23.22 0.23 -15.19	19.60 0.26 -10.64	20.19 0.25 -11.25	19.99 0.26 -11.23	20.12 0.26 -11.21	22.05 0.24 -13.64	22.77 0.23 -14.88	25.11 0.23 -17.05	30.18 0.27 -20.96	40.40 0.25 -30.40	40.87 0.28 -29.99	37.87 0.48 -19.08	36.85 0.48 -17.72	31.40 0.28 -21.66	22.99 0.31 -12.30	20.90 0.22 -13.46
GILBOA___3 23758	21.32 0.18 -15.28	19.39 0.16 -14.08	17.44 0.17 -11.81	16.77 0.15 -11.54	17.12 0.15 -11.88	18.26 0.18 -12.12	23.95 0.22 -16.35	27.74 0.19 -20.92	23.22 0.23 -15.19	19.60 0.26 -10.64	20.19 0.25 -11.25	19.99 0.26 -11.23	20.12 0.26 -11.21	22.05 0.24 -13.64	22.77 0.23 -14.88	25.11 0.23 -17.05	30.18 0.27 -20.96	40.40 0.25 -30.40	40.87 0.28 -29.99	37.87 0.48 -19.08	36.85 0.48 -17.72	31.40 0.28 -21.66	22.99 0.31 -12.30	20.90 0.22 -13.46
GILBOA___4 23759	21.32 0.18 -15.28	19.39 0.16 -14.08	17.44 0.17 -11.81	16.77 0.15 -11.54	17.12 0.15 -11.88	18.26 0.18 -12.12	23.95 0.22 -16.35	27.74 0.19 -20.92	23.22 0.23 -15.19	19.60 0.26 -10.64	20.19 0.25 -11.25	19.99 0.26 -11.23	20.12 0.26 -11.21	22.05 0.24 -13.64	22.77 0.23 -14.88	25.11 0.23 -17.05	30.18 0.27 -20.96	40.40 0.25 -30.40	40.87 0.28 -29.99	37.87 0.48 -19.08	36.85 0.48 -17.72	31.40 0.28 -21.66	22.99 0.31 -12.30	20.90 0.22 -13.46
GILBOA___ 23599	21.32 0.18 -15.28	19.39 0.16 -14.08	17.44 0.17 -11.81	16.77 0.15 -11.54	17.12 0.15 -11.88	18.26 0.18 -12.12	23.95 0.22 -16.35	27.74 0.19 -20.92	23.22 0.23 -15.19	19.60 0.26 -10.64	20.19 0.26 -11.25	19.99 0.26 -11.23	20.12 0.26 -11.21	22.05 0.24 -13.64	22.77 0.23 -14.88	25.11 0.23 -17.05	30.18 0.27 -20.96	40.40 0.25 -30.40	40.87 0.28 -29.99	37.87 0.48 -19.08	36.85 0.48 -17.72	31.40 0.28 -21.66	22.99 0.31 -12.30	20.90 0.22 -13.46
GINNA___ 23603	7.75 -0.24 -2.13	6.89 -0.22 -1.96	6.90 -0.21 -1.65	6.46 -0.23 -1.61	6.53 -0.21 -1.66	7.41 -0.24 -1.69	9.35 -0.31 -2.28	9.14 -0.40 -2.92	9.32 -0.51 -2.04	9.54 -0.58 -1.43	9.61 -0.58 -1.51	9.46 -0.55 -1.51	9.55 -0.61 -1.50	9.44 -0.55 -1.83	9.14 -0.51 -2.00	9.58 -0.53 -2.29	11.17 -0.60 -2.81	13.11 -0.71 -4.08	13.86 -0.77 -4.03	19.54 -1.34 -2.56	19.67 -1.36 -2.38	11.72 -0.64 -2.91	11.37 -0.66 -1.65	8.67 -0.35 -1.81
GLEN PARK___ 23778	7.00 0.10 -1.04	6.19 0.09 -0.96	6.35 0.09 -0.80	5.88 0.02 -0.78	5.93 0.04 -0.81	6.87 0.08 -0.82	8.63 0.14 -1.11	8.14 0.09 -1.42	8.83 0.02 -1.02	9.38 -0.03 -0.72	9.39 -0.05 -0.76	9.21 -0.05 -0.76	9.34 -0.07 -0.76	8.99 -0.09 -0.92	8.56 -0.10 -1.00	8.92 -0.05 -1.15	10.35 -0.02 -1.41	11.86 0.07 -2.05	12.77 0.14 -2.02	20.17 0.57 -1.29	20.42 0.58 -1.20	11.11 0.19 -1.46	11.40 0.19 -0.83	8.26 0.14 -0.91
GLENDALE_27_KV_LOAD 356172	21.82 0.43 -15.54	19.83 0.37 -14.32	17.85 0.38 -12.00	17.17 0.35 -11.73	17.52 0.36 -12.08	18.69 0.41 -12.32	24.51 0.51 -16.62	28.40 0.49 -21.28	23.96 0.63 -15.54	20.24 0.72 -10.83	20.84 0.71 -11.44	20.64 0.71 -11.42	20.80 0.74 -11.40	25.79 0.70 -16.93	23.75 0.65 -15.44	26.36 0.63 -17.90	31.92 0.71 -22.26	43.25 0.78 -32.73	43.27 0.84 -31.82	39.61 1.41 -19.88	38.08 1.42 -18.01	32.21 0.73 -22.03	23.67 0.79 -12.50	21.44 0.54 -13.69

GLENWOOD_IC_1_G5 23712	22.62 0.44 -16.32	19.84 0.38 -14.32	17.86 0.39 -12.01	17.18 0.36 -11.74	17.54 0.37 -12.08	22.23 0.42 -15.85	27.13 0.52 -19.23	29.92 0.49 -22.80	30.66 0.62 -22.24	29.90 0.70 -20.50	30.26 0.71 -20.86	31.77 0.71 -22.55	32.22 0.74 -22.83	32.03 0.69 -23.18	34.06 0.64 -25.76	44.62 0.64 -36.16	45.42 0.66 -35.80	56.66 0.73 -46.19	50.41 0.78 -39.02	42.99 1.34 -23.34	39.82 1.34 -19.83	37.67 0.67 -27.54	32.23 0.78 -21.08	29.72 0.53 -21.97
GLENWOOD_IC_2_G1 23688	22.59 0.41 -16.32	19.81 0.35 -14.32	17.83 0.36 -12.01	17.15 0.34 -11.74	17.51 0.35 -12.08	22.20 0.39 -15.85	27.09 0.49 -19.23	29.89 0.46 -22.80	30.62 0.58 -22.24	29.85 0.66 -20.50	30.21 0.66 -20.86	31.72 0.66 -22.55	32.16 0.68 -22.83	31.98 0.64 -23.18	34.01 0.60 -25.76	44.57 0.59 -36.16	45.41 0.65 -35.80	56.65 0.72 -46.19	50.41 0.78 -39.02	42.99 1.34 -23.34	39.82 1.34 -19.83	37.68 0.68 -27.54	32.18 0.73 -21.08	29.68 0.49 -21.97
GLENWOOD_IC_3_G1 23689	22.59 0.41 -16.32	19.81 0.35 -14.32	17.83 0.36 -12.01	17.15 0.34 -11.74	17.51 0.35 -12.08	22.20 0.39 -15.85	27.09 0.49 -19.23	29.89 0.46 -22.80	30.62 0.58 -22.24	29.85 0.66 -20.50	30.21 0.66 -20.86	31.72 0.66 -22.55	32.16 0.68 -22.83	31.98 0.64 -23.18	34.01 0.60 -25.76	44.57 0.59 -36.16	45.41 0.65 -35.80	56.65 0.72 -46.19	50.41 0.78 -39.02	42.99 1.34 -23.34	39.82 1.34 -19.83	37.68 0.68 -27.54	32.18 0.73 -21.08	29.68 0.49 -21.97
GLENWOOD___4 23550	22.62 0.44 -16.32	19.84 0.38 -14.32	17.86 0.39 -12.01	17.18 0.36 -11.74	17.54 0.37 -12.08	22.23 0.42 -15.85	27.13 0.52 -19.23	29.92 0.49 -22.80	30.66 0.62 -22.24	29.90 0.70 -20.50	30.26 0.71 -20.86	31.77 0.71 -22.55	32.22 0.74 -22.83	32.03 0.69 -23.18	34.06 0.64 -25.76	44.62 0.64 -36.16	45.44 0.68 -35.80	56.68 0.75 -46.19	50.45 0.82 -39.02	43.03 1.37 -23.34	39.87 1.40 -19.83	37.69 0.70 -27.54	32.23 0.78 -21.08	29.72 0.53 -21.97
GLENWOOD___5 23614	22.62 0.44 -16.32	19.84 0.38 -14.32	17.86 0.39 -12.01	17.18 0.36 -11.74	17.54 0.37 -12.08	22.23 0.42 -15.85	27.13 0.52 -19.23	29.92 0.49 -22.80	30.66 0.62 -22.24	29.90 0.70 -20.50	30.26 0.71 -20.86	31.77 0.71 -22.55	32.22 0.74 -22.83	32.03 0.69 -23.18	34.06 0.64 -25.76	44.62 0.64 -36.16	45.44 0.68 -35.80	56.68 0.75 -46.19	50.45 0.82 -39.02	43.03 1.37 -23.34	39.87 1.40 -19.83	37.69 0.70 -27.54	32.23 0.78 -21.08	29.72 0.53 -21.97
GLOBAL GREEN_PORT_GT1 23814	22.85 0.67 -16.32	20.03 0.57 -14.32	18.08 0.61 -12.01	17.38 0.56 -11.74	17.76 0.59 -12.08	22.44 0.63 -15.85	27.37 0.76 -19.23	30.16 0.73 -22.80	30.98 0.94 -22.24	30.20 1.01 -20.50	30.46 0.90 -20.86	31.95 0.88 -22.55	32.41 0.93 -22.83	32.18 0.84 -23.18	34.21 0.80 -25.76	44.81 0.83 -36.16	45.77 1.01 -35.80	57.07 1.14 -46.19	50.86 1.23 -39.02	43.74 2.09 -23.34	40.56 2.09 -19.83	38.03 1.03 -27.54	32.43 0.98 -21.08	29.87 0.69 -21.97
GLOBE___DSASP 323697	8.39 -0.18 -2.71	7.50 -0.14 -2.50	7.43 -0.13 -2.09	6.98 -0.14 -2.05	7.06 -0.13 -2.11	7.93 -0.18 -2.15	9.98 -0.30 -2.90	9.88 -0.43 -3.68	9.93 -0.54 -2.68	9.94 -0.63 -1.88	10.06 -0.62 -1.99	9.93 -0.56 -1.99	9.97 -0.66 -1.98	10.02 -0.56 -2.42	9.77 -0.53 -2.64	10.27 -0.59 -3.03	12.01 -0.67 -3.72	14.30 -0.85 -5.40	15.02 -0.91 -5.33	20.02 -1.69 -3.39	20.02 -1.77 -3.15	12.57 -0.74 -3.85	11.89 -0.66 -2.17	9.39 -0.22 -2.39
GOETHSLN___LBMP 323567	21.78 0.38 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.12 0.31 -11.73	17.49 0.32 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.33 0.43 -21.27	23.89 0.57 -15.53	20.17 0.66 -10.82	20.76 0.64 -11.43	20.56 0.64 -11.41	20.73 0.68 -11.40	22.82 0.63 -14.03	23.66 0.57 -15.43	26.27 0.56 -17.89	31.81 0.60 -22.25	43.12 0.65 -32.73	43.14 0.71 -31.82	39.39 1.19 -19.88	37.85 1.19 -18.01	32.09 0.61 -22.02	23.59 0.71 -12.50	21.38 0.48 -13.69
GOLAH___69_KV_TB 1_2 80279	8.11 0.06 -2.20	7.21 0.04 -2.02	7.24 0.08 -1.70	6.78 0.04 -1.66	6.86 0.06 -1.71	7.79 0.08 -1.74	9.81 0.08 -2.35	9.62 -0.01 -3.01	9.88 -0.06 -2.15	10.09 -0.10 -1.51	10.20 -0.08 -1.59	10.00 -0.09 -1.59	10.08 -0.16 -1.59	9.98 -0.11 -1.93	9.65 -0.11 -2.11	10.09 -0.14 -2.41	11.77 -0.15 -2.97	13.81 -0.24 -4.31	14.60 -0.25 -4.25	20.58 -0.44 -2.70	20.73 -0.43 -2.51	12.40 -0.12 -3.07	12.06 -0.06 -1.74	9.24 0.12 -1.91
GOODYEAR_LAKE_HYD 323669	9.94 0.24 -3.84	8.90 0.22 -3.54	8.65 0.22 -2.97	8.15 0.17 -2.90	8.26 0.18 -2.99	9.24 0.23 -3.05	11.80 0.31 -4.11	12.15 0.26 -5.26	11.91 0.28 -3.84	11.70 0.31 -2.69	11.84 0.30 -2.84	11.65 0.30 -2.84	11.79 0.30 -2.84	11.89 0.28 -3.45	11.68 0.26 -3.76	12.43 0.30 -4.31	14.61 0.36 -5.30	17.83 0.40 -7.69	18.62 0.43 -7.58	24.02 0.88 -4.82	23.99 0.86 -4.48	15.33 0.40 -5.48	13.89 0.40 -3.11	10.91 0.30 -3.40
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	11.13 0.11 -5.16	10.00 0.10 -4.75	9.56 0.11 -3.99	9.05 0.07 -3.90	9.18 0.08 -4.01	10.16 0.11 -4.09	13.02 0.13 -5.52	13.75 0.05 -7.06	13.02 0.05 -5.19	12.37 0.04 -3.63	12.57 0.04 -3.84	12.38 0.04 -3.83	12.49 0.02 -3.83	12.86 0.04 -4.66	12.79 0.05 -5.08	13.69 0.05 -5.82	16.17 0.06 -7.15	20.16 0.04 -10.38	20.89 0.05 -10.24	24.94 0.11 -6.51	24.81 0.11 -6.05	16.92 0.07 -7.39	14.68 0.10 -4.20	11.94 0.14 -4.59
GOUDEY___7 23579	11.14 0.12 -5.16	10.00 0.10 -4.75	9.57 0.11 -3.99	9.05 0.08 -3.90	9.18 0.09 -4.01	10.17 0.11 -4.09	13.03 0.13 -5.52	13.75 0.06 -7.06	13.02 0.05 -5.19	12.38 0.05 -3.63	12.58 0.05 -3.84	12.39 0.05 -3.83	12.50 0.03 -3.83	12.86 0.05 -4.66	12.79 0.05 -5.08	13.70 0.05 -5.82	16.18 0.07 -7.15	20.17 0.05 -10.38	20.90 0.06 -10.24	24.96 0.13 -6.51	24.83 0.13 -6.05	16.93 0.08 -7.39	14.69 0.11 -4.20	11.95 0.14 -4.59
GOUDEY___8 23580	11.13 0.11 -5.16	10.00 0.10 -4.75	9.56 0.11 -3.99	9.05 0.07 -3.90	9.18 0.08 -4.01	10.16 0.11 -4.09	13.02 0.13 -5.52	13.75 0.05 -7.06	13.02 0.05 -5.19	12.37 0.04 -3.63	12.57 0.04 -3.84	12.38 0.04 -3.83	12.49 0.02 -3.83	12.86 0.04 -4.66	12.79 0.05 -5.08	13.69 0.05 -5.82	16.17 0.06 -7.15	20.16 0.04 -10.38	20.89 0.05 -10.24	24.94 0.11 -6.51	24.81 0.11 -6.05	16.92 0.07 -7.39	14.68 0.10 -4.20	11.94 0.14 -4.59
GOWANUS_GT1_1 24077	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT1_2 24078	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69

GOWANUS_GT1_3 24079	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT1_4 24080	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT1_5 24084	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT1_6 24111	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT1_7 24112	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT1_8 24113	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT2_1 24114	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88				

GOWANUS_GT3_2 24123	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT3_3 24124	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT3_4 24125	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT3_5 24126	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT3_6 24127	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT3_7 24128	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT3_8 24129	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT4_1 24130	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT4_2 24131	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT4_3 24132	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT4_4 24133	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT4_5 24134	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT4_6 24135	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT4_7 24136	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GOWANUS_GT4_8 24137	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69

GREENBSH_115KV_TB3 55895	25.32 0.23 -19.23	23.07 0.21 -17.72	20.54 0.22 -14.85	19.80 0.20 -14.52	20.24 0.20 -14.95	21.45 0.24 -15.25	28.24 0.30 -20.56	33.20 0.25 -26.32	27.11 0.30 -19.02	22.41 0.33 -13.38	23.16 0.33 -14.14	22.95 0.32 -14.12	23.07 0.32 -14.10	25.48 0.31 -17.01	26.40 0.29 -18.45	29.07 0.31 -20.95	34.81 0.36 -25.50	46.73 0.39 -36.60	47.53 0.41 -36.51	42.59 0.71 -23.55	41.66 0.73 -22.28	37.08 0.38 -27.24	26.27 0.43 -15.47	24.44 0.30 -16.93
GREENDGE_115KV_TB5 80291	9.29 0.19 -3.24	8.29 0.16 -2.99	8.16 0.19 -2.51	7.65 0.12 -2.45	7.75 0.14 -2.52	8.73 0.20 -2.57	11.11 0.27 -3.47	11.22 0.15 -4.44	12.07 0.34 -3.95	11.79 0.33 -2.77	11.91 0.30 -2.92	11.71 0.29 -2.92	11.80 0.24 -2.91	11.96 0.26 -3.55	11.79 0.27 -3.87	12.51 0.27 -4.42	14.72 0.34 -5.43	17.98 0.36 -7.88	18.84 0.47 -7.77	24.16 0.90 -4.94	24.17 0.93 -4.59	15.49 0.43 -5.61	14.06 0.50 -3.19	11.13 0.43 -3.49
GREENIDGE___3 23582	9.29 0.19 -3.24	8.29 0.16 -2.99	8.16 0.19 -2.51	7.65 0.12 -2.45	7.75 0.14 -2.52	8.73 0.20 -2.57	11.11 0.27 -3.47	11.22 0.15 -4.44	12.07 0.34 -3.95	11.79 0.33 -2.77	11.91 0.30 -2.92	11.71 0.29 -2.92	11.80 0.24 -2.91	11.96 0.26 -3.55	11.79 0.27 -3.87	12.51 0.27 -4.42	14.72 0.34 -5.43	17.98 0.36 -7.88	18.84 0.47 -7.77	24.16 0.90 -4.94	24.17 0.93 -4.59	15.49 0.43 -5.61	14.06 0.50 -3.19	11.13 0.43 -3.49
GREENIDGE___4 23583	9.29 0.19 -3.24	8.29 0.16 -2.99	8.16 0.19 -2.51	7.65 0.12 -2.45	7.75 0.14 -2.52	8.73 0.20 -2.57	11.11 0.27 -3.47	11.22 0.15 -4.44	12.07 0.33 -3.95	11.79 0.33 -2.77	11.91 0.30 -2.92	11.72 0.29 -2.92	11.80 0.23 -2.91	11.96 0.26 -3.55	11.79 0.27 -3.87	12.51 0.27 -4.42	14.72 0.34 -5.43	17.98 0.36 -7.88	18.84 0.47 -7.77	24.16 0.90 -4.94	24.15 0.91 -4.59	15.51 0.43 -5.63	14.07 0.50 -3.20	11.14 0.43 -3.50
GREENLWN_69_KV_BK 3 55738	22.70 0.52 -16.32	19.90 0.43 -14.32	17.92 0.45 -12.01	17.23 0.42 -11.74	17.61 0.44 -12.08	22.30 0.48 -15.85	27.20 0.60 -19.23	30.00 0.57 -22.80	30.75 0.72 -22.24	29.98 0.79 -20.50	30.33 0.78 -20.86	31.83 0.77 -22.55	32.27 0.79 -22.83	32.09 0.75 -23.18	34.07 0.66 -25.76	44.64 0.66 -36.16	45.52 0.76 -35.80	56.77 0.84 -46.19	50.54 0.91 -39.02	43.20 1.54 -23.34	40.02 1.55 -19.83	37.78 0.78 -27.54	32.32 0.86 -21.08	29.78 0.60 -21.97
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.59 0.66 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.61 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
GRISSOM___SOLAR 323813	29.12 0.50 -22.77	26.55 0.43 -20.98	23.51 0.46 -17.59	22.68 0.41 -17.19	23.20 0.42 -17.70	24.55 0.54 -18.05	32.47 0.74 -24.35	38.35 0.56 -31.17	30.99 0.63 -22.57	25.19 0.65 -15.85	25.99 0.56 -16.75	25.76 0.53 -16.72	25.87 0.53 -16.70	28.87 0.50 -20.22	30.13 0.49 -21.98	33.42 0.55 -25.05	40.23 0.66 -30.61	54.70 0.82 -44.14	55.36 0.93 -43.82	48.22 1.80 -28.11	46.82 1.79 -26.38	42.55 0.83 -32.26	29.76 1.06 -18.32	27.96 0.70 -20.04
GROVEVILLE___HYD 323602	21.72 0.35 -15.52	19.74 0.30 -14.30	17.76 0.31 -11.99	17.09 0.28 -11.72	17.44 0.29 -12.06	18.61 0.33 -12.31	24.39 0.41 -16.60	28.27 0.38 -21.26	23.78 0.48 -15.51	20.05 0.55 -10.81	20.65 0.54 -11.43	20.45 0.54 -11.41	20.60 0.56 -11.39	22.69 0.54 -14.00	23.53 0.51 -15.37	26.11 0.50 -17.78	31.60 0.58 -22.06	42.76 0.64 -32.37	42.88 0.72 -31.55	39.28 1.19 -19.77	37.87 1.23 -17.99	32.04 0.59 -21.99	23.50 0.63 -12.49	21.30 0.42 -13.66
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	7.77 0.01 -1.90	6.90 0.00 -1.75	6.95 0.01 -1.47	6.49 -0.03 -1.44	6.55 -0.02 -1.48	7.47 0.00 -1.51	9.42 0.01 -2.04	9.21 -0.03 -2.61	9.59 -0.06 -1.86	9.93 -0.06 -1.30	10.00 -0.06 -1.37	9.82 -0.06 -1.37	9.93 -0.09 -1.37	9.77 -0.06 -1.67	9.43 -0.05 -1.82	9.87 -0.04 -2.08	11.46 -0.05 -2.56	13.38 -0.08 -3.72	14.19 -0.08 -3.67	20.54 -0.11 -2.33	20.72 -0.09 -2.17	12.05 -0.06 -2.65	11.84 -0.04 -1.50	8.87 0.01 -1.65
HAMLTNNY_34_KV_TB 80303	7.88 0.02 -2.01	7.00 0.01 -1.85	7.03 0.02 -1.55	6.58 -0.02 -1.51	6.64 -0.01 -1.56	7.56 0.01 -1.59	9.55 0.02 -2.14	9.37 -0.01 -2.75	9.69 -0.05 -1.95	10.00 -0.06 -1.36	10.09 -0.04 -1.44	9.90 -0.04 -1.44	10.02 -0.07 -1.44	9.87 -0.04 -1.75	9.54 -0.03 -1.91	9.97 -0.03 -2.19	11.61 -0.04 -2.69	13.58 -0.06 -3.90	14.37 -0.07 -3.84	20.67 -0.09 -2.44	20.84 -0.07 -2.27	12.20 -0.04 -2.78	11.91 -0.04 -1.58	8.95 0.01 -1.72
HAMPSHIRE___PAPER_HYD 323593	6.33 -0.05 -0.52	5.58 -0.04 -0.48	5.81 -0.05 -0.40	5.42 -0.06 -0.39	5.44 -0.05 -0.41	6.33 -0.05 -0.41	7.92 -0.02 -0.56	7.33 -0.01 -0.72	8.26 -0.05 -0.52	8.96 -0.10 -0.36	8.96 -0.11 -0.39	8.77 -0.13 -0.38	8.93 -0.10 -0.38	8.47 -0.16 -0.47	7.96 -0.21 -0.51	8.22 -0.19 -0.58	9.49 -0.19 -0.72	10.64 -0.15 -1.04	11.51 -0.13 -1.03	18.85 -0.13 -0.65	19.18 -0.07 -0.61	10.16 -0.04 -0.74	10.75 -0.05 -0.42	7.63 -0.04 -0.46
HARDSCRABBLE_WT_PWR 323673	5.89 0.04 0.00	5.18 0.04 0.00	5.50 0.04 0.00	5.10 0.02 0.00	5.12 0.03 0.00	6.01 0.04 0.00	7.44 0.07 0.00	6.64 0.01 0.00	7.81 0.02 0.00	8.74 0.05 0.00	8.70 0.02 0.00	8.53 0.03 0.00	8.67 0.03 0.00	8.17 0.02 0.00	7.67 0.02 0.00	7.85 0.03 0.00	8.99 0.04 0.00	9.79 0.05 0.00	10.64 0.03 0.00	18.43 0.11 0.00	18.72 0.07 0.00	9.49 0.03 0.00	10.45 0.07 0.00	7.27 0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.74 0.33 -14.55	18.83 0.28 -13.41	17.00 0.29 -11.24	16.33 0.26 -10.99	16.67 0.27 -11.31	17.82 0.32 -11.54	23.33 0.39 -15.56	26.91 0.36 -19.92	22.79 0.45 -14.54	19.35 0.53 -10.13	19.91 0.51 -10.71	19.71 0.51 -10.69	19.86 0.54 -10.67	21.81 0.51 -13.13	22.58 0.48 -14.44	25.03 0.48 -16.73	30.30 0.55 -20.80	40.92 0.60 -30.57	41.02 0.67 -29.74	38.04 1.12 -18.60	36.65 1.14 -16.87	30.62 0.54 -20.62	22.69 0.60 -11.71	20.43 0.40 -12.81
HARSNRAD_115KV_TB1 81005	8.47 -0.06 -2.68	7.57 -0.05 -2.47	7.52 -0.01 -2.07	7.06 -0.04 -2.02	7.14 -0.03 -2.08	8.03 -0.06 -2.13	10.08 -0.16 -2.87	9.99 -0.31 -3.67	10.07 -0.39 -2.66	10.10 -0.46 -1.87	10.23 -0.43 -1.97	10.08 -0.40 -1.97	10.13 -0.48 -1.97	10.15 -0.41 -2.39	9.89 -0.38 -2.61	10.38 -0.44 -3.00	12.14 -0.50 -3.68	14.43 -0.65 -5.34	15.17 -0.70 -5.27	20.37 -1.30 -3.35	20.38 -1.38 -3.11	12.71 -0.55 -3.81	12.08 -0.46 -2.16	9.49 -0.09 -2.36
HARZA MOOSE___RIVER 24016	6.61 0.09 -0.67	5.84 0.08 -0.62	6.06 0.08 -0.52	5.62 0.03 -0.50	5.65 0.05 -0.52	6.57 0.07 -0.53	8.21 0.12 -0.71	7.62 0.07 -0.92	8.50 0.05 -0.66	9.21 0.05 -0.46	9.19 0.01 -0.49	9.01 0.01 -0.49	9.15 0.01 -0.49	8.74 -0.01 -0.59	8.29 -0.02 -0.65	8.58 0.02 -0.74	9.92 0.05 -0.91	11.17 0.11 -1.32	12.05 0.14 -1.30	19.55 0.40 -0.83	19.83 0.41 -0.77	10.54 0.14 -0.94	11.08 0.17 -0.54	7.92 0.12 -0.59

HDSNBRDG_115KV_BRDG_TB1 355580	7.58 -0.02 -1.74	6.72 -0.03 -1.60	6.79 -0.02 -1.35	6.35 -0.05 -1.31	6.40 -0.04 -1.35	7.31 -0.04 -1.38	9.20 -0.04 -1.86	8.95 -0.07 -2.38	9.41 -0.10 -1.72	9.78 -0.11 -1.20	9.85 -0.10 -1.27	9.67 -0.10 -1.27	9.79 -0.12 -1.27	9.60 -0.10 -1.54	9.26 -0.08 -1.68	9.67 -0.08 -1.93	11.22 -0.10 -2.37	13.05 -0.13 -3.43	13.85 -0.14 -3.39	20.25 -0.22 -2.15	20.44 -0.21 -2.00	11.80 -0.10 -2.45	11.67 -0.09 -1.39	8.71 -0.03 -1.52
HELLGATE_13_KV_LD 55870	21.81 0.42 -15.54	19.82 0.35 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.68 0.39 -12.32	24.49 0.49 -16.62	28.38 0.47 -21.28	23.94 0.61 -15.54	20.22 0.70 -10.83	20.81 0.69 -11.44	20.61 0.68 -11.42	20.77 0.72 -11.40	25.76 0.68 -16.93	23.72 0.62 -15.44	26.33 0.61 -17.90	31.89 0.67 -22.26	43.21 0.74 -32.73	43.22 0.80 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.64 0.76 -12.50	21.42 0.52 -13.69
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.81 0.42 -15.54	19.82 0.35 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.68 0.39 -12.32	24.49 0.49 -16.62	28.38 0.47 -21.28	23.94 0.61 -15.54	20.22 0.70 -10.83	20.81 0.69 -11.44	20.61 0.68 -11.42	20.77 0.72 -11.40	25.76 0.68 -16.93	23.72 0.62 -15.44	26.33 0.61 -17.90	31.89 0.67 -22.26	43.21 0.74 -32.73	43.22 0.80 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.64 0.76 -12.50	21.42 0.52 -13.69
HEMPSTEAD____ 23647	22.63 0.45 -16.32	19.84 0.38 -14.32	17.86 0.39 -12.01	17.18 0.36 -11.74	17.54 0.38 -12.08	22.23 0.42 -15.85	27.12 0.52 -19.23	29.93 0.50 -22.80	30.67 0.63 -22.24	29.89 0.70 -20.50	30.25 0.70 -20.86	31.75 0.69 -22.55	32.20 0.72 -22.83	32.02 0.68 -23.18	34.03 0.62 -25.76	44.59 0.61 -36.16	45.44 0.68 -35.80	56.67 0.74 -46.19	50.43 0.81 -39.02	43.03 1.37 -23.34	39.87 1.40 -19.83	37.71 0.72 -27.54	32.22 0.77 -21.08	29.71 0.53 -21.97
HEWLETT__69_KV_BK3 55828	22.70 0.52 -16.32	19.90 0.44 -14.32	17.92 0.45 -12.01	17.23 0.42 -11.74	17.61 0.44 -12.08	22.30 0.48 -15.85	27.20 0.60 -19.23	29.97 0.54 -22.80	30.72 0.69 -22.24	29.98 0.79 -20.50	30.32 0.76 -20.86	31.82 0.76 -22.55	32.27 0.79 -22.83	32.08 0.74 -23.18	34.11 0.70 -25.76	44.62 0.64 -36.16	45.50 0.74 -35.80	56.75 0.82 -46.19	50.53 0.90 -39.02	43.18 1.52 -23.34	40.02 1.55 -19.83	37.77 0.78 -27.54	32.36 0.90 -21.08	29.80 0.61 -21.97
HICKLING___1 23621	10.19 0.18 -4.15	9.13 0.16 -3.83	8.85 0.18 -3.21	8.34 0.12 -3.14	8.45 0.14 -3.23	9.44 0.18 -3.29	12.03 0.21 -4.44	12.41 0.10 -5.68	12.28 0.15 -4.34	11.87 0.14 -3.04	12.06 0.16 -3.22	11.87 0.15 -3.21	11.97 0.11 -3.21	12.20 0.14 -3.90	12.07 0.15 -4.26	12.75 0.10 -4.82	15.01 0.13 -5.93	18.43 0.09 -8.60	19.20 0.12 -8.48	23.92 0.20 -5.40	23.86 0.21 -5.01	15.71 0.12 -6.13	14.02 0.17 -3.48	11.25 0.23 -3.81
HICKLING___2 23622	10.19 0.18 -4.15	9.13 0.16 -3.83	8.85 0.18 -3.21	8.34 0.12 -3.14	8.45 0.14 -3.23	9.44 0.18 -3.29	12.03 0.21 -4.44	12.41 0.10 -5.68	12.28 0.15 -4.34	11.87 0.14 -3.04	12.06 0.16 -3.22	11.87 0.15 -3.21	11.97 0.11 -3.21	12.20 0.14 -3.90	12.07 0.15 -4.26	12.75 0.10 -4.82	15.01 0.13 -5.93	18.43 0.09 -8.60	19.20 0.12 -8.48	23.92 0.20 -5.40	23.86 0.21 -5.01	15.71 0.12 -6.13	14.02 0.17 -3.48	11.25 0.23 -3.81
HIGH FALLS___HY 23754	21.41 0.33 -15.23	19.45 0.28 -14.03	17.51 0.28 -11.77	16.83 0.25 -11.50	17.19 0.26 -11.84	18.34 0.30 -12.08	24.04 0.38 -16.29	27.78 0.32 -20.82	23.37 0.41 -15.17	19.78 0.50 -10.59	20.36 0.48 -11.19	20.15 0.47 -11.17	20.31 0.50 -11.16	22.31 0.48 -13.67	23.03 0.39 -14.98	25.50 0.39 -17.29	30.83 0.46 -21.41	41.59 0.53 -31.31	41.84 0.60 -30.63	38.61 1.01 -19.28	37.46 1.16 -17.65	31.57 0.53 -21.58	23.24 0.60 -12.25	21.01 0.39 -13.41
HILLBURN___GT 23639	20.96 0.33 -14.77	19.04 0.29 -13.60	17.17 0.30 -11.41	16.51 0.27 -11.15	16.85 0.28 -11.48	18.00 0.33 -11.71	23.58 0.41 -15.79	27.21 0.36 -20.21	23.02 0.47 -14.76	19.53 0.56 -10.28	20.08 0.53 -10.86	19.89 0.54 -10.85	20.04 0.56 -10.83	22.03 0.54 -13.33	22.81 0.50 -14.65	25.30 0.49 -16.98	30.62 0.56 -21.11	41.38 0.60 -31.03	41.46 0.66 -30.19	38.31 1.12 -18.88	36.88 1.12 -17.11	30.93 0.55 -20.93	22.88 0.62 -11.88	20.63 0.42 -13.00
HILLSIDE_115KV_TB1 80332	10.22 0.09 -4.27	9.16 0.08 -3.94	8.86 0.10 -3.30	8.36 0.06 -3.23	8.48 0.07 -3.32	9.44 0.09 -3.39	12.04 0.09 -4.57	12.47 -0.01 -5.85	12.19 -0.02 -4.42	11.75 -0.03 -3.09	11.93 -0.03 -3.27	11.75 -0.03 -3.26	11.85 -0.06 -3.26	12.09 -0.03 -3.97	11.97 -0.02 -4.33	12.74 -0.03 -4.95	15.02 -0.02 -6.08	18.49 -0.07 -8.82	19.25 -0.05 -8.70	23.76 -0.09 -5.53	23.67 -0.11 -5.14	15.71 -0.03 -6.28	13.96 0.01 -3.57	11.24 0.12 -3.90
HISHELDN_WT_PWR 323625	9.00 -0.01 -3.15	8.05 0.01 -2.90	7.93 0.03 -2.43	7.45 -0.01 -2.38	7.54 0.01 -2.45	8.46 -0.01 -2.50	10.68 -0.07 -3.37	10.74 -0.20 -4.31	10.69 -0.26 -3.16	10.60 -0.30 -2.21	10.73 -0.30 -2.34	10.59 -0.26 -2.33	10.65 -0.33 -2.33	10.73 -0.26 -2.84	10.52 -0.24 -3.09	11.09 -0.28 -3.55	13.01 -0.31 -4.37	15.63 -0.45 -6.34	16.39 -0.47 -6.25	21.42 -0.88 -3.98	21.39 -0.95 -3.69	13.59 -0.37 -4.50	12.64 -0.29 -2.56	10.00 -0.01 -2.80
HOLTSVILLE_IC_1 23690	22.67 0.49 -16.32	19.88 0.42 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.27 0.46 -15.85	27.16 0.55 -19.23	29.97 0.54 -22.80	30.71 0.68 -22.24	29.94 0.75 -20.50	30.23 0.68 -20.86	31.72 0.66 -22.55	32.16 0.68 -22.83	31.96 0.62 -23.18	33.99 0.57 -25.76	44.55 0.57 -36.16	45.46 0.70 -35.80	56.70 0.77 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.71 0.72 -27.54	32.17 0.72 -21.08	29.71 0.53 -21.97
HOLTSVILLE_IC_10 23699	22.70 0.52 -16.32	19.90 0.44 -14.32	17.93 0.46 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.30 0.48 -15.85	27.19 0.58 -19.23	30.00 0.57 -22.80	30.76 0.72 -22.24	29.98 0.78 -20.50	30.27 0.72 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.01 0.67 -23.18	34.03 0.62 -25.76	44.61 0.63 -36.16	45.53 0.77 -35.80	56.79 0.86 -46.19	50.56 0.93 -39.02	43.25 1.59 -23.34	40.08 1.60 -19.83	37.78 0.78 -27.54	32.22 0.77 -21.08	29.74 0.56 -21.97
HOLTSVILLE_IC_2 23691	22.67 0.49 -16.32	19.88 0.42 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.27 0.46 -15.85	27.16 0.55 -19.23	29.97 0.54 -22.80	30.71 0.68 -22.24	29.94 0.75 -20.50	30.23 0.68 -20.86	31.72 0.66 -22.55	32.16 0.68 -22.83	31.96 0.62 -23.18	33.99 0.57 -25.76	44.55 0.57 -36.16	45.46 0.70 -35.80	56.70 0.77 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.71 0.72 -27.54	32.17 0.72 -21.08	29.71 0.53 -21.97
HOLTSVILLE_IC_3 23692	22.67 0.49 -16.32	19.88 0.42 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.27 0.46 -15.85	27.16 0.55 -19.23	29.97 0.54 -22.80	30.71 0.68 -22.24	29.94 0.75 -20.50	30.23 0.68 -20.86	31.72 0.66 -22.55	32.16 0.68 -22.83	31.96 0.62 -23.18	33.99 0.57 -25.76	44.55 0.57 -36.16	45.46 0.70 -35.80	56.70 0.77 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.71 0.72 -27.54	32.17 0.72 -21.08	29.71 0.53 -21.97

HOLTSVILLE_IC_4 23693	22.67 0.49 -16.32	19.88 0.42 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.27 0.46 -15.85	27.16 0.55 -19.23	29.97 0.54 -22.80	30.71 0.68 -22.24	29.94 0.75 -20.50	30.23 0.68 -20.86	31.72 0.66 -22.55	32.16 0.68 -22.83	31.96 0.62 -23.18	33.99 0.57 -25.76	44.55 0.57 -36.16	45.46 0.70 -35.80	56.70 0.77 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.71 0.72 -27.54	32.17 0.72 -21.08	29.71 0.53 -21.97
HOLTSVILLE_IC_5 23694	22.67 0.49 -16.32	19.88 0.42 -14.32	17.91 0.44 -12.01	17.22 0.41 -11.74	17.60 0.43 -12.08	22.27 0.46 -15.85	27.16 0.55 -19.23	29.97 0.54 -22.80	30.71 0.68 -22.24	29.94 0.75 -20.50	30.23 0.68 -20.86	31.72 0.66 -22.55	32.16 0.68 -22.83	31.96 0.62 -23.18	33.99 0.57 -25.76	44.55 0.57 -36.16	45.46 0.70 -35.80	56.70 0.77 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.93 1.46 -19.83	37.71 0.72 -27.54	32.17 0.72 -21.08	29.71 0.53 -21.97
HOLTSVILLE_IC_6 23695	22.70 0.52 -16.32	19.90 0.44 -14.32	17.93 0.46 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.30 0.48 -15.85	27.19 0.58 -19.23	30.00 0.57 -22.80	30.76 0.72 -22.24	29.98 0.78 -20.50	30.27 0.72 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.01 0.67 -23.18	34.03 0.62 -25.76	44.61 0.63 -36.16	45.53 0.77 -35.80	56.79 0.86 -46.19	50.56 0.93 -39.02	43.25 1.59 -23.34	40.08 1.60 -19.83	37.78 0.78 -27.54	32.22 0.77 -21.08	29.74 0.56 -21.97
HOLTSVILLE_IC_7 23696	22.70 0.52 -16.32	19.90 0.44 -14.32	17.93 0.46 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.30 0.48 -15.85	27.19 0.58 -19.23	30.00 0.57 -22.80	30.76 0.72 -22.24	29.98 0.78 -20.50	30.27 0.72 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.01 0.67 -23.18	34.03 0.62 -25.76	44.61 0.63 -36.16	45.53 0.77 -35.80	56.79 0.86 -46.19	50.56 0.93 -39.02	43.25 1.59 -23.34	40.08 1.60 -19.83	37.78 0.78 -27.54	32.22 0.77 -21.08	29.74 0.56 -21.97
HOLTSVILLE_IC_8 23697	22.70 0.52 -16.32	19.90 0.44 -14.32	17.93 0.46 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.30 0.48 -15.85	27.19 0.58 -19.23	30.00 0.57 -22.80	30.76 0.72 -22.24	29.98 0.78 -20.50	30.27 0.72 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.01 0.67 -23.18	34.03 0.62 -25.76	44.61 0.63 -36.16	45.53 0.77 -35.80	56.79 0.86 -46.19	50.56 0.93 -39.02	43.25 1.59 -23.34	40.08 1.60 -19.83	37.78 0.78 -27.54	32.22 0.77 -21.08	29.74 0.56 -21.97
HOLTSVILLE_IC_9 23698	22.70 0.52 -16.32	19.90 0.44 -14.32	17.93 0.46 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.30 0.48 -15.85	27.19 0.58 -19.23	30.00 0.57 -22.80	30.76 0.72 -22.24	29.98 0.78 -20.50	30.27 0.72 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.01 0.67 -23.18	34.03 0.62 -25.76	44.61 0.63 -36.16	45.53 0.77 -35.80	56.79 0.86 -46.19	50.56 0.93 -39.02	43.25 1.59 -23.34	40.08 1.60 -19.83	37.78 0.78 -27.54	32.22 0.77 -21.08	29.74 0.56 -21.97
HOMER_HL_115KV_TB2 355744	9.06 -0.01 -3.22	8.11 0.01 -2.96	7.98 0.03 -2.48	7.50 -0.01 -2.43	7.59 0.01 -2.50	8.52 0.01 -2.55	10.78 -0.04 -3.44	10.87 -0.17 -4.40	10.85 -0.20 -3.26	10.73 -0.25 -2.29	10.89 -0.22 -2.42	10.72 -0.20 -2.41	10.80 -0.26 -2.41	10.88 -0.21 -2.93	10.66 -0.19 -3.20	11.25 -0.23 -3.66	13.22 -0.24 -4.50	15.92 -0.36 -6.53	16.71 -0.34 -6.44	21.78 -0.64 -4.10	21.75 -0.71 -3.81	13.83 -0.28 -4.65	12.76 -0.26 -2.64	10.11 0.00 -2.89
HOWARD_WT_PWR 323690	9.59 0.39 -3.34	8.56 0.34 -3.08	8.43 0.38 -2.58	7.89 0.28 -2.52	7.99 0.31 -2.60	9.03 0.41 -2.65	11.50 0.55 -3.57	11.57 0.36 -4.57	11.86 0.45 -3.61	11.68 0.46 -2.53	11.77 0.41 -2.67	11.58 0.40 -2.67	11.66 0.35 -2.67	11.77 0.37 -3.25	11.57 0.37 -3.54	12.24 0.38 -4.05	14.39 0.46 -4.97	17.45 0.49 -7.22	18.34 0.61 -7.12	24.00 1.15 -4.53	24.06 1.21 -4.20	15.18 0.57 -5.15	14.00 0.70 -2.93	10.99 0.58 -3.20
HQ_GEN_CEDARS 23644	5.74 -0.12 0.00	5.05 -0.10 0.00	5.35 -0.11 0.00	5.01 -0.08 0.00	5.01 -0.08 0.00	5.86 -0.10 0.00	7.28 -0.10 0.00	6.56 -0.07 0.00	7.71 -0.09 0.00	8.59 -0.10 0.00	8.56 -0.13 0.00	8.36 -0.14 0.00	8.54 -0.10 0.00	8.03 -0.13 0.00	7.50 -0.16 0.00	7.65 -0.17 0.00	8.76 -0.20 0.00	9.59 -0.16 0.00	10.45 -0.16 0.00	17.97 -0.35 0.00	18.35 -0.30 0.00	9.32 -0.14 0.00	10.20 -0.18 0.00	7.08 -0.14 0.00
HQ_GEN_CEDARS_PROXY 323590	5.74 -0.12 0.00	5.05 -0.10 0.00	5.35 -0.12 0.00	5.01 -0.08 0.00	5.00 -0.08 0.00	5.86 -0.10 0.00	7.28 -0.10 0.00	6.56 -0.07 0.00	7.71 -0.09 0.00	8.59 -0.10 0.00	8.57 -0.11 0.00	8.36 -0.14 0.00	8.55 -0.09 0.00	8.03 -0.13 0.00	7.50 -0.16 0.00	7.65 -0.17 0.00	8.76 -0.20 0.00	9.59 -0.16 0.00	10.45 -0.16 0.00	17.97 -0.35 0.00	18.35 -0.30 0.00	9.32 -0.14 0.00	10.20 -0.18 0.00	7.08 -0.14 0.00
HQ_GEN_IMPORT 323601	5.75 -0.11 0.00	5.05 -0.10 0.00	5.35 -0.11 0.00	5.00 -0.08 0.00	5.00 -0.09 0.00	5.86 -0.11 0.00	7.25 -0.13 0.00	6.53 -0.10 0.00	7.67 -0.12 0.00	8.56 -0.13 0.00	8.56 -0.13 0.00	8.37 -0.14 0.00	8.53 -0.12 0.00	8.04 -0.12 0.00	7.54 -0.12 0.00	7.69 -0.13 0.00	8.80 -0.15 0.00	9.60 -0.15 0.00	10.45 -0.16 0.00	18.03 -0.29 0.00	18.35 -0.30 0.00	9.31 -0.15 0.00	10.20 -0.18 0.00	7.07 -0.14 0.00
HQ_GEN_WHEEL 23651	5.75 -0.11 0.00	5.05 -0.10 0.00	5.35 -0.11 0.00	5.00 -0.08 0.00	5.00 -0.09 0.00	5.86 -0.11 0.00	7.25 -0.13 0.00	6.53 -0.10 0.00	7.67 -0.12 0.00	8.56 -0.13 0.00	8.56 -0.13 0.00	8.37 -0.14 0.00	8.53 -0.12 0.00	8.04 -0.12 0.00	7.54 -0.12 0.00	7.69 -0.13 0.00	8.80 -0.15 0.00	9.60 -0.15 0.00	10.45 -0.16 0.00	18.03 -0.29 0.00	18.35 -0.30 0.00	9.31 -0.15 0.00	10.20 -0.18 0.00	7.07 -0.14 0.00
HUDSON_AVE_GT_3 23810	21.79 0.39 -15.54	19.80 0.34 -14.32	17.82 0.35 -12.00	17.13 0.32 -11.73	17.50 0.33 -12.08	18.66 0.38 -12.32	24.46 0.47 -16.62	28.34 0.44 -21.27	23.91 0.58 -15.53	20.18 0.67 -10.82	20.77 0.65 -11.43	20.58 0.66 -11.41	20.74 0.69 -11.40	22.84 0.64 -14.03	23.69 0.60 -15.43	26.29 0.58 -17.89	31.84 0.64 -22.25	43.18 0.71 -32.73	43.19 0.76 -31.82	39.50 1.30 -19.88	37.96 1.30 -18.01	32.13 0.65 -22.02	23.61 0.73 -12.50	21.39 0.49 -13.69
HUDSON_AVE_GT_4 23540	21.79 0.39 -15.54	19.80 0.34 -14.32	17.82 0.35 -12.00	17.13 0.32 -11.73	17.50 0.33 -12.08	18.66 0.38 -12.32	24.46 0.47 -16.62	28.34 0.44 -21.27	23.91 0.58 -15.53	20.18 0.67 -10.82	20.77 0.65 -11.43	20.58 0.66 -11.41	20.74 0.69 -11.40	22.84 0.64 -14.03	23.69 0.60 -15.43	26.29 0.58 -17.89	31.84 0.64 -22.25	43.18 0.71 -32.73	43.19 0.76 -31.82	39.50 1.30 -19.88	37.96 1.30 -18.01	32.13 0.65 -22.02	23.61 0.73 -12.50	21.39 0.49 -13.69
HUDSON_AVE_GT_5 23657	21.79 0.39 -15.54	19.80 0.34 -14.32	17.82 0.35 -12.00	17.13 0.32 -11.73	17.50 0.33 -12.08	18.66 0.38 -12.32	24.46 0.47 -16.62	28.34 0.44 -21.27	23.91 0.58 -15.53	20.18 0.67 -10.82	20.77 0.65 -11.43	20.58 0.66 -11.41	20.74 0.69 -11.40	22.84 0.64 -14.03	23.69 0.60 -15.43	26.29 0.58 -17.89	31.84 0.64 -22.25	43.18 0.71 -32.73	43.19 0.76 -31.82	39.50 1.30 -19.88	37.96 1.30 -18.01	32.13 0.65 -22.02	23.61 0.73 -12.50	21.39 0.49 -13.69

HUDSON_AVE_10 24168	21.77 0.37 -15.54	19.78 0.32 -14.32	17.80 0.33 -12.00	17.12 0.30 -11.73	17.48 0.31 -12.08	18.65 0.36 -12.32	24.45 0.46 -16.62	28.34 0.44 -21.27	23.90 0.58 -15.53	20.17 0.66 -10.82	20.75 0.63 -11.43	20.55 0.63 -11.41	20.72 0.67 -11.40	22.82 0.63 -14.03	23.66 0.57 -15.43	26.28 0.56 -17.89	31.83 0.62 -22.25	43.15 0.68 -32.73	43.16 0.73 -31.82	39.45 1.25 -19.88	37.91 1.25 -18.01	32.11 0.63 -22.02	23.59 0.71 -12.50	21.38 0.48 -13.69
HUDSON___115KV_TB 4 355613	24.85 0.28 -18.71	22.63 0.25 -17.24	20.18 0.26 -14.45	19.45 0.24 -14.13	19.87 0.24 -14.54	21.09 0.29 -14.83	27.76 0.38 -20.01	32.56 0.32 -25.60	26.69 0.37 -18.53	22.10 0.38 -13.02	22.81 0.36 -13.76	22.60 0.36 -13.74	22.72 0.35 -13.72	25.10 0.35 -16.59	26.03 0.34 -18.03	28.70 0.35 -20.53	34.46 0.44 -25.07	46.35 0.50 -36.11	47.05 0.55 -35.89	42.36 0.99 -23.05	41.32 0.99 -21.68	36.44 0.47 -26.51	25.96 0.53 -15.05	24.04 0.36 -16.47
HUNTER MOUNT___DRP 323613	24.27 0.28 -18.13	22.09 0.25 -16.70	19.73 0.26 -14.00	19.01 0.24 -13.69	19.42 0.24 -14.09	20.64 0.30 -14.37	27.16 0.39 -19.39	31.78 0.34 -24.81	26.14 0.37 -17.97	21.67 0.37 -12.62	22.37 0.36 -13.33	22.16 0.34 -13.31	22.27 0.33 -13.29	24.61 0.33 -16.11	25.53 0.33 -17.54	28.18 0.34 -20.02	33.90 0.44 -24.51	45.65 0.51 -35.40	46.26 0.57 -35.08	41.79 1.03 -22.45	40.70 1.04 -21.01	35.63 0.48 -25.69	25.50 0.54 -14.58	23.53 0.35 -15.96
HUNTINGTON_RES_REC 323705	22.70 0.52 -16.32	19.90 0.43 -14.32	17.92 0.45 -12.01	17.23 0.42 -11.74	17.61 0.44 -12.08	22.30 0.48 -15.85	27.20 0.59 -19.23	30.01 0.58 -22.80	30.77 0.73 -22.24	29.98 0.78 -20.50	30.33 0.77 -20.86	31.82 0.76 -22.55	32.27 0.79 -22.83	32.07 0.73 -23.18	34.08 0.67 -25.76	44.66 0.67 -36.16	45.55 0.80 -35.80	56.82 0.89 -46.19	50.58 0.95 -39.02	43.29 1.63 -23.34	40.11 1.64 -19.83	37.80 0.80 -27.54	32.28 0.82 -21.08	29.76 0.58 -21.97
HUNTLEY___63 23557	8.60 -0.03 -2.77	7.68 -0.01 -2.55	7.62 0.02 -2.14	7.15 -0.02 -2.09	7.23 -0.01 -2.15	8.13 -0.02 -2.19	10.23 -0.11 -2.96	10.11 -0.29 -3.78	10.18 -0.36 -2.75	10.20 -0.43 -1.93	10.34 -0.38 -2.04	10.19 -0.36 -2.04	10.24 -0.44 -2.03	10.29 -0.34 -2.48	10.04 -0.32 -2.70	10.54 -0.38 -3.10	12.33 -0.43 -3.81	14.68 -0.58 -5.52	15.44 -0.62 -5.45	20.61 -1.17 -3.47	20.64 -1.23 -3.22	12.91 -0.48 -3.94	12.23 -0.38 -2.23	9.62 -0.04 -2.45
HUNTLEY___64 23558	8.60 -0.03 -2.77	7.68 -0.01 -2.55	7.62 0.02 -2.14	7.15 -0.02 -2.09	7.23 -0.01 -2.15	8.13 -0.02 -2.19	10.23 -0.11 -2.96	10.11 -0.29 -3.78	10.18 -0.36 -2.75	10.20 -0.43 -1.93	10.34 -0.38 -2.04	10.19 -0.36 -2.04	10.24 -0.44 -2.03	10.29 -0.34 -2.48	10.04 -0.32 -2.70	10.54 -0.38 -3.10	12.33 -0.43 -3.81	14.68 -0.58 -5.52	15.44 -0.62 -5.45	20.61 -1.17 -3.47	20.64 -1.23 -3.22	12.91 -0.48 -3.94	12.23 -0.38 -2.23	9.62 -0.04 -2.45
HUNTLEY___65 23559	8.60 -0.03 -2.77	7.68 -0.01 -2.55	7.62 0.02 -2.14	7.15 -0.02 -2.09	7.23 -0.01 -2.15	8.13 -0.02 -2.19	10.23 -0.11 -2.96	10.11 -0.29 -3.78	10.18 -0.36 -2.75	10.20 -0.43 -1.93	10.34 -0.38 -2.04	10.19 -0.36 -2.04	10.24 -0.44 -2.03	10.29 -0.34 -2.48	10.04 -0.32 -2.70	10.54 -0.38 -3.10	12.33 -0.43 -3.81	14.68 -0.58 -5.52	15.44 -0.62 -5.45	20.61 -1.17 -3.47	20.64 -1.23 -3.22	12.91 -0.48 -3.94	12.23 -0.38 -2.23	9.62 -0.04 -2.45
HUNTLEY___66 23560	8.60 -0.03 -2.77	7.68 -0.01 -2.55	7.62 0.02 -2.14	7.15 -0.02 -2.09	7.23 -0.01 -2.15	8.13 -0.02 -2.19	10.23 -0.11 -2.96	10.11 -0.29 -3.78	10.18 -0.36 -2.75	10.20 -0.43 -1.93	10.34 -0.38 -2.04	10.19 -0.36 -2.04	10.24 -0.44 -2.03	10.29 -0.34 -2.48	10.04 -0.32 -2.70	10.54 -0.38 -3.10	12.33 -0.43 -3.81	14.68 -0.58 -5.52	15.44 -0.62 -5.45	20.61 -1.17 -3.47	20.64 -1.23 -3.22	12.91 -0.48 -3.94	12.23 -0.38 -2.23	9.62 -0.04 -2.45
HUNTLEY___67 23561	8.63 -0.05 -2.82	7.71 -0.03 -2.59	7.63 -0.01 -2.18	7.17 -0.04 -2.13	7.26 -0.02 -2.19	8.16 -0.04 -2.23	10.27 -0.13 -3.01	10.21 -0.27 -3.85	10.26 -0.34 -2.81	10.26 -0.40 -1.97	10.40 -0.36 -2.08	10.25 -0.33 -2.08	10.31 -0.42 -2.07	10.33 -0.35 -2.52	10.09 -0.32 -2.75	10.60 -0.38 -3.16	12.41 -0.43 -3.88	14.80 -0.57 -5.63	15.54 -0.62 -5.56	20.68 -1.17 -3.53	20.70 -1.23 -3.28	12.99 -0.48 -4.01	12.26 -0.39 -2.28	9.65 -0.06 -2.49
HUNTLEY___68 23562	8.63 -0.05 -2.82	7.71 -0.03 -2.59	7.63 -0.01 -2.18	7.17 -0.04 -2.13	7.26 -0.02 -2.19	8.16 -0.04 -2.23	10.27 -0.13 -3.01	10.21 -0.27 -3.85	10.26 -0.34 -2.81	10.26 -0.40 -1.97	10.40 -0.36 -2.08	10.25 -0.33 -2.08	10.31 -0.42 -2.07	10.33 -0.35 -2.52	10.09 -0.32 -2.75	10.60 -0.38 -3.16	12.41 -0.43 -3.88	14.80 -0.57 -5.63	15.54 -0.62 -5.56	20.68 -1.17 -3.53	20.70 -1.23 -3.28	12.99 -0.48 -4.01	12.26 -0.39 -2.28	9.65 -0.06 -2.49
HYLAND___LFGE 323620	9.04 0.42 -2.76	8.03 0.34 -2.55	8.01 0.41 -2.13	7.47 0.30 -2.09	7.57 0.34 -2.15	8.60 0.45 -2.19	10.92 0.59 -2.95	10.86 0.44 -3.78	11.11 0.37 -2.95	10.92 0.16 -2.07	11.07 0.20 -2.18	10.89 0.20 -2.18	10.97 0.15 -2.18	10.97 0.16 -2.65	10.72 0.18 -2.89	11.33 0.20 -3.31	13.30 0.29 -4.06	15.97 0.33 -5.89	16.96 0.54 -5.81	23.19 1.17 -3.70	23.37 1.29 -3.43	14.31 0.65 -4.21	13.45 0.68 -2.39	10.42 0.59 -2.61
INDECK___CORINTH 23802	26.26 0.32 -20.09	23.92 0.27 -18.51	21.32 0.33 -15.52	20.55 0.30 -15.17	21.01 0.31 -15.61	22.27 0.38 -15.93	29.38 0.52 -21.48	34.59 0.46 -27.50	28.20 0.54 -19.87	23.23 0.56 -13.98	24.00 0.54 -14.77	23.80 0.55 -14.75	23.84 0.47 -14.73	26.38 0.45 -17.77	27.36 0.42 -19.28	30.11 0.41 -21.88	36.08 0.48 -26.64	48.54 0.56 -38.24	49.36 0.60 -38.15	44.06 1.14 -24.61	43.06 1.14 -23.28	38.47 0.55 -28.46	27.20 0.66 -16.16	25.32 0.43 -17.68
INDECK___ILION 23567	5.90 0.04 0.00	5.18 0.04 0.00	5.50 0.04 0.00	5.10 0.02 0.00	5.11 0.03 0.00	6.00 0.04 0.00	7.43 0.05 0.00	6.65 0.02 0.00	7.81 0.02 0.00	8.74 0.04 0.00	8.70 0.02 0.00	8.53 0.03 0.00	8.67 0.03 0.00	8.18 0.02 0.00	7.68 0.02 0.00	7.85 0.03 0.00	9.00 0.04 0.00	9.79 0.05 0.00	10.65 0.04 0.00	18.45 0.13 0.00	18.76 0.11 0.00	9.50 0.05 0.00	10.45 0.07 0.00	7.26 0.05 0.00
INDECK___OLEAN 23982	9.06 -0.01 -3.22	8.11 0.01 -2.96	7.98 0.03 -2.48	7.50 -0.01 -2.43	7.59 0.01 -2.50	8.52 0.01 -2.55	10.78 -0.04 -3.44	10.87 -0.17 -4.40	10.85 -0.20 -3.26	10.73 -0.25 -2.29	10.87 -0.23 -2.42	10.72 -0.20 -2.41	10.79 -0.27 -2.41	10.88 -0.21 -2.93	10.66 -0.19 -3.20	11.25 -0.23 -3.66	13.22 -0.24 -4.50	15.92 -0.36 -6.53	16.71 -0.34 -6.44	21.78 -0.64 -4.10	21.73 -0.73 -3.81	13.82 -0.29 -4.65	12.76 -0.26 -2.64	10.10 0.00 -2.89
INDECK___OSWEGO 23783	7.32 -0.10 -1.56	6.49 -0.09 -1.44	6.58 -0.09 -1.21	6.14 -0.12 -1.18	6.19 -0.11 -1.21	7.09 -0.11 -1.24	8.92 -0.13 -1.67	8.61 -0.15 -2.14	9.12 -0.20 -1.54	9.54 -0.23 -1.08	9.58 -0.24 -1.14	9.41 -0.23 -1.13	9.52 -0.26 -1.13	9.31 -0.23 -1.38	8.96 -0.20 -1.50	9.34 -0.20 -1.72	10.83 -0.24 -2.12	12.54 -0.27 -3.07	13.34 -0.30 -3.03	19.77 -0.48 -1.93	19.97 -0.47 -1.79	11.41 -0.24 -2.19	11.38 -0.24 -1.24	8.44 -0.13 -1.36

INDECK___YERKES 23781	8.60 -0.02 -2.77	7.69 -0.01 -2.55	7.62 0.02 -2.14	7.15 -0.02 -2.09	7.24 0.00 -2.15	8.14 -0.02 -2.19	10.23 -0.10 -2.96	10.11 -0.29 -3.78	10.18 -0.37 -2.75	10.20 -0.43 -1.93	10.32 -0.41 -2.04	10.18 -0.37 -2.04	10.23 -0.45 -2.03	10.30 -0.33 -2.48	10.05 -0.31 -2.70	10.54 -0.38 -3.10	12.34 -0.42 -3.81	14.68 -0.58 -5.52	15.45 -0.60 -5.45	20.63 -1.15 -3.47	20.64 -1.23 -3.22	12.92 -0.47 -3.93	12.23 -0.37 -2.23	9.62 -0.04 -2.44
INDIAN POINT_GT_1 24139	21.56 0.33 -15.38	19.59 0.28 -14.17	17.64 0.29 -11.88	16.96 0.27 -11.61	17.32 0.28 -11.95	18.47 0.32 -12.19	24.22 0.40 -16.45	28.05 0.37 -21.05	23.64 0.48 -15.37	19.95 0.55 -10.71	20.54 0.54 -11.31	20.34 0.54 -11.29	20.49 0.56 -11.28	22.58 0.54 -13.89	23.42 0.50 -15.27	26.02 0.49 -17.70	31.53 0.56 -22.01	42.73 0.61 -32.37	42.76 0.67 -31.48	39.11 1.12 -19.67	37.61 1.14 -17.82	31.81 0.56 -21.79	23.35 0.60 -12.37	21.16 0.40 -13.54
INDIAN POINT_GT_2 23659	21.56 0.33 -15.38	19.59 0.28 -14.17	17.64 0.29 -11.88	16.96 0.27 -11.61	17.32 0.28 -11.95	18.47 0.32 -12.19	24.22 0.40 -16.45	28.05 0.37 -21.05	23.64 0.48 -15.37	19.95 0.55 -10.71	20.54 0.54 -11.31	20.34 0.54 -11.29	20.49 0.56 -11.28	22.58 0.54 -13.89	23.42 0.50 -15.27	26.02 0.49 -17.70	31.53 0.56 -22.01	42.73 0.61 -32.37	42.76 0.67 -31.48	39.11 1.12 -19.67	37.61 1.14 -17.82	31.81 0.56 -21.79	23.35 0.60 -12.37	21.16 0.40 -13.54
INDIAN POINT_GT_3 24019	21.56 0.33 -15.38	19.59 0.28 -14.17	17.64 0.29 -11.88	16.96 0.27 -11.61	17.32 0.28 -11.95	18.47 0.32 -12.19	24.22 0.40 -16.45	28.05 0.37 -21.05	23.64 0.48 -15.37	19.95 0.55 -10.71	20.54 0.54 -11.31	20.34 0.54 -11.29	20.49 0.56 -11.28	22.58 0.54 -13.89	23.42 0.50 -15.27	26.02 0.49 -17.70	31.53 0.56 -22.01	42.73 0.61 -32.37	42.76 0.67 -31.48	39.11 1.12 -19.67	37.61 1.14 -17.82	31.81 0.56 -21.79	23.35 0.60 -12.37	21.16 0.40 -13.54
INDIAN POINT___2 23530	21.34 0.33 -15.16	19.39 0.28 -13.96	17.47 0.29 -11.71	16.79 0.27 -11.44	17.15 0.28 -11.78	18.30 0.32 -12.02	23.99 0.40 -16.21	27.75 0.37 -20.75	23.41 0.48 -15.15	19.79 0.55 -10.55	20.38 0.54 -11.15	20.18 0.54 -11.13	20.33 0.56 -11.12	22.38 0.54 -13.68	23.20 0.50 -15.04	25.76 0.49 -17.44	31.20 0.56 -21.69	42.24 0.60 -31.89	42.28 0.66 -31.02	38.82 1.12 -19.39	37.35 1.14 -17.57	31.49 0.56 -21.48	23.18 0.60 -12.20	20.96 0.40 -13.34
INDIAN POINT___3 23531	21.57 0.33 -15.39	19.60 0.28 -14.18	17.65 0.30 -11.89	16.97 0.27 -11.62	17.33 0.28 -11.96	18.48 0.32 -12.20	24.23 0.40 -16.46	28.06 0.36 -21.06	23.65 0.48 -15.38	19.95 0.55 -10.71	20.55 0.54 -11.32	20.35 0.54 -11.30	20.50 0.56 -11.28	22.58 0.53 -13.89	23.43 0.50 -15.28	26.03 0.49 -17.71	31.53 0.55 -22.03	42.74 0.60 -32.39	42.77 0.66 -31.50	39.12 1.12 -19.69	37.60 1.12 -17.83	31.82 0.56 -21.80	23.35 0.59 -12.38	21.16 0.40 -13.55
INGHAM_C_115KV_TB7 356103	5.90 0.04 0.00	5.18 0.04 0.00	5.50 0.04 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.01 0.05 0.00	7.45 0.07 0.00	6.64 0.01 0.00	7.80 0.01 0.00	8.74 0.05 0.00	8.70 0.01 0.00	8.53 0.02 0.00	8.67 0.02 0.00	8.17 0.01 0.00	7.67 0.01 0.00	7.84 0.02 0.00	8.98 0.03 0.00	9.78 0.04 0.00	10.64 0.03 0.00	18.41 0.09 0.00	18.72 0.07 0.00	9.49 0.03 0.00	10.46 0.08 0.00	7.26 0.05 0.00
IP CORINTH___1 23988	26.26 0.32 -20.09	23.92 0.27 -18.51	21.32 0.33 -15.52	20.55 0.30 -15.17	21.01 0.31 -15.61	22.27 0.38 -15.93	29.38 0.52 -21.48	34.59 0.46 -27.50	28.20 0.54 -19.87	23.23 0.56 -13.98	24.01 0.55 -14.77	23.80 0.54 -14.75	23.84 0.47 -14.73	26.38 0.45 -17.77	27.36 0.42 -19.28	30.11 0.41 -21.88	36.08 0.48 -26.64	48.54 0.56 -38.24	49.35 0.60 -38.15	44.06 1.14 -24.61	43.06 1.14 -23.28	38.47 0.55 -28.46	27.20 0.66 -16.16	25.32 0.43 -17.68
IP___TICONDEROGA 23804	26.43 0.52 -20.06	24.07 0.45 -18.48	21.47 0.51 -15.49	20.69 0.47 -15.14	21.15 0.48 -15.59	22.47 0.60 -15.90	29.66 0.83 -21.45	34.83 0.75 -27.45	28.50 0.86 -19.84	23.54 0.89 -13.96	24.30 0.86 -14.75	24.10 0.86 -14.73	24.15 0.80 -14.71	26.64 0.74 -17.74	27.62 0.72 -19.24	30.42 0.76 -21.84	36.43 0.90 -26.58	48.91 1.02 -38.14	49.74 1.08 -38.06	44.91 2.03 -24.56	43.96 2.07 -23.24	38.86 0.98 -28.42	27.62 1.11 -16.13	25.58 0.71 -17.65
ISLIP_RES_REC 323679	22.71 0.53 -16.32	19.92 0.45 -14.32	17.95 0.48 -12.01	17.26 0.44 -11.74	17.64 0.47 -12.08	22.31 0.50 -15.85	27.21 0.61 -19.23	30.03 0.60 -22.80	30.79 0.76 -22.24	30.00 0.81 -20.50	30.31 0.76 -20.86	31.80 0.74 -22.55	32.25 0.77 -22.83	32.04 0.70 -23.18	34.07 0.66 -25.76	44.65 0.66 -36.16	45.58 0.82 -35.80	56.85 0.92 -46.19	50.63 1.00 -39.02	43.36 1.70 -23.34	40.19 1.71 -19.83	37.84 0.84 -27.54	32.27 0.81 -21.08	29.76 0.58 -21.97
JAMAICA__27_KV_LOAD 355505	21.75 0.36 -15.54	19.76 0.30 -14.32	17.78 0.31 -12.00	17.10 0.28 -11.73	17.46 0.30 -12.08	18.64 0.36 -12.32	24.47 0.47 -16.62	28.37 0.47 -21.27	23.94 0.62 -15.53	20.22 0.71 -10.82	20.76 0.64 -11.43	20.57 0.65 -11.41	20.73 0.68 -11.40	22.84 0.65 -14.03	23.68 0.59 -15.43	26.29 0.58 -17.89	31.84 0.63 -22.25	43.15 0.68 -32.73	43.17 0.74 -31.82	39.45 1.25 -19.88	37.91 1.25 -18.01	32.11 0.63 -22.02	23.62 0.74 -12.50	21.38 0.48 -13.69
JANIS___SOLAR 323808	10.52 0.30 -4.35	9.43 0.27 -4.01	9.11 0.28 -3.36	8.56 0.19 -3.29	8.68 0.21 -3.38	9.71 0.29 -3.45	12.43 0.39 -4.66	12.86 0.27 -5.96	12.41 0.22 -4.40	11.98 0.20 -3.08	12.09 0.14 -3.26	11.88 0.12 -3.25	11.98 0.09 -3.25	12.19 0.08 -3.95	12.07 0.09 -4.31	12.90 0.14 -4.94	15.25 0.22 -6.07	18.87 0.32 -8.81	19.72 0.42 -8.69	24.85 1.01 -5.53	24.82 1.04 -5.13	16.17 0.44 -6.28	14.42 0.48 -3.57	11.48 0.37 -3.90
JARVIS____ 23743	5.88 0.02 0.00	5.16 0.02 0.00	5.48 0.02 0.00	5.09 0.01 0.00	5.10 0.01 0.00	5.98 0.02 0.00	7.40 0.02 0.00	6.64 0.01 0.00	7.80 0.01 0.00	8.71 0.02 0.00	8.70 0.01 0.00	8.52 0.01 0.00	8.66 0.01 0.00	8.17 0.01 0.00	7.67 0.01 0.00	7.84 0.02 0.00	8.97 0.02 0.00	9.76 0.02 0.00	10.63 0.02 0.00	18.37 0.06 0.00	18.70 0.06 0.00	9.49 0.03 0.00	10.41 0.03 0.00	7.24 0.02 0.00
JENNISON___1 23625	11.63 0.33 -5.44	10.46 0.30 -5.01	9.98 0.31 -4.20	9.41 0.22 -4.11	9.55 0.24 -4.23	10.60 0.32 -4.31	13.62 0.42 -5.82	14.38 0.30 -7.45	13.54 0.29 -5.46	12.85 0.33 -3.82	13.02 0.30 -4.04	12.82 0.28 -4.03	12.94 0.26 -4.03	13.30 0.24 -4.90	13.24 0.23 -5.35	14.23 0.29 -6.12	16.85 0.37 -7.53	21.10 0.44 -10.92	21.88 0.51 -10.77	26.29 1.12 -6.85	26.13 1.12 -6.36	17.71 0.47 -7.78	15.30 0.51 -4.42	12.44 0.40 -4.83
JENNISON___2 23626	11.63 0.33 -5.44	10.46 0.30 -5.01	9.98 0.31 -4.20	9.41 0.22 -4.11	9.55 0.24 -4.23	10.60 0.32 -4.31	13.62 0.42 -5.82	14.38 0.30 -7.45	13.54 0.29 -5.46	12.85 0.33 -3.82	13.02 0.30 -4.04	12.82 0.28 -4.03	12.94 0.26 -4.03	13.30 0.24 -4.90	13.24 0.23 -5.35	14.23 0.29 -6.12	16.85 0.37 -7.53	21.10 0.44 -10.92	21.88 0.51 -10.77	26.29 1.12 -6.85	26.13 1.12 -6.36	17.71 0.47 -7.78	15.30 0.51 -4.42	12.44 0.40 -4.83

JERICO_RISE_WT_PWR 323719	5.78 -0.08 0.00	5.08 -0.07 0.00	5.39 -0.08 0.00	5.05 -0.04 0.00	5.05 -0.04 0.00	5.92 -0.04 0.00	7.38 0.00 0.00	6.69 0.06 0.00	7.88 0.09 0.00	8.76 0.07 0.00	8.78 0.10 0.00	8.57 0.06 0.00	8.77 0.12 0.00	8.24 0.08 0.00	7.71 0.05 0.00	7.86 0.04 0.00	9.00 0.05 0.00	9.89 0.15 0.00	10.78 0.18 0.00	18.52 0.20 0.00	18.85 0.21 0.00	9.53 0.08 0.00	10.37 -0.01 0.00	7.19 -0.02 0.00
KATONAH__115KV_46KV_TB4 355592	21.94 0.35 -15.73	19.93 0.29 -14.50	17.93 0.31 -12.16	17.24 0.28 -11.88	17.60 0.28 -12.23	18.76 0.32 -12.48	24.62 0.41 -16.83	28.55 0.38 -21.54	23.99 0.48 -15.73	20.20 0.55 -10.96	20.81 0.55 -11.58	20.60 0.54 -11.56	20.76 0.57 -11.54	22.91 0.54 -14.21	23.79 0.51 -15.62	26.45 0.52 -18.11	32.07 0.60 -22.51	43.51 0.66 -33.10	43.52 0.72 -32.20	39.63 1.19 -20.12	38.10 1.21 -18.24	32.35 0.60 -22.30	23.65 0.61 -12.66	21.48 0.41 -13.85
KCE_NY_1 323755	26.18 0.30 -20.01	23.85 0.27 -18.44	21.23 0.30 -15.46	20.46 0.27 -15.11	20.92 0.27 -15.56	22.17 0.34 -15.87	29.23 0.44 -21.40	34.41 0.38 -27.39	28.03 0.44 -19.79	23.09 0.47 -13.93	23.87 0.46 -14.72	23.66 0.46 -14.70	23.76 0.44 -14.67	26.27 0.42 -17.70	27.25 0.40 -19.19	30.00 0.41 -21.77	35.93 0.48 -26.49	48.28 0.54 -38.00	49.12 0.58 -37.93	43.87 1.06 -24.49	42.90 1.06 -23.19	38.34 0.53 -28.35	27.08 0.60 -16.10	25.23 0.40 -17.62
KCE_NY_6_ESR 323823	8.80 0.01 -2.93	7.87 0.02 -2.70	7.78 0.05 -2.27	7.31 0.01 -2.21	7.39 0.03 -2.28	8.30 0.01 -2.33	10.46 -0.05 -3.14	10.44 -0.20 -4.01	10.48 -0.25 -2.93	10.45 -0.30 -2.06	10.58 -0.28 -2.17	10.44 -0.24 -2.17	10.50 -0.31 -2.17	10.55 -0.24 -2.64	10.31 -0.23 -2.88	10.84 -0.28 -3.30	12.70 -0.31 -4.05	15.17 -0.46 -5.88	15.94 -0.47 -5.80	21.11 -0.90 -3.69	21.09 -0.99 -3.43	13.27 -0.37 -4.19	12.48 -0.28 -2.38	9.82 0.01 -2.60
KEDC_PORT_JEFF_GT2 24210	22.70 0.52 -16.32	19.90 0.43 -14.32	17.93 0.46 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.29 0.48 -15.85	27.18 0.58 -19.23	29.99 0.56 -22.80	30.75 0.72 -22.24	29.97 0.77 -20.50	30.26 0.71 -20.86	31.76 0.70 -22.55	32.21 0.73 -22.83	32.00 0.66 -23.18	34.03 0.61 -25.76	44.61 0.63 -36.16	45.52 0.76 -35.80	56.78 0.85 -46.19	50.54 0.91 -39.02	43.21 1.56 -23.34	40.06 1.58 -19.83	37.77 0.78 -27.54	32.22 0.77 -21.08	29.74 0.56 -21.97
KEDC_PORT_JEFF_GT3 24211	22.70 0.52 -16.32	19.90 0.43 -14.32	17.93 0.46 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.29 0.48 -15.85	27.18 0.58 -19.23	29.99 0.56 -22.80	30.75 0.72 -22.24	29.97 0.77 -20.50	30.26 0.71 -20.86	31.76 0.70 -22.55	32.21 0.73 -22.83	32.00 0.66 -23.18	34.03 0.61 -25.76	44.61 0.63 -36.16	45.52 0.76 -35.80	56.78 0.85 -46.19	50.54 0.91 -39.02	43.21 1.56 -23.34	40.06 1.58 -19.83	37.77 0.78 -27.54	32.22 0.77 -21.08	29.74 0.56 -21.97
KEDC_GLWD_GT4 24219	22.62 0.44 -16.32	19.84 0.38 -14.32	17.86 0.39 -12.01	17.18 0.36 -11.74	17.54 0.37 -12.08	22.23 0.42 -15.85	27.13 0.52 -19.23	29.92 0.49 -22.80	30.66 0.62 -22.24	29.90 0.70 -20.50	30.26 0.70 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.03 0.69 -23.18	34.06 0.64 -25.76	44.62 0.64 -36.16	45.42 0.66 -35.80	56.65 0.72 -46.19	50.41 0.78 -39.02	42.99 1.34 -23.34	39.82 1.34 -19.83	37.70 0.71 -27.54	32.24 0.78 -21.08	29.72 0.53 -21.97
KEDC_GLWD_GT5 24220	22.62 0.44 -16.32	19.84 0.38 -14.32	17.86 0.39 -12.01	17.18 0.36 -11.74	17.54 0.37 -12.08	22.23 0.42 -15.85	27.13 0.52 -19.23	29.92 0.49 -22.80	30.66 0.62 -22.24	29.90 0.70 -20.50	30.26 0.70 -20.86	31.77 0.71 -22.55	32.22 0.73 -22.83	32.03 0.69 -23.18	34.06 0.64 -25.76	44.62 0.64 -36.16	45.42 0.66 -35.80	56.65 0.72 -46.19	50.41 0.78 -39.02	42.99 1.34 -23.34	39.82 1.34 -19.83	37.70 0.71 -27.54	32.24 0.78 -21.08	29.72 0.53 -21.97
KENSICO____ 23655	21.71 0.35 -15.51	19.73 0.30 -14.29	17.76 0.31 -11.98	17.08 0.28 -11.71	17.43 0.29 -12.05	18.59 0.33 -12.30	24.38 0.41 -16.59	28.25 0.39 -21.23	23.79 0.50 -15.50	20.06 0.57 -10.80	20.67 0.57 -11.41	20.46 0.56 -11.39	20.62 0.60 -11.37	22.73 0.56 -14.00	23.58 0.52 -15.40	26.19 0.52 -17.86	31.74 0.57 -22.21	43.04 0.63 -32.66	43.05 0.69 -31.76	39.34 1.17 -19.84	37.80 1.17 -17.97	32.02 0.59 -21.98	23.48 0.62 -12.48	21.29 0.43 -13.65
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.66 0.33 -14.48	18.76 0.28 -13.34	16.93 0.28 -11.19	16.27 0.26 -10.93	16.61 0.27 -11.25	17.76 0.31 -11.48	23.25 0.38 -15.48	26.77 0.34 -19.81	22.65 0.42 -14.44	19.26 0.50 -10.07	19.82 0.49 -10.65	19.60 0.47 -10.63	19.76 0.50 -10.61	21.65 0.47 -13.02	22.31 0.38 -14.27	24.68 0.38 -16.49	29.83 0.45 -20.43	40.17 0.52 -29.91	40.42 0.59 -29.23	37.70 1.01 -18.37	36.61 1.17 -16.78	30.52 0.54 -20.52	22.63 0.60 -11.65	20.36 0.40 -12.75
KIAC_JFK_GT1 23816	21.72 0.33 -15.54	19.74 0.28 -14.32	17.75 0.28 -12.00	17.07 0.26 -11.73	17.43 0.27 -12.08	18.61 0.32 -12.32	24.43 0.44 -16.62	28.34 0.44 -21.27	23.90 0.58 -15.53	20.17 0.66 -10.82	20.72 0.60 -11.43	20.53 0.60 -11.41	20.68 0.64 -11.40	22.80 0.61 -14.03	23.64 0.55 -15.43	26.25 0.54 -17.89	31.79 0.58 -22.25	43.07 0.60 -32.73	43.08 0.65 -31.82	39.28 1.08 -19.88	37.74 1.08 -18.01	32.04 0.56 -22.02	23.56 0.67 -12.50	21.34 0.43 -13.69
KIAC_JFK_GT2 23817	21.72 0.33 -15.54	19.74 0.28 -14.32	17.75 0.28 -12.00	17.07 0.26 -11.73	17.43 0.27 -12.08	18.61 0.32 -12.32	24.43 0.44 -16.62	28.34 0.44 -21.27	23.90 0.58 -15.53	20.17 0.66 -10.82	20.72 0.60 -11.43	20.53 0.60 -11.41	20.68 0.64 -11.40	22.80 0.61 -14.03	23.64 0.55 -15.43	26.25 0.54 -17.89	31.79 0.58 -22.25	43.07 0.60 -32.73	43.08 0.65 -31.82	39.28 1.08 -19.88	37.74 1.08 -18.01	32.04 0.56 -22.02	23.56 0.67 -12.50	21.34 0.43 -13.69
KIAC_JFK____ 323774	21.72 0.33 -15.54	19.74 0.28 -14.32	17.75 0.28 -12.00	17.07 0.26 -11.73	17.43 0.27 -12.08	18.61 0.32 -12.32	24.43 0.44 -16.62	28.34 0.44 -21.27	23.90 0.58 -15.53	20.17 0.66 -10.82	20.72 0.60 -11.43	20.53 0.60 -11.41	20.68 0.64 -11.40	22.80 0.61 -14.03	23.64 0.55 -15.43	26.25 0.54 -17.89	31.79 0.58 -22.25	43.07 0.60 -32.73	43.08 0.65 -31.82	39.28 1.08 -19.88	37.74 1.08 -18.01	32.04 0.56 -22.02	23.56 0.67 -12.50	21.34 0.43 -13.69
KINTIGH____ 23543	8.28 -0.03 -2.45	7.38 -0.02 -2.26	7.36 0.00 -1.89	6.90 -0.03 -1.85	6.98 -0.02 -1.90	7.88 -0.03 -1.94	9.90 -0.10 -2.62	9.77 -0.22 -3.35	9.93 -0.29 -2.42	10.05 -0.34 -1.70	10.18 -0.30 -1.79	10.01 -0.29 -1.79	10.08 -0.35 -1.79	10.03 -0.30 -2.18	9.75 -0.28 -2.38	10.22 -0.32 -2.72	11.94 -0.37 -3.35	14.10 -0.50 -4.86	14.85 -0.54 -4.79	20.38 -0.99 -3.05	20.43 -1.04 -2.83	12.51 -0.41 -3.46	12.01 -0.33 -1.96	9.33 -0.04 -2.15
KNTFSRNC_46_KV_46KV_LOAD 80397	5.85 -0.01 0.00	5.14 -0.01 0.00	5.45 -0.01 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.00 0.04 0.00	7.50 0.13 0.00	6.80 0.17 0.00	8.01 0.22 0.00	8.89 0.20 0.00	8.89 0.20 0.00	8.69 0.18 0.00	8.90 0.25 0.00	8.36 0.20 0.00	7.83 0.17 0.00	7.98 0.16 0.00	9.14 0.19 0.00	10.08 0.33 0.00	11.01 0.40 0.00	18.87 0.55 0.00	19.21 0.56 0.00	9.69 0.24 0.00	10.52 0.15 0.00	7.30 0.09 0.00

LACHUTE____HYDRO 323717	26.43 0.52 -20.06	24.07 0.45 -18.48	21.47 0.51 -15.49	20.69 0.47 -15.14	21.15 0.48 -15.59	22.47 0.60 -15.90	29.66 0.83 -21.45	34.83 0.75 -27.45	28.50 0.86 -19.84	23.54 0.89 -13.96	24.30 0.86 -14.75	24.10 0.86 -14.73	24.15 0.80 -14.71	26.64 0.74 -17.74	27.62 0.72 -19.24	30.42 0.76 -21.84	36.43 0.90 -26.58	48.91 1.02 -38.14	49.74 1.08 -38.06	44.91 2.03 -24.56	43.96 2.07 -23.24	38.86 0.98 -28.42	27.62 1.11 -16.13	25.58 0.71 -17.65
LAWRNCV_115KV_TB1 80681	5.72 -0.13 0.00	5.04 -0.11 0.00	5.34 -0.13 0.00	4.98 -0.10 0.00	4.99 -0.09 0.00	5.85 -0.11 0.00	7.28 -0.10 0.00	6.56 -0.07 0.00	7.69 -0.10 0.00	8.57 -0.12 0.00	8.54 -0.15 0.00	8.35 -0.16 0.00	8.54 -0.11 0.00	7.99 -0.17 0.00	7.41 -0.25 0.00	7.57 -0.25 0.00	8.68 -0.28 0.00	9.50 -0.24 0.00	10.35 -0.25 0.00	17.86 -0.46 0.00	18.26 -0.39 0.00	9.31 -0.15 0.00	10.20 -0.18 0.00	7.07 -0.14 0.00
LEDERLE____ 23769	21.13 0.35 -14.92	19.20 0.30 -13.75	17.31 0.32 -11.53	16.64 0.29 -11.27	16.99 0.30 -11.60	18.14 0.34 -11.83	23.77 0.43 -15.96	27.46 0.40 -20.43	23.21 0.51 -14.91	19.67 0.58 -10.39	20.24 0.57 -10.98	20.04 0.57 -10.96	20.20 0.61 -10.95	22.21 0.58 -13.47	23.00 0.54 -14.81	25.52 0.53 -17.17	30.90 0.60 -21.34	41.79 0.66 -31.38	41.85 0.72 -30.53	38.61 1.21 -19.08	37.18 1.23 -17.30	31.20 0.60 -21.15	23.04 0.65 -12.01	20.79 0.44 -13.14
LIGHTHSE_115KV_TB6 355974	7.25 -0.02 -1.41	6.43 -0.02 -1.30	6.53 -0.02 -1.09	6.09 -0.06 -1.07	6.14 -0.05 -1.10	7.05 -0.04 -1.12	8.87 -0.02 -1.51	8.51 -0.05 -1.93	9.07 -0.11 -1.39	9.54 -0.13 -0.97	9.58 -0.14 -1.03	9.40 -0.14 -1.03	9.52 -0.16 -1.03	9.26 -0.15 -1.25	8.89 -0.13 -1.36	9.26 -0.13 -1.56	10.73 -0.14 -1.92	12.37 -0.16 -2.78	13.20 -0.15 -2.74	19.94 -0.13 -1.75	20.14 -0.13 -1.62	11.35 -0.09 -1.98	11.43 -0.07 -1.13	8.42 -0.02 -1.23
LINDEN COGEN____ 23786	21.77 0.38 -15.54	19.79 0.33 -14.32	17.80 0.33 -12.00	17.12 0.31 -11.73	17.49 0.32 -12.08	18.65 0.36 -12.32	24.45 0.45 -16.62	28.33 0.43 -21.27	23.89 0.57 -15.53	20.17 0.66 -10.82	20.75 0.63 -11.43	20.57 0.65 -11.41	20.72 0.68 -11.40	22.82 0.63 -14.03	23.66 0.57 -15.43	26.27 0.56 -17.89	31.81 0.60 -22.25	43.12 0.65 -32.73	43.13 0.70 -31.82	39.39 1.19 -19.88	37.85 1.19 -18.01	32.09 0.61 -22.02	23.58 0.70 -12.50	21.38 0.48 -13.69
LINDHRST_69_KV_BK1 356055	22.71 0.53 -16.32	19.91 0.44 -14.32	17.93 0.46 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.31 0.50 -15.85	27.21 0.61 -19.23	30.01 0.58 -22.80	30.77 0.73 -22.24	29.99 0.80 -20.50	30.33 0.78 -20.86	31.82 0.76 -22.55	32.27 0.79 -22.83	32.08 0.74 -23.18	34.10 0.68 -25.76	44.66 0.67 -36.16	45.54 0.78 -35.80	56.77 0.84 -46.19	50.55 0.92 -39.02	43.25 1.59 -23.34	40.08 1.60 -19.83	37.84 0.84 -27.54	32.33 0.87 -21.08	29.79 0.61 -21.97
LIPA_MISC_IPP 23656	22.67 0.49 -16.32	19.88 0.42 -14.32	17.92 0.45 -12.01	17.23 0.42 -11.74	17.61 0.44 -12.08	22.27 0.46 -15.85	27.15 0.54 -19.23	29.94 0.51 -22.80	30.69 0.65 -22.24	29.94 0.75 -20.50	30.17 0.62 -20.86	31.66 0.60 -22.55	32.10 0.62 -22.83	31.90 0.56 -23.18	33.94 0.53 -25.76	44.52 0.54 -36.16	45.40 0.64 -35.80	56.64 0.71 -46.19	50.41 0.78 -39.02	42.99 1.34 -23.34	39.82 1.34 -19.83	37.67 0.67 -27.54	32.13 0.67 -21.08	29.68 0.49 -21.97
LISF____SOLAR 323691	22.68 0.50 -16.32	19.89 0.43 -14.32	17.92 0.45 -12.01	17.24 0.42 -11.74	17.62 0.45 -12.08	22.28 0.47 -15.85	27.15 0.55 -19.23	29.94 0.51 -22.80	30.69 0.65 -22.24	29.94 0.75 -20.50	30.16 0.61 -20.86	31.66 0.60 -22.55	32.10 0.62 -22.83	31.90 0.56 -23.18	33.94 0.53 -25.76	44.51 0.53 -36.16	45.42 0.66 -35.80	56.67 0.74 -46.19	50.45 0.82 -39.02	43.05 1.39 -23.34	39.87 1.40 -19.83	37.68 0.68 -27.54	32.14 0.68 -21.08	29.68 0.50 -21.97
LITTLE FALLS____HYD 24013	5.90 0.04 0.00	5.18 0.04 0.00	5.50 0.04 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.01 0.05 0.00	7.45 0.07 0.00	6.64 0.01 0.00	7.80 0.01 0.00	8.74 0.05 0.00	8.70 0.01 0.00	8.53 0.02 0.00	8.67 0.02 0.00	8.17 0.01 0.00	7.67 0.01 0.00	7.84 0.02 0.00	8.98 0.03 0.00	9.78 0.04 0.00	10.64 0.03 0.00	18.41 0.09 0.00	18.72 0.07 0.00	9.49 0.03 0.00	10.46 0.08 0.00	7.26 0.05 0.00
LITTLRIV_115KV_TB1 356100	5.76 -0.10 0.00	5.07 -0.07 0.00	5.37 -0.09 0.00	5.01 -0.07 0.00	5.02 -0.07 0.00	5.89 -0.08 0.00	7.33 -0.04 0.00	6.60 -0.03 0.00	7.73 -0.06 0.00	8.63 -0.06 0.00	8.57 -0.11 0.00	8.38 -0.13 0.00	8.57 -0.08 0.00	8.02 -0.14 0.00	7.44 -0.21 0.00	7.61 -0.21 0.00	8.73 -0.22 0.00	9.57 -0.18 0.00	10.42 -0.18 0.00	18.03 -0.29 0.00	18.42 -0.22 0.00	9.36 -0.09 0.00	10.26 -0.11 0.00	7.11 -0.10 0.00
LI_NEWBRDGE____DRP 323616	22.63 0.45 -16.32	19.84 0.38 -14.32	17.86 0.39 -12.01	17.18 0.36 -11.74	17.55 0.38 -12.08	22.23 0.42 -15.85	27.12 0.52 -19.23	29.92 0.49 -22.80	30.66 0.62 -22.24	29.89 0.70 -20.50	30.23 0.68 -20.86	31.72 0.66 -22.55	32.16 0.68 -22.83	31.98 0.64 -23.18	34.00 0.59 -25.76	44.56 0.58 -36.16	45.42 0.66 -35.80	56.65 0.72 -46.19	50.41 0.78 -39.02	42.99 1.34 -23.34	39.83 1.36 -19.83	37.68 0.69 -27.54	32.20 0.75 -21.08	29.70 0.52 -21.97
LOCKPORT_115KV_TB60_63_64 80432	8.46 -0.06 -2.66	7.55 -0.05 -2.45	7.51 -0.01 -2.06	7.05 -0.05 -2.01	7.13 -0.03 -2.07	8.01 -0.07 -2.11	10.06 -0.17 -2.85	9.95 -0.32 -3.64	10.03 -0.41 -2.65	10.07 -0.48 -1.85	10.20 -0.44 -1.96	10.06 -0.41 -1.96	10.11 -0.49 -1.95	10.11 -0.42 -2.38	9.85 -0.40 -2.59	10.35 -0.45 -2.97	12.10 -0.51 -3.66	14.37 -0.67 -5.30	15.13 -0.71 -5.23	20.31 -1.34 -3.33	20.34 -1.40 -3.09	12.68 -0.56 -3.78	12.05 -0.48 -2.14	9.47 -0.09 -2.35
LOCKPORT____CC1 323769	8.48 -0.06 -2.68	7.57 -0.05 -2.47	7.52 -0.01 -2.07	7.06 -0.04 -2.02	7.14 -0.03 -2.08	8.03 -0.06 -2.13	10.08 -0.16 -2.87	9.99 -0.31 -3.67	10.07 -0.39 -2.66	10.10 -0.46 -1.87	10.21 -0.45 -1.97	10.08 -0.40 -1.97	10.12 -0.49 -1.97	10.15 -0.41 -2.39	9.89 -0.38 -2.61	10.38 -0.44 -3.00	12.14 -0.50 -3.68	14.43 -0.65 -5.34	15.17 -0.70 -5.27	20.37 -1.30 -3.35	20.38 -1.38 -3.11	12.71 -0.55 -3.80	12.08 -0.46 -2.16	9.49 -0.09 -2.36
LOCKPORT____CC2 323770	8.48 -0.06 -2.68	7.57 -0.05 -2.47	7.52 -0.01 -2.07	7.06 -0.04 -2.02	7.14 -0.03 -2.08	8.03 -0.06 -2.13	10.08 -0.16 -2.87	9.99 -0.31 -3.67	10.07 -0.39 -2.66	10.10 -0.46 -1.87	10.21 -0.45 -1.97	10.08 -0.40 -1.97	10.12 -0.49 -1.97	10.15 -0.41 -2.39	9.89 -0.38 -2.61	10.38 -0.44 -3.00	12.14 -0.50 -3.68	14.43 -0.65 -5.34	15.17 -0.70 -5.27	20.37 -1.30 -3.35	20.38 -1.38 -3.11	12.71 -0.55 -3.80	12.08 -0.46 -2.16	9.49 -0.09 -2.36
LOCKPORT____CC3 323771	8.48 -0.06 -2.68	7.57 -0.05 -2.47	7.52 -0.01 -2.07	7.06 -0.04 -2.02	7.14 -0.03 -2.08	8.03 -0.06 -2.13	10.08 -0.16 -2.87	9.99 -0.31 -3.67	10.07 -0.39 -2.66	10.10 -0.46 -1.87	10.21 -0.45 -1.97	10.08 -0.40 -1.97	10.12 -0.49 -1.97	10.15 -0.41 -2.39	9.89 -0.38 -2.61	10.38 -0.44 -3.00	12.14 -0.50 -3.68	14.43 -0.65 -5.34	15.17 -0.70 -5.27	20.37 -1.30 -3.35	20.38 -1.38 -3.11	12.71 -0.55 -3.80	12.08 -0.46 -2.16	9.49 -0.09 -2.36

LONG_LAKE_PHOENIX 24014	7.40 -0.05 -1.59	6.56 -0.05 -1.47	6.64 -0.05 -1.23	6.21 -0.08 -1.20	6.25 -0.07 -1.24	7.16 -0.07 -1.26	9.01 -0.07 -1.70	8.71 -0.10 -2.18	9.22 -0.14 -1.56	9.62 -0.17 -1.10	9.68 -0.17 -1.16	9.50 -0.16 -1.16	9.62 -0.18 -1.16	9.41 -0.16 -1.41	9.05 -0.14 -1.53	9.44 -0.14 -1.76	10.95 -0.16 -2.16	12.68 -0.19 -3.13	13.48 -0.21 -3.09	19.95 -0.33 -1.97	20.16 -0.32 -1.83	11.53 -0.16 -2.23	11.49 -0.16 -1.27	8.54 -0.06 -1.39
LOVETT___3 23632	21.18 0.33 -14.99	19.24 0.28 -13.81	17.34 0.29 -11.58	16.67 0.27 -11.32	17.02 0.27 -11.65	18.17 0.32 -11.89	23.80 0.39 -16.03	27.52 0.36 -20.52	23.24 0.47 -14.98	19.67 0.54 -10.44	20.25 0.53 -11.03	20.05 0.53 -11.01	20.21 0.56 -11.00	22.22 0.53 -13.54	23.04 0.50 -14.88	25.56 0.49 -17.25	30.95 0.55 -21.45	41.88 0.60 -31.53	41.93 0.66 -30.67	38.61 1.12 -19.17	37.14 1.12 -17.38	31.25 0.55 -21.25	23.05 0.60 -12.06	20.82 0.40 -13.20
LOVETT___4 23642	21.18 0.33 -14.99	19.24 0.28 -13.81	17.34 0.29 -11.58	16.67 0.27 -11.32	17.02 0.27 -11.65	18.17 0.32 -11.89	23.80 0.39 -16.03	27.52 0.36 -20.52	23.24 0.47 -14.98	19.67 0.54 -10.44	20.25 0.53 -11.03	20.05 0.53 -11.01	20.21 0.56 -11.00	22.22 0.53 -13.54	23.04 0.50 -14.88	25.56 0.49 -17.25	30.95 0.55 -21.45	41.88 0.60 -31.53	41.93 0.66 -30.67	38.61 1.12 -19.17	37.14 1.12 -17.38	31.25 0.55 -21.25	23.05 0.60 -12.06	20.82 0.40 -13.20
LOVETT___5 23593	21.18 0.33 -14.99	19.24 0.28 -13.81	17.34 0.29 -11.58	16.67 0.27 -11.32	17.02 0.27 -11.65	18.17 0.32 -11.89	23.80 0.39 -16.03	27.52 0.36 -20.52	23.24 0.47 -14.98	19.67 0.54 -10.44	20.25 0.53 -11.03	20.05 0.53 -11.01	20.21 0.56 -11.00	22.22 0.53 -13.54	23.04 0.50 -14.88	25.56 0.49 -17.25	30.95 0.55 -21.45	41.88 0.60 -31.53	41.93 0.66 -30.67	38.61 1.12 -19.17	37.14 1.12 -17.38	31.25 0.55 -21.25	23.05 0.60 -12.06	20.82 0.40 -13.20
LOWER_RAQUET___HYD 24057	5.72 -0.13 0.00	5.03 -0.11 0.00	5.33 -0.13 0.00	4.98 -0.10 0.00	4.99 -0.10 0.00	5.85 -0.12 0.00	7.28 -0.10 0.00	6.56 -0.07 0.00	7.69 -0.10 0.00	8.57 -0.12 0.00	8.55 -0.14 0.00	8.34 -0.17 0.00	8.54 -0.11 0.00	7.97 -0.19 0.00	7.38 -0.28 0.00	7.55 -0.27 0.00	8.65 -0.30 0.00	9.47 -0.27 0.00	10.32 -0.29 0.00	17.81 -0.51 0.00	18.22 -0.43 0.00	9.30 -0.16 0.00	10.19 -0.19 0.00	7.07 -0.14 0.00
LOWER___HUDSON 24059	25.67 0.25 -19.56	23.38 0.22 -18.02	20.81 0.23 -15.11	20.07 0.21 -14.77	20.51 0.21 -15.21	21.73 0.26 -15.51	28.63 0.32 -20.92	33.67 0.27 -26.78	27.43 0.32 -19.32	22.66 0.35 -13.62	23.42 0.35 -14.39	23.21 0.34 -14.37	23.31 0.32 -14.34	25.72 0.31 -17.25	26.63 0.30 -18.67	29.24 0.30 -21.12	34.93 0.36 -25.61	46.75 0.40 -36.60	47.72 0.43 -36.68	42.88 0.77 -23.79	42.08 0.76 -22.67	37.57 0.40 -27.72	26.56 0.45 -15.74	24.74 0.30 -17.22
LOWVILLE_115KV_TB2 356335	6.63 0.06 -0.71	5.86 0.07 -0.65	6.07 0.06 -0.55	5.63 0.02 -0.53	5.67 0.03 -0.55	6.58 0.06 -0.56	8.24 0.10 -0.76	7.67 0.07 -0.97	8.51 0.02 -0.70	9.19 0.01 -0.49	9.18 -0.03 -0.52	8.99 -0.03 -0.52	9.13 -0.03 -0.52	8.73 -0.06 -0.63	8.27 -0.07 -0.68	8.57 -0.04 -0.78	9.91 -0.01 -0.96	11.20 0.06 -1.40	12.08 0.10 -1.38	19.56 0.37 -0.88	19.85 0.39 -0.82	10.59 0.13 -1.00	11.09 0.15 -0.57	7.93 0.10 -0.62
LUTHERFT_115KV_GLOB_FND_222 355753	26.18 0.30 -20.01	23.85 0.27 -18.44	21.22 0.30 -15.46	20.46 0.27 -15.11	20.92 0.27 -15.56	22.17 0.33 -15.87	29.22 0.44 -21.40	34.40 0.38 -27.40	28.03 0.44 -19.79	23.09 0.47 -13.93	23.87 0.46 -14.72	23.66 0.46 -14.70	23.76 0.43 -14.67	26.27 0.42 -17.70	27.25 0.40 -19.19	29.99 0.40 -21.77	35.92 0.47 -26.49	48.28 0.54 -38.00	49.11 0.57 -37.93	43.85 1.04 -24.49	42.90 1.06 -23.19	38.34 0.53 -28.35	27.07 0.59 -16.10	25.23 0.40 -17.62
LUTHERNY_35_KV_BK2 355980	26.18 0.30 -20.01	23.85 0.27 -18.44	21.23 0.30 -15.46	20.46 0.27 -15.11	20.92 0.27 -15.56	22.17 0.34 -15.87	29.23 0.44 -21.40	34.41 0.38 -27.40	28.03 0.44 -19.79	23.09 0.47 -13.93	23.88 0.47 -14.72	23.66 0.46 -14.70	23.76 0.44 -14.67	26.27 0.42 -17.70	27.25 0.40 -19.19	30.00 0.41 -21.77	35.93 0.48 -26.49	48.28 0.54 -38.00	49.12 0.58 -37.93	43.87 1.06 -24.49	42.90 1.06 -23.19	38.34 0.53 -28.35	27.08 0.60 -16.10	25.23 0.40 -17.62
LWR___OSWEGATCHIE_HYD 23850	6.33 -0.05 -0.52	5.58 -0.04 -0.48	5.81 -0.05 -0.40	5.42 -0.06 -0.39	5.44 -0.05 -0.41	6.33 -0.05 -0.41	7.92 -0.02 -0.56	7.34 -0.01 -0.72	8.26 -0.05 -0.52	8.96 -0.10 -0.36	8.95 -0.12 -0.39	8.77 -0.13 -0.38	8.92 -0.11 -0.38	8.47 -0.16 -0.47	7.96 -0.21 -0.51	8.22 -0.19 -0.58	9.49 -0.19 -0.72	10.64 -0.15 -1.04	11.51 -0.13 -1.03	18.84 -0.13 -0.65	19.18 -0.07 -0.61	10.16 -0.04 -0.74	10.75 -0.05 -0.42	7.63 -0.04 -0.46
LYONS_FALL_HYD 23570	6.61 0.09 -0.67	5.84 0.08 -0.62	6.06 0.08 -0.52	5.62 0.03 -0.50	5.65 0.05 -0.52	6.57 0.07 -0.53	8.21 0.12 -0.71	7.62 0.07 -0.91	8.50 0.05 -0.66	9.21 0.05 -0.46	9.19 0.01 -0.49	9.01 0.01 -0.49	9.15 0.01 -0.49	8.74 -0.01 -0.59	8.29 -0.02 -0.65	8.58 0.02 -0.74	9.92 0.05 -0.91	11.17 0.11 -1.32	12.05 0.14 -1.30	19.55 0.40 -0.83	19.83 0.41 -0.77	10.54 0.14 -0.94	11.08 0.17 -0.54	7.92 0.12 -0.59
MADISON___COUNTY_LFGE 323628	7.10 0.14 -1.10	6.29 0.13 -1.01	6.44 0.13 -0.85	5.99 0.08 -0.83	6.03 0.09 -0.85	6.97 0.13 -0.87	8.73 0.18 -1.18	8.24 0.11 -1.51	8.97 0.09 -1.09	9.57 0.11 -0.76	9.57 0.08 -0.81	9.40 0.09 -0.80	9.53 0.08 -0.80	9.21 0.07 -0.98	8.79 0.07 -1.07	9.15 0.11 -1.22	10.61 0.15 -1.50	12.12 0.19 -2.18	12.98 0.22 -2.15	20.22 0.53 -1.37	20.46 0.54 -1.27	11.22 0.21 -1.55	11.51 0.25 -0.88	8.37 0.19 -0.96
MALONE___115KV_TB1 356076	5.81 -0.05 0.00	5.11 -0.04 0.00	5.41 -0.05 0.00	5.07 -0.01 0.00	5.08 -0.01 0.00	5.96 -0.01 0.00	7.45 0.07 0.00	6.74 0.11 0.00	7.92 0.13 0.00	8.81 0.12 0.00	8.80 0.11 0.00	8.59 0.09 0.00	8.80 0.15 0.00	8.26 0.10 0.00	7.71 0.05 0.00	7.86 0.04 0.00	9.01 0.05 0.00	9.91 0.17 0.00	10.82 0.21 0.00	18.58 0.26 0.00	18.93 0.28 0.00	9.58 0.12 0.00	10.43 0.05 0.00	7.23 0.01 0.00
MAPLEWOD_115KV_TB3 80458	25.59 0.26 -19.46	23.31 0.23 -17.93	20.75 0.25 -15.04	20.01 0.23 -14.70	20.45 0.23 -15.13	21.67 0.27 -15.43	28.54 0.34 -20.82	33.57 0.29 -26.64	27.38 0.34 -19.25	22.62 0.38 -13.55	23.38 0.37 -14.32	23.18 0.37 -14.29	23.28 0.36 -14.27	25.71 0.35 -17.20	26.64 0.34 -18.65	29.32 0.35 -21.15	35.09 0.42 -25.72	47.08 0.47 -36.86	47.93 0.50 -36.82	43.01 0.90 -23.80	42.10 0.90 -22.56	37.49 0.45 -27.58	26.55 0.51 -15.66	24.69 0.35 -17.13
MAPLE_RIDGE_WT_1 323574	5.69 -0.16 0.00	5.01 -0.14 0.00	5.32 -0.14 0.00	4.97 -0.11 0.00	4.98 -0.10 0.00	5.85 -0.11 0.00	7.26 -0.12 0.00	6.54 -0.09 0.00	7.69 -0.10 0.00	8.58 -0.11 0.00	8.57 -0.11 0.00	8.39 -0.12 0.00	8.54 -0.11 0.00	8.05 -0.11 0.00	7.55 -0.11 0.00	7.71 -0.11 0.00	8.83 -0.13 0.00	9.62 -0.13 0.00	10.47 -0.14 0.00	18.04 -0.27 0.00	18.35 -0.30 0.00	9.30 -0.16 0.00	10.20 -0.18 0.00	7.09 -0.12 0.00

MAPLE_RIDGE_WT_2 323611	5.69 -0.16 0.00	5.01 -0.14 0.00	5.32 -0.14 0.00	4.97 -0.11 0.00	4.98 -0.10 0.00	5.85 -0.11 0.00	7.26 -0.12 0.00	6.54 -0.09 0.00	7.69 -0.10 0.00	8.58 -0.11 0.00	8.57 -0.11 0.00	8.39 -0.12 0.00	8.54 -0.11 0.00	8.05 -0.11 0.00	7.55 -0.11 0.00	7.71 -0.11 0.00	8.83 -0.13 0.00	9.62 -0.13 0.00	10.47 -0.14 0.00	18.04 -0.27 0.00	18.35 -0.30 0.00	9.30 -0.16 0.00	10.20 -0.18 0.00	7.09 -0.12 0.00
MARBLE_RIVER_WT_PWR 323696	5.80 -0.06 0.00	5.09 -0.05 0.00	5.40 -0.06 0.00	5.06 -0.02 0.00	5.07 -0.02 0.00	5.94 -0.02 0.00	7.41 0.03 0.00	6.72 0.09 0.00	7.91 0.12 0.00	8.79 0.10 0.00	8.82 0.13 0.00	8.60 0.09 0.00	8.80 0.15 0.00	8.26 0.11 0.00	7.74 0.08 0.00	7.89 0.07 0.00	9.04 0.08 0.00	9.92 0.18 0.00	10.83 0.22 0.00	18.58 0.26 0.00	18.93 0.28 0.00	9.56 0.10 0.00	10.40 0.02 0.00	7.21 0.00 0.00
MARSHVLE_115KV_TB1 80742	30.17 0.35 -23.96	27.53 0.31 -22.08	24.30 0.33 -18.51	23.46 0.28 -18.09	24.01 0.30 -18.63	25.34 0.38 -19.00	33.51 0.51 -25.63	39.88 0.45 -32.80	32.05 0.50 -23.76	25.85 0.48 -16.68	26.78 0.47 -17.63	26.56 0.45 -17.60	26.67 0.45 -17.57	29.87 0.42 -21.29	31.23 0.41 -23.16	34.68 0.45 -26.41	41.82 0.56 -32.30	57.02 0.65 -46.62	57.61 0.76 -46.24	49.43 1.48 -29.63	47.89 1.47 -27.77	44.10 0.69 -33.95	30.37 0.72 -19.28	28.79 0.48 -21.09
MARSH_HILL_WT_PWR 323713	9.53 0.39 -3.28	8.51 0.34 -3.02	8.39 0.39 -2.53	7.85 0.29 -2.48	7.95 0.32 -2.55	8.99 0.42 -2.60	11.45 0.56 -3.51	11.50 0.38 -4.49	11.80 0.46 -3.55	11.66 0.48 -2.49	11.74 0.43 -2.63	11.55 0.42 -2.62	11.62 0.35 -2.62	11.72 0.38 -3.19	11.51 0.38 -3.48	12.18 0.38 -3.97	14.31 0.47 -4.88	17.34 0.51 -7.09	18.23 0.64 -6.99	23.96 1.19 -4.45	24.05 1.27 -4.13	15.11 0.60 -5.06	13.97 0.72 -2.87	10.94 0.58 -3.14
MCINTYRE_115KV_TB2 80467	5.78 -0.08 0.00	5.09 -0.06 0.00	5.38 -0.08 0.00	5.02 -0.06 0.00	5.03 -0.06 0.00	5.91 -0.06 0.00	7.35 -0.03 0.00	6.62 -0.01 0.00	7.74 -0.05 0.00	8.64 -0.05 0.00	8.58 -0.10 0.00	8.39 -0.12 0.00	8.59 -0.06 0.00	8.04 -0.11 0.00	7.49 -0.17 0.00	7.66 -0.16 0.00	8.79 -0.17 0.00	9.65 -0.10 0.00	10.51 -0.10 0.00	18.19 -0.13 0.00	18.55 -0.09 0.00	9.41 -0.05 0.00	10.29 -0.09 0.00	7.12 -0.09 0.00
MECO____69_KV_BK1 80468	29.12 0.50 -22.77	26.55 0.43 -20.98	23.51 0.46 -17.59	22.68 0.41 -17.19	23.20 0.42 -17.70	24.55 0.54 -18.05	32.47 0.74 -24.35	38.35 0.56 -31.17	30.99 0.63 -22.57	25.19 0.65 -15.85	26.00 0.56 -16.75	25.76 0.53 -16.72	25.87 0.53 -16.70	28.87 0.50 -20.22	30.13 0.49 -21.98	33.42 0.55 -25.05	40.23 0.66 -30.61	54.70 0.82 -44.14	55.36 0.93 -43.82	48.22 1.80 -28.11	46.82 1.79 -26.38	42.55 0.83 -32.26	29.76 1.06 -18.32	27.96 0.70 -20.04
MENANDS__115KV_TB5 355628	25.33 0.23 -19.23	23.08 0.21 -17.72	20.55 0.23 -14.86	19.81 0.20 -14.52	20.24 0.20 -14.95	21.46 0.24 -15.25	28.25 0.30 -20.57	33.20 0.25 -26.33	27.11 0.30 -19.01	22.42 0.34 -13.39	23.17 0.34 -14.15	22.96 0.33 -14.12	23.07 0.32 -14.10	25.46 0.31 -16.99	26.36 0.29 -18.41	29.00 0.31 -20.87	34.68 0.36 -25.36	46.47 0.39 -36.34	47.34 0.41 -36.32	42.53 0.71 -23.49	41.66 0.73 -22.29	37.09 0.38 -27.25	26.28 0.43 -15.47	24.44 0.30 -16.93
MG INDUSTRY__DRP 24185	25.03 0.24 -18.93	22.80 0.21 -17.45	20.32 0.23 -14.63	19.59 0.21 -14.30	20.01 0.21 -14.72	21.23 0.25 -15.01	27.94 0.31 -20.25	32.81 0.26 -25.92	26.85 0.30 -18.76	22.20 0.33 -13.18	22.94 0.32 -13.93	22.73 0.31 -13.90	22.84 0.31 -13.88	25.26 0.30 -16.80	26.21 0.29 -18.26	28.93 0.31 -20.80	34.71 0.35 -25.41	46.73 0.37 -36.61	47.38 0.40 -36.37	42.38 0.71 -23.35	41.30 0.71 -21.94	36.65 0.37 -26.83	26.03 0.42 -15.23	24.17 0.29 -16.67
MID__OSWEGATCHIE_HYD 23849	6.33 -0.05 -0.52	5.58 -0.04 -0.48	5.81 -0.05 -0.40	5.42 -0.06 -0.39	5.44 -0.05 -0.41	6.33 -0.05 -0.41	7.92 -0.02 -0.56	7.34 -0.01 -0.72	8.26 -0.05 -0.52	8.96 -0.10 -0.36	8.95 -0.12 -0.39	8.77 -0.13 -0.38	8.92 -0.11 -0.38	8.47 -0.16 -0.47	7.96 -0.21 -0.51	8.22 -0.19 -0.58	9.49 -0.19 -0.72	10.64 -0.15 -1.04	11.51 -0.13 -1.03	18.84 -0.13 -0.65	19.18 -0.07 -0.61	10.16 -0.04 -0.74	10.75 -0.05 -0.42	7.63 -0.04 -0.46
MID__RAQUETTE_HYD 23851	5.72 -0.13 0.00	5.04 -0.11 0.00	5.33 -0.13 0.00	4.98 -0.10 0.00	4.99 -0.10 0.00	5.85 -0.12 0.00	7.28 -0.10 0.00	6.56 -0.07 0.00	7.69 -0.10 0.00	8.57 -0.12 0.00	8.53 -0.16 0.00	8.34 -0.17 0.00	8.53 -0.12 0.00	7.97 -0.19 0.00	7.38 -0.28 0.00	7.55 -0.27 0.00	8.65 -0.30 0.00	9.47 -0.27 0.00	10.32 -0.29 0.00	17.81 -0.51 0.00	18.22 -0.43 0.00	9.30 -0.16 0.00	10.19 -0.19 0.00	7.07 -0.14 0.00
MILLIKEN__1 23584	9.39 0.16 -3.37	8.39 0.14 -3.11	8.23 0.16 -2.60	7.73 0.10 -2.54	7.82 0.11 -2.62	8.79 0.16 -2.67	11.20 0.21 -3.60	11.38 0.14 -4.61	11.32 0.12 -3.41	11.21 0.13 -2.39	11.31 0.10 -2.53	11.11 0.09 -2.52	11.23 0.06 -2.52	11.30 0.07 -3.06	11.09 0.08 -3.34	11.75 0.10 -3.83	13.78 0.13 -4.70	16.72 0.16 -6.82	17.52 0.19 -6.73	23.02 0.42 -4.28	23.07 0.45 -3.98	14.52 0.20 -4.86	13.38 0.24 -2.76	10.44 0.21 -3.02
MILLIKEN__2 23585	9.39 0.16 -3.37	8.39 0.14 -3.11	8.23 0.16 -2.60	7.73 0.10 -2.54	7.82 0.11 -2.62	8.79 0.16 -2.67	11.20 0.21 -3.60	11.38 0.14 -4.61	11.32 0.12 -3.41	11.21 0.13 -2.39	11.31 0.10 -2.53	11.11 0.09 -2.52	11.23 0.06 -2.52	11.30 0.07 -3.06	11.09 0.08 -3.34	11.75 0.10 -3.83	13.78 0.13 -4.70	16.72 0.16 -6.82	17.52 0.19 -6.73	23.02 0.42 -4.28	23.07 0.45 -3.98	14.52 0.20 -4.86	13.38 0.24 -2.76	10.44 0.21 -3.02
MILLIKEN__DIESEL 23629	9.39 0.16 -3.37	8.39 0.14 -3.11	8.23 0.16 -2.60	7.73 0.10 -2.54	7.82 0.11 -2.62	8.79 0.16 -2.67	11.20 0.21 -3.60	11.38 0.14 -4.61	11.32 0.12 -3.41	11.21 0.13 -2.39	11.31 0.10 -2.53	11.11 0.09 -2.52	11.23 0.06 -2.52	11.30 0.07 -3.06	11.09 0.08 -3.34	11.75 0.10 -3.83	13.78 0.13 -4.70	16.72 0.16 -6.82	17.52 0.19 -6.73	23.02 0.42 -4.28	23.07 0.45 -3.98	14.52 0.20 -4.86	13.38 0.24 -2.76	10.44 0.21 -3.02
MILLSEAT__LFGE 323607	8.50 -0.02 -2.66	7.58 -0.02 -2.45	7.55 0.03 -2.05	7.08 -0.01 -2.01	7.16 0.01 -2.07	8.06 -0.01 -2.11	10.13 -0.10 -2.84	10.02 -0.25 -3.64	10.10 -0.33 -2.64	10.14 -0.41 -1.85	10.24 -0.41 -1.96	10.10 -0.36 -1.95	10.15 -0.45 -1.95	10.16 -0.38 -2.37	9.90 -0.34 -2.59	10.39 -0.40 -2.97	12.17 -0.44 -3.65	14.46 -0.58 -5.30	15.21 -0.62 -5.22	20.51 -1.14 -3.32	20.52 -1.21 -3.09	12.76 -0.46 -3.77	12.15 -0.37 -2.14	9.53 -0.03 -2.34
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.64 0.33 -15.45	19.66 0.29 -14.23	17.70 0.30 -11.93	17.02 0.27 -11.66	17.38 0.28 -12.01	18.54 0.32 -12.25	24.31 0.41 -16.52	28.15 0.38 -21.15	23.72 0.48 -15.44	20.00 0.56 -10.76	20.60 0.55 -11.36	20.40 0.54 -11.35	20.55 0.57 -11.33	22.66 0.55 -13.95	23.50 0.51 -15.34	26.11 0.50 -17.79	31.63 0.56 -22.12	42.89 0.61 -32.53	42.91 0.67 -31.63	39.22 1.14 -19.77	37.69 1.14 -17.90	31.92 0.57 -21.89	23.41 0.60 -12.43	21.23 0.41 -13.60

MILLWOOD_13_KV_LOAD 356217	21.65 0.35 -15.45	19.67 0.29 -14.23	17.70 0.31 -11.93	17.03 0.28 -11.66	17.38 0.28 -12.01	18.54 0.33 -12.25	24.31 0.41 -16.52	28.16 0.38 -21.15	23.72 0.48 -15.44	20.00 0.56 -10.76	20.61 0.56 -11.36	20.40 0.54 -11.35	20.56 0.58 -11.33	22.66 0.55 -13.95	23.51 0.51 -15.34	26.12 0.52 -17.79	31.66 0.58 -22.12	42.92 0.64 -32.53	42.94 0.70 -31.63	39.26 1.17 -19.77	37.73 1.17 -17.90	31.94 0.59 -21.89	23.43 0.62 -12.43	21.23 0.41 -13.60
MODEL_CITY_ENERGY 24167	8.43 -0.12 -2.69	7.53 -0.09 -2.48	7.48 -0.06 -2.08	7.03 -0.08 -2.03	7.11 -0.07 -2.09	7.98 -0.12 -2.14	10.02 -0.24 -2.88	9.92 -0.39 -3.68	9.99 -0.48 -2.68	10.00 -0.56 -1.88	10.11 -0.56 -1.98	9.99 -0.50 -1.98	10.04 -0.59 -1.98	10.06 -0.51 -2.41	9.81 -0.47 -2.63	10.30 -0.53 -3.01	12.06 -0.60 -3.70	14.34 -0.77 -5.37	15.07 -0.83 -5.30	20.15 -1.54 -3.37	20.17 -1.60 -3.13	12.62 -0.66 -3.82	11.97 -0.58 -2.17	9.42 -0.17 -2.37
MODERN_LFGE_ 323580	8.43 -0.12 -2.69	7.53 -0.09 -2.48	7.48 -0.06 -2.08	7.03 -0.08 -2.03	7.11 -0.07 -2.09	7.98 -0.12 -2.14	10.02 -0.24 -2.88	9.92 -0.39 -3.68	9.99 -0.48 -2.68	10.00 -0.56 -1.88	10.11 -0.56 -1.98	9.99 -0.50 -1.98	10.04 -0.59 -1.98	10.06 -0.51 -2.41	9.81 -0.47 -2.63	10.30 -0.53 -3.01	12.06 -0.60 -3.70	14.34 -0.77 -5.37	15.07 -0.83 -5.30	20.15 -1.54 -3.37	20.17 -1.60 -3.13	12.62 -0.66 -3.82	11.97 -0.58 -2.17	9.42 -0.17 -2.37
MOHAWK_PAPER___DRP 24187	25.59 0.26 -19.46	23.31 0.23 -17.93	20.75 0.25 -15.04	20.01 0.23 -14.70	20.45 0.23 -15.13	21.67 0.27 -15.43	28.54 0.34 -20.82	33.57 0.29 -26.64	27.38 0.34 -19.25	22.62 0.38 -13.55	23.38 0.37 -14.32	23.18 0.37 -14.29	23.28 0.36 -14.27	25.71 0.35 -17.20	26.64 0.34 -18.65	29.32 0.35 -21.15	35.09 0.42 -25.72	47.08 0.47 -36.86	47.93 0.50 -36.82	43.01 0.90 -23.80	42.10 0.90 -22.56	37.49 0.45 -27.58	26.55 0.51 -15.66	24.69 0.35 -17.13
MOHICAN__35_KV_115KV_LD 80490	26.23 0.33 -20.04	23.89 0.29 -18.46	21.29 0.34 -15.48	20.52 0.31 -15.13	20.98 0.32 -15.58	22.25 0.39 -15.89	29.34 0.53 -21.43	34.53 0.47 -27.43	28.16 0.55 -19.82	23.21 0.56 -13.95	23.97 0.55 -14.74	23.78 0.55 -14.72	23.83 0.49 -14.69	26.35 0.47 -17.72	27.32 0.44 -19.22	30.07 0.44 -21.81	36.02 0.52 -26.54	48.42 0.59 -38.08	49.26 0.65 -38.00	44.06 1.21 -24.53	43.08 1.21 -23.22	38.44 0.60 -28.39	27.19 0.70 -16.12	25.31 0.45 -17.64
MONGAUP___HYD 23641	20.30 0.30 -14.14	18.43 0.26 -13.03	16.65 0.26 -10.93	16.00 0.24 -10.68	16.33 0.25 -10.99	17.46 0.28 -11.21	22.85 0.35 -15.13	26.29 0.30 -19.36	22.28 0.36 -14.13	18.95 0.41 -9.85	19.49 0.40 -10.40	19.31 0.42 -10.39	19.44 0.42 -10.37	21.32 0.40 -12.76	22.04 0.36 -14.02	24.44 0.37 -16.25	29.58 0.43 -20.19	39.87 0.45 -29.67	39.95 0.47 -28.88	37.05 0.66 -18.07	35.73 0.69 -16.39	29.93 0.43 -20.04	22.31 0.55 -11.38	20.03 0.36 -12.45
MONTAUK___DIESEL 23721	22.85 0.67 -16.32	20.04 0.58 -14.32	18.09 0.62 -12.01	17.39 0.57 -11.74	17.77 0.61 -12.08	22.46 0.64 -15.85	27.37 0.77 -19.23	30.18 0.75 -22.80	31.00 0.97 -22.24	30.22 1.03 -20.50	30.48 0.93 -20.86	31.96 0.90 -22.55	32.42 0.94 -22.83	32.19 0.86 -23.18	34.23 0.81 -25.76	44.81 0.83 -36.16	45.76 1.00 -35.80	57.06 1.13 -46.19	50.85 1.22 -39.02	43.71 2.05 -23.34	40.54 2.07 -19.83	38.03 1.04 -27.54	32.44 0.99 -21.08	29.88 0.69 -21.97
MOONROAD_115KV_HARTFLD_TB1-2 355988	9.07 0.12 -3.09	8.12 0.13 -2.85	8.02 0.17 -2.39	7.54 0.13 -2.33	7.64 0.15 -2.40	8.59 0.18 -2.45	10.85 0.17 -3.30	10.86 0.00 -4.23	10.89 -0.01 -3.11	10.85 -0.02 -2.18	11.00 0.01 -2.30	10.83 0.03 -2.30	10.90 -0.04 -2.30	10.95 0.00 -2.80	10.70 -0.01 -3.05	11.25 -0.06 -3.50	13.19 -0.06 -4.30	15.78 -0.19 -6.23	16.59 -0.16 -6.15	21.86 -0.37 -3.91	21.81 -0.47 -3.63	13.76 -0.14 -4.44	12.84 -0.06 -2.52	10.11 0.14 -2.76
MORTIMER_115KV_TB3 55949	8.07 0.02 -2.20	7.17 0.01 -2.02	7.20 0.04 -1.70	6.74 0.00 -1.66	6.81 0.02 -1.71	7.73 0.02 -1.74	9.74 0.01 -2.35	9.57 -0.07 -3.01	9.82 -0.12 -2.15	10.04 -0.16 -1.51	10.16 -0.12 -1.59	9.99 -0.11 -1.59	10.07 -0.16 -1.59	9.96 -0.13 -1.93	9.64 -0.12 -2.11	10.09 -0.14 -2.41	11.76 -0.16 -2.97	13.81 -0.24 -4.31	14.59 -0.27 -4.25	20.54 -0.48 -2.70	20.67 -0.48 -2.51	12.35 -0.17 -3.07	11.99 -0.13 -1.74	9.17 0.05 -1.91
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.78 0.38 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.33 0.43 -21.27	23.88 0.56 -15.53	20.15 0.64 -10.82	20.75 0.63 -11.43	20.55 0.63 -11.41	20.71 0.67 -11.40	22.82 0.63 -14.03	23.66 0.57 -15.43	26.28 0.56 -17.89	31.84 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.57 0.69 -12.50	21.36 0.47 -13.67
MUNSVILLE_WIND_PWR 323609	11.23 0.47 -4.90	10.10 0.44 -4.51	9.70 0.45 -3.79	9.09 0.31 -3.70	9.24 0.34 -3.81	10.31 0.46 -3.88	13.23 0.61 -5.24	13.78 0.44 -6.71	13.13 0.40 -4.93	12.61 0.46 -3.46	12.72 0.38 -3.65	12.52 0.37 -3.65	12.63 0.34 -3.64	12.87 0.29 -4.43	12.77 0.28 -4.83	13.74 0.38 -5.53	16.26 0.50 -6.80	20.25 0.64 -9.87	21.11 0.77 -9.73	26.25 1.74 -6.19	26.15 1.75 -5.75	17.21 0.72 -7.03	15.13 0.76 -3.99	12.15 0.56 -4.37
N SALMON___HYD 24042	5.81 -0.05 0.00	5.11 -0.04 0.00	5.41 -0.05 0.00	5.07 -0.01 0.00	5.08 -0.01 0.00	5.96 -0.01 0.00	7.44 0.07 0.00	6.74 0.11 0.00	7.92 0.13 0.00	8.81 0.12 0.00	8.83 0.14 0.00	8.59 0.09 0.00	8.81 0.16 0.00	8.26 0.10 0.00	7.71 0.05 0.00	7.86 0.04 0.00	9.01 0.05 0.00	9.91 0.17 0.00	10.82 0.21 0.00	18.58 0.26 0.00	18.93 0.28 0.00	9.58 0.12 0.00	10.43 0.05 0.00	7.23 0.01 0.00
N.AKRON__115KV_KNAPP 355671	8.50 -0.02 -2.66	7.58 -0.01 -2.45	7.55 0.03 -2.05	7.08 -0.01 -2.01	7.17 0.02 -2.06	8.07 -0.01 -2.11	10.13 -0.09 -2.84	10.01 -0.25 -3.63	10.10 -0.33 -2.64	10.15 -0.39 -1.85	10.28 -0.36 -1.95	10.12 -0.34 -1.95	10.17 -0.42 -1.95	10.17 -0.36 -2.37	9.91 -0.34 -2.59	10.40 -0.38 -2.97	12.17 -0.43 -3.65	14.46 -0.57 -5.29	15.21 -0.62 -5.22	20.50 -1.14 -3.32	20.56 -1.17 -3.08	12.77 -0.45 -3.77	12.15 -0.36 -2.14	9.53 -0.02 -2.34
N.BELMOR_69_KV_BK1 55787	22.67 0.49 -16.32	19.88 0.41 -14.32	17.90 0.43 -12.01	17.21 0.39 -11.74	17.58 0.41 -12.08	22.27 0.46 -15.85	27.18 0.57 -19.23	29.97 0.54 -22.80	30.71 0.68 -22.24	29.94 0.75 -20.50	30.30 0.75 -20.86	31.79 0.73 -22.55	32.24 0.76 -22.83	32.06 0.72 -23.18	34.07 0.66 -25.76	44.64 0.66 -36.16	45.49 0.73 -35.80	56.73 0.80 -46.19	50.50 0.87 -39.02	43.16 1.50 -23.34	39.98 1.51 -19.83	37.78 0.78 -27.54	32.30 0.84 -21.08	29.76 0.57 -21.97
N.E._GEN_SANDY PD 24062	23.73 0.25 -17.62	21.60 0.22 -16.24	19.31 0.23 -13.62	18.60 0.21 -13.31	19.00 0.21 -13.70	20.19 0.25 -13.97	26.52 0.30 -18.85	31.00 0.25 -24.12	25.00 0.31 -16.90	21.32 0.36 -12.27	22.00 0.35 -12.96	21.79 0.34 -12.94	21.92 0.35 -12.93	23.10 0.33 -14.61	23.10 0.31 -15.13	24.00 0.30 -15.87	27.00 0.35 -17.70	32.80 0.38 -22.68	36.50 0.42 -25.47	37.70 0.71 -18.67	39.80 0.73 -20.43	34.80 0.37 -24.97	24.97 0.42 -14.18	23.01 0.28 -15.52

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.15 0.33 -14.96	19.22 0.29 -13.79	17.32 0.30 -11.56	16.65 0.27 -11.30	17.00 0.28 -11.63	18.15 0.32 -11.86	23.79 0.41 -16.00	27.48 0.37 -20.48	23.22 0.48 -14.95	19.67 0.56 -10.42	20.23 0.54 -11.01	20.03 0.54 -10.99	20.19 0.57 -10.97	22.21 0.55 -13.51	23.01 0.51 -14.85	25.54 0.50 -17.21	30.92 0.56 -21.40	41.83 0.62 -31.46	41.89 0.68 -30.61	38.61 1.15 -19.13	37.15 1.16 -17.34	31.23 0.57 -21.20	23.03 0.61 -12.04	20.80 0.41 -13.17
N.QUEENS_27_KV_LOAD 356247	21.85 0.45 -15.54	19.89 0.43 -14.32	17.93 0.46 -12.00	17.25 0.43 -11.73	17.60 0.44 -12.08	18.67 0.38 -12.32	24.34 0.35 -16.62	28.16 0.27 -21.27	23.69 0.37 -15.53	19.95 0.43 -10.82	20.54 0.42 -11.43	20.34 0.42 -11.41	20.49 0.45 -11.40	22.62 0.42 -14.03	23.48 0.39 -15.43	26.09 0.38 -17.89	31.61 0.40 -22.25	42.92 0.45 -32.73	42.92 0.49 -31.82	39.01 0.81 -19.88	37.48 0.82 -18.01	31.88 0.41 -22.02	23.48 0.60 -12.50	21.41 0.51 -13.69
N.TROY___115KV_TB1 355778	25.67 0.25 -19.56	23.38 0.22 -18.02	20.81 0.23 -15.11	20.07 0.21 -14.77	20.51 0.21 -15.21	21.73 0.26 -15.51	28.63 0.32 -20.92	33.67 0.27 -26.78	27.43 0.32 -19.32	22.66 0.35 -13.62	23.42 0.35 -14.39	23.21 0.34 -14.37	23.32 0.33 -14.34	25.72 0.31 -17.25	26.63 0.30 -18.67	29.24 0.31 -21.12	34.92 0.36 -25.61	46.74 0.40 -36.60	47.72 0.43 -36.68	42.88 0.77 -23.79	42.08 0.76 -22.67	37.57 0.40 -27.72	26.56 0.45 -15.74	24.74 0.30 -17.22
NARROWS_GT1_1 24228	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT1_2 24229	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT1_3 24230	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT1_4 24231	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT1_5 24232	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT1_6 24233	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT1_7 24234	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT1_8 24235	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT2_1 24236	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT2_2 24237	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT2_3 24238	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT2_4 24239	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69

NARROWS_GT2_5 24240	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT2_6 24241	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT2_7 24242	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NARROWS_GT2_8 24243	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.27 0.28 -18.13	22.09 0.25 -16.70	19.73 0.26 -14.00	19.01 0.24 -13.69	19.42 0.24 -14.09	20.64 0.30 -14.37	27.16 0.39 -19.39	31.78 0.34 -24.81	26.14 0.37 -17.97	21.67 0.37 -12.62	22.37 0.36 -13.33	22.16 0.34 -13.31	22.27 0.33 -13.29	24.61 0.33 -16.11	25.53 0.33 -17.54	28.18 0.34 -20.02	33.90 0.44 -24.51	45.65 0.51 -35.40	46.26 0.57 -35.08	41.79 1.03 -22.45	40.70 1.04 -21.01	35.63 0.48 -25.69	25.50 0.54 -14.58	23.53 0.35 -15.96
NCHELSEA_115KV_TR2 355582	21.69 0.34 -15.49	19.71 0.29 -14.27	17.74 0.31 -11.97	17.06 0.28 -11.69	17.41 0.28 -12.04	18.57 0.33 -12.28	24.35 0.41 -16.56	28.22 0.38 -21.22	23.73 0.47 -15.48	20.02 0.54 -10.79	20.62 0.53 -11.40	20.42 0.53 -11.38	20.57 0.55 -11.37	22.66 0.53 -13.97	23.49 0.50 -15.33	26.06 0.49 -17.74	31.53 0.56 -22.00	42.66 0.63 -32.29	42.78 0.70 -31.47	39.22 1.17 -19.73	37.81 1.21 -17.95	31.98 0.58 -21.95	23.46 0.62 -12.46	21.26 0.41 -13.64
NEG CAPITAL___MECHNVIL 23645	26.04 0.30 -19.87	23.72 0.27 -18.31	21.11 0.29 -15.35	20.36 0.27 -15.01	20.80 0.27 -15.45	22.06 0.33 -15.76	29.07 0.44 -21.26	34.21 0.37 -27.20	27.87 0.44 -19.65	22.99 0.46 -13.83	23.76 0.45 -14.62	23.55 0.45 -14.59	23.65 0.43 -14.57	26.13 0.42 -17.56	27.08 0.40 -19.02	29.79 0.41 -21.56	35.65 0.48 -26.21	47.83 0.55 -37.54	48.73 0.59 -37.53	43.65 1.06 -24.27	42.76 1.08 -23.03	38.14 0.53 -28.16	26.97 0.60 -15.99	25.11 0.40 -17.49
NEG CENTRAL_HIGH_ACRES 23767	7.95 -0.06 -2.15	7.06 -0.07 -1.98	7.08 -0.05 -1.66	6.63 -0.08 -1.63	6.69 -0.07 -1.67	7.61 -0.07 -1.71	9.59 -0.09 -2.30	9.44 -0.14 -2.95	9.66 -0.21 -2.08	9.90 -0.24 -1.45	9.99 -0.23 -1.54	9.83 -0.21 -1.53	9.92 -0.26 -1.53	9.80 -0.22 -1.86	9.50 -0.19 -2.03	9.94 -0.21 -2.33	11.58 -0.24 -2.86	13.59 -0.31 -4.16	14.35 -0.35 -4.10	20.32 -0.60 -2.61	20.45 -0.61 -2.42	12.15 -0.26 -2.96	11.81 -0.25 -1.68	9.00 -0.06 -1.84
NEG CENTRAL___DRP 24199	8.26 0.09 -2.31	7.34 0.07 -2.13	7.34 0.09 -1.79	6.86 0.04 -1.75	6.94 0.05 -1.80	7.88 0.08 -1.83	9.98 0.13 -2.47	9.85 0.05 -3.17	9.72 -0.07 -2.00	10.01 -0.09 -1.40	10.09 -0.08 -1.48	9.91 -0.08 -1.48	10.01 -0.11 -1.48	9.87 -0.08 -1.80	9.55 -0.07 -1.96	10.00 -0.07 -2.25	11.64 -0.08 -2.76	13.64 -0.11 -4.00	14.44 -0.12 -3.95	20.65 -0.18 -2.51	20.83 -0.15 -2.33	12.23 -0.08 -2.85	11.94 -0.06 -1.62	9.01 0.02 -1.77
NEG CENTRAL___INDECK 23768	8.99 0.37 -2.76	8.00 0.31 -2.55	7.97 0.37 -2.14	7.44 0.27 -2.09	7.53 0.29 -2.15	8.55 0.39 -2.19	10.85 0.52 -2.96	10.77 0.36 -3.78	11.09 0.34 -2.95	11.02 0.26 -2.07	11.13 0.26 -2.19	10.95 0.26 -2.18	11.03 0.21 -2.18	11.04 0.23 -2.65	10.78 0.23 -2.89	11.37 0.24 -3.31	13.34 0.31 -4.07	15.98 0.33 -5.90	16.89 0.47 -5.82	22.96 0.93 -3.70	23.09 1.01 -3.44	14.19 0.52 -4.21	13.36 0.59 -2.39	10.36 0.53 -2.62
NEG CENTRAL___SENECA 23627	8.51 0.14 -2.51	7.58 0.12 -2.32	7.55 0.14 -1.94	7.06 0.08 -1.90	7.14 0.10 -1.95	8.11 0.15 -1.99	10.27 0.21 -2.69	10.16 0.09 -3.44	9.72 -0.09 -2.02	10.00 -0.10 -1.41	10.08 -0.10 -1.49	9.90 -0.09 -1.49	10.01 -0.13 -1.49	9.87 -0.10 -1.81	9.55 -0.08 -1.97	9.99 -0.09 -2.26	11.63 -0.11 -2.78	13.63 -0.15 -4.03	14.43 -0.16 -3.98	20.59 -0.26 -2.53	20.78 -0.22 -2.35	12.23 -0.10 -2.87	11.93 -0.08 -1.63	9.03 0.03 -1.79
NEG CENTRAL___STATE_STREET 24147	8.21 0.07 -2.28	7.30 0.05 -2.10	7.29 0.07 -1.76	6.82 0.02 -1.72	6.89 0.03 -1.77	7.83 0.06 -1.81	9.91 0.10 -2.44	9.86 0.11 -3.12	10.04 0.05 -2.19	10.23 0.01 -1.53	10.39 0.08 -1.62	10.20 0.08 -1.62	10.31 0.04 -1.62	10.19 0.07 -1.97	9.87 0.07 -2.15	10.36 0.08 -2.46	12.07 0.09 -3.02	14.20 0.08 -4.38	15.01 0.08 -4.32	21.25 0.18 -2.75	21.44 0.24 -2.55	12.67 0.09 -3.12	12.20 0.05 -1.77	9.23 0.08 -1.94
NEG MILLWOOD___DRP 24198	21.88 0.35 -15.67	19.88 0.30 -14.44	17.88 0.31 -12.11	17.20 0.28 -11.83	17.56 0.30 -12.18	18.72 0.33 -12.43	24.57 0.43 -16.76	28.49 0.39 -21.47	23.94 0.48 -15.66	20.16 0.55 -10.92	20.77 0.55 -11.54	20.56 0.54 -11.52	20.72 0.57 -11.50	22.85 0.55 -14.14	23.71 0.51 -15.53	26.34 0.53 -17.99	31.90 0.61 -22.33	43.22 0.68 -32.80	43.30 0.75 -31.94	39.56 1.25 -20.00	38.08 1.27 -18.17	32.28 0.61 -22.21	23.62 0.63 -12.61	21.43 0.42 -13.80
NEG NORTH_FLCN_SEA 23793	5.85 -0.01 0.00	5.14 -0.01 0.00	5.45 -0.01 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.00 0.04 0.00	7.49 0.11 0.00	6.80 0.17 0.00	8.02 0.23 0.00	8.89 0.20 0.00	8.90 0.22 0.00	8.70 0.20 0.00	8.91 0.26 0.00	8.37 0.21 0.00	7.84 0.18 0.00	7.99 0.16 0.00	9.14 0.19 0.00	10.07 0.32 0.00	10.99 0.38 0.00	18.85 0.53 0.00	19.19 0.54 0.00	9.69 0.24 0.00	10.52 0.15 0.00	7.30 0.09 0.00
NEG NORTH_KES_CHATEGAY 23792	5.79 -0.06 0.00	5.09 -0.05 0.00	5.40 -0.07 0.00	5.06 -0.02 0.00	5.07 -0.02 0.00	5.93 -0.03 0.00	7.40 0.02 0.00	6.71 0.08 0.00	7.90 0.11 0.00	8.78 0.09 0.00	8.77 0.09 0.00	8.58 0.07 0.00	8.77 0.12 0.00	8.25 0.09 0.00	7.72 0.06 0.00	7.88 0.05 0.00	9.02 0.06 0.00	9.92 0.18 0.00	10.83 0.22 0.00	18.59 0.27 0.00	18.93 0.28 0.00	9.57 0.11 0.00	10.40 0.02 0.00	7.21 0.00 0.00

NEG NORTH___ALICE_FALLS 23915	5.85 -0.01 0.00	5.14 -0.01 0.00	5.45 -0.01 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.00 0.04 0.00	7.50 0.13 0.00	6.80 0.17 0.00	8.01 0.22 0.00	8.89 0.20 0.00	8.89 0.20 0.00	8.69 0.18 0.00	8.90 0.25 0.00	8.36 0.20 0.00	7.83 0.17 0.00	7.98 0.16 0.00	9.14 0.19 0.00	10.08 0.33 0.00	11.01 0.40 0.00	18.87 0.55 0.00	19.21 0.56 0.00	9.69 0.24 0.00	10.52 0.15 0.00	7.30 0.09 0.00
NEG NORTH___LWR_SARANAC 23913	5.85 -0.01 0.00	5.14 -0.01 0.00	5.45 -0.01 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.00 0.04 0.00	7.50 0.13 0.00	6.80 0.17 0.00	8.01 0.22 0.00	8.89 0.20 0.00	8.89 0.20 0.00	8.69 0.18 0.00	8.90 0.25 0.00	8.36 0.20 0.00	7.83 0.17 0.00	7.98 0.16 0.00	9.14 0.19 0.00	10.08 0.33 0.00	11.01 0.40 0.00	18.87 0.55 0.00	19.21 0.56 0.00	9.69 0.24 0.00	10.52 0.15 0.00	7.30 0.09 0.00
NEG NORTH___PLATTSBURG 23628	5.85 -0.01 0.00	5.14 -0.01 0.00	5.45 -0.01 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.00 0.04 0.00	7.50 0.13 0.00	6.80 0.17 0.00	8.01 0.22 0.00	8.89 0.20 0.00	8.92 0.23 0.00	8.69 0.18 0.00	8.91 0.26 0.00	8.36 0.20 0.00	7.83 0.17 0.00	7.98 0.16 0.00	9.14 0.19 0.00	10.08 0.33 0.00	11.01 0.40 0.00	18.87 0.55 0.00	19.21 0.56 0.00	9.69 0.24 0.00	10.52 0.15 0.00	7.30 0.09 0.00
NEG WEST_LEA_LOCKPORT 23791	8.47 -0.06 -2.68	7.57 -0.05 -2.47	7.52 -0.01 -2.07	7.06 -0.04 -2.02	7.14 -0.03 -2.08	8.03 -0.06 -2.13	10.08 -0.16 -2.87	9.99 -0.31 -3.67	10.07 -0.39 -2.66	10.10 -0.46 -1.87	10.23 -0.43 -1.97	10.08 -0.40 -1.97	10.13 -0.48 -1.97	10.15 -0.41 -2.39	9.89 -0.38 -2.61	10.38 -0.44 -3.00	12.14 -0.50 -3.68	14.43 -0.65 -5.34	15.17 -0.70 -5.27	20.37 -1.30 -3.35	20.38 -1.38 -3.11	12.71 -0.55 -3.81	12.08 -0.46 -2.16	9.49 -0.09 -2.36
NEG WEST___LANCASTR 23811	8.81 -0.12 -3.07	7.89 -0.09 -2.83	7.77 -0.07 -2.37	7.30 -0.10 -2.32	7.39 -0.09 -2.39	8.29 -0.11 -2.44	10.47 -0.19 -3.29	10.52 -0.31 -4.20	10.49 -0.38 -3.08	10.42 -0.43 -2.16	10.57 -0.40 -2.28	10.41 -0.37 -2.28	10.48 -0.44 -2.28	10.55 -0.38 -2.77	10.33 -0.35 -3.02	10.89 -0.40 -3.46	12.77 -0.44 -4.26	15.34 -0.58 -6.18	16.10 -0.59 -6.09	21.10 -1.10 -3.88	21.05 -1.19 -3.60	13.36 -0.50 -4.40	12.41 -0.47 -2.50	9.81 -0.14 -2.73
NEG_PENN_ALLEGHNY 23528	11.16 0.12 -5.19	10.03 0.10 -4.78	9.59 0.11 -4.01	9.07 0.08 -3.92	9.20 0.09 -4.03	10.19 0.11 -4.11	13.07 0.14 -5.55	13.80 0.07 -7.10	13.06 0.06 -5.21	12.40 0.06 -3.65	12.61 0.06 -3.86	12.43 0.07 -3.85	12.54 0.04 -3.85	12.90 0.06 -4.68	12.83 0.07 -5.10	13.74 0.07 -5.85	16.22 0.08 -7.19	20.23 0.06 -10.43	20.96 0.07 -10.28	25.03 0.16 -6.54	24.87 0.15 -6.08	16.98 0.09 -7.43	14.72 0.12 -4.22	11.97 0.14 -4.62
NEG___GEN_MONROE 24207	8.11 0.06 -2.20	7.21 0.04 -2.02	7.24 0.08 -1.70	6.78 0.04 -1.66	6.86 0.06 -1.71	7.79 0.08 -1.74	9.81 0.08 -2.35	9.62 -0.01 -3.01	9.88 -0.06 -2.15	10.09 -0.10 -1.51	10.20 -0.08 -1.59	10.00 -0.09 -1.59	10.08 -0.16 -1.59	9.98 -0.11 -1.93	9.65 -0.11 -2.11	10.09 -0.14 -2.41	11.77 -0.15 -2.97	13.81 -0.24 -4.31	14.60 -0.25 -4.25	20.58 -0.44 -2.70	20.73 -0.43 -2.51	12.40 -0.12 -3.07	12.06 -0.06 -1.74	9.24 0.12 -1.91
NEPA___ENERGY 23901	9.05 0.08 -3.11	8.09 0.08 -2.87	7.98 0.11 -2.40	7.50 0.07 -2.35	7.59 0.09 -2.42	8.52 0.09 -2.47	10.77 0.06 -3.33	10.80 -0.09 -4.26	10.81 -0.11 -3.12	10.72 -0.16 -2.19	10.90 -0.10 -2.31	10.72 -0.09 -2.31	10.80 -0.16 -2.30	10.86 -0.11 -2.81	10.63 -0.09 -3.06	11.19 -0.14 -3.51	13.13 -0.14 -4.31	15.74 -0.26 -6.26	16.52 -0.25 -6.17	21.73 -0.51 -3.93	21.70 -0.60 -3.65	13.72 -0.20 -4.46	12.78 -0.13 -2.53	10.08 0.09 -2.77
NEVERSINK___HYD 23608	19.96 0.29 -13.81	18.11 0.25 -12.72	16.38 0.25 -10.67	15.73 0.22 -10.43	16.05 0.23 -10.73	17.18 0.27 -10.95	22.48 0.34 -14.77	25.81 0.28 -18.90	21.92 0.36 -13.77	18.74 0.44 -9.61	19.26 0.42 -10.15	19.06 0.42 -10.14	19.20 0.43 -10.12	20.98 0.41 -12.42	21.46 0.18 -13.62	23.73 0.18 -15.73	28.67 0.22 -19.49	38.57 0.27 -28.55	38.82 0.33 -27.89	36.39 0.55 -17.52	35.71 1.06 -16.00	29.49 0.47 -19.56	22.02 0.54 -11.11	19.72 0.35 -12.15
NEWKRMKL_115KV_TB1 55635	25.60 0.26 -19.48	23.32 0.23 -17.95	20.76 0.25 -15.05	20.02 0.22 -14.71	20.46 0.22 -15.15	21.68 0.27 -15.45	28.55 0.33 -20.84	33.59 0.29 -26.67	27.42 0.34 -19.28	22.63 0.37 -13.56	23.39 0.37 -14.33	23.18 0.37 -14.31	23.30 0.36 -14.29	25.76 0.35 -17.25	26.72 0.34 -18.72	29.44 0.34 -21.28	35.28 0.40 -25.92	47.43 0.44 -37.25	48.19 0.47 -37.12	43.05 0.82 -23.91	42.07 0.84 -22.58	37.49 0.43 -27.61	26.53 0.48 -15.68	24.69 0.32 -17.15
NEWTON___FALLS_HYD 23847	6.33 -0.05 -0.52	5.58 -0.04 -0.48	5.81 -0.05 -0.40	5.42 -0.06 -0.39	5.44 -0.05 -0.41	6.33 -0.05 -0.41	7.92 -0.02 -0.56	7.34 -0.01 -0.72	8.26 -0.05 -0.52	8.96 -0.10 -0.36	8.95 -0.12 -0.39	8.77 -0.13 -0.38	8.92 -0.11 -0.38	8.47 -0.16 -0.47	7.96 -0.21 -0.51	8.22 -0.19 -0.58	9.49 -0.19 -0.72	10.64 -0.15 -1.04	11.51 -0.13 -1.03	18.84 -0.13 -0.65	19.18 -0.07 -0.61	10.16 -0.04 -0.74	10.75 -0.05 -0.42	7.63 -0.04 -0.46
NGRID_A1_DSASP 323792	8.41 -0.16 -2.71	7.52 -0.13 -2.50	7.45 -0.11 -2.10	7.00 -0.13 -2.05	7.08 -0.12 -2.11	7.96 -0.16 -2.15	10.00 -0.28 -2.90	9.90 -0.42 -3.69	9.96 -0.52 -2.69	9.97 -0.61 -1.89	10.09 -0.59 -1.99	9.95 -0.54 -1.99	10.00 -0.63 -1.99	10.04 -0.55 -2.43	9.80 -0.51 -2.65	10.29 -0.57 -3.04	12.03 -0.65 -3.73	14.34 -0.82 -5.41	15.05 -0.89 -5.34	20.07 -1.65 -3.40	20.07 -1.73 -3.15	12.60 -0.71 -3.85	11.92 -0.63 -2.18	9.41 -0.20 -2.39
NGRID_A2_DSASP 323793	8.41 -0.16 -2.71	7.52 -0.13 -2.50	7.45 -0.11 -2.10	7.00 -0.13 -2.05	7.08 -0.12 -2.11	7.96 -0.16 -2.15	10.00 -0.28 -2.90	9.90 -0.42 -3.69	9.96 -0.52 -2.69	9.97 -0.61 -1.89	10.09 -0.59 -1.99	9.95 -0.54 -1.99	10.00 -0.63 -1.99	10.04 -0.55 -2.43	9.80 -0.51 -2.65	10.29 -0.57 -3.04	12.03 -0.65 -3.73	14.34 -0.82 -5.41	15.05 -0.89 -5.34	20.07 -1.65 -3.40	20.07 -1.73 -3.15	12.60 -0.71 -3.85	11.92 -0.63 -2.18	9.41 -0.20 -2.39
NGRID_A4_DSASP 323807	8.41 -0.16 -2.71	7.52 -0.13 -2.50	7.45 -0.11 -2.10	7.00 -0.13 -2.05	7.08 -0.12 -2.11	7.96 -0.16 -2.15	10.00 -0.28 -2.90	9.90 -0.42 -3.69	9.96 -0.52 -2.69	9.97 -0.61 -1.89	10.09 -0.59 -1.99	9.95 -0.54 -1.99	10.00 -0.63 -1.99	10.04 -0.55 -2.43	9.80 -0.51 -2.65	10.29 -0.57 -3.04	12.03 -0.65 -3.73	14.34 -0.82 -5.41	15.05 -0.89 -5.34	20.07 -1.65 -3.40	20.07 -1.73 -3.15	12.60 -0.71 -3.85	11.92 -0.63 -2.18	9.41 -0.20 -2.39
NIAGARA_115E_LBMP 323715	8.42 -0.15 -2.71	7.52 -0.12 -2.49	7.47 -0.08 -2.09	7.02 -0.10 -2.04	7.10 -0.09 -2.10	7.96 -0.15 -2.15	9.99 -0.28 -2.90	9.91 -0.42 -3.71	9.96 -0.53 -2.69	9.96 -0.62 -1.89	10.08 -0.60 -2.00	9.95 -0.55 -1.99	10.00 -0.64 -1.99	10.02 -0.56 -2.42	9.79 -0.51 -2.64	10.28 -0.57 -3.03	12.02 -0.65 -3.72	14.32 -0.83 -5.40	15.04 -0.89 -5.33	20.06 -1.65 -3.39	20.06 -1.73 -3.15	12.59 -0.71 -3.84	11.92 -0.64 -2.18	9.40 -0.20 -2.39

NIAGARA_115W_LBMP 323714	8.39 -0.18 -2.71	7.50 -0.14 -2.50	7.43 -0.13 -2.09	6.98 -0.14 -2.05	7.06 -0.13 -2.11	7.93 -0.18 -2.15	9.98 -0.30 -2.90	9.88 -0.43 -3.68	9.93 -0.54 -2.68	9.94 -0.63 -1.88	10.06 -0.62 -1.99	9.93 -0.56 -1.99	9.97 -0.66 -1.98	10.02 -0.56 -2.42	9.77 -0.53 -2.64	10.27 -0.59 -3.03	12.01 -0.67 -3.72	14.30 -0.85 -5.40	15.02 -0.91 -5.33	20.02 -1.69 -3.39	20.02 -1.77 -3.15	12.57 -0.74 -3.85	11.89 -0.66 -2.17	9.39 -0.22 -2.39
NIAGARA_230_LBMP 323716	8.44 -0.09 -2.67	7.53 -0.07 -2.46	7.48 -0.05 -2.06	7.02 -0.08 -2.02	7.10 -0.06 -2.08	7.99 -0.10 -2.12	10.05 -0.19 -2.86	9.96 -0.33 -3.66	10.03 -0.42 -2.66	10.07 -0.49 -1.86	10.18 -0.48 -1.97	10.05 -0.43 -1.97	10.09 -0.52 -1.96	10.11 -0.44 -2.39	9.86 -0.41 -2.61	10.35 -0.46 -2.99	12.10 -0.53 -3.67	14.39 -0.68 -5.33	15.12 -0.74 -5.25	20.27 -1.39 -3.34	20.30 -1.45 -3.10	12.67 -0.58 -3.79	12.03 -0.50 -2.15	9.45 -0.12 -2.36
NIAGARA__115KV_198_GIBSON 55903	8.39 -0.18 -2.71	7.50 -0.14 -2.50	7.43 -0.13 -2.09	6.98 -0.15 -2.05	7.06 -0.13 -2.11	7.93 -0.18 -2.15	9.98 -0.30 -2.90	9.88 -0.43 -3.68	9.93 -0.54 -2.68	9.94 -0.63 -1.88	10.09 -0.59 -1.99	9.94 -0.55 -1.99	9.98 -0.65 -1.98	10.02 -0.56 -2.42	9.77 -0.53 -2.64	10.27 -0.59 -3.03	12.01 -0.67 -3.72	14.30 -0.85 -5.40	15.01 -0.92 -5.33	20.02 -1.69 -3.39	20.04 -1.75 -3.15	12.57 -0.74 -3.85	11.89 -0.66 -2.18	9.39 -0.22 -2.39
NIAGARA____ 23760	8.41 -0.16 -2.71	7.51 -0.13 -2.50	7.45 -0.10 -2.09	7.00 -0.13 -2.05	7.08 -0.12 -2.11	7.95 -0.16 -2.15	9.99 -0.29 -2.90	9.91 -0.41 -3.69	9.96 -0.51 -2.68	9.97 -0.61 -1.88	10.09 -0.58 -1.99	9.96 -0.54 -1.99	10.00 -0.63 -1.98	10.03 -0.55 -2.42	9.79 -0.51 -2.64	10.29 -0.56 -3.02	12.04 -0.63 -3.71	14.34 -0.79 -5.38	15.05 -0.86 -5.31	20.12 -1.58 -3.37	20.14 -1.64 -3.13	12.60 -0.69 -3.83	11.91 -0.64 -2.18	9.39 -0.21 -2.39
NINE_MILE_1 23575	7.07 -0.15 -1.36	6.27 -0.13 -1.26	6.38 -0.14 -1.05	5.96 -0.15 -1.03	6.00 -0.14 -1.06	6.89 -0.16 -1.08	8.64 -0.19 -1.46	8.29 -0.21 -1.87	8.88 -0.26 -1.34	9.35 -0.29 -0.94	9.39 -0.30 -0.99	9.22 -0.28 -0.99	9.34 -0.30 -0.99	9.10 -0.27 -1.21	8.73 -0.25 -1.32	9.08 -0.25 -1.51	10.52 -0.29 -1.85	12.10 -0.33 -2.69	12.90 -0.36 -2.65	19.40 -0.60 -1.69	19.60 -0.61 -1.57	11.07 -0.30 -1.92	11.16 -0.31 -1.09	8.22 -0.18 -1.19
NINE_MILE_2 23744	7.07 -0.15 -1.36	6.26 -0.13 -1.25	6.38 -0.14 -1.05	5.96 -0.15 -1.03	6.01 -0.14 -1.06	6.89 -0.16 -1.08	8.64 -0.19 -1.46	8.30 -0.20 -1.86	8.88 -0.26 -1.34	9.35 -0.29 -0.94	9.39 -0.29 -0.99	9.22 -0.28 -0.99	9.34 -0.30 -0.99	9.10 -0.27 -1.21	8.73 -0.25 -1.32	9.08 -0.25 -1.51	10.52 -0.29 -1.85	12.10 -0.33 -2.69	12.89 -0.36 -2.65	19.40 -0.60 -1.69	19.60 -0.61 -1.57	11.07 -0.30 -1.91	11.15 -0.31 -1.09	8.22 -0.18 -1.19
NM_CAPITAL__DRP 24208	25.34 0.24 -19.24	23.08 0.21 -17.73	20.56 0.23 -14.86	19.81 0.20 -14.53	20.24 0.20 -14.95	21.46 0.24 -15.25	28.25 0.30 -20.58	33.21 0.25 -26.33	27.12 0.30 -19.02	22.42 0.34 -13.39	23.18 0.34 -14.15	22.97 0.33 -14.13	23.07 0.32 -14.11	25.47 0.31 -17.00	26.38 0.30 -18.42	29.02 0.31 -20.89	34.72 0.37 -25.39	46.53 0.40 -36.39	47.38 0.41 -36.36	42.55 0.71 -23.51	41.67 0.73 -22.29	37.09 0.38 -27.26	26.28 0.43 -15.48	24.44 0.30 -16.93
NM_CENTRAL__DRP 24181	7.52 -0.02 -1.68	6.67 -0.02 -1.55	6.75 -0.02 -1.30	6.31 -0.05 -1.27	6.36 -0.04 -1.31	7.27 -0.03 -1.33	9.15 -0.03 -1.80	8.87 -0.07 -2.30	9.35 -0.09 -1.66	9.75 -0.10 -1.16	9.82 -0.10 -1.23	9.64 -0.09 -1.22	9.76 -0.11 -1.22	9.56 -0.09 -1.49	9.21 -0.07 -1.62	9.61 -0.07 -1.86	11.15 -0.09 -2.29	12.94 -0.12 -3.32	13.75 -0.13 -3.27	20.22 -0.18 -2.08	20.39 -0.19 -1.93	11.73 -0.09 -2.36	11.64 -0.08 -1.34	8.66 -0.02 -1.47
NM_FRONTIER__DRP 24179	8.39 -0.18 -2.71	7.50 -0.14 -2.50	7.43 -0.13 -2.09	6.98 -0.15 -2.05	7.06 -0.13 -2.11	7.93 -0.18 -2.15	9.98 -0.30 -2.90	9.88 -0.43 -3.68	9.93 -0.54 -2.68	9.94 -0.63 -1.88	10.09 -0.59 -1.99	9.94 -0.55 -1.99	9.98 -0.65 -1.98	10.02 -0.56 -2.42	9.77 -0.53 -2.64	10.27 -0.59 -3.03	12.01 -0.67 -3.72	14.30 -0.85 -5.40	15.01 -0.92 -5.33	20.02 -1.69 -3.39	20.04 -1.75 -3.15	12.57 -0.74 -3.85	11.89 -0.66 -2.18	9.39 -0.22 -2.39
NM_ST_REGIS__HYD 24053	5.74 -0.12 0.00	5.04 -0.10 0.00	5.34 -0.12 0.00	5.00 -0.09 0.00	5.01 -0.08 0.00	5.86 -0.10 0.00	7.31 -0.07 0.00	6.60 -0.03 0.00	7.74 -0.05 0.00	8.62 -0.07 0.00	8.59 -0.10 0.00	8.40 -0.11 0.00	8.59 -0.06 0.00	8.04 -0.12 0.00	7.46 -0.20 0.00	7.62 -0.20 0.00	8.73 -0.22 0.00	9.57 -0.18 0.00	10.44 -0.17 0.00	17.99 -0.33 0.00	18.37 -0.28 0.00	9.35 -0.10 0.00	10.24 -0.13 0.00	7.10 -0.12 0.00
NORTHPORT__1 23551	22.63 0.45 -16.32	19.84 0.38 -14.32	17.86 0.39 -12.01	17.18 0.36 -11.74	17.55 0.38 -12.08	22.24 0.43 -15.85	27.13 0.52 -19.23	29.94 0.51 -22.80	30.67 0.64 -22.24	29.91 0.71 -20.50	30.22 0.67 -20.86	31.70 0.64 -22.55	32.15 0.67 -22.83	31.95 0.61 -23.18	33.97 0.56 -25.76	44.54 0.56 -36.16	45.41 0.65 -35.80	56.65 0.72 -46.19	50.41 0.78 -39.02	42.99 1.34 -23.34	39.83 1.36 -19.83	37.68 0.68 -27.54	32.16 0.71 -21.08	29.70 0.52 -21.97
NORTHPORT__2 23552	22.63 0.45 -16.32	19.84 0.38 -14.32	17.86 0.39 -12.01	17.18 0.36 -11.74	17.55 0.38 -12.08	22.21 0.40 -15.85	27.09 0.49 -19.23	29.91 0.48 -22.80	30.64 0.60 -22.24	29.86 0.67 -20.50	30.19 0.63 -20.86	31.64 0.58 -22.55	32.07 0.60 -22.83	31.89 0.56 -23.18	33.91 0.51 -25.75	44.48 0.50 -36.15	45.34 0.59 -35.79	56.56 0.64 -46.18	50.32 0.70 -39.02	42.86 1.21 -23.33	39.68 1.21 -19.82	37.59 0.61 -27.53	32.07 0.62 -21.07	29.67 0.48 -21.97
NORTHPORT__3 23553	22.70 0.52 -16.32	19.90 0.44 -14.32	17.92 0.45 -12.01	17.24 0.42 -11.74	17.61 0.44 -12.08	22.30 0.49 -15.85	27.21 0.61 -19.23	30.01 0.58 -22.80	30.76 0.72 -22.24	29.99 0.80 -20.50	30.33 0.78 -20.86	31.84 0.77 -22.55	32.27 0.79 -22.83	32.09 0.75 -23.18	34.07 0.65 -25.76	44.63 0.65 -36.16	45.51 0.75 -35.80	56.75 0.82 -46.19	50.52 0.89 -39.02	43.18 1.52 -23.34	40.02 1.55 -19.83	37.76 0.77 -27.54	32.32 0.86 -21.08	29.79 0.61 -21.97
NORTHPORT__4 23650	22.70 0.52 -16.32	19.90 0.44 -14.32	17.92 0.45 -12.01	17.24 0.42 -11.74	17.61 0.44 -12.08	22.30 0.49 -15.85	27.21 0.61 -19.23	30.01 0.58 -22.80	30.76 0.72 -22.24	29.99 0.80 -20.50	30.33 0.78 -20.86	31.84 0.77 -22.55	32.27 0.79 -22.83	32.09 0.75 -23.18	34.07 0.65 -25.76	44.63 0.65 -36.16	45.51 0.75 -35.80	56.75 0.82 -46.19	50.52 0.89 -39.02	43.18 1.52 -23.34	40.02 1.55 -19.83	37.76 0.77 -27.54	32.32 0.86 -21.08	29.79 0.61 -21.97
NORTHPORT__IC 23718	22.63 0.45 -16.32	19.84 0.38 -14.32	17.86 0.39 -12.01	17.18 0.36 -11.74	17.55 0.38 -12.08	22.24 0.43 -15.85	27.13 0.52 -19.23	29.94 0.51 -22.80	30.67 0.64 -22.24	29.91 0.71 -20.50	30.22 0.67 -20.86	31.70 0.64 -22.55	32.15 0.67 -22.83	31.95 0.61 -23.18	33.97 0.56 -25.76	44.54 0.56 -36.16	45.41 0.65 -35.80	56.65 0.72 -46.19	50.41 0.78 -39.02	42.99 1.34 -23.34	39.83 1.36 -19.83	37.68 0.68 -27.54	32.16 0.71 -21.08	29.70 0.52 -21.97

NORTH__COUNTRY_ESR 323785	5.78 -0.08 0.00	5.08 -0.07 0.00	5.39 -0.08 0.00	5.05 -0.04 0.00	5.05 -0.04 0.00	5.92 -0.04 0.00	7.38 0.00 0.00	6.69 0.06 0.00	7.88 0.09 0.00	8.76 0.07 0.00	8.78 0.10 0.00	8.57 0.06 0.00	8.77 0.12 0.00	8.24 0.08 0.00	7.71 0.05 0.00	7.86 0.04 0.00	9.00 0.05 0.00	9.89 0.15 0.00	10.78 0.18 0.00	18.52 0.20 0.00	18.85 0.21 0.00	9.53 0.08 0.00	10.37 -0.01 0.00	7.19 -0.02 0.00
NPX_GEN_1385_PROXY 323591	22.59 0.41 -16.32	19.81 0.34 -14.32	17.83 0.35 -12.01	17.15 0.33 -11.74	17.52 0.35 -12.08	22.21 0.40 -15.85	27.09 0.49 -19.23	29.92 0.49 -22.80	30.65 0.62 -22.24	29.86 0.67 -20.50	30.20 0.65 -20.86	31.66 0.60 -22.55	32.09 0.61 -22.83	31.91 0.57 -23.18	33.93 0.52 -25.75	44.49 0.52 -36.15	45.36 0.61 -35.79	56.58 0.66 -46.18	50.34 0.72 -39.02	42.90 1.25 -23.33	39.72 1.25 -19.82	37.61 0.62 -27.53	32.07 0.62 -21.07	29.67 0.48 -21.97
NPX_GEN_CSC 323557	22.67 0.49 -16.32	19.88 0.42 -14.32	17.92 0.45 -12.01	17.24 0.42 -11.74	17.62 0.45 -12.08	22.27 0.46 -15.85	27.14 0.53 -19.23	29.91 0.48 -22.80	30.67 0.63 -22.24	29.93 0.74 -20.50	30.10 0.55 -20.86	31.60 0.54 -22.55	32.05 0.57 -22.83	31.85 0.51 -23.18	33.90 0.48 -25.76	44.48 0.49 -36.16	45.37 0.61 -35.80	56.62 0.69 -46.19	50.38 0.75 -39.02	42.94 1.28 -23.34	39.76 1.29 -19.83	37.62 0.62 -27.54	32.08 0.62 -21.08	29.64 0.45 -21.97
NSINS_S_GLNS_FALLS 23858	26.25 0.34 -20.06	23.92 0.29 -18.48	21.31 0.35 -15.50	20.55 0.32 -15.14	21.00 0.33 -15.59	22.27 0.41 -15.90	29.38 0.55 -21.45	34.57 0.48 -27.45	28.18 0.55 -19.84	23.24 0.58 -13.96	24.00 0.56 -14.75	23.80 0.56 -14.73	23.85 0.49 -14.71	26.37 0.47 -17.74	27.35 0.45 -19.24	30.10 0.44 -21.84	36.05 0.52 -26.58	48.49 0.60 -38.14	49.31 0.65 -38.06	44.09 1.21 -24.56	43.12 1.23 -23.24	38.47 0.60 -28.42	27.22 0.71 -16.14	25.33 0.46 -17.65
NUCOR_STEEL__DRP 24197	8.15 0.08 -2.21	7.24 0.07 -2.03	7.25 0.08 -1.70	6.79 0.04 -1.67	6.85 0.05 -1.72	7.79 0.08 -1.75	9.85 0.11 -2.36	9.72 0.07 -3.02	9.96 0.02 -2.15	10.24 0.03 -1.51	10.31 0.03 -1.59	10.13 0.03 -1.59	10.24 0.00 -1.59	10.12 0.02 -1.93	9.80 0.03 -2.11	10.28 0.04 -2.42	11.97 0.04 -2.97	14.08 0.03 -4.31	14.89 0.03 -4.25	21.13 0.11 -2.71	21.31 0.15 -2.51	12.59 0.06 -3.07	12.20 0.07 -1.74	9.22 0.10 -1.91
NUMBER_THREE_WT_PWR 323818	6.63 0.06 -0.71	5.86 0.06 -0.65	6.07 0.05 -0.55	5.63 0.01 -0.54	5.66 0.03 -0.55	6.58 0.05 -0.56	8.23 0.10 -0.76	7.66 0.06 -0.97	8.51 0.02 -0.70	9.18 0.00 -0.49	9.17 -0.03 -0.52	8.99 -0.04 -0.52	9.13 -0.03 -0.52	8.73 -0.06 -0.63	8.27 -0.08 -0.69	8.56 -0.05 -0.79	9.91 -0.02 -0.97	11.20 0.05 -1.41	12.08 0.08 -1.39	19.55 0.35 -0.88	19.84 0.37 -0.82	10.58 0.12 -1.00	11.08 0.13 -0.57	7.93 0.09 -0.62
NYISO_LBMP_REFERENCE 24008	5.86 0.00 0.00	5.14 0.00 0.00	5.46 0.00 0.00	5.08 0.00 0.00	5.09 0.00 0.00	5.96 0.00 0.00	7.38 0.00 0.00	6.63 0.00 0.00	7.79 0.00 0.00	8.69 0.00 0.00	8.69 0.00 0.00	8.51 0.00 0.00	8.65 0.00 0.00	8.16 0.00 0.00	7.66 0.00 0.00	7.82 0.00 0.00	8.96 0.00 0.00	9.74 0.00 0.00	10.60 0.00 0.00	18.32 0.00 0.00	18.65 0.00 0.00	9.46 0.00 0.00	10.38 0.00 0.00	7.21 0.00 0.00
NYPA_BRENTWD__GT 24164	22.70 0.52 -16.32	19.90 0.43 -14.32	17.92 0.45 -12.01	17.23 0.42 -11.74	17.61 0.44 -12.08	22.30 0.48 -15.85	27.20 0.59 -19.23	30.00 0.57 -22.80	30.75 0.72 -22.24	29.98 0.78 -20.50	30.30 0.75 -20.86	31.78 0.72 -22.55	32.23 0.74 -22.83	32.03 0.69 -23.18	34.06 0.64 -25.76	44.62 0.64 -36.16	45.53 0.77 -35.80	56.74 0.81 -46.19	50.52 0.89 -39.02	43.20 1.54 -23.34	40.02 1.55 -19.83	37.79 0.79 -27.54	32.27 0.81 -21.08	29.77 0.58 -21.97
NYPA_GOWANUS__GT5 24156	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NYPA_GOWANUS__GT6 24157	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NYPA_HARLEM_RVR_GT1 24160	21.85 0.45 -15.55	19.90 0.43 -14.32	17.93 0.46 -12.00	17.25 0.43 -11.73	17.60 0.44 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.14 0.25 -21.26	23.66 0.34 -15.52	19.91 0.41 -10.81	20.50 0.39 -11.42	20.31 0.40 -11.41	20.46 0.42 -11.39	22.58 0.40 -14.03	23.45 0.37 -15.42	26.06 0.35 -17.88	31.58 0.38 -22.24	42.88 0.42 -32.72	42.88 0.46 -31.82	38.95 0.75 -19.88	37.41 0.76 -18.00	31.86 0.39 -22.01	23.47 0.59 -12.50	21.41 0.51 -13.69
NYPA_HARLEM_RVR_GT2 24161	21.85 0.45 -15.55	19.90 0.43 -14.32	17.93 0.46 -12.00	17.25 0.43 -11.73	17.60 0.44 -12.08	18.66 0.38 -12.32	24.34 0.34 -16.62	28.14 0.25 -21.26	23.66 0.34 -15.52	19.91 0.41 -10.81	20.50 0.39 -11.42	20.31 0.40 -11.41	20.46 0.42 -11.39	22.58 0.40 -14.03	23.45 0.37 -15.42	26.06 0.35 -17.88	31.58 0.38 -22.24	42.88 0.42 -32.72	42.88 0.46 -31.82	38.95 0.75 -19.88	37.41 0.76 -18.00	31.86 0.39 -22.01	23.47 0.59 -12.50	21.41 0.51 -13.69
NYPA_KENT__GT 24152	21.82 0.42 -15.54	19.82 0.36 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.49 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.21 0.69 -10.83	20.81 0.68 -11.44	20.60 0.67 -11.42	20.76 0.71 -11.41	25.96 0.67 -17.13	23.71 0.61 -15.44	26.33 0.60 -17.90	31.88 0.66 -22.26	43.21 0.74 -32.73	43.22 0.80 -31.82	39.54 1.34 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.65 0.77 -12.50	21.43 0.53 -13.69
NYPA_POUCH1__GT 24155	21.83 0.43 -15.54	19.83 0.37 -14.32	17.83 0.36 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.38 -12.32	24.47 0.47 -16.62	28.36 0.45 -21.28	23.90 0.57 -15.54	20.17 0.65 -10.83	20.77 0.64 -11.44	20.57 0.64 -11.42	20.72 0.67 -11.40	27.05 0.63 -18.27	23.68 0.58 -15.44	26.29 0.57 -17.90	31.84 0.63 -22.26	43.20 0.72 -32.73	43.20 0.76 -31.83	39.47 1.26 -19.89	37.95 1.29 -18.01	32.15 0.66 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69
NYPA_VERNON__GT2 24162	21.81 0.42 -15.54	19.82 0.35 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.49 -16.62	28.38 0.47 -21.28	23.93 0.60 -15.54	20.22 0.70 -10.83	20.81 0.68 -11.44	20.61 0.68 -11.42	20.77 0.72 -11.41	26.16 0.67 -17.33	23.72 0.62 -15.44	26.33 0.61 -17.90	31.89 0.67 -22.26	43.21 0.74 -32.73	43.22 0.80 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.64 0.76 -12.50	21.42 0.52 -13.69

ONONDAGA_REF_OCCRA 23987	7.87 0.00 -2.01	6.99 -0.01 -1.85	7.02 0.01 -1.55	6.57 -0.03 -1.52	6.63 -0.02 -1.56	7.55 -0.01 -1.59	9.53 0.00 -2.15	9.35 -0.03 -2.75	9.71 -0.06 -1.98	10.01 -0.07 -1.39	10.10 -0.06 -1.47	9.91 -0.06 -1.47	10.03 -0.09 -1.46	9.88 -0.06 -1.78	9.56 -0.05 -1.94	10.01 -0.04 -2.23	11.65 -0.04 -2.74	13.65 -0.07 -3.97	14.45 -0.07 -3.92	20.72 -0.09 -2.49	20.89 -0.07 -2.31	12.24 -0.05 -2.83	11.95 -0.03 -1.61	8.99 0.01 -1.76
ONONDAGA___COGEN 23986	7.77 0.01 -1.90	6.90 0.00 -1.75	6.95 0.01 -1.47	6.49 -0.03 -1.44	6.55 -0.02 -1.48	7.47 0.00 -1.51	9.42 0.01 -2.04	9.21 -0.03 -2.61	9.59 -0.06 -1.86	9.93 -0.06 -1.30	10.00 -0.06 -1.37	9.82 -0.06 -1.37	9.93 -0.09 -1.37	9.77 -0.06 -1.67	9.43 -0.05 -1.82	9.87 -0.04 -2.08	11.46 -0.05 -2.56	13.38 -0.08 -3.72	14.19 -0.08 -3.67	20.54 -0.11 -2.33	20.72 -0.09 -2.17	12.05 -0.06 -2.65	11.84 -0.04 -1.50	8.87 0.01 -1.65
ONTARIO___LFGE 23819	8.51 0.14 -2.51	7.58 0.12 -2.32	7.55 0.14 -1.94	7.06 0.08 -1.90	7.14 0.10 -1.95	8.11 0.15 -1.99	10.27 0.21 -2.69	10.16 0.09 -3.44	9.72 -0.09 -2.02	10.00 -0.10 -1.41	10.08 -0.10 -1.49	9.90 -0.09 -1.49	10.00 -0.14 -1.49	9.87 -0.10 -1.81	9.55 -0.08 -1.97	9.99 -0.09 -2.26	11.63 -0.11 -2.78	13.63 -0.15 -4.03	14.44 -0.15 -3.98	20.59 -0.26 -2.53	20.76 -0.24 -2.35	12.23 -0.10 -2.87	11.93 -0.08 -1.63	9.03 0.03 -1.79
ORANGEVILLE_WT_PWR 323706	9.11 0.00 -3.25	8.15 0.01 -3.00	8.01 0.04 -2.51	7.54 0.00 -2.46	7.63 0.02 -2.53	8.55 0.01 -2.58	10.81 -0.05 -3.48	10.89 -0.19 -4.45	10.82 -0.23 -3.26	10.69 -0.29 -2.29	10.84 -0.27 -2.42	10.69 -0.23 -2.41	10.76 -0.30 -2.41	10.85 -0.24 -2.93	10.64 -0.22 -3.20	11.24 -0.26 -3.68	13.19 -0.29 -4.52	15.89 -0.41 -6.55	16.65 -0.42 -6.47	21.63 -0.81 -4.11	21.59 -0.88 -3.82	13.78 -0.33 -4.66	12.75 -0.27 -2.64	10.11 0.00 -2.89
ORANGEVILLE___ESR 323794	9.11 0.00 -3.25	8.15 0.01 -3.00	8.01 0.04 -2.51	7.54 0.00 -2.46	7.63 0.02 -2.53	8.55 0.01 -2.58	10.81 -0.05 -3.48	10.89 -0.19 -4.45	10.82 -0.23 -3.26	10.69 -0.29 -2.29	10.84 -0.27 -2.42	10.69 -0.23 -2.41	10.76 -0.30 -2.41	10.85 -0.24 -2.93	10.64 -0.22 -3.20	11.24 -0.26 -3.68	13.19 -0.29 -4.52	15.89 -0.41 -6.55	16.65 -0.42 -6.47	21.63 -0.81 -4.11	21.59 -0.88 -3.82	13.78 -0.33 -4.66	12.75 -0.27 -2.64	10.11 0.00 -2.89
OSWEGATCHIE___HYD 24044	6.33 -0.05 -0.52	5.58 -0.04 -0.48	5.81 -0.05 -0.40	5.42 -0.06 -0.39	5.44 -0.05 -0.41	6.33 -0.05 -0.41	7.92 -0.02 -0.56	7.33 -0.01 -0.72	8.26 -0.05 -0.52	8.96 -0.10 -0.36	8.96 -0.11 -0.39	8.77 -0.13 -0.38	8.93 -0.10 -0.38	8.47 -0.16 -0.47	7.96 -0.21 -0.51	8.22 -0.19 -0.58	9.49 -0.19 -0.72	10.64 -0.15 -1.04	11.51 -0.13 -1.03	18.85 -0.13 -0.65	19.18 -0.07 -0.61	10.16 -0.04 -0.74	10.75 -0.05 -0.42	7.63 -0.04 -0.46
OSWEGO___5 23606	7.29 -0.11 -1.54	6.46 -0.10 -1.42	6.55 -0.10 -1.19	6.13 -0.12 -1.16	6.17 -0.11 -1.20	7.06 -0.12 -1.22	8.88 -0.14 -1.64	8.57 -0.16 -2.10	9.10 -0.21 -1.52	9.52 -0.23 -1.06	9.57 -0.24 -1.12	9.40 -0.23 -1.12	9.52 -0.25 -1.12	9.30 -0.22 -1.36	8.95 -0.20 -1.49	9.32 -0.20 -1.70	10.81 -0.23 -2.09	12.51 -0.27 -3.03	13.30 -0.30 -2.99	19.73 -0.49 -1.90	19.93 -0.48 -1.77	11.37 -0.25 -2.16	11.36 -0.25 -1.23	8.43 -0.13 -1.34
OSWEGO___6 23613	7.29 -0.11 -1.54	6.46 -0.10 -1.42	6.55 -0.10 -1.19	6.13 -0.12 -1.16	6.17 -0.11 -1.20	7.06 -0.12 -1.22	8.88 -0.14 -1.64	8.57 -0.16 -2.10	9.10 -0.21 -1.52	9.52 -0.23 -1.06	9.57 -0.24 -1.12	9.40 -0.23 -1.12	9.52 -0.25 -1.12	9.30 -0.22 -1.36	8.95 -0.20 -1.49	9.32 -0.20 -1.70	10.81 -0.23 -2.09	12.51 -0.27 -3.03	13.30 -0.30 -2.99	19.73 -0.49 -1.90	19.93 -0.48 -1.77	11.37 -0.25 -2.16	11.36 -0.25 -1.23	8.43 -0.13 -1.34
OUTOKUMPU-AB___DRP 24206	8.60 -0.03 -2.77	7.68 -0.01 -2.55	7.62 0.02 -2.14	7.15 -0.02 -2.09	7.23 -0.01 -2.15	8.13 -0.02 -2.19	10.23 -0.11 -2.96	10.11 -0.29 -3.78	10.18 -0.36 -2.75	10.20 -0.43 -1.93	10.34 -0.38 -2.04	10.19 -0.36 -2.04	10.24 -0.44 -2.03	10.29 -0.34 -2.48	10.04 -0.32 -2.70	10.54 -0.38 -3.10	12.33 -0.43 -3.81	14.68 -0.58 -5.52	15.44 -0.62 -5.45	20.61 -1.17 -3.47	20.64 -1.23 -3.22	12.91 -0.48 -3.94	12.23 -0.38 -2.23	9.62 -0.04 -2.45
OXBOW___ 24026	8.52 -0.08 -2.74	7.61 -0.06 -2.52	7.55 -0.03 -2.12	7.08 -0.07 -2.07	7.17 -0.05 -2.13	8.06 -0.08 -2.17	10.13 -0.18 -2.93	10.02 -0.34 -3.73	10.09 -0.42 -2.72	10.10 -0.50 -1.91	10.23 -0.48 -2.02	10.09 -0.43 -2.01	10.14 -0.52 -2.01	10.19 -0.42 -2.45	9.94 -0.40 -2.67	10.43 -0.45 -3.07	12.21 -0.52 -3.77	14.53 -0.68 -5.47	15.27 -0.73 -5.39	20.40 -1.36 -3.43	20.38 -1.45 -3.19	12.77 -0.58 -3.89	12.09 -0.49 -2.20	9.53 -0.10 -2.42
OXY_CHEM_DSASP 323612	8.41 -0.16 -2.71	7.52 -0.13 -2.50	7.45 -0.11 -2.10	7.00 -0.13 -2.05	7.08 -0.12 -2.11	7.96 -0.16 -2.15	10.00 -0.28 -2.90	9.90 -0.42 -3.69	9.96 -0.52 -2.69	9.97 -0.61 -1.89	10.09 -0.59 -1.99	9.95 -0.54 -1.99	10.00 -0.63 -1.99	10.04 -0.55 -2.43	9.80 -0.51 -2.65	10.29 -0.57 -3.04	12.03 -0.65 -3.73	14.34 -0.82 -5.41	15.05 -0.89 -5.34	20.07 -1.65 -3.40	20.07 -1.73 -3.15	12.60 -0.71 -3.85	11.92 -0.63 -2.18	9.41 -0.20 -2.39
OZONE_PARK_ESR 323760	21.82 0.43 -15.54	19.83 0.37 -14.32	17.85 0.38 -12.00	17.16 0.35 -11.73	17.52 0.36 -12.08	18.70 0.41 -12.32	24.51 0.51 -16.62	28.38 0.48 -21.27	23.95 0.62 -15.53	20.23 0.72 -10.82	20.83 0.71 -11.43	20.63 0.71 -11.41	20.79 0.74 -11.40	22.89 0.70 -14.03	23.73 0.64 -15.43	26.35 0.63 -17.89	31.91 0.70 -22.25	43.25 0.78 -32.73	43.27 0.84 -31.82	39.63 1.43 -19.88	38.09 1.44 -18.01	32.20 0.72 -22.02	23.66 0.78 -12.50	21.44 0.53 -13.69
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	8.41 -0.16 -2.71	7.52 -0.13 -2.50	7.45 -0.11 -2.10	7.00 -0.13 -2.05	7.08 -0.12 -2.11	7.96 -0.16 -2.15	10.00 -0.28 -2.90	9.90 -0.42 -3.69	9.96 -0.52 -2.69	9.97 -0.61 -1.89	10.12 -0.56 -1.99	9.96 -0.54 -1.99	10.01 -0.62 -1.99	10.04 -0.55 -2.43	9.80 -0.51 -2.65	10.29 -0.56 -3.04	12.03 -0.65 -3.73	14.34 -0.82 -5.41	15.05 -0.89 -5.34	20.07 -1.65 -3.40	20.09 -1.72 -3.15	12.60 -0.71 -3.86	11.92 -0.63 -2.18	9.41 -0.20 -2.40
PACKARD__115KV_DUPONT_184 80571	8.41 -0.16 -2.71	7.52 -0.13 -2.50	7.45 -0.11 -2.10	7.00 -0.13 -2.05	7.08 -0.12 -2.11	7.96 -0.16 -2.15	10.00 -0.28 -2.90	9.90 -0.42 -3.69	9.96 -0.52 -2.69	9.97 -0.61 -1.89	10.12 -0.56 -1.99	9.96 -0.54 -1.99	10.01 -0.62 -1.99	10.04 -0.55 -2.43	9.80 -0.51 -2.65	10.29 -0.56 -3.04	12.03 -0.65 -3.73	14.34 -0.82 -5.41	15.05 -0.89 -5.34	20.07 -1.65 -3.40	20.09 -1.72 -3.15	12.60 -0.71 -3.86	11.92 -0.63 -2.18	9.41 -0.20 -2.40
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.87 0.47 -15.55	19.91 0.45 -14.32	17.95 0.48 -12.00	17.26 0.45 -11.73	17.62 0.45 -12.08	18.67 0.38 -12.32	24.34 0.34 -16.62	28.13 0.23 -21.27	23.64 0.32 -15.53	19.89 0.38 -10.82	20.48 0.36 -11.43	20.28 0.36 -11.41	20.44 0.40 -11.40	22.56 0.37 -14.03	23.42 0.34 -15.43	26.04 0.33 -17.89	31.57 0.36 -22.25	42.89 0.42 -32.73	42.88 0.46 -31.82	38.95 0.75 -19.88	37.42 0.76 -18.01	31.85 0.37 -22.02	23.47 0.59 -12.50	21.42 0.52 -13.69

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.91 0.50 -15.55	19.94 0.48 -14.32	17.99 0.52 -12.00	17.30 0.49 -11.73	17.66 0.50 -12.08	18.71 0.42 -12.32	24.39 0.39 -16.62	28.15 0.25 -21.27	23.66 0.34 -15.53	19.93 0.42 -10.82	20.48 0.36 -11.43	20.28 0.36 -11.41	20.43 0.39 -11.40	22.56 0.37 -14.03	23.42 0.33 -15.43	26.03 0.32 -17.89	31.56 0.35 -22.25	42.88 0.41 -32.73	42.87 0.45 -31.82	38.95 0.75 -19.88	37.40 0.75 -18.01	31.85 0.37 -22.02	23.50 0.62 -12.50	21.44 0.54 -13.69
PATROON__115KV_TB1 80586	25.73 0.27 -19.61	23.44 0.24 -18.06	20.86 0.25 -15.15	20.11 0.23 -14.80	20.56 0.23 -15.24	21.79 0.27 -15.55	28.69 0.35 -20.97	33.77 0.30 -26.84	27.56 0.36 -19.41	22.73 0.39 -13.65	23.50 0.39 -14.42	23.29 0.38 -14.40	23.41 0.38 -14.38	25.89 0.37 -17.36	26.86 0.35 -18.85	29.60 0.37 -21.42	35.48 0.42 -26.10	47.72 0.47 -37.51	48.47 0.50 -37.37	43.25 0.86 -24.07	42.24 0.88 -22.72	37.68 0.44 -27.78	26.65 0.50 -15.77	24.81 0.34 -17.26
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	8.79 -0.06 -2.99	7.85 -0.04 -2.75	7.75 -0.02 -2.31	7.29 -0.05 -2.25	7.37 -0.04 -2.32	8.28 -0.05 -2.37	10.45 -0.13 -3.19	10.45 -0.27 -4.09	10.46 -0.32 -2.99	10.42 -0.37 -2.10	10.57 -0.33 -2.21	10.41 -0.31 -2.21	10.48 -0.37 -2.21	10.54 -0.31 -2.69	10.31 -0.28 -2.93	10.85 -0.34 -3.36	12.72 -0.37 -4.13	15.22 -0.52 -5.99	16.00 -0.52 -5.91	21.09 -0.99 -3.76	21.06 -1.08 -3.49	13.29 -0.44 -4.27	12.43 -0.37 -2.42	9.80 -0.06 -2.65
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.88 0.35 -15.67	19.88 0.30 -14.44	17.88 0.31 -12.11	17.20 0.28 -11.83	17.56 0.30 -12.18	18.72 0.33 -12.43	24.57 0.43 -16.76	28.49 0.39 -21.47	23.94 0.48 -15.66	20.16 0.55 -10.92	20.77 0.55 -11.54	20.56 0.54 -11.52	20.72 0.57 -11.50	22.85 0.55 -14.14	23.71 0.51 -15.53	26.34 0.53 -17.99	31.90 0.61 -22.33	43.22 0.68 -32.80	43.30 0.75 -31.94	39.56 1.25 -20.00	38.08 1.27 -18.17	32.28 0.61 -22.21	23.62 0.63 -12.61	21.43 0.42 -13.80
PEEKSKILL____ 23653	21.56 0.33 -15.38	19.59 0.28 -14.17	17.64 0.29 -11.88	16.96 0.27 -11.61	17.32 0.28 -11.95	18.47 0.32 -12.19	24.22 0.40 -16.45	28.05 0.37 -21.05	23.64 0.48 -15.37	19.95 0.55 -10.71	20.54 0.54 -11.31	20.34 0.54 -11.29	20.49 0.56 -11.28	22.58 0.54 -13.89	23.42 0.50 -15.27	26.02 0.49 -17.70	31.53 0.56 -22.01	42.73 0.61 -32.37	42.76 0.67 -31.48	39.11 1.12 -19.67	37.61 1.14 -17.82	31.81 0.56 -21.79	23.35 0.60 -12.37	21.16 0.40 -13.54
PGE MADISON__WINDPWR 24146	11.23 0.47 -4.90	10.10 0.44 -4.51	9.70 0.45 -3.79	9.09 0.31 -3.70	9.24 0.34 -3.81	10.31 0.46 -3.88	13.23 0.61 -5.24	13.78 0.44 -6.71	13.13 0.40 -4.93	12.61 0.46 -3.46	12.72 0.38 -3.65	12.52 0.37 -3.65	12.63 0.34 -3.64	12.87 0.29 -4.43	12.77 0.28 -4.83	13.74 0.38 -5.53	16.26 0.50 -6.80	20.25 0.64 -9.87	21.11 0.77 -9.73	26.25 1.74 -6.19	26.15 1.75 -5.75	17.21 0.72 -7.03	15.13 0.76 -3.99	12.15 0.56 -4.37
PIERCEFIELD__HYD 23852	5.72 -0.13 0.00	5.04 -0.11 0.00	5.33 -0.13 0.00	4.98 -0.10 0.00	4.99 -0.10 0.00	5.85 -0.12 0.00	7.28 -0.10 0.00	6.56 -0.07 0.00	7.69 -0.10 0.00	8.57 -0.12 0.00	8.53 -0.16 0.00	8.34 -0.17 0.00	8.53 -0.12 0.00	7.97 -0.19 0.00	7.38 -0.28 0.00	7.55 -0.27 0.00	8.65 -0.30 0.00	9.47 -0.27 0.00	10.32 -0.29 0.00	17.81 -0.51 0.00	18.22 -0.43 0.00	9.30 -0.16 0.00	10.19 -0.19 0.00	7.07 -0.14 0.00
PINELAWN_CC_1 323563	22.68 0.50 -16.32	19.88 0.42 -14.32	17.91 0.44 -12.01	17.22 0.40 -11.74	17.60 0.43 -12.08	22.28 0.47 -15.85	27.18 0.58 -19.23	29.99 0.56 -22.80	30.74 0.70 -22.24	29.95 0.76 -20.50	30.29 0.74 -20.86	31.78 0.72 -22.55	32.23 0.74 -22.83	32.04 0.70 -23.18	34.06 0.64 -25.76	44.56 0.58 -36.16	45.43 0.67 -35.80	56.63 0.70 -46.19	50.39 0.76 -39.02	43.05 1.39 -23.34	39.89 1.42 -19.83	37.71 0.72 -27.54	32.28 0.82 -21.08	29.76 0.58 -21.97
PJM_GEN_HTP_PROXY 323702	21.78 0.38 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.32 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.33 0.43 -21.27	23.88 0.56 -15.53	20.16 0.65 -10.82	20.75 0.63 -11.43	20.56 0.64 -11.41	20.71 0.67 -11.40	22.82 0.63 -14.03	23.66 0.57 -15.43	26.28 0.57 -17.89	31.83 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.58 0.70 -12.50	21.38 0.48 -13.69
PJM_GEN_KEystone 24065	15.70 0.16 -9.69	14.21 0.14 -8.93	13.10 0.15 -7.48	12.52 0.13 -7.31	12.75 0.14 -7.53	13.80 0.15 -7.68	17.91 0.17 -10.36	19.99 0.10 -13.26	17.62 0.13 -9.70	15.60 0.15 -6.76	15.97 0.14 -7.14	15.80 0.16 -7.13	15.92 0.15 -7.12	17.07 0.15 -8.75	17.42 0.15 -9.61	19.08 0.13 -11.13	22.92 0.15 -13.82	30.15 0.13 -20.28	30.51 0.15 -19.76	30.90 0.20 -12.38	30.09 0.19 -11.25	23.34 0.12 -13.76	18.37 0.18 -7.81	15.96 0.19 -8.55
PJM_GEN_NEPTUNE_PROXY 323594	22.27 0.44 -15.97	19.83 0.37 -14.32	17.85 0.38 -12.01	17.17 0.36 -11.74	17.54 0.38 -12.08	20.22 0.41 -13.84	25.63 0.51 -17.75	29.05 0.48 -21.93	26.84 0.62 -18.43	24.38 0.69 -15.00	24.86 0.67 -15.50	25.38 0.66 -16.22	25.66 0.68 -16.33	26.78 0.64 -17.98	28.13 0.58 -19.89	34.17 0.57 -25.78	37.71 0.65 -28.10	49.00 0.72 -38.54	46.32 0.78 -34.94	41.03 1.34 -21.38	38.80 1.36 -18.80	34.54 0.68 -24.40	27.32 0.74 -16.20	24.99 0.51 -17.26
PJM_GEN_VFT_PROXY 323633	21.77 0.38 -15.54	19.79 0.33 -14.32	17.80 0.33 -12.00	17.12 0.31 -11.73	17.49 0.32 -12.08	18.65 0.36 -12.32	24.45 0.45 -16.62	28.33 0.43 -21.27	23.89 0.57 -15.53	20.17 0.66 -10.82	20.75 0.63 -11.43	20.57 0.65 -11.41	20.72 0.68 -11.40	22.82 0.63 -14.03	23.66 0.57 -15.43	26.27 0.56 -17.89	31.81 0.60 -22.25	43.12 0.65 -32.73	43.13 0.70 -31.82	39.39 1.19 -19.88	37.85 1.19 -18.01	32.09 0.61 -22.02	23.58 0.70 -12.50	21.38 0.48 -13.69
PLATSBRG_115KV_PMLD1 355749	5.85 -0.01 0.00	5.14 -0.01 0.00	5.45 -0.01 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.00 0.04 0.00	7.49 0.11 0.00	6.79 0.16 0.00	7.99 0.20 0.00	8.87 0.18 0.00	8.89 0.20 0.00	8.69 0.18 0.00	8.89 0.24 0.00	8.35 0.20 0.00	7.82 0.16 0.00	7.97 0.15 0.00	9.14 0.18 0.00	10.05 0.30 0.00	10.95 0.35 0.00	18.80 0.48 0.00	19.15 0.50 0.00	9.68 0.22 0.00	10.50 0.12 0.00	7.29 0.08 0.00
PLEASANTVLY__LBMP 24000	22.43 0.29 -16.28	20.40 0.26 -15.00	18.31 0.27 -12.58	17.62 0.24 -12.29	17.99 0.25 -12.65	19.16 0.29 -12.91	25.14 0.35 -17.41	29.23 0.32 -22.29	24.48 0.41 -16.28	20.50 0.47 -11.33	21.13 0.47 -11.98	20.93 0.47 -11.96	21.07 0.48 -11.94	23.33 0.47 -14.71	24.27 0.43 -16.18	27.01 0.42 -18.77	32.79 0.47 -23.35	44.63 0.52 -34.37	44.58 0.57 -33.40	40.13 0.95 -20.85	38.49 0.97 -18.87	33.01 0.48 -23.07	24.01 0.53 -13.10	21.90 0.35 -14.33
PLSNTVLE_13_KV_13.8KVDIST 80602	21.85 0.35 -15.65	19.86 0.30 -14.42	17.86 0.31 -12.09	17.18 0.28 -11.81	17.54 0.29 -12.16	18.71 0.33 -12.41	24.53 0.41 -16.73	28.43 0.38 -21.42	23.92 0.49 -15.64	20.15 0.56 -10.89	20.76 0.56 -11.51	20.55 0.55 -11.49	20.71 0.59 -11.48	22.84 0.55 -14.13	23.71 0.51 -15.54	26.36 0.52 -18.02	31.94 0.57 -22.41	43.34 0.63 -32.96	43.34 0.69 -32.05	39.52 1.17 -20.02	37.96 1.17 -18.14	32.22 0.59 -22.17	23.59 0.62 -12.59	21.41 0.42 -13.78

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.85 0.35 -15.65	19.86 0.30 -14.42	17.86 0.31 -12.09	17.18 0.28 -11.81	17.54 0.29 -12.16	18.71 0.33 -12.41	24.53 0.41 -16.73	28.43 0.38 -21.42	23.92 0.49 -15.64	20.15 0.56 -10.89	20.76 0.56 -11.51	20.55 0.55 -11.49	20.71 0.59 -11.48	22.84 0.55 -14.13	23.71 0.51 -15.54	26.36 0.52 -18.02	31.94 0.57 -22.41	43.34 0.63 -32.96	43.34 0.69 -32.05	39.52 1.17 -20.02	37.96 1.17 -18.14	32.22 0.59 -22.17	23.59 0.62 -12.59	21.41 0.42 -13.78
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.01 0.32 -15.83	20.01 0.28 -14.59	17.98 0.29 -12.23	17.30 0.27 -11.95	17.67 0.27 -12.31	18.83 0.31 -12.55	24.69 0.38 -16.93	28.69 0.36 -21.70	23.99 0.44 -15.75	20.23 0.50 -11.04	20.85 0.50 -11.66	20.65 0.49 -11.64	20.80 0.53 -11.63	22.81 0.51 -14.15	23.57 0.47 -15.44	25.98 0.47 -17.69	31.19 0.53 -21.70	41.81 0.58 -31.49	42.32 0.66 -31.06	39.18 1.10 -19.76	38.11 1.12 -18.35	32.43 0.54 -22.43	23.71 0.59 -12.74	21.54 0.39 -13.94
POLETTI____ 23519	21.78 0.38 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.32 -12.08	18.65 0.36 -12.32	24.44 0.44 -16.62	28.30 0.42 -21.25	23.85 0.55 -15.52	20.15 0.64 -10.82	20.74 0.63 -11.43	20.54 0.62 -11.41	20.70 0.66 -11.40	22.81 0.62 -14.03	23.64 0.57 -15.41	26.24 0.55 -17.88	31.79 0.60 -22.24	43.13 0.67 -32.71	43.13 0.72 -31.81	39.41 1.23 -19.87	37.87 1.23 -17.99	32.08 0.61 -22.00	23.57 0.69 -12.50	21.38 0.48 -13.69
PORT_JEFF_3 23555	22.68 0.50 -16.32	19.89 0.43 -14.32	17.92 0.45 -12.01	17.23 0.42 -11.74	17.61 0.44 -12.08	22.28 0.47 -15.85	27.18 0.57 -19.23	29.98 0.55 -22.80	30.74 0.70 -22.24	29.96 0.77 -20.50	30.26 0.70 -20.86	31.74 0.68 -22.55	32.19 0.71 -22.83	31.98 0.64 -23.18	34.01 0.60 -25.76	44.58 0.60 -36.16	45.49 0.73 -35.80	56.74 0.81 -46.19	50.51 0.88 -39.02	43.18 1.52 -23.34	40.00 1.53 -19.83	37.74 0.75 -27.54	32.20 0.75 -21.08	29.73 0.55 -21.97
PORT_JEFF_4 23616	22.68 0.50 -16.32	19.89 0.43 -14.32	17.92 0.45 -12.01	17.23 0.42 -11.74	17.61 0.44 -12.08	22.28 0.47 -15.85	27.18 0.57 -19.23	29.98 0.55 -22.80	30.74 0.70 -22.24	29.96 0.77 -20.50	30.26 0.70 -20.86	31.74 0.68 -22.55	32.19 0.71 -22.83	31.98 0.64 -23.18	34.01 0.60 -25.76	44.58 0.60 -36.16	45.49 0.73 -35.80	56.74 0.81 -46.19	50.51 0.88 -39.02	43.18 1.52 -23.34	40.00 1.53 -19.83	37.74 0.75 -27.54	32.20 0.75 -21.08	29.73 0.55 -21.97
PORT_JEFF_IC 23713	22.70 0.52 -16.32	19.90 0.43 -14.32	17.93 0.46 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.29 0.48 -15.85	27.18 0.58 -19.23	29.99 0.56 -22.80	30.75 0.72 -22.24	29.97 0.77 -20.50	30.26 0.71 -20.86	31.76 0.70 -22.55	32.21 0.73 -22.83	32.00 0.66 -23.18	34.03 0.61 -25.76	44.61 0.63 -36.16	45.52 0.76 -35.80	56.78 0.85 -46.19	50.54 0.91 -39.02	43.21 1.56 -23.34	40.06 1.58 -19.83	37.77 0.78 -27.54	32.22 0.77 -21.08	29.74 0.56 -21.97
PPL PILGRIM_ST_GT1 24216	22.70 0.52 -16.32	19.90 0.43 -14.32	17.92 0.45 -12.01	17.23 0.42 -11.74	17.61 0.44 -12.08	22.30 0.48 -15.85	27.20 0.59 -19.23	30.00 0.57 -22.80	30.75 0.72 -22.24	29.98 0.78 -20.50	30.30 0.75 -20.86	31.78 0.72 -22.55	32.23 0.74 -22.83	32.03 0.69 -23.18	34.06 0.64 -25.76	44.62 0.64 -36.16	45.53 0.77 -35.80	56.74 0.81 -46.19	50.52 0.89 -39.02	43.20 1.54 -23.34	40.02 1.55 -19.83	37.79 0.79 -27.54	32.27 0.81 -21.08	29.77 0.58 -21.97
PPL PILGRIM_ST_GT2 24217	22.70 0.52 -16.32	19.90 0.43 -14.32	17.92 0.45 -12.01	17.23 0.42 -11.74	17.61 0.44 -12.08	22.30 0.48 -15.85	27.20 0.59 -19.23	30.00 0.57 -22.80	30.75 0.72 -22.24	29.98 0.78 -20.50	30.30 0.75 -20.86	31.78 0.72 -22.55	32.23 0.74 -22.83	32.03 0.69 -23.18	34.06 0.64 -25.76	44.62 0.64 -36.16	45.53 0.77 -35.80	56.74 0.81 -46.19	50.52 0.89 -39.02	43.20 1.54 -23.34	40.02 1.55 -19.83	37.79 0.79 -27.54	32.27 0.81 -21.08	29.77 0.58 -21.97
PPL_SHRM_GT3 24213	22.67 0.49 -16.32	19.89 0.42 -14.32	17.92 0.45 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.27 0.46 -15.85	27.14 0.53 -19.23	29.91 0.48 -22.80	30.67 0.63 -22.24	29.93 0.74 -20.50	30.10 0.55 -20.86	31.59 0.53 -22.55	32.04 0.56 -22.83	31.85 0.51 -23.18	33.89 0.48 -25.76	44.47 0.49 -36.16	45.37 0.61 -35.80	56.62 0.69 -46.19	50.38 0.75 -39.02	42.96 1.30 -23.34	39.78 1.30 -19.83	37.62 0.62 -27.54	32.09 0.63 -21.08	29.65 0.46 -21.97
PPL_SHRM_GT4 24214	22.67 0.49 -16.32	19.89 0.42 -14.32	17.92 0.45 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.27 0.46 -15.85	27.14 0.53 -19.23	29.91 0.48 -22.80	30.67 0.63 -22.24	29.93 0.74 -20.50	30.10 0.55 -20.86	31.59 0.53 -22.55	32.04 0.56 -22.83	31.85 0.51 -23.18	33.89 0.48 -25.76	44.47 0.49 -36.16	45.37 0.61 -35.80	56.62 0.69 -46.19	50.38 0.75 -39.02	42.96 1.30 -23.34	39.78 1.30 -19.83	37.62 0.62 -27.54	32.09 0.63 -21.08	29.65 0.46 -21.97
PROJECT____ORANGE 1 24174	7.54 -0.02 -1.70	6.69 -0.02 -1.57	6.77 -0.01 -1.32	6.32 -0.05 -1.29	6.38 -0.04 -1.32	7.29 -0.02 -1.35	9.18 -0.02 -1.82	8.90 -0.06 -2.33	9.38 -0.09 -1.68	9.77 -0.10 -1.18	9.84 -0.09 -1.24	9.66 -0.09 -1.24	9.77 -0.11 -1.24	9.58 -0.08 -1.51	9.24 -0.06 -1.64	9.64 -0.06 -1.88	11.19 -0.08 -2.31	12.99 -0.11 -3.36	13.80 -0.12 -3.31	20.24 -0.18 -2.11	20.44 -0.17 -1.96	11.76 -0.09 -2.39	11.66 -0.07 -1.36	8.69 -0.01 -1.49
PROJECT____ORANGE 2 24166	7.54 -0.02 -1.70	6.69 -0.02 -1.57	6.77 -0.01 -1.32	6.32 -0.05 -1.29	6.38 -0.04 -1.32	7.29 -0.02 -1.35	9.18 -0.02 -1.82	8.90 -0.06 -2.33	9.38 -0.09 -1.68	9.77 -0.10 -1.18	9.84 -0.09 -1.24	9.66 -0.09 -1.24	9.77 -0.11 -1.24	9.58 -0.08 -1.51	9.24 -0.06 -1.64	9.64 -0.06 -1.88	11.19 -0.08 -2.31	12.99 -0.11 -3.36	13.80 -0.12 -3.31	20.24 -0.18 -2.11	20.44 -0.17 -1.96	11.76 -0.09 -2.39	11.66 -0.07 -1.36	8.69 -0.01 -1.49
PUCKETT____SOLAR 323809	11.33 0.20 -5.27	10.18 0.18 -4.86	9.73 0.19 -4.07	9.19 0.13 -3.98	9.33 0.15 -4.10	10.33 0.19 -4.18	13.26 0.24 -5.64	13.99 0.15 -7.21	13.20 0.12 -5.29	12.51 0.11 -3.71	12.68 0.08 -3.92	12.50 0.08 -3.91	12.61 0.05 -3.91	12.97 0.06 -4.75	12.91 0.07 -5.18	13.85 0.09 -5.94	16.39 0.13 -7.30	20.50 0.17 -10.59	21.26 0.21 -10.44	25.46 0.49 -6.64	25.32 0.50 -6.17	17.23 0.23 -7.55	14.93 0.27 -4.28	12.14 0.24 -4.69
PYRITES____HYD 24023	5.78 -0.08 0.00	5.09 -0.06 0.00	5.39 -0.08 0.00	5.02 -0.06 0.00	5.04 -0.05 0.00	5.91 -0.05 0.00	7.36 -0.01 0.00	6.62 -0.01 0.00	7.74 -0.05 0.00	8.66 -0.03 0.00	8.59 -0.10 0.00	8.40 -0.11 0.00	8.60 -0.05 0.00	8.04 -0.11 0.00	7.48 -0.18 0.00	7.63 -0.19 0.00	8.76 -0.20 0.00	9.61 -0.14 0.00	10.47 -0.14 0.00	18.10 -0.22 0.00	18.50 -0.15 0.00	9.39 -0.07 0.00	10.30 -0.08 0.00	7.13 -0.09 0.00
QUAKERRD_115KV_BK1 80622	7.87 -0.12 -2.13	7.00 -0.11 -1.96	7.02 -0.09 -1.65	6.57 -0.12 -1.61	6.64 -0.11 -1.66	7.54 -0.12 -1.69	9.50 -0.16 -2.28	9.34 -0.21 -2.92	9.55 -0.28 -2.04	9.80 -0.32 -1.43	9.90 -0.30 -1.51	9.72 -0.30 -1.51	9.81 -0.35 -1.51	9.69 -0.30 -1.84	9.39 -0.28 -2.00	9.82 -0.30 -2.29	11.44 -0.34 -2.82	13.42 -0.42 -4.09	14.18 -0.46 -4.04	20.08 -0.81 -2.57	20.21 -0.82 -2.38	12.01 -0.36 -2.92	11.69 -0.34 -1.66	8.90 -0.13 -1.81

QUENSBRY_115KV_TB8 356137	26.27 0.34 -20.07	23.93 0.29 -18.49	21.32 0.35 -15.51	20.56 0.32 -15.16	21.02 0.33 -15.60	22.29 0.41 -15.92	29.40 0.55 -21.47	34.61 0.50 -27.48	28.23 0.58 -19.86	23.26 0.59 -13.97	24.04 0.59 -14.76	23.84 0.59 -14.74	23.89 0.52 -14.72	26.41 0.49 -17.76	27.39 0.47 -19.26	30.14 0.45 -21.86	36.11 0.54 -26.61	48.56 0.62 -38.19	49.38 0.67 -38.11	44.17 1.26 -24.59	43.18 1.27 -23.26	38.50 0.61 -28.44	27.24 0.72 -16.15	25.34 0.46 -17.67
RAMAPO____LBMP 323565	21.09 0.32 -14.91	19.16 0.27 -13.74	17.27 0.28 -11.52	16.60 0.26 -11.26	16.95 0.27 -11.59	18.09 0.30 -11.82	23.71 0.38 -15.95	27.39 0.35 -20.41	23.15 0.45 -14.90	19.60 0.52 -10.38	20.17 0.51 -10.97	19.97 0.51 -10.95	20.13 0.54 -10.94	22.13 0.51 -13.46	22.94 0.48 -14.80	25.45 0.48 -17.15	30.82 0.54 -21.33	41.68 0.58 -31.35	41.74 0.64 -30.50	38.47 1.08 -19.07	37.01 1.08 -17.28	31.13 0.54 -21.13	22.96 0.58 -12.00	20.73 0.39 -13.13
RANKINE____ 23646	8.80 0.01 -2.93	7.86 0.02 -2.70	7.77 0.04 -2.27	7.30 0.01 -2.21	7.39 0.02 -2.28	8.30 0.01 -2.33	10.46 -0.05 -3.14	10.44 -0.21 -4.01	10.47 -0.26 -2.93	10.45 -0.30 -2.06	10.60 -0.26 -2.17	10.44 -0.24 -2.17	10.50 -0.31 -2.17	10.54 -0.25 -2.64	10.31 -0.23 -2.88	10.84 -0.28 -3.30	12.70 -0.31 -4.05	15.17 -0.46 -5.88	15.93 -0.48 -5.80	21.09 -0.92 -3.69	21.09 -0.99 -3.43	13.28 -0.37 -4.19	12.47 -0.29 -2.38	9.83 0.01 -2.60
RAVENSWOOD_GT2_1 24244	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.33 0.43 -21.27	23.88 0.56 -15.53	20.16 0.65 -10.82	20.75 0.63 -11.43	20.56 0.64 -11.41	20.71 0.67 -11.40	22.82 0.63 -14.03	23.67 0.58 -15.43	26.28 0.57 -17.89	31.84 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.59 0.71 -12.50	21.39 0.48 -13.69
RAVENSWOOD_GT2_2 24245	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.33 0.43 -21.27	23.88 0.56 -15.53	20.16 0.65 -10.82	20.75 0.63 -11.43	20.56 0.64 -11.41	20.71 0.67 -11.40	22.82 0.63 -14.03	23.67 0.58 -15.43	26.28 0.57 -17.89	31.84 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.59 0.71 -12.50	21.39 0.48 -13.69
RAVENSWOOD_GT2_3 24246	21.78 0.39 -15.54	19.80 0.34 -14.32	17.82 0.35 -12.00	17.13 0.32 -11.73	17.50 0.33 -12.08	18.66 0.38 -12.32	24.46 0.47 -16.62	28.34 0.44 -21.27	23.89 0.57 -15.53	20.16 0.65 -10.82	20.76 0.64 -11.43	20.56 0.64 -11.41	20.72 0.68 -11.40	22.83 0.64 -14.03	23.67 0.58 -15.43	26.28 0.57 -17.89	31.84 0.63 -22.25	43.16 0.69 -32.73	43.18 0.75 -31.82	39.47 1.26 -19.88	37.94 1.29 -18.01	32.12 0.64 -22.02	23.60 0.72 -12.50	21.39 0.49 -13.69
RAVENSWOOD_GT2_4 24247	21.78 0.39 -15.54	19.80 0.34 -14.32	17.82 0.35 -12.00	17.13 0.32 -11.73	17.50 0.33 -12.08	18.66 0.38 -12.32	24.46 0.47 -16.62	28.34 0.44 -21.27	23.89 0.57 -15.53	20.16 0.65 -10.82	20.76 0.64 -11.43	20.56 0.64 -11.41	20.72 0.68 -11.40	22.83 0.64 -14.03	23.67 0.58 -15.43	26.28 0.57 -17.89	31.84 0.63 -22.25	43.16 0.69 -32.73	43.18 0.75 -31.82	39.47 1.26 -19.88	37.94 1.29 -18.01	32.12 0.64 -22.02	23.60 0.72 -12.50	21.39 0.49 -13.69
RAVENSWOOD_GT3_1 24248	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.33 0.43 -21.27	23.88 0.56 -15.53	20.16 0.65 -10.82	20.75 0.63 -11.43	20.56 0.64 -11.41	20.71 0.67 -11.40	22.82 0.63 -14.03	23.67 0.58 -15.43	26.28 0.57 -17.89	31.84 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.59 0.71 -12.50	21.39 0.48 -13.69
RAVENSWOOD_GT3_2 24249	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.33 0.43 -21.27	23.88 0.56 -15.53	20.16 0.65 -10.82	20.75 0.63 -11.43	20.56 0.64 -11.41	20.71 0.67 -11.40	22.82 0.63 -14.03	23.67 0.58 -15.43	26.28 0.57 -17.89	31.84 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.59 0.71 -12.50	21.39 0.48 -13.69
RAVENSWOOD_GT3_3 24250	21.79 0.39 -15.54	19.80 0.34 -14.32	17.82 0.35 -12.00	17.14 0.33 -11.73	17.50 0.33 -12.08	18.66 0.38 -12.32	24.46 0.47 -16.62	28.34 0.44 -21.27	23.90 0.58 -15.53	20.17 0.66 -10.82	20.77 0.65 -11.43	20.57 0.65 -11.41	20.73 0.68 -11.40	22.84 0.64 -14.03	23.68 0.59 -15.43	26.29 0.58 -17.89	31.84 0.64 -22.25	43.17 0.70 -32.73	43.19 0.76 -31.82	39.49 1.28 -19.88	37.96 1.30 -18.01	32.13 0.65 -22.02	23.60 0.72 -12.50	21.39 0.49 -13.69
RAVENSWOOD_GT3_4 24251	21.79 0.39 -15.54	19.80 0.34 -14.32	17.82 0.35 -12.00	17.14 0.33 -11.73	17.50 0.33 -12.08	18.66 0.38 -12.32	24.46 0.47 -16.62	28.34 0.44 -21.27	23.90 0.58 -15.53	20.17 0.66 -10.82	20.77 0.65 -11.43	20.57 0.65 -11.41	20.73 0.68 -11.40	22.84 0.64 -14.03	23.68 0.59 -15.43	26.29 0.58 -17.89	31.84 0.64 -22.25	43.17 0.70 -32.73	43.19 0.76 -31.82	39.49 1.28 -19.88	37.96 1.30 -18.01	32.13 0.65 -22.02	23.60 0.72 -12.50	21.39 0.49 -13.69
RAVENSWOOD_GT_1 23729	21.81 0.42 -15.54	19.82 0.35 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.49 -16.62	28.38 0.47 -21.28	23.93 0.60 -15.54	20.22 0.70 -10.83	20.81 0.68 -11.44	20.61 0.68 -11.42	20.77 0.72 -11.41	26.16 0.67 -17.33	23.72 0.62 -15.44	26.33 0.61 -17.90	31.89 0.67 -22.26	43.21 0.74 -32.73	43.22 0.80 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.64 0.76 -12.50	21.42 0.52 -13.69
RAVENSWOOD_GT_10 24258	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.33 0.43 -21.27	23.88 0.56 -15.53	20.16 0.65 -10.82	20.75 0.63 -11.43	20.56 0.64 -11.41	20.71 0.67 -11.40	22.53 0.63 -13.74	23.66 0.57 -15.43	26.28 0.56 -17.89	31.83 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.59 0.71 -12.50	21.39 0.48 -13.69
RAVENSWOOD_GT_11 24259	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.33 0.43 -21.27	23.88 0.56 -15.53	20.16 0.65 -10.82	20.75 0.63 -11.43	20.56 0.64 -11.41	20.71 0.67 -11.40	22.53 0.63 -13.74	23.66 0.57 -15.43	26.28 0.56 -17.89	31.83 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.59 0.71 -12.50	21.39 0.48 -13.69
RAVENSWOOD_GT_4 24252	21.78 0.38 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.32 0.43 -21.26	23.88 0.56 -15.53	20.15 0.64 -10.81	20.74 0.63 -11.43	20.55 0.63 -11.41	20.71 0.67 -11.39	20.89 0.63 -12.10	23.66 0.57 -15.42	26.27 0.56 -17.89	31.82 0.62 -22.25	43.15 0.68 -32.73	43.17 0.74 -31.82	39.45 1.25 -19.88	37.93 1.27 -18.01	32.11 0.63 -22.02	23.58 0.70 -12.50	21.38 0.48 -13.69

RAVENSWOOD_GT_5 24254	21.78 0.38 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.32 0.43 -21.26	23.88 0.56 -15.53	20.15 0.64 -10.81	20.74 0.63 -11.43	20.55 0.63 -11.41	20.71 0.67 -11.39	20.89 0.63 -12.10	23.66 0.57 -15.42	26.27 0.56 -17.89	31.82 0.62 -22.25	43.15 0.68 -32.73	43.17 0.74 -31.82	39.45 1.25 -19.88	37.93 1.27 -18.01	32.11 0.63 -22.02	23.58 0.70 -12.50	21.38 0.48 -13.69
RAVENSWOOD_GT_6 24253	21.78 0.38 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.32 0.43 -21.26	23.88 0.56 -15.53	20.15 0.64 -10.81	20.74 0.63 -11.43	20.55 0.63 -11.41	20.71 0.67 -11.39	20.89 0.63 -12.10	23.66 0.57 -15.42	26.27 0.56 -17.89	31.82 0.62 -22.25	43.15 0.68 -32.73	43.17 0.74 -31.82	39.45 1.25 -19.88	37.93 1.27 -18.01	32.11 0.63 -22.02	23.58 0.70 -12.50	21.38 0.48 -13.69
RAVENSWOOD_GT_7 24255	21.78 0.38 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.32 0.43 -21.26	23.88 0.56 -15.53	20.15 0.64 -10.81	20.74 0.63 -11.43	20.55 0.63 -11.41	20.71 0.67 -11.39	20.89 0.63 -12.10	23.66 0.57 -15.42	26.27 0.56 -17.89	31.82 0.62 -22.25	43.15 0.68 -32.73	43.17 0.74 -31.82	39.45 1.25 -19.88	37.93 1.27 -18.01	32.11 0.63 -22.02	23.58 0.70 -12.50	21.38 0.48 -13.69
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.33 0.43 -21.27	23.88 0.56 -15.53	20.16 0.65 -10.82	20.75 0.63 -11.43	20.56 0.64 -11.41	20.71 0.67 -11.40	22.53 0.63 -13.74	23.66 0.57 -15.43	26.28 0.56 -17.89	31.83 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.59 0.71 -12.50	21.39 0.48 -13.69
RAVENSWOOD_GT_9 24257	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.33 0.43 -21.27	23.88 0.56 -15.53	20.16 0.65 -10.82	20.75 0.63 -11.43	20.56 0.64 -11.41	20.71 0.67 -11.40	22.53 0.63 -13.74	23.66 0.57 -15.43	26.28 0.56 -17.89	31.83 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.59 0.71 -12.50	21.39 0.48 -13.69
RAVENSWOOD___1 23533	21.81 0.41 -15.54	19.82 0.35 -14.32	17.83 0.36 -12.00	17.15 0.34 -11.73	17.51 0.34 -12.08	18.67 0.39 -12.32	24.48 0.49 -16.62	28.37 0.46 -21.28	23.93 0.60 -15.54	20.21 0.69 -10.83	20.80 0.68 -11.44	20.60 0.67 -11.42	20.76 0.71 -11.40	25.76 0.67 -16.93	23.71 0.61 -15.44	26.33 0.60 -17.90	31.88 0.66 -22.26	43.20 0.73 -32.73	43.21 0.78 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.17 0.68 -22.03	23.63 0.75 -12.50	21.41 0.51 -13.69
RAVENSWOOD___2 23534	21.81 0.41 -15.54	19.81 0.35 -14.32	17.83 0.36 -12.00	17.14 0.33 -11.73	17.51 0.34 -12.08	18.67 0.38 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.21 0.69 -10.83	20.80 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.74 0.66 -16.92	23.71 0.61 -15.44	26.32 0.60 -17.90	31.88 0.66 -22.26	43.20 0.73 -32.73	43.21 0.78 -31.82	39.50 1.30 -19.88	37.98 1.32 -18.01	32.17 0.68 -22.03	23.63 0.75 -12.50	21.41 0.51 -13.69
RAVENSWOOD___3 23535	21.78 0.39 -15.54	19.79 0.33 -14.32	17.81 0.34 -12.00	17.13 0.32 -11.73	17.49 0.33 -12.08	18.66 0.37 -12.32	24.45 0.46 -16.62	28.34 0.44 -21.27	23.88 0.56 -15.53	20.16 0.65 -10.82	20.75 0.63 -11.43	20.56 0.64 -11.41	20.71 0.67 -11.40	22.82 0.63 -14.03	23.67 0.58 -15.43	26.28 0.57 -17.89	31.84 0.63 -22.25	43.16 0.69 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.12 0.64 -22.02	23.59 0.71 -12.50	21.39 0.48 -13.69
RAVENSWOOD___4 23820	21.80 0.40 -15.54	19.81 0.35 -14.32	17.82 0.35 -12.00	17.14 0.33 -11.73	17.51 0.34 -12.08	18.67 0.38 -12.32	24.48 0.48 -16.62	28.36 0.46 -21.28	23.92 0.59 -15.54	20.20 0.69 -10.83	20.79 0.67 -11.44	20.60 0.67 -11.42	20.75 0.70 -11.40	25.35 0.66 -16.53	23.70 0.60 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.20 0.73 -32.73	43.20 0.77 -31.82	39.50 1.30 -19.88	37.98 1.32 -18.01	32.17 0.68 -22.03	23.63 0.75 -12.50	21.41 0.51 -13.69
RCPL_TRUST___DRP 24196	21.79 0.39 -15.54	19.80 0.34 -14.32	17.82 0.35 -12.00	17.13 0.32 -11.73	17.50 0.33 -12.08	18.66 0.38 -12.32	24.47 0.47 -16.62	28.34 0.44 -21.27	23.90 0.58 -15.53	20.18 0.67 -10.82	20.77 0.65 -11.43	20.57 0.65 -11.41	20.73 0.68 -11.40	22.84 0.64 -14.03	23.68 0.59 -15.43	26.29 0.58 -17.89	31.84 0.64 -22.25	43.18 0.71 -32.73	43.19 0.76 -31.82	39.50 1.30 -19.88	37.96 1.31 -18.01	32.13 0.65 -22.02	23.60 0.72 -12.50	21.39 0.49 -13.69
RED___ROCHESTER 323720	8.10 0.05 -2.19	7.19 0.03 -2.02	7.22 0.07 -1.69	6.76 0.02 -1.65	6.83 0.04 -1.70	7.75 0.05 -1.74	9.76 0.04 -2.34	9.60 -0.03 -3.00	9.86 -0.07 -2.14	10.09 -0.10 -1.50	10.19 -0.09 -1.59	10.03 -0.06 -1.58	10.12 -0.11 -1.58	10.01 -0.07 -1.93	9.69 -0.07 -2.10	10.14 -0.09 -2.41	11.82 -0.10 -2.96	13.86 -0.18 -4.29	14.65 -0.19 -4.23	20.66 -0.35 -2.69	20.79 -0.35 -2.50	12.41 -0.10 -3.06	12.04 -0.07 -1.74	9.21 0.09 -1.90
REGAN___SOLAR 323812	29.12 0.50 -22.77	26.55 0.43 -20.98	23.51 0.46 -17.59	22.68 0.41 -17.19	23.20 0.42 -17.70	24.55 0.54 -18.05	32.47 0.74 -24.35	38.35 0.56 -31.17	30.99 0.63 -22.57	25.19 0.65 -15.85	25.99 0.56 -16.75	25.76 0.53 -16.72	25.87 0.53 -16.70	28.87 0.50 -20.22	30.13 0.49 -21.98	33.42 0.55 -25.05	40.23 0.66 -30.61	54.70 0.82 -44.14	55.36 0.93 -43.82	48.22 1.80 -28.11	46.82 1.79 -26.38	42.55 0.83 -32.26	29.76 1.06 -18.32	27.96 0.70 -20.04
RENSSELAER___COGEN 23796	25.32 0.23 -19.23	23.07 0.21 -17.72	20.54 0.22 -14.85	19.80 0.20 -14.52	20.24 0.20 -14.95	21.45 0.24 -15.25	28.24 0.30 -20.56	33.20 0.25 -26.32	27.11 0.30 -19.02	22.41 0.33 -13.38	23.16 0.33 -14.14	22.95 0.32 -14.12	23.07 0.32 -14.10	25.48 0.31 -17.01	26.40 0.29 -18.45	29.07 0.30 -20.95	34.81 0.36 -25.50	46.73 0.39 -36.60	47.53 0.41 -36.51	42.59 0.71 -23.55	41.66 0.73 -22.28	37.08 0.38 -27.24	26.27 0.43 -15.47	24.44 0.30 -16.93
REPUBLIC_115KV_BARTNBRK 55605	26.46 0.54 -20.06	24.09 0.47 -18.48	21.49 0.54 -15.49	20.71 0.49 -15.14	21.18 0.50 -15.59	22.50 0.63 -15.90	29.70 0.87 -21.45	34.87 0.79 -27.45	28.54 0.91 -19.84	23.60 0.95 -13.96	24.34 0.90 -14.75	24.15 0.91 -14.73	24.19 0.84 -14.71	26.69 0.79 -17.74	27.66 0.76 -19.24	30.48 0.82 -21.84	36.50 0.97 -26.58	48.98 1.10 -38.14	49.83 1.17 -38.06	45.06 2.18 -24.56	44.11 2.22 -23.24	38.92 1.05 -28.42	27.70 1.18 -16.13	25.63 0.76 -17.65
REVERE_CPPR_DRP 24186	6.98 0.17 -0.95	6.18 0.16 -0.88	6.36 0.16 -0.73	5.90 0.10 -0.72	5.94 0.11 -0.74	6.87 0.16 -0.75	8.61 0.21 -1.02	8.07 0.14 -1.30	8.85 0.12 -0.94	9.50 0.15 -0.66	9.49 0.10 -0.70	9.31 0.11 -0.70	9.45 0.10 -0.69	9.09 0.09 -0.84	8.66 0.08 -0.92	9.02 0.14 -1.06	10.45 0.20 -1.30	11.89 0.26 -1.88	12.76 0.30 -1.86	20.21 0.71 -1.18	20.47 0.73 -1.10	11.07 0.27 -1.34	11.45 0.31 -0.76	8.28 0.23 -0.83

REYNOLDS_115KV_TB3 80639	25.32 0.23 -19.23	23.07 0.21 -17.72	20.54 0.22 -14.86	19.80 0.20 -14.52	20.23 0.20 -14.95	21.45 0.24 -15.25	28.22 0.28 -20.57	33.19 0.24 -26.32	27.09 0.29 -19.01	22.40 0.32 -13.38	23.16 0.33 -14.14	22.95 0.32 -14.12	23.05 0.30 -14.10	25.43 0.29 -16.98	26.34 0.28 -18.40	28.96 0.30 -20.84	34.62 0.34 -25.32	46.38 0.37 -36.27	47.26 0.39 -36.27	42.47 0.68 -23.47	41.62 0.69 -22.28	37.06 0.36 -27.24	26.25 0.40 -15.47	24.43 0.29 -16.93
RIVERBAY____ 323610	21.91 0.50 -15.55	19.94 0.48 -14.32	17.99 0.52 -12.00	17.30 0.49 -11.73	17.66 0.50 -12.08	18.71 0.42 -12.32	24.39 0.39 -16.62	28.15 0.25 -21.27	23.66 0.34 -15.53	19.93 0.42 -10.82	20.48 0.36 -11.43	20.28 0.36 -11.41	20.43 0.39 -11.40	22.56 0.37 -14.03	23.42 0.33 -15.43	26.03 0.32 -17.89	31.56 0.35 -22.25	42.88 0.41 -32.73	42.87 0.45 -31.82	38.95 0.75 -19.88	37.40 0.75 -18.01	31.85 0.37 -22.02	23.50 0.62 -12.50	21.44 0.54 -13.69
RIVERSDE_115KV_TB3 55908	25.34 0.24 -19.24	23.08 0.21 -17.73	20.56 0.23 -14.86	19.81 0.20 -14.53	20.24 0.20 -14.95	21.46 0.24 -15.25	28.25 0.30 -20.58	33.21 0.25 -26.33	27.12 0.30 -19.02	22.42 0.34 -13.39	23.18 0.34 -14.15	22.97 0.33 -14.13	23.07 0.32 -14.11	25.47 0.31 -17.00	26.38 0.30 -18.42	29.02 0.31 -20.89	34.72 0.37 -25.39	46.53 0.40 -36.39	47.38 0.41 -36.36	42.55 0.71 -23.51	41.67 0.73 -22.29	37.09 0.38 -27.26	26.28 0.43 -15.48	24.44 0.30 -16.93
ROARING____BROOK_WT_PWR 323790	5.69 -0.16 0.00	5.01 -0.14 0.00	5.32 -0.14 0.00	4.97 -0.11 0.00	4.98 -0.10 0.00	5.85 -0.11 0.00	7.26 -0.12 0.00	6.54 -0.09 0.00	7.69 -0.10 0.00	8.58 -0.11 0.00	8.57 -0.11 0.00	8.39 -0.12 0.00	8.54 -0.11 0.00	8.05 -0.11 0.00	7.55 -0.11 0.00	7.71 -0.11 0.00	8.83 -0.13 0.00	9.62 -0.13 0.00	10.47 -0.14 0.00	18.04 -0.27 0.00	18.35 -0.30 0.00	9.30 -0.16 0.00	10.20 -0.18 0.00	7.09 -0.12 0.00
ROCHESRG_115KV_T4 355643	8.04 0.00 -2.18	7.14 -0.01 -2.01	7.16 0.02 -1.68	6.71 -0.02 -1.65	6.78 0.00 -1.69	7.69 0.00 -1.73	9.68 -0.03 -2.33	9.51 -0.10 -2.98	9.77 -0.16 -2.13	9.99 -0.20 -1.49	10.10 -0.17 -1.58	9.93 -0.15 -1.58	10.02 -0.21 -1.57	9.90 -0.17 -1.92	9.59 -0.16 -2.09	10.04 -0.18 -2.40	11.69 -0.21 -2.94	13.72 -0.29 -4.27	14.50 -0.32 -4.21	20.43 -0.57 -2.68	20.56 -0.58 -2.49	12.28 -0.22 -3.04	11.93 -0.18 -1.73	9.12 0.01 -1.89
ROCHESTER_9_IC 23652	8.08 0.03 -2.19	7.17 0.01 -2.02	7.20 0.04 -1.69	6.74 0.01 -1.65	6.81 0.02 -1.70	7.73 0.03 -1.74	9.74 0.01 -2.34	9.57 -0.06 -3.00	9.83 -0.11 -2.14	10.05 -0.15 -1.50	10.16 -0.11 -1.59	9.99 -0.10 -1.58	10.07 -0.16 -1.58	9.96 -0.12 -1.93	9.64 -0.11 -2.10	10.10 -0.13 -2.41	11.77 -0.14 -2.96	13.80 -0.23 -4.29	14.58 -0.25 -4.23	20.55 -0.46 -2.69	20.68 -0.47 -2.50	12.36 -0.15 -3.06	11.99 -0.12 -1.74	9.17 0.06 -1.90
ROCKVIEW_13_KV_LD 356306	21.76 0.36 -15.54	19.77 0.31 -14.32	17.79 0.32 -12.00	17.11 0.30 -11.73	17.47 0.31 -12.08	18.64 0.35 -12.32	24.44 0.44 -16.62	28.32 0.42 -21.27	23.86 0.54 -15.53	20.12 0.61 -10.82	20.73 0.61 -11.43	20.53 0.60 -11.41	20.68 0.63 -11.40	22.80 0.60 -14.03	23.65 0.56 -15.43	26.27 0.56 -17.89	31.83 0.62 -22.25	43.15 0.68 -32.73	43.17 0.74 -31.82	39.47 1.26 -19.88	37.93 1.27 -18.01	32.11 0.63 -22.02	23.55 0.66 -12.50	21.34 0.45 -13.68
ROME____115KV_TB2 80656	6.98 0.17 -0.95	6.18 0.16 -0.88	6.36 0.16 -0.73	5.90 0.10 -0.72	5.94 0.11 -0.74	6.87 0.16 -0.75	8.61 0.21 -1.02	8.07 0.14 -1.30	8.85 0.12 -0.94	9.50 0.15 -0.66	9.49 0.10 -0.70	9.31 0.11 -0.70	9.45 0.10 -0.69	9.09 0.09 -0.84	8.66 0.08 -0.92	9.02 0.14 -1.06	10.45 0.20 -1.30	11.89 0.26 -1.88	12.76 0.30 -1.86	20.21 0.71 -1.18	20.47 0.73 -1.10	11.07 0.27 -1.34	11.45 0.31 -0.76	8.28 0.23 -0.83
ROSETON____1 23587	21.53 0.30 -15.38	19.57 0.26 -14.17	17.61 0.27 -11.88	16.94 0.24 -11.61	17.29 0.25 -11.95	18.44 0.29 -12.19	24.18 0.35 -16.44	28.00 0.32 -21.05	23.58 0.42 -15.37	19.87 0.48 -10.70	20.47 0.48 -11.31	20.28 0.48 -11.29	20.42 0.49 -11.28	22.51 0.47 -13.88	23.35 0.44 -15.26	25.94 0.43 -17.69	31.44 0.48 -22.00	42.63 0.54 -32.35	42.65 0.58 -31.46	38.97 0.99 -19.66	37.47 1.01 -17.82	31.74 0.49 -21.79	23.29 0.54 -12.37	21.11 0.36 -13.53
ROSETON____2 23588	21.53 0.30 -15.38	19.57 0.26 -14.17	17.61 0.27 -11.88	16.94 0.24 -11.61	17.29 0.25 -11.95	18.44 0.29 -12.19	24.18 0.35 -16.44	28.00 0.32 -21.05	23.58 0.42 -15.37	19.87 0.48 -10.70	20.47 0.48 -11.31	20.28 0.48 -11.29	20.42 0.49 -11.28	22.51 0.47 -13.88	23.35 0.44 -15.26	25.94 0.43 -17.69	31.44 0.48 -22.00	42.63 0.54 -32.35	42.65 0.58 -31.46	38.97 0.99 -19.66	37.47 1.01 -17.82	31.74 0.49 -21.79	23.29 0.54 -12.37	21.11 0.36 -13.53
ROTTSDAM_115KV_TB3 80664	26.43 0.22 -20.35	24.09 0.19 -18.75	21.40 0.21 -15.72	20.64 0.19 -15.37	21.10 0.19 -15.82	22.34 0.23 -16.14	29.44 0.30 -21.77	34.74 0.25 -27.86	28.24 0.30 -20.15	23.19 0.33 -14.17	23.98 0.32 -14.97	23.77 0.31 -14.95	23.88 0.30 -14.92	26.49 0.29 -18.04	27.53 0.28 -19.59	30.40 0.29 -22.29	36.48 0.34 -27.19	49.23 0.37 -39.12	49.93 0.40 -38.92	44.09 0.73 -25.03	42.96 0.73 -23.59	38.66 0.37 -28.84	27.17 0.42 -16.37	25.41 0.28 -17.92
RUSSELL____1 23602	8.10 0.05 -2.19	7.19 0.03 -2.02	7.22 0.07 -1.69	6.76 0.02 -1.65	6.83 0.04 -1.70	7.75 0.05 -1.74	9.76 0.04 -2.34	9.60 -0.03 -3.00	9.86 -0.07 -2.14	10.09 -0.10 -1.50	10.20 -0.07 -1.59	10.03 -0.06 -1.58	10.13 -0.10 -1.58	10.01 -0.07 -1.93	9.69 -0.07 -2.10	10.14 -0.09 -2.41	11.82 -0.10 -2.96	13.86 -0.18 -4.29	14.65 -0.19 -4.23	20.66 -0.35 -2.69	20.79 -0.35 -2.50	12.41 -0.10 -3.06	12.04 -0.07 -1.74	9.21 0.09 -1.90
RUSSELL____2 23532	8.10 0.05 -2.19	7.19 0.03 -2.02	7.22 0.07 -1.69	6.76 0.02 -1.65	6.83 0.04 -1.70	7.75 0.05 -1.74	9.76 0.04 -2.34	9.60 -0.03 -3.00	9.86 -0.07 -2.14	10.09 -0.10 -1.50	10.20 -0.07 -1.59	10.03 -0.06 -1.58	10.13 -0.10 -1.58	10.01 -0.07 -1.93	9.69 -0.07 -2.10	10.14 -0.09 -2.41	11.82 -0.10 -2.96	13.86 -0.18 -4.29	14.65 -0.19 -4.23	20.66 -0.35 -2.69	20.79 -0.35 -2.50	12.41 -0.10 -3.06	12.04 -0.07 -1.74	9.21 0.09 -1.90
RUSSELL____3 23549	8.10 0.05 -2.19	7.19 0.03 -2.02	7.22 0.07 -1.69	6.76 0.02 -1.65	6.83 0.04 -1.70	7.75 0.05 -1.74	9.76 0.04 -2.34	9.60 -0.03 -3.00	9.86 -0.07 -2.14	10.09 -0.10 -1.50	10.20 -0.07 -1.59	10.03 -0.06 -1.58	10.13 -0.10 -1.58	10.01 -0.07 -1.93	9.69 -0.07 -2.10	10.14 -0.09 -2.41	11.82 -0.10 -2.96	13.86 -0.18 -4.29	14.65 -0.19 -4.23	20.66 -0.35 -2.69	20.79 -0.35 -2.50	12.41 -0.10 -3.06	12.04 -0.07 -1.74	9.21 0.09 -1.90
RUSSELL____4 23556	8.10 0.05 -2.19	7.19 0.03 -2.02	7.22 0.07 -1.69	6.76 0.02 -1.65	6.83 0.04 -1.70	7.75 0.05 -1.74	9.76 0.04 -2.34	9.60 -0.03 -3.00	9.86 -0.07 -2.14	10.09 -0.10 -1.50	10.20 -0.07 -1.59	10.03 -0.06 -1.58	10.13 -0.10 -1.58	10.01 -0.07 -1.93	9.69 -0.07 -2.10	10.14 -0.09 -2.41	11.82 -0.10 -2.96	13.86 -0.18 -4.29	14.65 -0.19 -4.23	20.66 -0.35 -2.69	20.79 -0.35 -2.50	12.41 -0.10 -3.06	12.04 -0.07 -1.74	9.21 0.09 -1.90

RUSSELL___STATION 23914	8.10 0.05 -2.19	7.19 0.03 -2.02	7.22 0.07 -1.69	6.76 0.02 -1.65	6.83 0.04 -1.70	7.75 0.05 -1.74	9.76 0.04 -2.34	9.60 -0.03 -3.00	9.86 -0.07 -2.14	10.09 -0.10 -1.50	10.20 -0.07 -1.59	10.03 -0.06 -1.58	10.13 -0.10 -1.58	10.01 -0.07 -1.93	9.69 -0.07 -2.10	10.14 -0.09 -2.41	11.82 -0.10 -2.96	13.86 -0.18 -4.29	14.65 -0.19 -4.23	20.66 -0.35 -2.69	20.79 -0.35 -2.50	12.41 -0.10 -3.06	12.04 -0.07 -1.74	9.21 0.09 -1.90
S SALMON___HYD 24043	7.25 -0.02 -1.41	6.43 -0.02 -1.30	6.53 -0.02 -1.09	6.09 -0.06 -1.07	6.14 -0.05 -1.10	7.05 -0.04 -1.12	8.87 -0.02 -1.51	8.51 -0.05 -1.93	9.07 -0.11 -1.39	9.54 -0.13 -0.97	9.57 -0.15 -1.03	9.40 -0.14 -1.03	9.51 -0.16 -1.03	9.26 -0.15 -1.25	8.89 -0.13 -1.36	9.26 -0.13 -1.56	10.73 -0.14 -1.92	12.37 -0.16 -2.78	13.20 -0.15 -2.74	19.94 -0.13 -1.75	20.14 -0.13 -1.62	11.35 -0.09 -1.98	11.43 -0.07 -1.13	8.42 -0.02 -1.23
S.PERRY__115KV_TB1 80734	8.99 0.37 -2.76	8.00 0.31 -2.55	7.97 0.37 -2.14	7.44 0.27 -2.09	7.53 0.30 -2.15	8.55 0.39 -2.19	10.85 0.52 -2.96	10.77 0.36 -3.78	11.09 0.34 -2.95	11.02 0.26 -2.07	11.15 0.28 -2.19	10.96 0.27 -2.18	11.04 0.22 -2.18	11.04 0.23 -2.65	10.78 0.23 -2.89	11.37 0.24 -3.31	13.34 0.31 -4.07	15.98 0.33 -5.90	16.89 0.47 -5.82	22.96 0.93 -3.70	23.11 1.03 -3.44	14.18 0.52 -4.20	13.36 0.59 -2.39	10.35 0.53 -2.61
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	8.64 -0.04 -2.81	7.72 -0.02 -2.59	7.65 0.01 -2.17	7.18 -0.03 -2.13	7.26 -0.01 -2.19	8.17 -0.03 -2.23	10.28 -0.11 -3.01	10.22 -0.26 -3.85	10.28 -0.32 -2.81	10.29 -0.37 -1.97	10.43 -0.34 -2.08	10.27 -0.31 -2.08	10.33 -0.39 -2.07	10.36 -0.33 -2.52	10.11 -0.31 -2.75	10.62 -0.36 -3.16	12.43 -0.40 -3.88	14.82 -0.56 -5.63	15.57 -0.58 -5.55	20.73 -1.12 -3.53	20.75 -1.17 -3.28	13.01 -0.45 -4.01	12.28 -0.37 -2.28	9.66 -0.04 -2.49
SAWYER__23_KV_LOAD 55526	8.64 -0.04 -2.81	7.72 -0.02 -2.59	7.65 0.01 -2.17	7.18 -0.03 -2.13	7.26 -0.01 -2.19	8.17 -0.03 -2.23	10.28 -0.11 -3.01	10.22 -0.26 -3.85	10.28 -0.32 -2.81	10.29 -0.37 -1.97	10.43 -0.34 -2.08	10.27 -0.31 -2.08	10.33 -0.39 -2.07	10.36 -0.33 -2.52	10.11 -0.31 -2.75	10.62 -0.36 -3.16	12.43 -0.40 -3.88	14.82 -0.56 -5.63	15.57 -0.58 -5.55	20.73 -1.12 -3.53	20.75 -1.17 -3.28	13.01 -0.45 -4.01	12.28 -0.37 -2.28	9.66 -0.04 -2.49
SELKIRK___I 23801	25.03 0.24 -18.93	22.80 0.21 -17.45	20.32 0.23 -14.63	19.59 0.21 -14.30	20.01 0.21 -14.72	21.23 0.25 -15.01	27.94 0.31 -20.25	32.81 0.26 -25.92	26.85 0.30 -18.76	22.20 0.33 -13.18	22.94 0.32 -13.93	22.73 0.31 -13.90	22.84 0.31 -13.88	25.26 0.30 -16.80	26.21 0.29 -18.26	28.92 0.30 -20.80	34.71 0.35 -25.40	46.72 0.37 -36.60	47.38 0.40 -36.37	42.38 0.71 -23.35	41.30 0.71 -21.94	36.65 0.37 -26.83	26.03 0.42 -15.23	24.17 0.29 -16.67
SELKIRK___II 23799	25.25 0.22 -19.17	23.00 0.19 -17.67	20.48 0.20 -14.81	19.74 0.18 -14.48	20.18 0.19 -14.90	21.39 0.22 -15.20	28.16 0.27 -20.51	33.11 0.23 -26.25	27.06 0.28 -18.99	22.34 0.30 -13.35	23.09 0.30 -14.10	22.89 0.30 -14.08	23.00 0.29 -14.06	25.44 0.29 -17.00	26.39 0.27 -18.46	29.11 0.28 -21.01	34.91 0.32 -25.63	46.98 0.35 -36.88	47.67 0.37 -36.69	42.57 0.66 -23.59	41.52 0.65 -22.22	36.96 0.34 -27.17	26.19 0.38 -15.42	24.36 0.27 -16.88
SENECA OSWGO___HYD 24041	7.40 -0.05 -1.59	6.56 -0.05 -1.47	6.64 -0.05 -1.23	6.21 -0.08 -1.20	6.25 -0.07 -1.24	7.16 -0.07 -1.26	9.01 -0.07 -1.70	8.71 -0.10 -2.18	9.22 -0.14 -1.56	9.62 -0.17 -1.10	9.67 -0.17 -1.16	9.50 -0.16 -1.16	9.61 -0.19 -1.16	9.41 -0.16 -1.41	9.05 -0.14 -1.53	9.44 -0.14 -1.76	10.95 -0.16 -2.16	12.68 -0.19 -3.13	13.48 -0.21 -3.09	19.96 -0.33 -1.97	20.16 -0.32 -1.83	11.53 -0.16 -2.23	11.49 -0.16 -1.27	8.54 -0.07 -1.39
SENECA___115KV_TB3 355854	8.80 0.01 -2.93	7.87 0.03 -2.70	7.78 0.05 -2.27	7.31 0.02 -2.21	7.39 0.03 -2.28	8.31 0.02 -2.33	10.47 -0.04 -3.14	10.45 -0.19 -4.01	10.48 -0.24 -2.93	10.46 -0.29 -2.06	10.62 -0.24 -2.17	10.46 -0.22 -2.17	10.52 -0.29 -2.17	10.56 -0.24 -2.64	10.31 -0.22 -2.88	10.85 -0.27 -3.30	12.71 -0.30 -4.05	15.18 -0.45 -5.88	15.95 -0.46 -5.80	21.13 -0.88 -3.69	21.12 -0.95 -3.43	13.29 -0.36 -4.19	12.49 -0.27 -2.38	9.83 0.01 -2.60
SENECA___ENERGY 23797	8.19 0.04 -2.30	7.29 0.03 -2.12	7.28 0.04 -1.78	6.81 -0.01 -1.74	6.88 0.01 -1.79	7.82 0.04 -1.82	9.90 0.06 -2.46	9.78 0.00 -3.15	9.76 -0.12 -2.08	10.01 -0.15 -1.46	10.09 -0.14 -1.54	9.92 -0.13 -1.54	10.02 -0.16 -1.54	9.90 -0.13 -1.87	9.59 -0.11 -2.04	10.05 -0.11 -2.34	11.70 -0.13 -2.88	13.75 -0.17 -4.17	14.54 -0.18 -4.12	20.66 -0.27 -2.62	20.82 -0.26 -2.43	12.31 -0.12 -2.97	11.94 -0.12 -1.69	9.04 -0.02 -1.85
SHOEMAKER___GT 23640	20.26 0.26 -14.14	18.40 0.22 -13.03	16.62 0.23 -10.93	15.97 0.21 -10.68	16.29 0.21 -10.99	17.42 0.24 -11.21	22.81 0.30 -15.13	26.27 0.28 -19.36	22.28 0.36 -14.13	18.93 0.39 -9.85	19.49 0.40 -10.40	19.31 0.41 -10.39	19.44 0.42 -10.37	21.32 0.40 -12.76	22.06 0.38 -14.02	24.44 0.37 -16.25	29.57 0.42 -20.19	39.88 0.46 -29.67	40.00 0.51 -28.88	37.25 0.86 -18.07	35.92 0.88 -16.39	29.93 0.43 -20.04	22.23 0.47 -11.38	19.98 0.31 -12.45
SHOEMAKR_138KV_BK 111 55601	20.16 0.26 -14.05	18.31 0.22 -12.94	16.55 0.23 -10.85	15.90 0.21 -10.61	16.22 0.21 -10.92	17.35 0.24 -11.14	22.71 0.30 -15.02	26.14 0.29 -19.23	22.19 0.36 -14.04	18.87 0.40 -9.78	19.43 0.41 -10.34	19.23 0.40 -10.32	19.38 0.42 -10.30	21.24 0.40 -12.68	21.96 0.38 -13.93	24.33 0.37 -16.14	29.43 0.42 -20.06	39.67 0.46 -29.47	39.80 0.51 -28.69	37.13 0.86 -17.95	35.81 0.88 -16.28	29.79 0.43 -19.91	22.15 0.47 -11.31	19.89 0.31 -12.37
SHOREHAM_IC_1 23715	22.67 0.49 -16.32	19.89 0.42 -14.32	17.92 0.45 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.27 0.46 -15.85	27.14 0.53 -19.23	29.91 0.48 -22.80	30.67 0.63 -22.24	29.93 0.74 -20.50	30.10 0.55 -20.86	31.59 0.53 -22.55	32.04 0.56 -22.83	31.85 0.51 -23.18	33.89 0.48 -25.76	44.47 0.49 -36.16	45.37 0.61 -35.80	56.62 0.69 -46.19	50.38 0.75 -39.02	42.96 1.30 -23.34	39.78 1.30 -19.83	37.62 0.62 -27.54	32.09 0.63 -21.08	29.65 0.46 -21.97
SHOREHAM_IC_2 23716	22.67 0.49 -16.32	19.89 0.42 -14.32	17.92 0.45 -12.01	17.24 0.43 -11.74	17.62 0.45 -12.08	22.27 0.46 -15.85	27.14 0.53 -19.23	29.91 0.48 -22.80	30.67 0.63 -22.24	29.93 0.74 -20.50	30.10 0.55 -20.86	31.59 0.53 -22.55	32.04 0.56 -22.83	31.85 0.51 -23.18	33.89 0.48 -25.76	44.47 0.49 -36.16	45.37 0.61 -35.80	56.62 0.69 -46.19	50.38 0.75 -39.02	42.96 1.30 -23.34	39.78 1.30 -19.83	37.62 0.62 -27.54	32.09 0.63 -21.08	29.65 0.46 -21.97
SISSONVILLE___ 23735	5.72 -0.13 0.00	5.04 -0.11 0.00	5.33 -0.13 0.00	4.98 -0.10 0.00	4.99 -0.10 0.00	5.85 -0.12 0.00	7.28 -0.10 0.00	6.56 -0.07 0.00	7.69 -0.10 0.00	8.57 -0.12 0.00	8.53 -0.16 0.00	8.34 -0.17 0.00	8.53 -0.12 0.00	7.97 -0.19 0.00	7.38 -0.28 0.00	7.55 -0.27 0.00	8.65 -0.30 0.00	9.47 -0.27 0.00	10.32 -0.29 0.00	17.81 -0.51 0.00	18.22 -0.43 0.00	9.30 -0.16 0.00	10.19 -0.19 0.00	7.07 -0.14 0.00

SITHE_IND_GS1 24169	7.08 -0.14 -1.37	6.27 -0.13 -1.26	6.39 -0.13 -1.06	5.97 -0.14 -1.03	6.02 -0.13 -1.06	6.90 -0.15 -1.08	8.66 -0.18 -1.46	8.31 -0.19 -1.87	8.89 -0.25 -1.35	9.36 -0.28 -0.94	9.41 -0.28 -1.00	9.23 -0.27 -1.00	9.35 -0.29 -0.99	9.11 -0.26 -1.21	8.74 -0.24 -1.32	9.09 -0.24 -1.51	10.54 -0.28 -1.86	12.12 -0.32 -2.70	12.91 -0.35 -2.66	19.42 -0.59 -1.69	19.62 -0.60 -1.57	11.08 -0.29 -1.92	11.17 -0.30 -1.09	8.23 -0.17 -1.19
SITHE_IND_GS2 24170	7.08 -0.14 -1.37	6.27 -0.13 -1.26	6.39 -0.13 -1.06	5.97 -0.14 -1.03	6.02 -0.13 -1.06	6.90 -0.15 -1.08	8.66 -0.18 -1.46	8.31 -0.19 -1.87	8.89 -0.25 -1.35	9.36 -0.28 -0.94	9.41 -0.28 -1.00	9.23 -0.27 -1.00	9.35 -0.29 -0.99	9.11 -0.26 -1.21	8.74 -0.24 -1.32	9.09 -0.24 -1.51	10.54 -0.28 -1.86	12.12 -0.32 -2.70	12.91 -0.35 -2.66	19.42 -0.59 -1.69	19.62 -0.60 -1.57	11.08 -0.29 -1.92	11.17 -0.30 -1.09	8.23 -0.17 -1.19
SITHE_IND_GS3 24171	7.08 -0.14 -1.37	6.27 -0.13 -1.26	6.39 -0.13 -1.06	5.97 -0.14 -1.03	6.02 -0.13 -1.06	6.90 -0.15 -1.08	8.66 -0.18 -1.46	8.31 -0.19 -1.87	8.89 -0.25 -1.35	9.36 -0.28 -0.94	9.41 -0.28 -1.00	9.23 -0.27 -1.00	9.35 -0.29 -0.99	9.11 -0.26 -1.21	8.74 -0.24 -1.32	9.09 -0.24 -1.51	10.54 -0.28 -1.86	12.12 -0.32 -2.70	12.91 -0.35 -2.66	19.42 -0.59 -1.69	19.62 -0.60 -1.57	11.08 -0.29 -1.92	11.17 -0.30 -1.09	8.23 -0.17 -1.19
SITHE_IND_GS4 24172	7.08 -0.14 -1.37	6.27 -0.13 -1.26	6.39 -0.13 -1.06	5.97 -0.14 -1.03	6.02 -0.13 -1.06	6.90 -0.15 -1.08	8.66 -0.18 -1.46	8.31 -0.19 -1.87	8.89 -0.25 -1.35	9.36 -0.28 -0.94	9.41 -0.28 -1.00	9.23 -0.27 -1.00	9.35 -0.29 -0.99	9.11 -0.26 -1.21	8.74 -0.24 -1.32	9.09 -0.24 -1.51	10.54 -0.28 -1.86	12.12 -0.32 -2.70	12.91 -0.35 -2.66	19.42 -0.59 -1.69	19.62 -0.60 -1.57	11.08 -0.29 -1.92	11.17 -0.30 -1.09	8.23 -0.17 -1.19
SITHE___BATAVIA 24024	8.23 0.18 -2.20	7.30 0.13 -2.02	7.35 0.19 -1.70	6.87 0.13 -1.66	6.94 0.15 -1.71	7.90 0.20 -1.74	9.97 0.24 -2.35	9.80 0.16 -3.01	10.07 0.12 -2.15	10.30 0.10 -1.51	10.37 0.10 -1.59	10.19 0.09 -1.59	10.27 0.03 -1.59	10.15 0.06 -1.93	9.82 0.05 -2.11	10.27 0.04 -2.41	11.97 0.05 -2.97	14.04 -0.01 -4.30	14.86 0.01 -4.25	21.08 0.06 -2.70	21.19 0.04 -2.51	12.65 0.12 -3.07	12.31 0.19 -1.74	9.41 0.30 -1.90
SITHE___INDEPEND 23800	7.08 -0.14 -1.37	6.27 -0.13 -1.26	6.39 -0.13 -1.06	5.97 -0.14 -1.03	6.02 -0.13 -1.06	6.90 -0.15 -1.08	8.66 -0.18 -1.46	8.31 -0.19 -1.87	8.89 -0.25 -1.35	9.36 -0.28 -0.94	9.41 -0.28 -1.00	9.23 -0.27 -1.00	9.35 -0.29 -0.99	9.11 -0.26 -1.21	8.74 -0.24 -1.32	9.09 -0.24 -1.51	10.54 -0.28 -1.86	12.12 -0.32 -2.70	12.91 -0.35 -2.66	19.42 -0.59 -1.69	19.64 -0.58 -1.57	11.08 -0.29 -1.92	11.17 -0.30 -1.09	8.23 -0.17 -1.19
SITHE___MASSENA 23902	5.74 -0.12 0.00	5.05 -0.09 0.00	5.35 -0.11 0.00	5.01 -0.07 0.00	5.01 -0.08 0.00	5.86 -0.10 0.00	7.28 -0.10 0.00	6.56 -0.07 0.00	7.71 -0.09 0.00	8.59 -0.10 0.00	8.57 -0.11 0.00	8.37 -0.14 0.00	8.56 -0.09 0.00	8.04 -0.12 0.00	7.51 -0.15 0.00	7.66 -0.16 0.00	8.78 -0.18 0.00	9.61 -0.14 0.00	10.47 -0.14 0.00	18.01 -0.31 0.00	18.37 -0.28 0.00	9.33 -0.13 0.00	10.21 -0.17 0.00	7.08 -0.14 0.00
SITHE___OGDNSBRG 24021	5.77 -0.09 0.00	5.08 -0.06 0.00	5.38 -0.08 0.00	5.02 -0.06 0.00	5.03 -0.06 0.00	5.90 -0.07 0.00	7.35 -0.03 0.00	6.62 -0.01 0.00	7.74 -0.05 0.00	8.64 -0.05 0.00	8.58 -0.10 0.00	8.39 -0.12 0.00	8.59 -0.06 0.00	8.04 -0.11 0.00	7.50 -0.16 0.00	7.66 -0.16 0.00	8.79 -0.16 0.00	9.65 -0.10 0.00	10.51 -0.10 0.00	18.17 -0.15 0.00	18.54 -0.11 0.00	9.40 -0.06 0.00	10.28 -0.10 0.00	7.12 -0.09 0.00
SITHE___STERLING 23777	7.10 0.14 -1.10	6.29 0.13 -1.01	6.44 0.13 -0.85	5.99 0.08 -0.83	6.03 0.09 -0.85	6.97 0.13 -0.87	8.73 0.18 -1.18	8.24 0.11 -1.50	8.97 0.09 -1.09	9.57 0.11 -0.76	9.57 0.08 -0.81	9.40 0.09 -0.80	9.53 0.08 -0.80	9.20 0.06 -0.98	8.79 0.07 -1.07	9.15 0.11 -1.22	10.61 0.15 -1.50	12.12 0.19 -2.18	12.98 0.22 -2.15	20.22 0.53 -1.37	20.46 0.54 -1.27	11.22 0.21 -1.55	11.51 0.25 -0.88	8.37 0.19 -0.96
SLEIGHT__34_KV_TB1 80719	8.19 0.15 -2.18	7.27 0.12 -2.01	7.29 0.14 -1.68	6.81 0.08 -1.65	6.88 0.10 -1.69	7.84 0.14 -1.73	9.92 0.21 -2.33	9.75 0.14 -2.98	10.01 0.10 -2.11	10.31 0.14 -1.48	10.38 0.13 -1.57	10.21 0.14 -1.56	10.30 0.10 -1.56	10.18 0.12 -1.90	9.85 0.12 -2.07	10.33 0.13 -2.37	12.02 0.14 -2.92	14.10 0.13 -4.23	14.92 0.14 -4.18	21.25 0.27 -2.66	21.45 0.34 -2.47	12.62 0.15 -3.02	12.29 0.20 -1.71	9.28 0.19 -1.87
SOUTH CAIRO___GT 23612	24.31 0.33 -18.13	22.13 0.28 -16.70	19.77 0.30 -14.00	19.04 0.27 -13.69	19.46 0.28 -14.09	20.68 0.35 -14.37	27.23 0.47 -19.39	31.86 0.42 -24.81	26.21 0.44 -17.97	21.73 0.43 -12.62	22.43 0.42 -13.33	22.21 0.39 -13.31	22.32 0.38 -13.29	24.66 0.38 -16.11	25.58 0.38 -17.54	28.23 0.39 -20.02	33.96 0.50 -24.50	45.72 0.58 -35.39	46.35 0.68 -35.07	41.97 1.21 -22.44	40.90 1.25 -21.00	35.69 0.56 -25.68	25.58 0.62 -14.58	23.58 0.41 -15.95
SOUTH HAMPTN___IC 23720	22.76 0.57 -16.32	19.95 0.49 -14.32	18.00 0.52 -12.01	17.31 0.49 -11.74	17.68 0.51 -12.08	22.35 0.54 -15.85	27.24 0.63 -19.23	30.03 0.60 -22.80	30.81 0.78 -22.24	30.06 0.87 -20.50	30.28 0.73 -20.86	31.77 0.71 -22.55	32.23 0.74 -22.83	32.02 0.68 -23.18	34.05 0.64 -25.76	44.64 0.66 -36.16	45.56 0.81 -35.80	56.84 0.91 -46.19	50.62 0.99 -39.02	43.32 1.67 -23.34	40.15 1.68 -19.83	37.82 0.82 -27.54	32.25 0.80 -21.08	29.76 0.57 -21.97
SOUTHDOW__115KV_TB1 355954	9.16 0.17 -3.13	8.21 0.17 -2.89	8.10 0.22 -2.42	7.61 0.17 -2.37	7.70 0.18 -2.44	8.67 0.22 -2.48	10.96 0.23 -3.35	10.98 0.06 -4.29	11.02 0.06 -3.16	10.97 0.06 -2.22	11.12 0.09 -2.34	10.95 0.10 -2.34	11.02 0.03 -2.33	11.07 0.07 -2.84	10.81 0.05 -3.10	11.38 0.01 -3.55	13.34 0.02 -4.37	15.97 -0.11 -6.34	16.80 -0.05 -6.25	22.13 -0.16 -3.98	22.08 -0.26 -3.69	13.93 -0.04 -4.51	12.99 0.05 -2.56	10.24 0.22 -2.80
SOUTHOLD_69_KV_BK 2 55809	22.85 0.67 -16.32	20.03 0.57 -14.32	18.08 0.61 -12.01	17.38 0.56 -11.74	17.76 0.60 -12.08	22.44 0.63 -15.85	27.37 0.76 -19.23	30.16 0.73 -22.80	30.98 0.94 -22.24	30.20 1.01 -20.50	30.46 0.90 -20.86	31.95 0.88 -22.55	32.41 0.93 -22.83	32.18 0.84 -23.18	34.21 0.80 -25.76	44.80 0.82 -36.16	45.76 1.00 -35.80	57.05 1.12 -46.19	50.84 1.21 -39.02	43.71 2.05 -23.34	40.52 2.05 -19.83	38.02 1.02 -27.54	32.43 0.98 -21.08	29.87 0.69 -21.97
SOUTHOLD___IC 23719	22.85 0.67 -16.32	20.03 0.57 -14.32	18.08 0.61 -12.01	17.38 0.56 -11.74	17.76 0.59 -12.08	22.44 0.63 -15.85	27.37 0.76 -19.23	30.16 0.73 -22.80	30.98 0.94 -22.24	30.20 1.01 -20.50	30.46 0.90 -20.86	31.95 0.88 -22.55	32.41 0.93 -22.83	32.18 0.84 -23.18	34.21 0.80 -25.76	44.81 0.83 -36.16	45.77 1.01 -35.80	57.07 1.14 -46.19	50.86 1.23 -39.02	43.74 2.09 -23.34	40.56 2.09 -19.83	38.03 1.03 -27.54	32.43 0.98 -21.08	29.87 0.69 -21.97

SPIERFLS_115KV_TB 1 80737	26.26 0.32 -20.09	23.92 0.27 -18.51	21.32 0.33 -15.52	20.55 0.30 -15.17	21.01 0.31 -15.61	22.27 0.38 -15.93	29.38 0.52 -21.48	34.59 0.46 -27.50	28.20 0.54 -19.87	23.23 0.56 -13.98	24.01 0.55 -14.77	23.80 0.54 -14.75	23.84 0.47 -14.73	26.38 0.45 -17.77	27.36 0.42 -19.28	30.11 0.41 -21.88	36.08 0.48 -26.64	48.54 0.56 -38.24	49.35 0.60 -38.15	44.06 1.14 -24.61	43.06 1.14 -23.28	38.47 0.55 -28.46	27.20 0.66 -16.16	25.32 0.43 -17.68
ST LAWRENCE____ 23600	5.69 -0.17 0.00	5.00 -0.14 0.00	5.31 -0.16 0.00	4.96 -0.12 0.00	4.96 -0.12 0.00	5.80 -0.16 0.00	7.19 -0.18 0.00	6.48 -0.15 0.00	7.62 -0.17 0.00	8.50 -0.19 0.00	8.50 -0.19 0.00	8.30 -0.20 0.00	8.47 -0.18 0.00	7.97 -0.19 0.00	7.47 -0.19 0.00	7.62 -0.20 0.00	8.72 -0.23 0.00	9.52 -0.22 0.00	10.36 -0.24 0.00	17.84 -0.48 0.00	18.18 -0.47 0.00	9.23 -0.23 0.00	10.11 -0.27 0.00	7.00 -0.21 0.00
STATE_CA_115KV_115_LB 55624	25.75 0.27 -19.63	23.46 0.24 -18.08	20.88 0.25 -15.16	20.13 0.23 -14.82	20.58 0.23 -15.26	21.80 0.27 -15.56	28.72 0.35 -20.99	33.79 0.30 -26.87	27.58 0.36 -19.43	22.75 0.39 -13.66	23.51 0.39 -14.44	23.31 0.39 -14.41	23.42 0.38 -14.39	25.91 0.37 -17.38	26.88 0.35 -18.87	29.63 0.37 -21.44	35.52 0.43 -26.13	47.77 0.47 -37.55	48.51 0.50 -37.41	43.29 0.88 -24.09	42.27 0.88 -22.74	37.71 0.44 -27.81	26.67 0.50 -15.79	24.84 0.35 -17.28
STATE_ST_34_KV_LOAD 55959	8.21 0.07 -2.28	7.30 0.05 -2.10	7.29 0.07 -1.76	6.82 0.02 -1.72	6.89 0.03 -1.77	7.83 0.06 -1.81	9.91 0.10 -2.44	9.86 0.11 -3.12	10.04 0.05 -2.19	10.23 0.01 -1.53	10.39 0.08 -1.62	10.20 0.08 -1.62	10.31 0.04 -1.62	10.19 0.07 -1.97	9.87 0.07 -2.15	10.36 0.08 -2.46	12.07 0.09 -3.02	14.20 0.08 -4.38	15.01 0.08 -4.32	21.25 0.18 -2.75	21.44 0.24 -2.55	12.67 0.09 -3.12	12.20 0.05 -1.77	9.23 0.08 -1.94
STATION 5_MISC_HYD 23604	8.08 0.03 -2.19	7.17 0.01 -2.02	7.20 0.04 -1.69	6.74 0.01 -1.65	6.81 0.02 -1.70	7.73 0.03 -1.74	9.74 0.01 -2.34	9.57 -0.06 -3.00	9.83 -0.11 -2.14	10.05 -0.15 -1.50	10.14 -0.13 -1.59	9.98 -0.11 -1.58	10.07 -0.16 -1.58	9.96 -0.12 -1.93	9.64 -0.11 -2.10	10.10 -0.13 -2.41	11.77 -0.14 -2.96	13.80 -0.23 -4.29	14.58 -0.25 -4.23	20.55 -0.46 -2.69	20.68 -0.47 -2.50	12.35 -0.16 -3.06	11.99 -0.12 -1.74	9.17 0.06 -1.90
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	8.11 0.06 -2.19	7.20 0.04 -2.02	7.22 0.07 -1.69	6.76 0.02 -1.65	6.83 0.04 -1.70	7.76 0.06 -1.74	9.80 0.07 -2.34	9.63 0.00 -3.00	9.77 -0.07 -2.05	10.03 -0.10 -1.43	10.12 -0.08 -1.52	9.94 -0.08 -1.51	10.04 -0.12 -1.51	9.91 -0.09 -1.84	9.59 -0.08 -2.01	10.03 -0.09 -2.30	11.68 -0.10 -2.82	13.69 -0.16 -4.10	14.48 -0.17 -4.04	20.62 -0.27 -2.57	20.76 -0.28 -2.39	12.27 -0.10 -2.92	11.96 -0.07 -1.66	9.08 0.05 -1.81
STA_56_34_KV_BUS2_REV_LBMP_B 345033	8.03 -0.01 -2.17	7.13 -0.02 -2.00	7.15 0.01 -1.68	6.70 -0.03 -1.64	6.77 -0.01 -1.69	7.68 -0.01 -1.72	9.68 -0.02 -2.32	9.51 -0.09 -2.97	9.76 -0.14 -2.11	9.99 -0.18 -1.48	10.10 -0.15 -1.56	9.93 -0.14 -1.56	10.02 -0.19 -1.56	9.90 -0.16 -1.90	9.58 -0.15 -2.07	10.03 -0.16 -2.37	11.69 -0.18 -2.91	13.71 -0.26 -4.23	14.49 -0.29 -4.17	20.46 -0.51 -2.65	20.59 -0.52 -2.46	12.27 -0.20 -3.01	11.92 -0.17 -1.71	9.10 0.01 -1.87
STA_56____34_KV_BUS2 355983	8.03 -0.01 -2.17	7.13 -0.02 -2.00	7.15 0.01 -1.68	6.70 -0.03 -1.64	6.77 -0.01 -1.69	7.68 -0.01 -1.72	9.68 -0.02 -2.32	9.51 -0.09 -2.97	9.76 -0.14 -2.11	9.99 -0.18 -1.48	10.10 -0.15 -1.56	9.93 -0.14 -1.56	10.02 -0.19 -1.56	9.90 -0.16 -1.90	9.58 -0.15 -2.07	10.03 -0.16 -2.37	11.69 -0.18 -2.91	13.71 -0.26 -4.23	14.49 -0.29 -4.17	20.46 -0.51 -2.65	20.59 -0.52 -2.46	12.27 -0.20 -3.01	11.92 -0.17 -1.71	9.10 0.01 -1.87
STA_67____115KV_BK2 355882	8.06 0.02 -2.19	7.17 0.01 -2.02	7.19 0.03 -1.69	6.73 -0.01 -1.65	6.80 0.01 -1.70	7.72 0.02 -1.73	9.72 0.00 -2.34	9.55 -0.08 -3.00	9.81 -0.12 -2.14	10.03 -0.17 -1.50	10.14 -0.13 -1.59	9.97 -0.12 -1.58	10.06 -0.17 -1.58	9.94 -0.14 -1.92	9.63 -0.13 -2.10	10.08 -0.15 -2.41	11.74 -0.17 -2.96	13.78 -0.25 -4.29	14.56 -0.28 -4.23	20.52 -0.49 -2.69	20.64 -0.50 -2.50	12.33 -0.18 -3.06	11.97 -0.15 -1.74	9.16 0.04 -1.90
STA_7____115KV_9TRANS 80674	8.10 0.05 -2.19	7.19 0.03 -2.02	7.22 0.07 -1.69	6.76 0.02 -1.65	6.83 0.04 -1.70	7.75 0.05 -1.74	9.76 0.04 -2.34	9.60 -0.03 -3.00	9.86 -0.07 -2.14	10.09 -0.10 -1.50	10.20 -0.07 -1.59	10.03 -0.06 -1.58	10.13 -0.10 -1.58	10.01 -0.07 -1.93	9.69 -0.07 -2.10	10.14 -0.09 -2.41	11.82 -0.10 -2.96	13.86 -0.18 -4.29	14.65 -0.19 -4.23	20.66 -0.35 -2.69	20.79 -0.35 -2.50	12.41 -0.10 -3.06	12.04 -0.07 -1.74	9.21 0.09 -1.90
STA_82____115KV_TB1 80780	8.07 0.02 -2.20	7.17 0.01 -2.02	7.20 0.04 -1.70	6.74 0.00 -1.66	6.81 0.02 -1.71	7.72 0.02 -1.74	9.73 0.00 -2.35	9.56 -0.07 -3.01	9.82 -0.12 -2.15	10.03 -0.17 -1.51	10.15 -0.13 -1.59	9.98 -0.12 -1.59	10.06 -0.17 -1.59	9.95 -0.14 -1.93	9.63 -0.13 -2.11	10.09 -0.15 -2.41	11.76 -0.16 -2.97	13.80 -0.24 -4.30	14.57 -0.28 -4.24	20.54 -0.48 -2.70	20.67 -0.48 -2.51	12.35 -0.17 -3.07	11.99 -0.13 -1.74	9.17 0.05 -1.90
STEEL____WIND 323596	8.80 0.01 -2.93	7.87 0.02 -2.70	7.78 0.05 -2.27	7.31 0.01 -2.21	7.39 0.03 -2.28	8.30 0.01 -2.33	10.46 -0.05 -3.14	10.44 -0.20 -4.01	10.48 -0.25 -2.93	10.45 -0.30 -2.06	10.58 -0.28 -2.17	10.44 -0.24 -2.17	10.50 -0.31 -2.17	10.55 -0.24 -2.64	10.31 -0.23 -2.88	10.84 -0.28 -3.30	12.70 -0.31 -4.05	15.17 -0.46 -5.88	15.94 -0.47 -5.80	21.11 -0.90 -3.69	21.09 -0.99 -3.43	13.27 -0.37 -4.19	12.48 -0.28 -2.38	9.82 0.01 -2.60
STEPHTWN_115KV_BK_2 55603	25.37 0.29 -19.23	23.11 0.25 -17.72	20.59 0.27 -14.85	19.84 0.24 -14.52	20.28 0.24 -14.95	21.51 0.30 -15.25	28.32 0.38 -20.56	33.27 0.32 -26.32	27.20 0.38 -19.02	22.49 0.42 -13.38	23.24 0.41 -14.14	23.04 0.41 -14.12	23.15 0.41 -14.10	25.57 0.40 -17.01	26.49 0.38 -18.45	29.17 0.40 -20.95	34.92 0.47 -25.50	46.85 0.51 -36.60	47.65 0.53 -36.51	42.81 0.93 -23.55	41.88 0.95 -22.28	37.18 0.48 -27.24	26.39 0.54 -15.47	24.51 0.37 -16.93
STEBEN_REC_LFGE 323667	9.75 0.37 -3.52	8.71 0.32 -3.25	8.56 0.37 -2.72	8.01 0.27 -2.66	8.12 0.30 -2.74	9.16 0.40 -2.79	11.67 0.52 -3.77	11.79 0.34 -4.82	12.02 0.42 -3.81	11.79 0.43 -2.67	11.90 0.39 -2.82	11.70 0.37 -2.81	11.78 0.32 -2.81	11.92 0.34 -3.42	11.73 0.34 -3.73	12.43 0.34 -4.26	14.62 0.42 -5.24	17.79 0.45 -7.60	18.66 0.56 -7.50	24.15 1.06 -4.77	24.20 1.12 -4.43	15.39 0.52 -5.42	14.10 0.64 -3.08	11.13 0.55 -3.36
STONY____BROOK 24151	22.70 0.52 -16.32	19.91 0.44 -14.32	17.94 0.46 -12.01	17.25 0.43 -11.74	17.63 0.46 -12.08	22.30 0.49 -15.85	27.20 0.59 -19.23	30.01 0.58 -22.80	30.78 0.74 -22.24	29.98 0.79 -20.50	30.30 0.75 -20.86	31.79 0.73 -22.55	32.24 0.76 -22.83	32.03 0.69 -23.18	34.06 0.64 -25.76	44.64 0.66 -36.16	45.55 0.80 -35.80	56.82 0.89 -46.19	50.58 0.95 -39.02	43.29 1.63 -23.34	40.13 1.66 -19.83	37.80 0.80 -27.54	32.24 0.79 -21.08	29.76 0.57 -21.97

STURGEON_POOL_HYD 23609	21.84 0.29 -15.69	19.85 0.25 -14.46	17.84 0.25 -12.13	17.17 0.23 -11.85	17.53 0.24 -12.20	18.68 0.27 -12.45	24.50 0.33 -16.79	28.38 0.29 -21.46	23.81 0.39 -15.63	20.08 0.48 -10.91	20.68 0.46 -11.53	20.47 0.45 -11.51	20.64 0.49 -11.50	22.70 0.47 -14.08	23.51 0.42 -15.42	26.02 0.41 -17.79	31.44 0.47 -22.02	42.46 0.53 -32.19	42.70 0.59 -31.51	39.14 0.97 -19.85	37.85 1.01 -18.19	32.17 0.47 -22.24	23.54 0.53 -12.63	21.38 0.35 -13.82
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.61 0.29 -14.46	18.72 0.25 -13.32	16.90 0.26 -11.17	16.24 0.24 -10.92	16.57 0.24 -11.24	17.71 0.28 -11.46	23.19 0.35 -15.46	26.74 0.32 -19.79	22.65 0.41 -14.45	19.23 0.47 -10.07	19.79 0.46 -10.64	19.59 0.46 -10.62	19.74 0.48 -10.60	21.67 0.47 -13.05	22.43 0.43 -14.34	24.86 0.42 -16.62	30.09 0.47 -20.66	40.63 0.53 -30.36	40.74 0.58 -29.55	37.77 0.97 -18.48	36.40 0.99 -16.76	30.43 0.48 -20.49	22.54 0.53 -11.64	20.31 0.36 -12.73
SWANROAD_115KV_TB1 355699	8.42 -0.13 -2.70	7.52 -0.11 -2.49	7.48 -0.07 -2.09	7.02 -0.10 -2.04	7.10 -0.08 -2.10	7.97 -0.13 -2.14	10.00 -0.27 -2.89	9.91 -0.41 -3.69	9.96 -0.51 -2.69	9.98 -0.59 -1.88	10.12 -0.56 -1.99	9.97 -0.52 -1.99	10.02 -0.61 -1.98	10.03 -0.54 -2.41	9.79 -0.50 -2.63	10.28 -0.56 -3.02	12.03 -0.64 -3.71	14.33 -0.80 -5.38	15.04 -0.87 -5.31	20.10 -1.59 -3.38	20.12 -1.66 -3.14	12.60 -0.69 -3.84	11.94 -0.61 -2.18	9.41 -0.19 -2.38
SYNERGY___BIOGAS 323694	8.23 0.18 -2.20	7.30 0.13 -2.02	7.35 0.19 -1.70	6.87 0.13 -1.66	6.94 0.15 -1.71	7.90 0.20 -1.74	9.97 0.24 -2.35	9.80 0.16 -3.01	10.07 0.12 -2.15	10.30 0.10 -1.51	10.37 0.10 -1.59	10.19 0.09 -1.59	10.27 0.03 -1.59	10.15 0.06 -1.93	9.82 0.05 -2.11	10.27 0.04 -2.41	11.97 0.05 -2.97	14.04 -0.01 -4.30	14.86 0.01 -4.25	21.08 0.06 -2.70	21.19 0.04 -2.51	12.65 0.12 -3.07	12.31 0.19 -1.74	9.41 0.30 -1.90
SYRACUSE___ENERGY_ST1 323597	7.77 0.01 -1.90	6.90 0.00 -1.75	6.95 0.01 -1.47	6.49 -0.03 -1.44	6.55 -0.02 -1.48	7.47 0.00 -1.51	9.42 0.01 -2.04	9.21 -0.03 -2.61	9.59 -0.06 -1.86	9.93 -0.06 -1.30	9.99 -0.07 -1.37	9.82 -0.06 -1.37	9.93 -0.09 -1.37	9.77 -0.06 -1.67	9.43 -0.05 -1.82	9.87 -0.04 -2.08	11.46 -0.05 -2.56	13.38 -0.08 -3.72	14.19 -0.09 -3.67	20.54 -0.11 -2.33	20.72 -0.09 -2.17	12.05 -0.06 -2.65	11.84 -0.04 -1.50	8.87 0.01 -1.65
SYRACUSE___ENERGY_ST2 323598	7.77 0.01 -1.90	6.90 0.00 -1.75	6.95 0.01 -1.47	6.49 -0.03 -1.44	6.55 -0.02 -1.48	7.47 0.00 -1.51	9.42 0.01 -2.04	9.21 -0.03 -2.61	9.59 -0.06 -1.86	9.93 -0.06 -1.30	9.99 -0.07 -1.37	9.82 -0.06 -1.37	9.93 -0.09 -1.37	9.77 -0.06 -1.67	9.43 -0.05 -1.82	9.87 -0.04 -2.08	11.46 -0.05 -2.56	13.38 -0.08 -3.72	14.19 -0.09 -3.67	20.54 -0.11 -2.33	20.72 -0.09 -2.17	12.05 -0.06 -2.65	11.84 -0.04 -1.50	8.87 0.01 -1.65
SYRACUSE___POWER 24017	7.82 0.00 -1.96	6.94 -0.01 -1.80	6.98 0.00 -1.51	6.53 -0.03 -1.48	6.59 -0.02 -1.52	7.50 -0.01 -1.55	9.47 0.00 -2.09	9.27 -0.04 -2.68	9.65 -0.07 -1.93	9.98 -0.07 -1.35	10.05 -0.07 -1.43	9.87 -0.07 -1.43	9.99 -0.09 -1.43	9.83 -0.07 -1.73	9.51 -0.05 -1.89	9.94 -0.05 -2.17	11.57 -0.05 -2.66	13.53 -0.08 -3.86	14.33 -0.08 -3.81	20.63 -0.11 -2.43	20.81 -0.09 -2.25	12.15 -0.06 -2.75	11.90 -0.04 -1.56	8.93 0.01 -1.71
TALLMAN__138KV_BK151 55660	21.07 0.33 -14.87	19.14 0.29 -13.70	17.25 0.30 -11.49	16.59 0.27 -11.23	16.93 0.28 -11.56	18.08 0.32 -11.79	23.69 0.40 -15.91	27.36 0.37 -20.36	23.13 0.48 -14.87	19.60 0.55 -10.36	20.17 0.54 -10.94	19.97 0.54 -10.93	20.13 0.57 -10.91	22.13 0.55 -13.43	22.92 0.51 -14.76	25.43 0.50 -17.11	30.79 0.56 -21.27	41.64 0.62 -31.27	41.71 0.68 -30.42	38.47 1.14 -19.02	37.03 1.14 -17.24	31.10 0.57 -21.08	22.96 0.61 -11.97	20.72 0.41 -13.10
TEALLAVE_115KV_TB7 355573	7.52 -0.02 -1.68	6.67 -0.02 -1.55	6.75 -0.02 -1.30	6.31 -0.05 -1.27	6.36 -0.04 -1.31	7.27 -0.03 -1.33	9.15 -0.03 -1.80	8.87 -0.07 -2.30	9.35 -0.09 -1.66	9.75 -0.10 -1.16	9.82 -0.10 -1.23	9.64 -0.09 -1.22	9.76 -0.11 -1.22	9.56 -0.09 -1.49	9.21 -0.07 -1.62	9.61 -0.07 -1.86	11.15 -0.09 -2.29	12.94 -0.12 -3.32	13.75 -0.13 -3.27	20.22 -0.18 -2.08	20.39 -0.19 -1.93	11.73 -0.09 -2.36	11.64 -0.08 -1.34	8.66 -0.02 -1.47
TELGRAPH_34_KV_EAST 80808	8.45 -0.02 -2.61	7.54 -0.02 -2.41	7.50 0.02 -2.02	7.04 -0.01 -1.97	7.12 0.01 -2.03	8.02 -0.02 -2.07	10.07 -0.10 -2.79	9.95 -0.26 -3.57	10.06 -0.33 -2.59	10.12 -0.39 -1.82	10.24 -0.36 -1.92	10.09 -0.33 -1.92	10.15 -0.42 -1.91	10.14 -0.35 -2.33	9.87 -0.33 -2.54	10.35 -0.38 -2.91	12.11 -0.43 -3.58	14.37 -0.57 -5.20	15.13 -0.60 -5.13	20.44 -1.14 -3.26	20.50 -1.17 -3.03	12.70 -0.46 -3.70	12.11 -0.37 -2.10	9.48 -0.04 -2.30
TEMPLE___115KV_TB 2 55572	7.54 -0.02 -1.70	6.69 -0.02 -1.57	6.77 -0.01 -1.32	6.32 -0.05 -1.29	6.38 -0.04 -1.32	7.29 -0.02 -1.35	9.18 -0.02 -1.82	8.90 -0.06 -2.33	9.38 -0.09 -1.68	9.77 -0.10 -1.18	9.84 -0.09 -1.24	9.66 -0.09 -1.24	9.77 -0.11 -1.24	9.58 -0.08 -1.51	9.24 -0.06 -1.64	9.64 -0.06 -1.88	11.19 -0.08 -2.31	12.99 -0.11 -3.36	13.80 -0.12 -3.31	20.24 -0.18 -2.11	20.44 -0.17 -1.96	11.76 -0.09 -2.39	11.66 -0.07 -1.36	8.69 -0.01 -1.49
TIANA____69_KV_BK 1 55817	22.73 0.55 -16.32	19.93 0.47 -14.32	17.97 0.50 -12.01	17.28 0.47 -11.74	17.67 0.50 -12.08	22.33 0.52 -15.85	27.22 0.61 -19.23	30.01 0.58 -22.80	30.79 0.76 -22.24	30.03 0.83 -20.50	30.26 0.70 -20.86	31.74 0.68 -22.55	32.20 0.72 -22.83	31.99 0.65 -23.18	34.01 0.60 -25.76	44.60 0.62 -36.16	45.51 0.75 -35.80	56.77 0.84 -46.19	50.54 0.91 -39.02	43.21 1.56 -23.34	40.02 1.55 -19.83	37.77 0.78 -27.54	32.21 0.76 -21.08	29.73 0.54 -21.97
TILDEN___115KV_TB1 80814	7.82 0.00 -1.96	6.94 -0.01 -1.80	6.98 0.00 -1.51	6.53 -0.03 -1.48	6.59 -0.02 -1.52	7.50 -0.01 -1.55	9.47 0.00 -2.09	9.27 -0.04 -2.68	9.65 -0.07 -1.93	9.98 -0.07 -1.35	10.05 -0.07 -1.43	9.87 -0.07 -1.43	9.99 -0.09 -1.43	9.83 -0.07 -1.73	9.51 -0.05 -1.89	9.94 -0.05 -2.17	11.57 -0.05 -2.66	13.53 -0.08 -3.86	14.33 -0.08 -3.81	20.63 -0.11 -2.43	20.81 -0.09 -2.25	12.15 -0.06 -2.75	11.90 -0.04 -1.56	8.93 0.01 -1.71
TRIGEN___CC 323695	22.64 0.46 -16.32	19.85 0.39 -14.32	17.87 0.40 -12.01	17.19 0.37 -11.74	17.55 0.39 -12.08	22.24 0.43 -15.85	27.14 0.53 -19.23	29.94 0.51 -22.80	30.68 0.65 -22.24	29.91 0.71 -20.50	30.26 0.71 -20.86	31.76 0.70 -22.55	32.21 0.73 -22.83	32.02 0.69 -23.18	34.04 0.63 -25.76	44.60 0.62 -36.16	45.46 0.70 -35.80	56.69 0.76 -46.19	50.47 0.84 -39.02	43.09 1.43 -23.34	39.91 1.44 -19.83	37.73 0.74 -27.54	32.23 0.78 -21.08	29.73 0.54 -21.97
TRINITY__115KV__ 4 BK 55933	25.35 0.24 -19.25	23.09 0.21 -17.74	20.57 0.23 -14.87	19.82 0.20 -14.54	20.26 0.20 -14.97	21.48 0.24 -15.27	28.27 0.30 -20.59	33.24 0.25 -26.35	27.14 0.30 -19.04	22.43 0.34 -13.40	23.19 0.34 -14.16	22.98 0.34 -14.14	23.09 0.33 -14.12	25.50 0.32 -17.02	26.42 0.30 -18.46	29.08 0.31 -20.95	34.82 0.37 -25.49	46.72 0.40 -36.57	47.53 0.42 -36.50	42.63 0.73 -23.58	41.69 0.73 -22.31	37.11 0.38 -27.28	26.29 0.43 -15.49	24.46 0.30 -16.95

UNION___PROCESSING_DRP 323587	8.07 0.02 -2.20	7.17 0.01 -2.02	7.20 0.04 -1.70	6.74 0.00 -1.66	6.81 0.02 -1.71	7.73 0.02 -1.74	9.74 0.01 -2.35	9.57 -0.07 -3.01	9.82 -0.12 -2.15	10.04 -0.16 -1.51	10.16 -0.12 -1.59	9.99 -0.11 -1.59	10.07 -0.16 -1.59	9.96 -0.13 -1.93	9.64 -0.12 -2.11	10.09 -0.14 -2.41	11.76 -0.16 -2.97	13.81 -0.24 -4.31	14.59 -0.27 -4.25	20.54 -0.48 -2.70	20.67 -0.48 -2.51	12.35 -0.17 -3.07	11.99 -0.13 -1.74	9.17 0.05 -1.91
UPPER HUDSON___HYD 24058	26.26 0.32 -20.09	23.92 0.27 -18.51	21.32 0.33 -15.52	20.55 0.30 -15.17	21.01 0.31 -15.61	22.27 0.38 -15.93	29.38 0.52 -21.48	34.59 0.46 -27.50	28.20 0.54 -19.87	23.23 0.56 -13.98	24.00 0.54 -14.77	23.80 0.55 -14.75	23.84 0.47 -14.73	26.38 0.45 -17.77	27.36 0.42 -19.28	30.11 0.41 -21.88	36.08 0.48 -26.64	48.54 0.56 -38.24	49.36 0.60 -38.15	44.06 1.14 -24.61	43.06 1.14 -23.28	38.47 0.55 -28.46	27.20 0.66 -16.16	25.32 0.43 -17.68
UPPER RAQUET___HYD 24056	5.72 -0.13 0.00	5.03 -0.11 0.00	5.33 -0.13 0.00	4.98 -0.10 0.00	4.99 -0.10 0.00	5.85 -0.12 0.00	7.28 -0.10 0.00	6.56 -0.07 0.00	7.69 -0.10 0.00	8.57 -0.12 0.00	8.55 -0.14 0.00	8.34 -0.17 0.00	8.54 -0.11 0.00	7.97 -0.19 0.00	7.38 -0.28 0.00	7.55 -0.27 0.00	8.65 -0.30 0.00	9.47 -0.27 0.00	10.32 -0.29 0.00	17.81 -0.51 0.00	18.22 -0.43 0.00	9.30 -0.16 0.00	10.19 -0.19 0.00	7.07 -0.14 0.00
VALLEY44_115KV_TB2 355964	9.03 -0.03 -3.20	8.08 -0.01 -2.95	7.95 0.01 -2.47	7.47 -0.03 -2.42	7.56 -0.02 -2.49	8.48 -0.02 -2.54	10.73 -0.07 -3.42	10.82 -0.19 -4.38	10.78 -0.24 -3.23	10.67 -0.29 -2.27	10.83 -0.25 -2.39	10.66 -0.24 -2.39	10.73 -0.30 -2.39	10.82 -0.24 -2.90	10.61 -0.22 -3.17	11.19 -0.27 -3.63	13.14 -0.28 -4.46	15.81 -0.41 -6.48	16.59 -0.40 -6.39	21.65 -0.73 -4.06	21.60 -0.82 -3.77	13.73 -0.34 -4.61	12.70 -0.30 -2.62	10.05 -0.03 -2.87
VALLEY___115KV_TB 1-4 80826	5.90 0.04 0.00	5.19 0.04 0.00	5.51 0.04 0.00	5.11 0.03 0.00	5.12 0.04 0.00	6.01 0.05 0.00	7.45 0.07 0.00	6.65 0.02 0.00	7.81 0.02 0.00	8.75 0.06 0.00	8.71 0.03 0.00	8.54 0.03 0.00	8.68 0.03 0.00	8.18 0.02 0.00	7.68 0.02 0.00	7.86 0.04 0.00	9.00 0.04 0.00	9.80 0.06 0.00	10.66 0.05 0.00	18.45 0.13 0.00	18.74 0.09 0.00	9.50 0.04 0.00	10.46 0.08 0.00	7.27 0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	12.60 0.25 -6.49	11.35 0.23 -5.98	10.71 0.23 -5.02	10.16 0.18 -4.90	10.33 0.19 -5.05	11.36 0.24 -5.15	14.64 0.32 -6.94	15.81 0.29 -8.89	14.58 0.31 -6.48	13.56 0.33 -4.54	13.85 0.36 -4.80	13.65 0.36 -4.79	13.79 0.35 -4.78	14.30 0.32 -5.82	14.31 0.31 -6.35	15.44 0.34 -7.27	18.30 0.40 -8.94	23.16 0.45 -12.97	23.87 0.48 -12.79	27.41 0.95 -8.14	27.14 0.93 -7.56	19.12 0.43 -9.24	16.03 0.40 -5.25	13.25 0.30 -5.74
VISCHER___FERRY HYD 24020	25.67 0.25 -19.56	23.38 0.22 -18.02	20.81 0.23 -15.11	20.07 0.21 -14.77	20.51 0.21 -15.21	21.73 0.26 -15.51	28.63 0.32 -20.92	33.67 0.27 -26.78	27.43 0.32 -19.32	22.66 0.35 -13.62	23.42 0.35 -14.39	23.21 0.34 -14.37	23.31 0.32 -14.34	25.72 0.31 -17.25	26.63 0.30 -18.67	29.24 0.30 -21.12	34.93 0.36 -25.61	46.75 0.40 -36.60	47.72 0.43 -36.68	42.88 0.77 -23.79	42.08 0.76 -22.67	37.57 0.40 -27.72	26.56 0.45 -15.74	24.74 0.30 -17.22
V_A_10_SYNC_DSASP 323832	8.28 -0.03 -2.45	7.38 -0.02 -2.26	7.36 0.00 -1.89	6.90 -0.03 -1.85	6.98 -0.02 -1.90	7.88 -0.03 -1.94	9.90 -0.10 -2.62	9.77 -0.22 -3.35	9.93 -0.29 -2.42	10.05 -0.34 -1.70	10.15 -0.33 -1.79	10.01 -0.29 -1.79	10.07 -0.36 -1.79	10.03 -0.30 -2.18	9.75 -0.28 -2.38	10.22 -0.32 -2.72	11.93 -0.37 -3.35	14.10 -0.50 -4.86	14.86 -0.53 -4.79	20.36 -1.01 -3.05	20.41 -1.06 -2.83	12.51 -0.41 -3.46	12.01 -0.33 -1.96	9.33 -0.04 -2.15
V_CMM_10_SYNC_DSASP 323787	5.71 -0.15 0.00	5.02 -0.12 0.00	5.32 -0.14 0.00	4.98 -0.10 0.00	4.98 -0.11 0.00	5.83 -0.14 0.00	7.23 -0.15 0.00	6.52 -0.11 0.00	7.66 -0.13 0.00	8.54 -0.16 0.00	8.53 -0.16 0.00	8.33 -0.18 0.00	8.50 -0.15 0.00	8.00 -0.16 0.00	7.50 -0.16 0.00	7.65 -0.17 0.00	8.76 -0.20 0.00	9.56 -0.19 0.00	10.41 -0.19 0.00	17.93 -0.39 0.00	18.26 -0.39 0.00	9.27 -0.19 0.00	10.15 -0.23 0.00	7.03 -0.18 0.00
V_CMP_10_SYNC_DSASP 323788	5.85 -0.01 0.00	5.14 -0.01 0.00	5.45 -0.01 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.00 0.04 0.00	7.49 0.11 0.00	6.79 0.16 0.00	7.99 0.20 0.00	8.87 0.18 0.00	8.91 0.23 0.00	8.69 0.18 0.00	8.90 0.25 0.00	8.35 0.20 0.00	7.82 0.16 0.00	7.97 0.15 0.00	9.14 0.18 0.00	10.05 0.30 0.00	10.95 0.35 0.00	18.79 0.48 0.00	19.15 0.50 0.00	9.68 0.22 0.00	10.50 0.12 0.00	7.29 0.08 0.00
V_E_10_SYNC_DSASP 323830	11.23 0.47 -4.90	10.10 0.44 -4.51	9.70 0.45 -3.79	9.09 0.31 -3.70	9.24 0.34 -3.81	10.31 0.46 -3.88	13.23 0.61 -5.24	13.78 0.44 -6.71	13.13 0.40 -4.93	12.61 0.46 -3.46	12.72 0.38 -3.65	12.52 0.37 -3.65	12.63 0.34 -3.64	12.87 0.29 -4.43	12.77 0.28 -4.83	13.74 0.38 -5.53	16.26 0.50 -6.80	20.25 0.64 -9.87	21.11 0.77 -9.73	26.25 1.74 -6.19	26.15 1.75 -5.75	17.21 0.72 -7.03	15.13 0.76 -3.99	12.15 0.56 -4.37
V_F_30_NSYNC___DSASP 323816	26.18 0.30 -20.01	23.85 0.27 -18.44	21.22 0.29 -15.46	20.46 0.27 -15.11	20.92 0.27 -15.56	22.17 0.33 -15.87	29.22 0.44 -21.40	34.40 0.38 -27.39	28.03 0.44 -19.79	23.09 0.47 -13.93	23.87 0.46 -14.72	23.66 0.46 -14.70	23.76 0.43 -14.67	26.27 0.42 -17.70	27.25 0.40 -19.19	30.00 0.41 -21.77	35.92 0.47 -26.49	48.28 0.54 -38.00	49.11 0.57 -37.93	43.85 1.04 -24.49	42.90 1.06 -23.19	38.34 0.53 -28.35	27.07 0.59 -16.10	25.23 0.40 -17.62
V_F_30_SYNC_DSASP 323786	25.73 0.27 -19.61	23.44 0.24 -18.06	20.86 0.25 -15.15	20.11 0.23 -14.80	20.56 0.23 -15.24	21.79 0.27 -15.55	28.69 0.35 -20.97	33.77 0.30 -26.84	27.56 0.36 -19.41	22.73 0.39 -13.65	23.49 0.38 -14.42	23.29 0.38 -14.40	23.41 0.38 -14.38	25.89 0.37 -17.36	26.86 0.35 -18.84	29.60 0.37 -21.41	35.47 0.42 -26.10	47.71 0.47 -37.50	48.47 0.50 -37.36	43.25 0.86 -24.07	42.24 0.88 -22.72	37.68 0.44 -27.78	26.65 0.50 -15.77	24.81 0.34 -17.26
V_XM_10_SYNC_DSASP 323789	5.85 -0.01 0.00	5.14 -0.01 0.00	5.45 -0.01 0.00	5.11 0.03 0.00	5.12 0.03 0.00	6.00 0.04 0.00	7.49 0.11 0.00	6.79 0.16 0.00	7.99 0.20 0.00	8.87 0.18 0.00	8.91 0.23 0.00	8.69 0.18 0.00	8.90 0.25 0.00	8.35 0.20 0.00	7.82 0.16 0.00	7.97 0.15 0.00	9.14 0.18 0.00	10.05 0.30 0.00	10.95 0.35 0.00	18.79 0.48 0.00	19.15 0.50 0.00	9.68 0.22 0.00	10.50 0.12 0.00	7.29 0.08 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.17 0.35 -14.97	19.23 0.30 -13.79	17.34 0.31 -11.56	16.67 0.28 -11.30	17.01 0.29 -11.63	18.17 0.33 -11.87	23.81 0.42 -16.01	27.51 0.39 -20.49	23.25 0.50 -14.96	19.69 0.57 -10.42	20.26 0.56 -11.01	20.06 0.56 -10.99	20.22 0.60 -10.98	22.23 0.56 -13.51	23.04 0.53 -14.85	25.56 0.52 -17.22	30.96 0.59 -21.41	41.86 0.64 -31.47	41.93 0.71 -30.62	38.65 1.19 -19.14	37.21 1.21 -17.35	31.26 0.59 -21.21	23.06 0.63 -12.04	20.82 0.43 -13.18

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.79 0.39 -15.54	19.80 0.34 -14.32	17.82 0.35 -12.00	17.13 0.32 -11.73	17.50 0.33 -12.08	18.66 0.38 -12.32	24.47 0.47 -16.62	28.34 0.44 -21.27	23.90 0.58 -15.53	20.18 0.67 -10.82	20.77 0.65 -11.43	20.57 0.65 -11.41	20.73 0.68 -11.40	22.84 0.64 -14.03	23.68 0.59 -15.43	26.29 0.58 -17.89	31.85 0.64 -22.25	43.18 0.71 -32.73	43.19 0.76 -31.82	39.50 1.30 -19.88	37.96 1.31 -18.01	32.13 0.65 -22.02	23.60 0.72 -12.50	21.39 0.49 -13.69
W50THST__13_KV_LOAD 356117	21.81 0.42 -15.54	19.82 0.36 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.52 0.35 -12.08	18.69 0.41 -12.32	24.50 0.50 -16.62	28.38 0.48 -21.27	23.94 0.62 -15.53	20.22 0.71 -10.82	20.81 0.69 -11.43	20.62 0.70 -11.41	20.78 0.74 -11.40	22.89 0.69 -14.03	23.72 0.64 -15.43	26.34 0.63 -17.89	31.90 0.69 -22.25	43.23 0.76 -32.73	43.24 0.82 -31.82	39.60 1.39 -19.88	38.06 1.40 -18.01	32.18 0.70 -22.02	23.64 0.76 -12.50	21.42 0.52 -13.69
WADING RIVER_IC_1 23522	22.67 0.49 -16.32	19.88 0.42 -14.32	17.92 0.45 -12.01	17.24 0.42 -11.74	17.62 0.45 -12.08	22.27 0.46 -15.85	27.14 0.53 -19.23	29.91 0.48 -22.80	30.67 0.63 -22.24	29.93 0.74 -20.50	30.10 0.55 -20.86	31.59 0.53 -22.55	32.04 0.56 -22.83	31.84 0.51 -23.18	33.89 0.48 -25.76	44.47 0.49 -36.16	45.37 0.61 -35.80	56.62 0.69 -46.19	50.38 0.75 -39.02	42.94 1.28 -23.34	39.76 1.29 -19.83	37.61 0.61 -27.54	32.07 0.61 -21.08	29.64 0.45 -21.97
WADING RIVER_IC_2 23547	22.67 0.49 -16.32	19.88 0.42 -14.32	17.92 0.45 -12.01	17.24 0.42 -11.74	17.62 0.45 -12.08	22.27 0.46 -15.85	27.14 0.53 -19.23	29.91 0.48 -22.80	30.67 0.63 -22.24	29.93 0.74 -20.50	30.10 0.55 -20.86	31.59 0.53 -22.55	32.04 0.56 -22.83	31.84 0.51 -23.18	33.89 0.48 -25.76	44.47 0.49 -36.16	45.37 0.61 -35.80	56.62 0.69 -46.19	50.38 0.75 -39.02	42.94 1.28 -23.34	39.76 1.29 -19.83	37.61 0.61 -27.54	32.07 0.61 -21.08	29.64 0.45 -21.97
WADING RIVER_IC_3 23601	22.67 0.49 -16.32	19.88 0.42 -14.32	17.92 0.45 -12.01	17.24 0.42 -11.74	17.62 0.45 -12.08	22.27 0.46 -15.85	27.14 0.53 -19.23	29.91 0.48 -22.80	30.67 0.63 -22.24	29.93 0.74 -20.50	30.10 0.55 -20.86	31.59 0.53 -22.55	32.04 0.56 -22.83	31.84 0.51 -23.18	33.89 0.48 -25.76	44.47 0.49 -36.16	45.37 0.61 -35.80	56.62 0.69 -46.19	50.38 0.75 -39.02	42.94 1.28 -23.34	39.76 1.29 -19.83	37.61 0.61 -27.54	32.07 0.61 -21.08	29.64 0.45 -21.97
WALDENNY_12_KV_BK2 80841	8.77 0.01 -2.91	7.84 0.02 -2.68	7.76 0.05 -2.25	7.29 0.01 -2.20	7.37 0.03 -2.26	8.28 0.01 -2.31	10.43 -0.06 -3.11	10.40 -0.21 -3.98	10.44 -0.26 -2.91	10.43 -0.30 -2.04	10.58 -0.26 -2.15	10.42 -0.24 -2.15	10.48 -0.31 -2.15	10.53 -0.24 -2.61	10.28 -0.23 -2.85	10.81 -0.28 -3.27	12.65 -0.32 -4.02	15.10 -0.47 -5.83	15.88 -0.48 -5.75	21.06 -0.92 -3.66	21.04 -1.01 -3.40	13.23 -0.38 -4.15	12.45 -0.29 -2.36	9.80 0.01 -2.58
WALDEN__HYDRO 24148	21.18 0.33 -15.00	19.24 0.28 -13.82	17.33 0.28 -11.59	16.67 0.26 -11.32	17.01 0.27 -11.66	18.17 0.31 -11.89	23.80 0.38 -16.04	27.51 0.35 -20.53	23.21 0.44 -14.98	19.63 0.50 -10.44	20.21 0.49 -11.04	20.03 0.50 -11.02	20.16 0.51 -11.00	22.17 0.49 -13.52	22.97 0.46 -14.85	25.46 0.45 -17.19	30.82 0.53 -21.34	41.66 0.59 -31.32	41.81 0.68 -30.52	38.60 1.15 -19.12	37.23 1.19 -17.39	31.27 0.56 -21.26	23.05 0.60 -12.07	20.82 0.40 -13.21
WARRENSBURG____ 23737	26.26 0.32 -20.09	23.92 0.27 -18.51	21.32 0.33 -15.52	20.55 0.30 -15.17	21.01 0.31 -15.61	22.27 0.38 -15.93	29.38 0.52 -21.48	34.59 0.46 -27.50	28.20 0.54 -19.87	23.23 0.56 -13.98	24.00 0.54 -14.77	23.80 0.55 -14.75	23.84 0.47 -14.73	26.38 0.45 -17.77	27.36 0.42 -19.28	30.11 0.41 -21.88	36.08 0.48 -26.64	48.54 0.56 -38.24	49.36 0.60 -38.15	44.06 1.14 -24.61	43.06 1.14 -23.28	38.47 0.55 -28.46	27.20 0.66 -16.16	25.32 0.43 -17.68
WATERSIDE____6 8 9 23538	21.80 0.40 -15.54	19.81 0.35 -14.32	17.82 0.36 -12.00	17.14 0.33 -11.73	17.51 0.34 -12.08	18.67 0.38 -12.32	24.48 0.48 -16.62	28.36 0.46 -21.28	23.92 0.59 -15.54	20.20 0.69 -10.83	20.79 0.67 -11.44	20.59 0.66 -11.42	20.75 0.70 -11.40	25.35 0.66 -16.53	23.70 0.61 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.20 0.73 -32.73	43.20 0.77 -31.82	39.50 1.30 -19.88	37.96 1.31 -18.01	32.17 0.68 -22.03	23.63 0.75 -12.50	21.41 0.51 -13.69
WATKINRD_115KV_LN8_ILLION 55919	5.90 0.04 0.00	5.18 0.04 0.00	5.50 0.04 0.00	5.10 0.02 0.00	5.11 0.03 0.00	6.00 0.04 0.00	7.43 0.05 0.00	6.65 0.02 0.00	7.81 0.02 0.00	8.74 0.04 0.00	8.70 0.02 0.00	8.53 0.03 0.00	8.67 0.03 0.00	8.18 0.02 0.00	7.68 0.02 0.00	7.85 0.03 0.00	9.00 0.04 0.00	9.79 0.05 0.00	10.65 0.04 0.00	18.45 0.13 0.00	18.76 0.11 0.00	9.50 0.05 0.00	10.45 0.07 0.00	7.26 0.05 0.00
WATSON____69_KV_BK 1 55734	22.74 0.56 -16.32	19.93 0.47 -14.32	17.96 0.49 -12.01	17.27 0.45 -11.74	17.65 0.48 -12.08	22.33 0.52 -15.85	27.24 0.63 -19.23	30.04 0.61 -22.80	30.81 0.77 -22.24	30.03 0.83 -20.50	30.34 0.79 -20.86	31.83 0.77 -22.55	32.29 0.80 -22.83	32.08 0.74 -23.18	34.10 0.69 -25.76	44.69 0.70 -36.16	45.59 0.83 -35.80	56.81 0.88 -46.19	50.58 0.95 -39.02	43.31 1.65 -23.34	40.13 1.66 -19.83	37.87 0.88 -27.54	32.34 0.88 -21.08	29.81 0.63 -21.97
WDELAWARE__HYD 323627	19.99 0.27 -13.86	18.15 0.23 -12.77	16.40 0.23 -10.71	15.76 0.21 -10.47	16.08 0.22 -10.78	17.21 0.25 -10.99	22.52 0.32 -14.83	25.89 0.28 -18.98	21.97 0.35 -13.83	18.76 0.42 -9.65	19.29 0.41 -10.19	19.10 0.41 -10.18	19.24 0.42 -10.16	21.03 0.40 -12.47	21.52 0.19 -13.67	23.81 0.19 -15.80	28.76 0.23 -19.57	38.69 0.28 -28.66	38.94 0.34 -28.00	36.48 0.57 -17.59	35.73 1.02 -16.06	29.56 0.46 -19.64	22.04 0.51 -11.15	19.75 0.33 -12.20
WEST BABYLON__IC 23714	22.72 0.54 -16.32	19.92 0.46 -14.32	17.95 0.48 -12.01	17.25 0.44 -11.74	17.63 0.46 -12.08	22.32 0.51 -15.85	27.23 0.63 -19.23	30.03 0.60 -22.80	30.79 0.76 -22.24	30.01 0.82 -20.50	30.35 0.80 -20.86	31.84 0.77 -22.55	32.29 0.80 -22.83	32.09 0.75 -23.18	34.11 0.70 -25.76	44.66 0.68 -36.16	45.56 0.80 -35.80	56.77 0.84 -46.19	50.55 0.92 -39.02	43.27 1.61 -23.34	40.10 1.62 -19.83	37.85 0.86 -27.54	32.35 0.89 -21.08	29.81 0.62 -21.97
WEST CANADA__HYD 24049	5.88 0.02 0.00	5.16 0.02 0.00	5.48 0.02 0.00	5.09 0.01 0.00	5.10 0.01 0.00	5.98 0.02 0.00	7.40 0.02 0.00	6.64 0.01 0.00	7.80 0.01 0.00	8.71 0.02 0.00	8.70 0.01 0.00	8.52 0.01 0.00	8.66 0.01 0.00	8.17 0.01 0.00	7.67 0.01 0.00	7.84 0.02 0.00	8.97 0.02 0.00	9.76 0.02 0.00	10.63 0.02 0.00	18.37 0.06 0.00	18.70 0.06 0.00	9.49 0.03 0.00	10.41 0.03 0.00	7.24 0.02 0.00
WESTERN_NY_WIND 24143	8.52 0.01 -2.66	7.60 0.01 -2.45	7.57 0.05 -2.05	7.10 0.02 -2.01	7.19 0.04 -2.07	8.09 0.02 -2.11	10.16 -0.06 -2.84	10.04 -0.23 -3.64	10.13 -0.30 -2.64	10.17 -0.37 -1.85	10.26 -0.38 -1.96	10.13 -0.33 -1.95	10.17 -0.42 -1.95	10.18 -0.35 -2.37	9.93 -0.32 -2.59	10.41 -0.38 -2.97	12.19 -0.41 -3.65	14.49 -0.55 -5.29	15.25 -0.57 -5.22	20.60 -1.04 -3.32	20.63 -1.10 -3.08	12.81 -0.42 -3.77	12.20 -0.32 -2.14	9.56 0.01 -2.34

WESTOVER___LESR 323668	11.14 0.12 -5.16	10.00 0.10 -4.75	9.57 0.11 -3.99	9.05 0.08 -3.90	9.18 0.09 -4.01	10.17 0.11 -4.09	13.03 0.13 -5.52	13.75 0.06 -7.06	13.02 0.05 -5.19	12.38 0.05 -3.63	12.58 0.05 -3.84	12.39 0.05 -3.83	12.50 0.03 -3.83	12.86 0.05 -4.66	12.79 0.05 -5.08	13.70 0.05 -5.82	16.18 0.07 -7.15	20.17 0.05 -10.38	20.90 0.06 -10.24	24.96 0.13 -6.51	24.83 0.13 -6.05	16.93 0.08 -7.39	14.69 0.11 -4.20	11.95 0.14 -4.59
WETHRSFD_WT_PWR 323626	9.14 0.00 -3.28	8.18 0.02 -3.02	8.04 0.04 -2.53	7.56 0.01 -2.48	7.65 0.02 -2.55	8.57 0.01 -2.60	10.83 -0.05 -3.51	10.94 -0.18 -4.49	10.85 -0.23 -3.29	10.72 -0.28 -2.31	10.87 -0.26 -2.44	10.71 -0.23 -2.43	10.79 -0.29 -2.43	10.88 -0.24 -2.96	10.67 -0.21 -3.23	11.28 -0.25 -3.71	13.24 -0.28 -4.56	15.96 -0.40 -6.61	16.71 -0.41 -6.52	21.68 -0.79 -4.15	21.64 -0.86 -3.85	13.82 -0.33 -4.70	12.79 -0.26 -2.67	10.13 0.00 -2.92
WHAVSTOR_138KV_BK127 55557	21.17 0.33 -14.99	19.23 0.28 -13.81	17.33 0.29 -11.58	16.67 0.27 -11.32	17.01 0.27 -11.65	18.16 0.32 -11.88	23.80 0.39 -16.03	27.51 0.36 -20.51	23.24 0.47 -14.98	19.66 0.54 -10.43	20.24 0.53 -11.02	20.04 0.53 -11.01	20.20 0.56 -10.99	22.22 0.53 -13.53	23.03 0.50 -14.87	25.55 0.48 -17.24	30.94 0.55 -21.44	41.86 0.60 -31.52	41.92 0.66 -30.66	38.60 1.12 -19.16	37.14 1.12 -17.37	31.24 0.55 -21.24	23.03 0.59 -12.06	20.81 0.40 -13.19
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.17 0.33 -14.99	19.23 0.28 -13.81	17.33 0.29 -11.58	16.67 0.27 -11.32	17.01 0.27 -11.65	18.16 0.32 -11.88	23.80 0.39 -16.03	27.51 0.36 -20.51	23.24 0.47 -14.98	19.66 0.54 -10.43	20.24 0.53 -11.02	20.04 0.53 -11.01	20.20 0.56 -10.99	22.22 0.53 -13.53	23.03 0.50 -14.87	25.55 0.48 -17.24	30.94 0.55 -21.44	41.86 0.60 -31.52	41.92 0.66 -30.66	38.60 1.12 -19.16	37.14 1.12 -17.37	31.24 0.55 -21.24	23.03 0.59 -12.06	20.81 0.40 -13.19
WHITEHAL_115KV_TB1 80871	26.31 0.40 -20.06	23.97 0.34 -18.48	21.36 0.40 -15.49	20.59 0.37 -15.14	21.05 0.37 -15.59	22.34 0.47 -15.90	29.47 0.64 -21.45	34.68 0.60 -27.45	28.32 0.69 -19.84	23.33 0.68 -13.96	24.13 0.69 -14.75	23.93 0.69 -14.73	23.97 0.61 -14.71	26.48 0.58 -17.74	27.46 0.56 -19.24	30.23 0.57 -21.84	36.21 0.68 -26.58	48.67 0.79 -38.14	49.50 0.84 -38.06	44.45 1.58 -24.56	43.49 1.60 -23.24	38.64 0.77 -28.42	27.38 0.86 -16.13	25.42 0.55 -17.65
WHITEPLN_13_KV_LOAD 356215	21.75 0.38 -15.51	19.76 0.33 -14.29	17.78 0.33 -11.98	17.10 0.31 -11.71	17.46 0.32 -12.05	18.62 0.36 -12.30	24.42 0.46 -16.59	28.27 0.42 -21.23	23.82 0.53 -15.50	20.11 0.63 -10.80	20.70 0.60 -11.41	20.49 0.60 -11.39	20.64 0.62 -11.37	22.76 0.60 -14.00	23.61 0.55 -15.40	26.23 0.56 -17.86	31.78 0.62 -22.21	43.09 0.68 -32.66	43.11 0.74 -31.76	39.43 1.26 -19.84	37.91 1.29 -17.97	32.07 0.63 -21.98	23.54 0.69 -12.48	21.33 0.46 -13.65
WM_FLOYD_69_KV_BK2 356380	22.69 0.51 -16.32	19.90 0.43 -14.32	17.93 0.46 -12.01	17.25 0.43 -11.74	17.63 0.46 -12.08	22.29 0.48 -15.85	27.17 0.56 -19.23	29.96 0.53 -22.80	30.71 0.67 -22.24	29.96 0.76 -20.50	30.19 0.63 -20.86	31.67 0.61 -22.55	32.13 0.65 -22.83	31.93 0.59 -23.18	33.96 0.54 -25.76	44.55 0.56 -36.16	45.44 0.68 -35.80	56.68 0.75 -46.19	50.45 0.82 -39.02	43.07 1.41 -23.34	39.89 1.42 -19.83	37.70 0.71 -27.54	32.16 0.71 -21.08	29.70 0.52 -21.97
WOODARD__115KV_TB2 355635	7.54 -0.03 -1.71	6.69 -0.03 -1.57	6.75 -0.03 -1.32	6.31 -0.06 -1.29	6.37 -0.05 -1.33	7.28 -0.04 -1.35	9.16 -0.04 -1.82	8.89 -0.08 -2.34	9.35 -0.12 -1.67	9.74 -0.12 -1.17	9.81 -0.11 -1.24	9.63 -0.11 -1.24	9.75 -0.14 -1.24	9.55 -0.11 -1.50	9.21 -0.09 -1.64	9.61 -0.09 -1.88	11.16 -0.11 -2.31	12.96 -0.14 -3.35	13.76 -0.15 -3.30	20.18 -0.24 -2.10	20.38 -0.22 -1.95	11.73 -0.11 -2.39	11.63 -0.10 -1.36	8.66 -0.04 -1.48
YORK___WARBASSE 23770	21.82 0.43 -15.54	19.83 0.37 -14.32	17.83 0.37 -12.00	17.15 0.34 -11.73	17.51 0.35 -12.08	18.67 0.39 -12.32	24.48 0.48 -16.62	28.37 0.46 -21.28	23.92 0.59 -15.54	20.20 0.68 -10.83	20.80 0.67 -11.44	20.59 0.66 -11.42	20.75 0.70 -11.40	25.75 0.66 -16.93	23.70 0.61 -15.44	26.32 0.59 -17.90	31.88 0.66 -22.26	43.22 0.75 -32.73	43.22 0.80 -31.82	39.52 1.32 -19.88	38.00 1.34 -18.01	32.18 0.69 -22.03	23.66 0.78 -12.50	21.44 0.54 -13.69