

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/27/2023

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	22.18	19.85	18.79	18.71	18.75	20.71	29.54	36.71	34.49	29.73	29.64	29.57	29.56	30.68	31.82	33.73	40.12	58.32	54.69	42.48	33.52	30.42	26.51	23.70
24138	0.97	0.82	0.59	0.57	0.68	0.91	1.29	1.66	1.59	2.04	2.00	2.00	1.90	1.84	1.68	1.49	1.57	1.84	2.44	1.95	1.56	1.57	0.97	1.20
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.81	-11.98	-15.75	-15.64	-7.30	-8.39	-8.70	-9.61	-11.18	-14.11	-17.66	-22.22	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
74TH STREET_GT_1	22.17	19.83	18.78	18.70	18.74	20.69	29.51	36.67	34.45	29.67	29.59	29.53	29.53	30.64	31.77	33.70	40.08	58.30	54.67	42.46	33.50	30.40	26.48	23.68
24260	0.95	0.80	0.59	0.55	0.67	0.89	1.25	1.62	1.55	1.98	1.94	1.96	1.86	1.80	1.63	1.46	1.54	1.82	2.41	1.93	1.54	1.55	0.94	1.17
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.81	-11.98	-15.75	-15.64	-7.29	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
74TH STREET_GT_2	22.17	19.83	18.78	18.70	18.74	20.69	29.51	36.67	34.45	29.67	29.59	29.53	29.53	30.64	31.77	33.70	40.08	58.30	54.67	42.46	33.50	30.40	26.48	23.68
24261	0.95	0.80	0.59	0.55	0.67	0.89	1.25	1.62	1.55	1.98	1.94	1.96	1.86	1.80	1.63	1.46	1.54	1.82	2.41	1.93	1.54	1.55	0.94	1.17
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.81	-11.98	-15.75	-15.64	-7.29	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
ADK HUDSON___FALLS	24.47	22.02	21.60	21.62	21.20	22.85	32.83	40.99	38.60	31.31	31.43	31.36	31.62	33.23	35.20	38.18	45.79	68.10	61.36	47.38	37.11	33.15	30.08	25.61
24011	0.68	0.60	0.47	0.45	0.64	0.92	1.30	1.64	1.43	1.63	1.50	1.42	1.34	1.34	1.22	1.12	1.18	1.33	1.85	1.45	1.21	1.07	0.67	0.80
	-12.01	-11.15	-13.72	-14.08	-11.61	-9.94	-15.25	-20.05	-19.91	-9.28	-10.68	-11.07	-12.23	-14.23	-17.96	-22.48	-28.28	-48.02	-33.84	-25.20	-18.38	-15.05	-18.04	-10.71
ADK RESOURCE___RCVRY	24.52	22.05	21.63	21.65	21.26	22.92	32.92	41.14	38.72	31.44	31.56	31.48	31.70	33.33	35.29	38.27	45.87	68.23	61.51	47.50	37.21	33.23	30.12	25.65
23798	0.72	0.63	0.49	0.47	0.69	0.98	1.38	1.77	1.54	1.75	1.62	1.53	1.41	1.43	1.30	1.20	1.24	1.42	1.98	1.56	1.30	1.14	0.71	0.85
	-12.02	-11.16	-13.73	-14.09	-11.61	-9.94	-15.26	-20.06	-19.92	-9.29	-10.69	-11.08	-12.23	-14.24	-17.97	-22.50	-28.30	-48.05	-33.86	-25.22	-18.40	-15.06	-18.05	-10.71
ADK S GLENS___FALLS	24.47	22.02	21.60	21.62	21.20	22.85	32.83	40.99	38.60	31.31	31.43	31.36	31.62	33.23	35.20	38.18	45.79	68.10	61.36	47.38	37.11	33.15	30.08	25.61
24028	0.68	0.60	0.47	0.45	0.64	0.92	1.30	1.64	1.43	1.63	1.50	1.42	1.34	1.34	1.22	1.12	1.18	1.33	1.85	1.45	1.21	1.07	0.67	0.80
	-12.01	-11.15	-13.72	-14.08	-11.61	-9.94	-15.25	-20.05	-19.91	-9.28	-10.68	-11.07	-12.23	-14.23	-17.96	-22.48	-28.28	-48.02	-33.84	-25.20	-18.38	-15.05	-18.04	-10.71
ADK_NYS___DAM	24.00	21.60	21.01	21.00	20.64	22.30	31.93	39.85	37.47	30.62	30.65	30.64	30.86	32.36	34.15	36.94	44.41	65.80	59.71	46.19	36.24	32.52	29.30	25.22
23527	0.77	0.70	0.50	0.48	0.62	0.83	1.11	1.43	1.23	1.37	1.21	1.21	1.14	1.13	0.99	0.92	1.11	1.26	1.77	1.43	1.19	1.14	0.73	0.92
	-11.45	-10.63	-13.08	-13.43	-11.07	-9.48	-14.54	-19.12	-18.99	-8.86	-10.18	-10.56	-11.66	-13.58	-17.13	-21.44	-26.97	-45.79	-32.27	-24.03	-17.53	-14.35	-17.20	-10.21
AIR_PRODUCTS___DRP	23.67	21.29	20.84	20.86	20.39	21.93	31.44	39.19	36.93	29.86	30.02	29.99	30.29	31.83	33.74	36.60	44.01	65.51	58.93	45.54	35.69	31.96	29.06	24.79
24190	0.31	0.27	0.19	0.18	0.24	0.35	0.46	0.54	0.47	0.51	0.46	0.43	0.43	0.44	0.38	0.34	0.39	0.43	0.62	0.50	0.44	0.41	0.28	0.37
	-11.59	-10.76	-13.24	-13.59	-11.20	-9.59	-14.71	-19.34	-19.21	-8.96	-10.30	-10.68	-11.80	-13.73	-17.33	-21.69	-27.28	-46.33	-32.65	-24.32	-17.74	-14.52	-17.40	-10.33
AKWESSNE_115KV_BK	1.27	2.03	2.41	1.11	1.07	0.79	3.36	4.82	3.68	5.18	9.60	9.39	8.97	8.75	11.01	11.05	15.68	18.06	24.67	14.88	8.74	5.05	5.72	7.03
355683	-0.37	-0.31	-0.23	-0.22	-0.28	-0.37	-0.57	-0.69	-0.66	-0.80	-0.71	-0.70	-0.69	-0.67	-0.61	-0.58	-0.65	-0.69	-1.00	-0.81	-0.67	-0.65	-0.41	-0.52
	10.14	7.93	4.77	5.75	7.61	10.83	12.34	13.78	12.93	14.42	8.94	8.78	8.41	8.24	4.41	2.95	0.00	0.00	0.00	5.04	8.11	11.33	5.24	6.54
ALBANY___1	23.67	21.29	20.84	20.86	20.39	21.93	31.44	39.19	36.93	29.86	30.02	29.99	30.29	31.83	33.74	36.60	44.01	65.51	58.93	45.54	35.69	31.96	29.06	24.79
23571	0.31	0.27	0.19	0.18	0.24	0.35	0.46	0.54	0.47	0.51	0.46	0.43	0.43	0.44	0.38	0.34	0.39	0.43	0.62	0.50	0.44	0.41	0.28	0.37
	-11.59	-10.76	-13.24	-13.59	-11.20	-9.59	-14.71	-19.34	-19.21	-8.96	-10.30	-10.68	-11.80	-13.73	-17.33	-21.69	-27.28	-46.33	-32.65	-24.32	-17.74	-14.52	-17.40	-10.33
ALBANY___2	23.67	21.29	20.84	20.86	20.39	21.93	31.44	39.19	36.93	29.86	30.02	29.99	30.29	31.83	33.74	36.60	44.01	65.51	58.93	45.54	35.69	31.96	29.06	24.79
23572	0.31	0.27	0.19	0.18	0.24	0.35	0.46	0.54	0.47	0.51	0.46	0.43	0.43	0.44	0.38	0.34	0.39	0.43	0.62	0.50	0.44	0.41	0.28	0.37
	-11.59	-10.76	-13.24	-13.59	-11.20	-9.59	-14.71	-19.34	-19.21	-8.96	-10.30	-10.68	-11.80	-13.73	-17.33	-21.69	-27.28	-46.33	-32.65	-24.32	-17.74	-14.52	-17.40	-10.33
ALBANY___3	23.67	21.29	20.84	20.86	20.39	21.93	31.44	39.19	36.93	29.86	30.02	29.99	30.29	31.83	33.74	36.60	44.01	65.51	58.93	45.54	35.69	31.96	29.06	24.79
23573	0.31	0.27	0.19	0.18	0.24	0.35	0.46	0.54	0.47	0.51	0.46	0.43	0.43	0.44	0.38	0.34	0.39	0.43	0.62	0.50	0.44	0.41	0.28	0.37
	-11.59	-10.76	-13.24	-13.59	-11.20	-9.59	-14.71	-19.34	-19.21	-8.96	-10.30	-10.68	-11.80	-13.73	-17.33	-21.69	-27.28	-46.33	-32.65	-24.32	-17.74	-14.52	-17.40	-10.33

ALBANY___4 23574	23.67 0.31 -11.59	21.29 0.27 -10.76	20.84 0.19 -13.24	20.86 0.18 -13.59	20.39 0.24 -11.20	21.93 0.35 -9.59	31.44 0.46 -14.71	39.19 0.54 -19.34	36.93 0.47 -19.21	29.86 0.51 -8.96	30.02 0.46 -10.30	29.99 0.43 -10.68	30.29 0.43 -11.80	31.83 0.44 -13.73	33.74 0.38 -17.33	36.60 0.34 -21.69	44.01 0.39 -27.28	65.51 0.43 -46.33	58.93 0.62 -32.65	45.54 0.50 -24.32	35.69 0.44 -17.74	31.96 0.41 -14.52	29.06 0.28 -17.40	24.79 0.37 -10.33
ALBANY___LFGE 323615	23.89 0.41 -11.70	21.50 0.37 -10.86	21.04 0.26 -13.37	21.05 0.25 -13.72	20.58 0.32 -11.31	22.13 0.46 -9.68	31.75 0.62 -14.86	39.59 0.75 -19.53	37.30 0.64 -19.40	30.17 0.73 -9.05	30.33 0.67 -10.41	30.30 0.64 -10.79	30.61 0.63 -11.91	32.16 0.63 -13.87	34.09 0.56 -17.50	36.98 0.50 -21.91	44.48 0.59 -27.55	66.19 0.66 -46.79	59.54 0.90 -32.97	46.01 0.73 -24.56	36.06 0.63 -17.91	32.29 0.60 -14.66	29.34 0.40 -17.57	25.02 0.49 -10.43
ALCOA_PA_115KV_PL-6C 55860	1.60 -0.34 9.83	2.29 -0.29 7.69	2.58 -0.21 4.63	1.30 -0.21 5.58	1.32 -0.26 7.38	1.11 -0.37 10.51	3.74 -0.57 11.97	5.24 -0.69 13.36	4.04 -0.67 12.55	5.58 -0.82 13.99	9.84 -0.73 8.68	9.61 -0.74 8.52	9.20 -0.70 8.16	8.96 -0.71 7.99	11.11 -0.64 4.28	11.11 -0.61 2.86	15.65 -0.69 0.00	18.02 -0.73 0.00	24.62 -1.05 0.00	15.01 -0.83 4.89	8.97 -0.68 7.87	5.40 -0.65 10.99	5.88 -0.41 5.08	7.26 -0.49 6.34
ALCOA_RYNLDS___DRP 24188	1.60 -0.34 9.83	2.29 -0.29 7.69	2.58 -0.21 4.63	1.30 -0.21 5.58	1.32 -0.26 7.38	1.11 -0.37 10.51	3.74 -0.57 11.97	5.24 -0.69 13.36	4.04 -0.67 12.55	5.58 -0.82 13.99	9.84 -0.73 8.68	9.61 -0.74 8.52	9.20 -0.70 8.16	8.96 -0.71 7.99	11.11 -0.64 4.28	11.11 -0.61 2.86	15.65 -0.69 0.00	18.02 -0.73 0.00	24.62 -1.05 0.00	15.01 -0.83 4.89	8.97 -0.68 7.87	5.40 -0.65 10.99	5.88 -0.41 5.08	7.26 -0.49 6.34
ALCOA___DSASP 323711	1.60 -0.34 9.83	2.29 -0.29 7.69	2.58 -0.21 4.63	1.30 -0.21 5.58	1.32 -0.26 7.38	1.11 -0.37 10.51	3.74 -0.57 11.97	5.26 -0.68 13.36	4.04 -0.67 12.55	5.58 -0.82 13.99	9.84 -0.73 8.68	9.61 -0.74 8.52	9.20 -0.70 8.16	8.96 -0.71 7.99	11.11 -0.64 4.28	11.11 -0.61 2.86	15.65 -0.69 0.00	18.02 -0.73 0.00	24.61 -1.05 0.00	15.01 -0.83 4.89	8.97 -0.68 7.87	5.40 -0.65 10.99	5.88 -0.41 5.08	7.26 -0.49 6.34
ALLEGHENY___COGEN 23514	15.07 0.62 -2.67	13.27 0.52 -2.48	10.84 0.38 -3.05	10.59 0.38 -3.13	12.02 0.48 -2.58	14.88 0.68 -2.21	20.69 1.03 -3.39	24.92 1.16 -4.46	22.71 1.02 -4.43	23.40 0.94 -2.07	22.30 0.67 -2.38	21.96 0.62 -2.47	21.36 0.58 -2.72	21.43 0.60 -3.17	20.58 0.56 -4.00	20.21 0.63 -5.01	23.48 0.85 -6.30	30.53 1.11 -10.68	35.04 1.85 -7.52	27.93 1.60 -5.60	22.83 1.23 -4.09	21.48 1.11 -3.35	16.13 0.75 -4.01	17.41 0.93 -2.38
ALTAMONT_115KV_TB 2 55880	23.81 0.45 -11.58	21.41 0.39 -10.75	20.93 0.28 -13.23	20.93 0.27 -13.58	20.49 0.35 -11.19	22.04 0.47 -9.58	31.61 0.63 -14.70	39.40 0.77 -19.33	37.13 0.67 -19.19	30.14 0.80 -8.95	30.28 0.73 -10.29	30.26 0.72 -10.67	30.53 0.69 -11.79	32.07 0.69 -13.72	33.96 0.62 -17.32	36.81 0.55 -21.67	44.22 0.62 -27.26	65.89 0.69 -46.44	59.35 0.95 -32.73	45.79 0.77 -24.30	35.91 0.67 -17.72	32.19 0.65 -14.51	29.19 0.43 -17.39	24.95 0.54 -10.32
ALTONA_WT_PWR 323606	1.20 -0.59 9.99	1.93 -0.53 7.81	2.34 -0.37 4.70	1.03 -0.39 5.67	0.97 -0.49 7.49	0.64 -0.68 10.67	3.14 -0.98 12.15	4.38 -1.35 13.57	3.21 -1.31 12.74	4.66 -1.53 14.20	9.31 -1.14 8.81	9.03 -1.19 8.65	8.71 -1.07 8.28	8.41 -1.13 8.11	10.70 -0.98 4.34	10.73 -0.95 2.90	15.27 -1.06 0.00	17.76 -0.99 0.00	24.18 -1.49 0.00	14.52 -1.24 4.97	8.37 -1.16 7.99	4.73 -1.14 11.16	5.44 -0.77 5.16	6.67 -0.99 6.44
AMERICAN_REF_FUEL 24010	14.18 -0.08 -2.48	12.48 -0.09 -2.30	10.20 -0.05 -2.83	9.98 -0.01 -2.91	11.29 -0.06 -2.40	13.97 -0.07 -2.05	19.23 -0.19 -3.15	22.86 -0.58 -4.14	20.88 -0.50 -4.12	21.74 -0.57 -1.92	20.86 -0.60 -2.21	20.69 -0.47 -2.29	20.09 -0.51 -2.53	20.16 -0.44 -2.95	19.34 -0.40 -3.72	18.90 -0.33 -4.65	21.76 -0.42 -5.85	28.01 -0.66 -9.92	31.89 -0.77 -6.99	25.38 -0.56 -5.21	20.91 -0.40 -3.80	19.80 -0.34 -3.11	15.00 -0.09 -3.73	16.29 -0.01 -2.21
ARKWRIGHT___SUMMIT_WT_PWR 323751	14.30 -0.14 -2.66	12.60 -0.14 -2.47	10.37 -0.09 -3.04	10.14 -0.06 -3.12	11.42 -0.11 -2.57	14.10 -0.10 -2.20	19.57 -0.08 -3.38	23.55 -0.19 -4.44	21.49 -0.19 -4.42	22.29 -0.16 -2.06	21.45 -0.17 -2.37	21.27 -0.06 -2.46	20.63 -0.15 -2.71	20.76 -0.05 -3.16	19.95 -0.06 -3.99	19.60 0.03 -4.99	22.68 0.07 -6.28	29.41 0.02 -10.64	33.35 0.18 -7.50	26.46 0.15 -5.58	21.63 0.04 -4.07	20.37 0.00 -3.33	15.46 0.09 -4.00	16.61 0.14 -2.37
ARTHUR_KILL_GT_1 23520	22.27 1.05 -9.44	19.89 0.86 -8.76	18.83 0.64 -10.78	18.73 0.59 -11.06	18.78 0.71 -9.12	20.64 0.85 -7.80	29.32 1.07 -11.97	36.36 1.31 -15.74	34.24 1.35 -15.63	29.37 1.69 -7.29	29.33 1.69 -8.38	29.30 1.74 -8.69	29.32 1.66 -9.60	30.48 1.64 -11.18	31.63 1.51 -14.10	33.58 1.34 -17.66	39.80 1.26 -22.21	58.08 1.61 -37.72	54.37 2.13 -26.58	42.20 1.68 -19.79	33.28 1.33 -14.44	30.19 1.35 -11.81	26.48 0.94 -14.17	23.75 1.24 -8.41
ARTHUR_KILL_2 23512	22.25 1.02 -9.44	19.87 0.84 -8.76	18.82 0.62 -10.78	18.72 0.57 -11.06	18.76 0.69 -9.12	20.62 0.83 -7.80	29.29 1.04 -11.97	36.32 1.27 -15.74	34.19 1.30 -15.63	29.33 1.65 -7.29	29.29 1.66 -8.38	29.26 1.70 -8.69	29.27 1.61 -9.60	30.42 1.59 -11.18	31.60 1.47 -14.10	33.53 1.30 -17.66	39.77 1.23 -22.21	58.02 1.56 -37.72	54.30 2.05 -26.58	42.14 1.62 -19.79	33.23 1.28 -14.44	30.14 1.29 -11.81	26.46 0.92 -14.17	23.70 1.20 -8.41
ARTHUR_KILL_3 23513	22.04 0.82 -9.44	19.73 0.70 -8.76	18.71 0.51 -10.78	18.63 0.48 -11.06	18.65 0.57 -9.12	20.57 0.77 -7.81	29.35 1.09 -11.98	36.44 1.39 -15.75	34.25 1.35 -15.64	29.46 1.77 -7.30	29.39 1.75 -8.39	29.33 1.76 -8.70	29.33 1.66 -9.61	30.43 1.59 -11.18	31.58 1.44 -14.11	33.53 1.28 -17.66	39.87 1.32 -22.22	58.03 1.56 -37.72	54.33 2.08 -26.59	42.19 1.66 -19.80	33.28 1.31 -14.44	30.23 1.38 -11.82	26.37 0.83 -14.17	23.54 1.03 -8.41
ARTHUR_KILL_COGEN 323718	22.27 1.05 -9.44	19.89 0.86 -8.76	18.83 0.64 -10.78	18.73 0.59 -11.06	18.78 0.71 -9.12	20.64 0.85 -7.80	29.32 1.07 -11.97	36.36 1.31 -15.74	34.24 1.35 -15.63	29.37 1.69 -7.29	29.33 1.69 -8.38	29.30 1.74 -8.69	29.32 1.66 -9.60	30.48 1.64 -11.18	31.63 1.51 -14.10	33.58 1.34 -17.66	39.80 1.26 -22.21	58.08 1.61 -37.72	54.37 2.13 -26.58	42.20 1.68 -19.79	33.28 1.33 -14.44	30.19 1.35 -11.81	26.48 0.94 -14.17	23.75 1.24 -8.41
ASHOKAN____ 23654	22.41 0.26 -10.37	20.11 0.22 -9.62	19.39 0.13 -11.84	19.37 0.13 -12.16	19.12 0.15 -10.02	20.74 0.17 -8.58	29.52 0.08 -13.16	36.76 0.15 -17.31	34.59 0.14 -17.19	28.45 0.04 -8.02	28.55 0.08 -9.22	28.47 0.04 -9.56	28.71 0.09 -10.56	30.07 0.12 -12.29	31.66 0.13 -15.51	34.09 0.10 -19.41	40.94 0.20 -24.41	58.62 0.39 -39.47	54.46 0.98 -27.82	42.69 0.21 -21.76	33.72 0.33 -15.87	30.33 0.31 -12.99	27.08 0.14 -15.57	23.54 0.20 -9.24

ASTORIA_EAST_ENERGY_CC1 323581	22.06 0.85 -9.44	19.72 0.69 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.47 0.68 -7.80	29.21 0.96 -11.97	36.32 1.27 -15.74	34.19 1.30 -15.63	29.35 1.67 -7.29	29.31 1.67 -8.38	29.30 1.74 -8.69	29.32 1.66 -9.60	30.42 1.59 -11.18	31.59 1.46 -14.10	33.52 1.28 -17.66	39.80 1.26 -22.21	58.01 1.54 -37.72	54.27 2.03 -26.58	42.14 1.62 -19.79	33.22 1.26 -14.44	30.12 1.28 -11.81	26.29 0.76 -14.16	23.49 0.99 -8.41
ASTORIA_EAST_ENERGY_CC2 323582	22.06 0.85 -9.44	19.72 0.69 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.47 0.68 -7.80	29.21 0.96 -11.97	36.32 1.27 -15.74	34.19 1.30 -15.63	29.35 1.67 -7.29	29.31 1.67 -8.38	29.30 1.74 -8.69	29.32 1.66 -9.60	30.42 1.59 -11.18	31.59 1.46 -14.10	33.52 1.28 -17.66	39.80 1.26 -22.21	58.01 1.54 -37.72	54.27 2.03 -26.58	42.14 1.62 -19.79	33.22 1.26 -14.44	30.12 1.28 -11.81	26.29 0.76 -14.16	23.49 0.99 -8.41
ASTORIA_GT2_1 24094	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.48 0.68 -7.81	29.23 0.98 -11.98	36.33 1.27 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.32 1.76 -8.70	29.34 1.68 -9.60	30.45 1.61 -11.18	31.61 1.47 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.03 1.56 -37.72	54.31 2.05 -26.59	42.14 1.62 -19.80	33.22 1.26 -14.44	30.13 1.28 -11.82	26.31 0.77 -14.17	23.51 1.00 -8.41
ASTORIA_GT2_2 24095	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.48 0.68 -7.81	29.23 0.98 -11.98	36.33 1.27 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.32 1.76 -8.70	29.34 1.68 -9.60	30.45 1.61 -11.18	31.61 1.47 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.03 1.56 -37.72	54.31 2.05 -26.59	42.14 1.62 -19.80	33.22 1.26 -14.44	30.13 1.28 -11.82	26.31 0.77 -14.17	23.51 1.00 -8.41
ASTORIA_GT2_3 24096	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.48 0.68 -7.81	29.23 0.98 -11.98	36.33 1.27 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.32 1.76 -8.70	29.34 1.68 -9.60	30.45 1.61 -11.18	31.61 1.47 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.03 1.56 -37.72	54.31 2.05 -26.59	42.14 1.62 -19.80	33.22 1.26 -14.44	30.13 1.28 -11.82	26.31 0.77 -14.17	23.51 1.00 -8.41
ASTORIA_GT2_4 24097	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.48 0.68 -7.81	29.23 0.98 -11.98	36.33 1.27 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.32 1.76 -8.70	29.34 1.68 -9.60	30.45 1.61 -11.18	31.61 1.47 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.03 1.56 -37.72	54.31 2.05 -26.59	42.14 1.62 -19.80	33.22 1.26 -14.44	30.13 1.28 -11.82	26.31 0.77 -14.17	23.51 1.00 -8.41
ASTORIA_GT3_1 24098	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.48 0.68 -7.81	29.23 0.98 -11.98	36.33 1.27 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.32 1.76 -8.70	29.34 1.68 -9.60	30.45 1.61 -11.18	31.61 1.47 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.03 1.56 -37.72	54.31 2.05 -26.59	42.14 1.62 -19.80	33.22 1.26 -14.44	30.13 1.28 -11.82	26.31 0.77 -14.17	23.51 1.00 -8.41
ASTORIA_GT3_2 24099	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.48 0.68 -7.81	29.23 0.98 -11.98	36.33 1.27 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.32 1.76 -8.70	29.34 1.68 -9.60	30.45 1.61 -11.18	31.61 1.47 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.03 1.56 -37.72	54.31 2.05 -26.59	42.14 1.62 -19.80	33.22 1.26 -14.44	30.13 1.28 -11.82	26.31 0.77 -14.17	23.51 1.00 -8.41
ASTORIA_GT3_3 24100	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.48 0.68 -7.81	29.23 0.98 -11.98	36.33 1.27 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.32 1.76 -8.70	29.34 1.68 -9.60	30.45 1.61 -11.18	31.61 1.47 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.03 1.56 -37.72	54.31 2.05 -26.59	42.14 1.62 -19.80	33.22 1.26 -14.44	30.13 1.28 -11.82	26.31 0.77 -14.17	23.51 1.00 -8.41
ASTORIA_GT3_4 24101	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.48 0.68 -7.81	29.23 0.98 -11.98	36.33 1.27 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.32 1.76 -8.70	29.34 1.68 -9.60	30.45 1.61 -11.18	31.61 1.47 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.03 1.56 -37.72	54.31 2.05 -26.59	42.14 1.62 -19.80	33.22 1.26 -14.44	30.13 1.28 -11.82	26.31 0.77 -14.17	23.51 1.00 -8.41
ASTORIA_GT4_1 24102	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.48 0.68 -7.81	29.23 0.98 -11.98	36.33 1.27 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.32 1.76 -8.70	29.34 1.68 -9.60	30.45 1.61 -11.18	31.61 1.47 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.03 1.56 -37.72	54.31 2.05 -26.59	42.14 1.62 -19.80	33.22 1.26 -14.44	30.13 1.28 -11.82	26.31 0.77 -14.17	23.51 1.00 -8.41
ASTORIA_GT4_2 24103	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.48 0.68 -7.81	29.23 0.98 -11.98	36.33 1.27 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.32 1.76 -8.70	29.34 1.68 -9.60	30.45 1.61 -11.18	31.61 1.47 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.03 1.56 -37.72	54.31 2.05 -26.59	42.14 1.62 -19.80	33.22 1.26 -14.44	30.13 1.28 -11.82	26.31 0.77 -14.17	23.51 1.00 -8.41
ASTORIA_GT4_3 24104	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.48 0.68 -7.81	29.23 0.98 -11.98	36.33 1.27 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.32 1.76 -8.70	29.34 1.68 -9.60	30.45 1.61 -11.18	31.61 1.47 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.03 1.56 -37.72	54.31 2.05 -26.59	42.14 1.62 -19.80	33.22 1.26 -14.44	30.13 1.28 -11.82	26.31 0.77 -14.17	23.51 1.00 -8.41
ASTORIA_GT4_4 24105	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.48 0.68 -7.81	29.23 0.98 -11.98	36.33 1.27 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.32 1.76 -8.70	29.34 1.68 -9.60	30.45 1.61 -11.18	31.61 1.47 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.03 1.56 -37.72	54.31 2.05 -26.59	42.14 1.62 -19.80	33.22 1.26 -14.44	30.13 1.28 -11.82	26.31 0.77 -14.17	23.51 1.00 -8.41
ASTORIA_GT_1 23523	22.09 0.87 -9.44	19.74 0.71 -8.76	18.76 0.56 -10.78	18.66 0.52 -11.06	18.68 0.61 -9.12	20.50 0.71 -7.80	29.24 0.99 -11.97	36.36 1.31 -15.74	34.24 1.35 -15.63	29.39 1.71 -8.69	29.35 1.71 -8.38	29.36 1.79 -8.69	29.38 1.72 -9.60	30.48 1.64 -11.18	31.63 1.51 -14.10	33.56 1.33 -17.66	39.83 1.29 -22.21	58.06 1.59 -37.72	54.35 2.11 -26.58	42.18 1.66 -19.79	33.25 1.30 -14.44	30.16 1.31 -11.81	26.32 0.78 -14.16	23.52 1.02 -8.41

ASTORIA_GT_10 24110	22.10 0.88 -9.44	19.76 0.73 -8.76	18.74 0.55 -10.78	18.66 0.51 -11.06	18.68 0.61 -9.12	20.55 0.76 -7.81	29.31 1.06 -11.98	36.42 1.37 -15.75	34.26 1.36 -15.64	29.42 1.73 -7.29	29.39 1.75 -8.39	29.34 1.77 -8.70	29.36 1.70 -9.60	30.50 1.66 -11.18	31.66 1.52 -14.11	33.58 1.34 -17.66	39.87 1.32 -22.21	58.09 1.61 -37.72	54.38 2.13 -26.59	42.21 1.68 -19.80	33.29 1.33 -14.44	30.22 1.36 -11.82	26.37 0.83 -14.17	23.56 1.06 -8.41
ASTORIA_GT_11 24225	22.10 0.88 -9.44	19.76 0.73 -8.76	18.74 0.55 -10.78	18.66 0.51 -11.06	18.68 0.61 -9.12	20.55 0.76 -7.81	29.31 1.06 -11.98	36.42 1.37 -15.75	34.26 1.36 -15.64	29.42 1.73 -7.29	29.39 1.75 -8.39	29.34 1.77 -8.70	29.36 1.70 -9.60	30.50 1.66 -11.18	31.66 1.52 -14.11	33.58 1.34 -17.66	39.87 1.32 -22.21	58.09 1.61 -37.72	54.38 2.13 -26.59	42.21 1.68 -19.80	33.29 1.33 -14.44	30.22 1.36 -11.82	26.37 0.83 -14.17	23.56 1.06 -8.41
ASTORIA_GT_12 24226	22.10 0.88 -9.44	19.76 0.73 -8.76	18.74 0.55 -10.78	18.66 0.51 -11.06	18.68 0.61 -9.12	20.55 0.76 -7.81	29.31 1.06 -11.98	36.42 1.37 -15.75	34.26 1.36 -15.64	29.42 1.73 -7.29	29.39 1.75 -8.39	29.34 1.77 -8.70	29.36 1.70 -9.60	30.50 1.66 -11.18	31.66 1.52 -14.11	33.58 1.34 -17.66	39.87 1.32 -22.21	58.09 1.61 -37.72	54.38 2.13 -26.59	42.21 1.68 -19.80	33.29 1.33 -14.44	30.22 1.36 -11.82	26.37 0.83 -14.17	23.56 1.06 -8.41
ASTORIA_GT_13 24227	22.10 0.88 -9.44	19.76 0.73 -8.76	18.74 0.55 -10.78	18.66 0.51 -11.06	18.68 0.61 -9.12	20.55 0.76 -7.81	29.31 1.06 -11.98	36.42 1.37 -15.75	34.26 1.36 -15.64	29.42 1.73 -7.29	29.39 1.75 -8.39	29.34 1.77 -8.70	29.36 1.70 -9.60	30.50 1.66 -11.18	31.66 1.52 -14.11	33.58 1.34 -17.66	39.87 1.32 -22.21	58.09 1.61 -37.72	54.38 2.13 -26.59	42.21 1.68 -19.80	33.29 1.33 -14.44	30.22 1.36 -11.82	26.37 0.83 -14.17	23.56 1.06 -8.41
ASTORIA_GT_5 24106	22.09 0.87 -9.44	19.74 0.71 -8.76	18.76 0.56 -10.78	18.66 0.52 -11.06	18.68 0.61 -9.12	20.50 0.71 -7.80	29.24 0.99 -11.97	36.36 1.31 -15.74	34.24 1.35 -15.63	29.39 1.71 -7.29	29.35 1.71 -8.38	29.36 1.79 -8.69	29.38 1.72 -9.60	30.48 1.64 -11.18	31.63 1.51 -14.10	33.56 1.33 -17.66	39.83 1.29 -22.21	58.06 1.59 -37.72	54.35 2.11 -26.58	42.18 1.66 -19.79	33.25 1.30 -14.44	30.16 1.31 -11.81	26.32 0.78 -14.16	23.52 1.02 -8.41
ASTORIA_GT_7 24107	22.09 0.87 -9.44	19.74 0.71 -8.76	18.76 0.56 -10.78	18.66 0.52 -11.06	18.68 0.61 -9.12	20.50 0.71 -7.80	29.24 0.99 -11.97	36.36 1.31 -15.74	34.24 1.35 -15.63	29.39 1.71 -7.29	29.35 1.71 -8.38	29.36 1.79 -8.69	29.38 1.72 -9.60	30.48 1.64 -11.18	31.63 1.51 -14.10	33.56 1.33 -17.66	39.83 1.29 -22.21	58.06 1.59 -37.72	54.35 2.11 -26.58	42.18 1.66 -19.79	33.25 1.30 -14.44	30.16 1.31 -11.81	26.32 0.78 -14.16	23.52 1.02 -8.41
ASTORIA_GT_8 24108	22.09 0.87 -9.44	19.74 0.71 -8.76	18.76 0.56 -10.78	18.66 0.52 -11.06	18.68 0.61 -9.12	20.51 0.71 -7.81	29.25 0.99 -11.98	36.37 1.31 -15.75	34.21 1.31 -15.64	29.38 1.69 -7.29	29.35 1.71 -8.39	29.36 1.79 -8.70	29.38 1.72 -9.60	30.48 1.64 -11.18	31.64 1.51 -14.11	33.57 1.33 -17.66	39.84 1.29 -22.21	58.07 1.59 -37.72	54.36 2.10 -26.59	42.19 1.66 -19.80	33.26 1.30 -14.44	30.16 1.31 -11.82	26.33 0.78 -14.17	23.54 1.03 -8.41
ASTORIA___2 24149	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.47 0.68 -7.80	29.22 0.98 -11.97	36.34 1.29 -15.74	34.21 1.31 -15.63	29.35 1.67 -7.29	29.31 1.67 -8.38	29.32 1.76 -8.69	29.34 1.68 -9.60	30.44 1.61 -11.18	31.60 1.47 -14.10	33.52 1.28 -17.66	39.80 1.26 -22.21	58.02 1.56 -37.72	54.30 2.05 -26.58	42.14 1.62 -19.79	33.22 1.26 -14.44	30.12 1.28 -11.81	26.31 0.77 -14.16	23.51 1.00 -8.41
ASTORIA___3 23516	22.10 0.88 -9.44	19.76 0.73 -8.76	18.74 0.55 -10.78	18.66 0.51 -11.06	18.68 0.61 -9.12	20.55 0.76 -7.80	29.30 1.06 -11.97	36.44 1.39 -15.74	34.28 1.38 -15.64	29.44 1.75 -7.30	29.39 1.75 -8.39	29.34 1.77 -8.70	29.36 1.70 -9.61	30.50 1.66 -11.18	31.66 1.52 -14.11	33.58 1.34 -17.66	39.87 1.32 -22.22	58.09 1.61 -37.72	54.38 2.13 -26.59	42.21 1.68 -19.80	33.29 1.33 -14.44	30.22 1.36 -11.82	26.37 0.83 -14.17	23.56 1.06 -8.41
ASTORIA___4 23517	22.10 0.88 -9.44	19.76 0.73 -8.76	18.74 0.55 -10.78	18.66 0.51 -11.06	18.68 0.61 -9.12	20.55 0.76 -7.81	29.31 1.06 -11.98	36.42 1.37 -15.75	34.26 1.36 -15.64	29.42 1.73 -7.29	29.39 1.75 -8.39	29.34 1.77 -8.70	29.36 1.70 -9.60	30.50 1.66 -11.18	31.66 1.52 -14.11	33.58 1.34 -17.66	39.87 1.32 -22.21	58.09 1.61 -37.72	54.38 2.13 -26.59	42.21 1.68 -19.80	33.29 1.33 -14.44	30.22 1.36 -11.82	26.37 0.83 -14.17	23.56 1.06 -8.41
ASTORIA___5 23518	22.10 0.88 -9.44	19.76 0.73 -8.76	18.74 0.55 -10.78	18.66 0.51 -11.06	18.68 0.61 -9.12	20.55 0.76 -7.80	29.30 1.06 -11.97	36.44 1.39 -15.74	34.28 1.38 -15.64	29.44 1.75 -7.30	29.39 1.75 -8.39	29.34 1.77 -8.70	29.36 1.70 -9.61	30.50 1.66 -11.18	31.66 1.52 -14.11	33.58 1.34 -17.66	39.87 1.32 -22.22	58.09 1.61 -37.72	54.38 2.13 -26.59	42.21 1.68 -19.80	33.29 1.33 -14.44	30.22 1.36 -11.82	26.37 0.83 -14.17	23.56 1.06 -8.41
AST_ENERGY_2_CC3 323677	22.11 0.89 -9.44	19.78 0.75 -8.76	18.74 0.55 -10.78	18.67 0.52 -11.06	18.70 0.63 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.56 1.51 -15.75	34.35 1.45 -15.64	29.56 1.88 -7.30	29.47 1.83 -8.39	29.40 1.83 -8.70	29.42 1.75 -9.61	30.52 1.68 -11.18	31.67 1.54 -14.11	33.60 1.36 -17.66	39.97 1.42 -22.22	58.15 1.67 -37.72	54.48 2.23 -26.59	42.31 1.78 -19.80	33.38 1.42 -14.44	30.30 1.45 -11.82	26.43 0.89 -14.17	23.62 1.11 -8.41
AST_ENERGY_2_CC4 323678	22.11 0.89 -9.44	19.78 0.75 -8.76	18.74 0.55 -10.78	18.67 0.52 -11.06	18.70 0.63 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.56 1.51 -15.75	34.35 1.45 -15.64	29.56 1.88 -7.30	29.47 1.83 -8.39	29.40 1.83 -8.70	29.42 1.75 -9.61	30.52 1.68 -11.18	31.67 1.54 -14.11	33.60 1.36 -17.66	39.97 1.42 -22.22	58.15 1.67 -37.72	54.48 2.23 -26.59	42.31 1.78 -19.80	33.38 1.42 -14.44	30.30 1.45 -11.82	26.43 0.89 -14.17	23.62 1.11 -8.41
ATHENS_STG_1 23668	22.68 0.52 -10.39	20.35 0.44 -9.64	19.61 0.33 -11.86	19.57 0.31 -12.18	19.37 0.38 -10.04	21.09 0.50 -8.59	30.14 0.68 -13.19	37.53 0.89 -17.34	35.29 0.81 -17.22	29.42 1.00 -8.03	29.43 0.94 -9.23	29.39 0.94 -9.57	29.54 0.90 -10.57	30.85 0.88 -12.31	32.36 0.80 -15.53	34.72 0.70 -19.44	41.56 0.77 -24.45	61.14 0.86 -41.52	56.11 1.18 -29.26	43.48 0.95 -21.79	34.22 0.81 -15.90	30.84 0.80 -13.01	27.46 0.49 -15.60	23.97 0.62 -9.26
ATHENS_STG_2 23670	22.68 0.52 -10.39	20.35 0.44 -9.64	19.61 0.33 -11.86	19.57 0.31 -12.18	19.37 0.38 -10.04	21.09 0.50 -8.59	30.14 0.68 -13.19	37.53 0.89 -17.34	35.29 0.81 -17.22	29.42 1.00 -8.03	29.43 0.94 -9.23	29.39 0.94 -9.57	29.54 0.90 -10.57	30.85 0.88 -12.31	32.36 0.80 -15.53	34.72 0.70 -19.44	41.56 0.77 -24.45	61.14 0.86 -41.52	56.11 1.18 -29.26	43.48 0.95 -21.79	34.22 0.81 -15.90	30.84 0.80 -13.01	27.46 0.49 -15.60	23.97 0.62 -9.26

ATHENS_STG_3 23677	22.68	20.35	19.61	19.57	19.37	21.09	30.14	37.53	35.29	29.42	29.43	29.39	29.54	30.85	32.36	34.72	41.56	61.14	56.11	43.48	34.22	30.84	27.46	23.97
	0.52	0.44	0.33	0.31	0.38	0.50	0.68	0.89	0.81	1.00	0.94	0.94	0.90	0.88	0.80	0.70	0.77	0.86	1.18	0.95	0.81	0.80	0.49	0.62
	-10.39	-9.64	-11.86	-12.18	-10.04	-8.59	-13.19	-17.34	-17.22	-8.03	-9.23	-9.57	-10.57	-12.31	-15.53	-19.44	-24.45	-41.52	-29.26	-21.79	-15.90	-13.01	-15.60	-9.26
AUBURN____LFGE 323710	14.40	12.70	10.26	9.99	11.44	14.25	19.79	23.85	21.71	22.92	21.97	21.63	21.03	21.01	20.04	19.46	22.46	28.85	33.41	26.57	21.73	20.53	15.26	16.66
	0.31	0.28	0.19	0.18	0.24	0.34	0.57	0.68	0.60	0.73	0.65	0.62	0.61	0.60	0.54	0.54	0.67	0.83	1.21	0.97	0.67	0.60	0.41	0.49
	-2.32	-2.15	-2.65	-2.72	-2.24	-1.92	-2.94	-3.87	-3.84	-1.79	-2.06	-2.14	-2.36	-2.75	-3.47	-4.34	-5.46	-9.27	-6.53	-4.87	-3.55	-2.91	-3.48	-2.07
BABYLON_RES_REC 323704	31.27	24.16	20.43	21.32	23.32	28.04	31.17	36.81	34.61	31.97	29.85	29.77	29.67	30.72	31.82	33.81	40.22	58.40	56.54	43.20	34.21	35.03	33.50	28.98
	1.13	0.97	0.70	0.67	0.82	1.09	1.56	1.76	1.62	2.14	2.04	2.02	1.86	1.75	1.60	1.46	1.55	1.93	2.62	2.09	1.70	1.74	1.10	1.37
	-18.36	-12.92	-12.30	-13.57	-13.54	-14.95	-13.33	-15.75	-15.72	-9.44	-8.56	-8.87	-9.75	-11.31	-14.19	-17.77	-22.33	-37.72	-28.25	-20.38	-15.00	-16.26	-21.03	-13.52
BABYLON__69_KV_BK2 356345	31.42	24.28	20.51	21.40	23.42	28.18	31.39	36.92	34.85	32.21	30.29	30.21	30.06	31.06	32.05	34.10	40.52	58.54	59.90	44.43	35.41	35.14	33.62	29.07
	1.27	1.09	0.79	0.75	0.92	1.24	1.79	1.85	1.69	2.22	2.14	2.11	1.95	1.84	1.68	1.53	1.62	2.06	2.70	2.18	1.80	1.84	1.22	1.45
	-18.36	-12.92	-12.30	-13.57	-13.54	-14.95	-13.32	-15.76	-15.90	-9.59	-8.90	-9.22	-10.05	-11.57	-14.35	-17.99	-22.57	-37.72	-31.54	-21.53	-16.09	-16.27	-21.03	-13.52
BALL_HILL_WT_PWR 323825	14.44	12.72	10.43	10.20	11.51	14.22	19.70	23.63	21.55	22.37	21.49	21.30	20.68	20.77	19.96	19.56	22.59	29.21	33.14	26.34	21.61	20.39	15.47	16.69
	0.04	0.01	0.01	0.04	0.02	0.06	0.10	-0.06	-0.07	-0.06	-0.10	0.00	-0.05	0.00	0.00	0.06	0.07	-0.04	0.08	0.10	0.07	0.07	0.16	0.25
	-2.62	-2.44	-3.00	-3.08	-2.54	-2.17	-3.33	-4.38	-4.36	-2.03	-2.34	-2.42	-2.68	-3.12	-3.93	-4.92	-6.19	-10.49	-7.39	-5.51	-4.02	-3.29	-3.94	-2.34
BARON_WINDS____WT_PWR 323822	15.03	13.28	11.06	10.83	12.08	14.75	20.56	24.77	22.65	23.10	22.26	22.02	21.46	21.60	20.90	20.66	24.03	31.50	34.95	27.74	22.65	21.24	16.29	17.20
	0.15	0.13	0.10	0.11	0.13	0.19	0.34	0.29	0.24	0.31	0.25	0.28	0.23	0.27	0.22	0.26	0.38	0.34	0.54	0.50	0.38	0.32	0.26	0.34
	-3.10	-2.88	-3.54	-3.64	-3.00	-2.57	-3.94	-5.18	-5.15	-2.40	-2.76	-2.86	-3.16	-3.68	-4.65	-5.82	-7.32	-12.41	-8.74	-6.51	-4.75	-3.89	-4.66	-2.77
BARRETT_IC_1 23704	31.11	24.03	20.33	21.23	23.20	27.87	30.87	36.57	34.33	31.63	29.45	29.38	29.34	30.41	31.56	33.54	39.92	58.08	54.48	42.31	33.43	34.77	33.30	28.72
	0.97	0.83	0.61	0.58	0.71	0.92	1.27	1.52	1.43	1.88	1.81	1.81	1.68	1.57	1.43	1.30	1.37	1.61	2.23	1.78	1.47	1.48	0.91	1.11
	-18.36	-12.92	-12.30	-13.57	-13.54	-14.95	-13.33	-15.75	-15.64	-9.36	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.71	-26.58	-19.79	-14.44	-16.26	-21.02	-13.51
BARRETT_IC_10 23701	31.11	24.03	20.33	21.23	23.20	27.87	30.87	36.57	34.33	31.63	29.45	29.38	29.34	30.41	31.56	33.54	39.92	58.08	54.48	42.31	33.43	34.77	33.30	28.72
	0.97	0.83	0.61	0.58	0.71	0.92	1.27	1.52	1.43	1.88	1.81	1.81	1.68	1.57	1.43	1.30	1.37	1.61	2.23	1.78	1.47	1.48	0.91	1.11
	-18.36	-12.92	-12.30	-13.57	-13.54	-14.95	-13.33	-15.75	-15.64	-9.36	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.71	-26.58	-19.79	-14.44	-16.26	-21.02	-13.51
BARRETT_IC_11 23702	31.11	24.03	20.33	21.23	23.20	27.87	30.87	36.57	34.33	31.63	29.45	29.38	29.34	30.41	31.56	33.54	39.92	58.08	54.48	42.31	33.43	34.77	33.30	28.72
	0.97	0.83	0.61	0.58	0.71	0.92	1.27	1.52	1.43	1.88	1.81	1.81	1.68	1.57	1.43	1.30	1.37	1.61	2.23	1.78	1.47	1.48	0.91	1.11
	-18.36	-12.92	-12.30	-13.57	-13.54	-14.95	-13.33	-15.75	-15.64	-9.36	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.71	-26.58	-19.79	-14.44	-16.26	-21.02	-13.51
BARRETT_IC_12 23703	31.11	24.03	20.33	21.23	23.20	27.87	30.87	36.57	34.33	31.63	29.45	29.38	29.34	30.41	31.56	33.54	39.92	58.08	54.48	42.31	33.43	34.77	33.30	28.72
	0.97	0.83	0.61	0.58	0.71	0.92	1.27	1.52	1.43	1.88	1.81	1.81	1.68	1.57	1.43	1.30	1.37	1.61	2.23	1.78	1.47	1.48	0.91	1.11
	-18.36	-12.92	-12.30	-13.57	-13.54	-14.95	-13.33	-15.75	-15.64	-9.36	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.71	-26.58	-19.79	-14.44	-16.26	-21.02	-13.51
BARRETT_IC_2 23705	31.11	24.03	20.33	21.23	23.20	27.87	30.87	36.57	34.33	31.63	29.45	29.38	29.34	30.41	31.56	33.54	39.92	58.08	54.48	42.31	33.43	34.77	33.30	28.72
	0.97	0.83	0.61	0.58	0.71	0.92	1.27	1.52	1.43	1.88	1.81	1.81	1.68	1.57	1.43	1.30	1.37	1.61	2.23	1.78	1.47	1.48	0.91	1.11
	-18.36	-12.92	-12.30	-13.57	-13.54	-14.95	-13.33	-15.75	-15.64	-9.36	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.71	-26.58	-19.79	-14.44	-16.26	-21.02	-13.51
BARRETT_IC_3 23706	31.11	24.03	20.33	21.23	23.20	27.87	30.87	36.57	34.33	31.63	29.45	29.38	29.34	30.41	31.56	33.54	39.92	58.08	54.48	42.31	33.43	34.77	33.30	28.72
	0.97	0.83	0.61	0.58	0.71	0.92	1.27	1.52	1.43	1.88	1.81	1.81	1.68	1.57	1.43	1.30	1.37	1.61	2.23	1.78	1.47	1.48	0.91	1.11
	-18.36	-12.92	-12.30	-13.57	-13.54	-14.95	-13.33	-15.75	-15.64	-9.36	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.71	-26.58	-19.79	-14.44	-16.26	-21.02	-13.51
BARRETT_IC_4 23707	31.11	24.03	20.33	21.23	23.20	27.87	30.87	36.57	34.33	31.63	29.45	29.38	29.34	30.41	31.56	33.54	39.92	58.08	54.48	42.31	33.43	34.77	33.30	28.72
	0.97	0.83	0.61	0.58	0.71	0.92	1.27	1.52	1.43	1.88	1.81	1.81	1.68	1.57	1.43	1.30	1.37	1.61	2.23	1.78	1.47	1.48	0.91	1.11
	-18.36	-12.92	-12.30	-13.57	-13.54	-14.95	-13.33	-15.75	-15.64	-9.36	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.71	-26.58	-19.79	-14.44	-16.26	-21.02	-13.51
BARRETT_IC_5 23708	31.11	24.03	20.33	21.23	23.20	27.87	30.87	36.57	34.33	31.63	29.45	29.38	29.34	30.41	31.56	33.54	39.92	58.08	54.48	42.31	33.43	34.77	33.30	28.72
	0.97	0.83	0.61	0.58	0.71	0.92	1.27	1.52	1.43	1.88	1.81	1.81	1.68	1.57	1.43	1.30	1.37	1.61	2.23	1.78	1.47	1.48	0.91	1.11
	-18.36	-12.92	-12.30	-13.57	-13.54	-14.95	-13.33	-15.75	-15.64	-9.36	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.71	-26.58	-19.79	-14.44	-16.26	-21.02	-13.51
BARRETT_IC_6 23709	31.11	24.03	20.33	21.23	23.20	27.87	30.87	36.57	34.33	31.63	29.45	29.38	29.34	30.41	31.56	33.54	39.92	58.08	54.48	42.31	33.43	34.77	33.30	28.72
	0.97	0.83	0.61	0.58	0.71	0.92	1.27	1.52	1.43	1.88	1.81	1.81	1.68	1.57	1.43	1.30	1.37	1.61	2.23	1.78	1.47	1.48	0.91	1.11
	-18.36	-12.92	-12.30	-13.57	-13.54	-14.95	-13.33	-15.75	-15.64	-9.36	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.71	-26.58	-19.79	-14.44	-16.26	-21.02	-13.51

BARRETT_IC_7 23710	31.11 0.97 -18.36	24.03 0.83 -12.92	20.33 0.61 -12.30	21.23 0.58 -13.57	23.20 0.71 -13.54	27.87 0.92 -14.95	30.87 1.27 -13.32	36.57 1.52 -15.75	34.33 1.43 -15.63	31.63 1.88 -9.36	29.45 1.81 -8.39	29.38 1.81 -8.69	29.34 1.68 -9.60	30.41 1.57 -11.18	31.56 1.43 -14.11	33.53 1.30 -17.66	39.92 1.37 -22.21	58.06 1.59 -37.71	54.45 2.21 -26.58	42.31 1.78 -19.79	33.43 1.47 -14.44	34.77 1.48 -16.26	33.30 0.91 -21.02	28.72 1.11 -13.51
BARRETT_IC_8 23711	31.11 0.97 -18.36	24.03 0.83 -12.92	20.33 0.61 -12.30	21.23 0.58 -13.57	23.20 0.71 -13.54	27.87 0.92 -14.95	30.87 1.27 -13.33	36.57 1.52 -15.75	34.33 1.43 -15.64	31.63 1.88 -9.36	29.45 1.81 -8.39	29.38 1.81 -8.70	29.34 1.68 -9.60	30.41 1.57 -11.18	31.56 1.43 -14.11	33.54 1.30 -17.66	39.92 1.37 -22.21	58.08 1.61 -37.71	54.48 2.23 -26.58	42.31 1.78 -19.79	33.43 1.47 -14.44	34.77 1.48 -16.26	33.30 0.91 -21.02	28.72 1.11 -13.51
BARRETT_IC_9 23700	31.11 0.97 -18.36	24.03 0.83 -12.92	20.33 0.61 -12.30	21.23 0.58 -13.57	23.20 0.71 -13.54	27.87 0.92 -14.95	30.87 1.27 -13.33	36.57 1.52 -15.75	34.33 1.43 -15.64	31.63 1.88 -9.36	29.45 1.81 -8.39	29.38 1.81 -8.70	29.34 1.68 -9.60	30.41 1.57 -11.18	31.56 1.43 -14.11	33.54 1.30 -17.66	39.92 1.37 -22.21	58.08 1.61 -37.71	54.48 2.23 -26.58	42.31 1.78 -19.79	33.43 1.47 -14.44	34.77 1.48 -16.26	33.30 0.91 -21.02	28.72 1.11 -13.51
BARRETT___1 23545	31.11 0.97 -18.36	24.03 0.83 -12.92	20.33 0.61 -12.30	21.23 0.58 -13.57	23.20 0.71 -13.54	27.87 0.92 -14.95	30.87 1.27 -13.33	36.57 1.52 -15.75	34.33 1.43 -15.64	31.63 1.88 -9.36	29.45 1.81 -8.39	29.38 1.81 -8.70	29.34 1.68 -9.60	30.41 1.57 -11.18	31.56 1.43 -14.11	33.54 1.30 -17.66	39.92 1.37 -22.21	58.08 1.61 -37.71	54.48 2.23 -26.58	42.31 1.78 -19.79	33.43 1.47 -14.44	34.77 1.48 -16.26	33.30 0.91 -21.02	28.72 1.11 -13.51
BARRETT___2 23546	31.11 0.97 -18.36	24.03 0.83 -12.92	20.33 0.61 -12.30	21.23 0.58 -13.57	23.20 0.71 -13.54	27.87 0.92 -14.95	30.87 1.27 -13.33	36.57 1.52 -15.75	34.33 1.43 -15.64	31.63 1.88 -9.36	29.45 1.81 -8.39	29.38 1.81 -8.70	29.34 1.68 -9.60	30.41 1.57 -11.18	31.56 1.43 -14.11	33.54 1.30 -17.66	39.92 1.37 -22.21	58.08 1.61 -37.71	54.48 2.23 -26.58	42.31 1.78 -19.79	33.43 1.47 -14.44	34.77 1.48 -16.26	33.30 0.91 -21.02	28.72 1.11 -13.51
BATAVIA___115KV_TB1 55881	14.46 0.31 -2.38	12.72 0.24 -2.21	10.31 0.18 -2.72	10.07 0.20 -2.79	11.48 0.22 -2.30	14.28 0.32 -1.97	19.70 0.41 -3.02	23.58 0.31 -3.97	21.55 0.35 -3.94	22.58 0.35 -1.84	21.58 0.21 -2.11	21.33 0.26 -2.19	20.70 0.22 -2.42	20.74 0.26 -2.82	19.82 0.24 -3.56	19.29 0.26 -4.45	22.18 0.25 -5.60	28.45 0.19 -9.51	32.80 0.44 -6.70	26.13 0.41 -4.99	21.56 0.40 -3.64	20.35 0.34 -2.98	15.27 0.33 -3.57	16.70 0.48 -2.12
BAYONEEC___CTG1 323682	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.61 0.82 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.33 1.43 -15.64	29.54 1.86 -7.30	29.47 1.83 -8.39	29.40 1.83 -8.70	29.40 1.73 -9.61	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.96 1.40 -22.22	58.13 1.65 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.36 1.40 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
BAYONEEC___CTG10 323750	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.61 0.82 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.33 1.43 -15.64	29.54 1.86 -7.30	29.47 1.83 -8.39	29.40 1.83 -8.70	29.40 1.73 -9.61	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.96 1.40 -22.22	58.13 1.65 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.36 1.40 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
BAYONEEC___CTG2 323683	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.61 0.82 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.33 1.43 -15.64	29.54 1.86 -7.30	29.47 1.83 -8.39	29.40 1.83 -8.70	29.40 1.73 -9.61	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.96 1.40 -22.22	58.13 1.65 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.36 1.40 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
BAYONEEC___CTG3 323684	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.61 0.82 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.33 1.43 -15.64	29.54 1.86 -7.30	29.47 1.83 -8.39	29.40 1.83 -8.70	29.40 1.73 -9.61	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.96 1.40 -22.22	58.13 1.65 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.36 1.40 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
BAYONEEC___CTG4 323685	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.61 0.82 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.33 1.43 -15.64	29.54 1.86 -7.30	29.47 1.83 -8.39	29.40 1.83 -8.70	29.40 1.73 -9.61	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.96 1.40 -22.22	58.13 1.65 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.36 1.40 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
BAYONEEC___CTG5 323686	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.61 0.82 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.33 1.43 -15.64	29.54 1.86 -7.30	29.47 1.83 -8.39	29.40 1.83 -8.70	29.40 1.73 -9.61	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.96 1.40 -22.22	58.13 1.65 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.36 1.40 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
BAYONEEC___CTG6 323687	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.61 0.82 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.33 1.43 -15.64	29.54 1.86 -7.30	29.47 1.83 -8.39	29.40 1.83 -8.70	29.40 1.73 -9.61	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.96 1.40 -22.22	58.13 1.65 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.36 1.40 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
BAYONEEC___CTG7 323688	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.61 0.82 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.33 1.43 -15.64	29.54 1.86 -7.30	29.47 1.83 -8.39	29.40 1.83 -8.70	29.40 1.73 -9.61	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.96 1.40 -22.22	58.13 1.65 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.36 1.40 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
BAYONEEC___CTG8 323689	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.61 0.82 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.33 1.43 -15.64	29.54 1.86 -7.30	29.47 1.83 -8.39	29.40 1.83 -8.70	29.40 1.73 -9.61	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.96 1.40 -22.22	58.13 1.65 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.36 1.40 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41

BAYONEEC___CTG9 323749	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.61 0.82 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.33 1.43 -15.64	29.54 1.86 -7.30	29.47 1.83 -8.39	29.40 1.83 -8.70	29.40 1.73 -9.61	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.96 1.40 -22.22	58.13 1.65 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.36 1.40 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
BEACON___LESR 323632	23.84 0.48 -11.58	21.44 0.42 -10.75	20.93 0.29 -13.22	20.94 0.28 -13.57	20.51 0.37 -11.19	22.10 0.53 -9.58	31.69 0.72 -14.70	39.48 0.85 -19.33	37.18 0.72 -19.19	30.16 0.82 -8.95	30.30 0.75 -10.29	30.24 0.70 -10.67	30.53 0.69 -11.79	32.09 0.71 -13.72	33.96 0.62 -17.31	36.82 0.57 -21.67	44.26 0.67 -27.26	65.79 0.75 -46.28	59.34 1.05 -32.62	45.85 0.83 -24.29	35.97 0.74 -17.72	32.22 0.68 -14.50	29.23 0.48 -17.39	25.01 0.59 -10.32
BEAVER RIVER___HYD 24048	9.68 -0.16 1.93	8.76 -0.11 1.40	6.92 -0.09 0.41	6.34 -0.10 0.64	7.57 -0.10 1.29	9.61 -0.14 2.24	13.86 -0.11 2.30	16.89 -0.04 2.38	14.54 -0.19 2.54	16.54 -0.31 3.55	16.94 -0.38 1.93	16.61 -0.40 1.86	15.96 -0.41 1.69	15.76 -0.37 1.53	15.43 -0.35 0.24	14.69 -0.31 -0.42	17.62 -0.29 -1.58	21.51 -0.22 -2.99	27.52 -0.26 -2.10	20.76 -0.21 -0.24	16.39 -0.14 0.99	14.82 -0.17 2.05	11.02 -0.09 0.26	12.90 -0.14 1.06
BEEBEE_GT_13 23619	14.23 0.22 -2.22	12.51 0.17 -2.06	10.09 0.13 -2.54	9.83 0.14 -2.61	11.27 0.17 -2.15	14.08 0.25 -1.84	19.46 0.36 -2.82	23.32 0.31 -3.71	21.29 0.35 -3.68	22.46 0.35 -1.72	21.48 0.25 -1.98	21.20 0.28 -2.05	20.59 0.27 -2.26	20.57 0.28 -2.63	19.62 0.27 -3.32	19.03 0.29 -4.16	21.86 0.29 -5.23	27.92 0.28 -8.89	32.44 0.51 -6.26	25.85 0.46 -4.66	21.29 0.37 -3.40	20.14 0.32 -2.78	14.99 0.28 -3.34	16.47 0.39 -1.98
BENSHRST_27_KV_BENSHRST_1 355998	22.23 1.01 -9.44	19.87 0.84 -8.76	18.82 0.62 -10.78	18.72 0.57 -11.06	18.76 0.69 -9.12	20.65 0.85 -7.81	29.48 1.22 -11.98	36.58 1.52 -15.75	34.40 1.50 -15.64	29.60 1.92 -7.29	29.57 1.93 -8.39	29.53 1.96 -8.70	29.54 1.88 -9.60	30.68 1.84 -11.18	31.83 1.70 -14.11	33.74 1.50 -17.66	40.00 1.45 -22.21	58.26 1.78 -37.72	54.61 2.36 -26.59	42.39 1.87 -19.80	33.49 1.52 -14.44	30.39 1.53 -11.82	26.51 0.97 -14.17	23.73 1.23 -8.41
BETHLEHEM___GRP 23843	23.67 0.31 -11.59	21.29 0.27 -10.76	20.84 0.19 -13.24	20.86 0.18 -13.59	20.39 0.24 -11.20	21.93 0.35 -9.59	31.44 0.46 -14.71	39.19 0.54 -19.34	36.93 0.47 -19.21	29.86 0.51 -8.96	30.02 0.46 -10.30	29.99 0.43 -10.68	30.29 0.43 -11.80	31.83 0.44 -13.73	33.74 0.38 -17.33	36.60 0.34 -21.69	44.01 0.39 -27.28	65.51 0.43 -46.33	58.93 0.62 -32.65	45.54 0.50 -24.32	35.69 0.44 -17.74	31.96 0.41 -14.52	29.06 0.28 -17.40	24.79 0.37 -10.33
BETHLEHEM___GS1 323560	23.67 0.31 -11.59	21.29 0.27 -10.76	20.84 0.19 -13.24	20.85 0.18 -13.59	20.39 0.24 -11.20	21.93 0.35 -9.59	31.44 0.46 -14.71	39.19 0.54 -19.34	36.92 0.45 -19.21	29.86 0.51 -8.96	30.02 0.46 -10.30	29.99 0.43 -10.68	30.29 0.43 -11.80	31.83 0.44 -13.73	33.74 0.38 -17.33	36.61 0.34 -21.69	44.01 0.39 -27.28	65.51 0.43 -46.33	58.93 0.62 -32.65	45.54 0.50 -24.32	35.69 0.44 -17.74	31.96 0.41 -14.52	29.06 0.28 -17.40	24.79 0.37 -10.33
BETHLEHEM___GS2 323561	23.67 0.31 -11.59	21.29 0.27 -10.76	20.84 0.19 -13.24	20.85 0.18 -13.59	20.39 0.24 -11.20	21.93 0.35 -9.59	31.44 0.46 -14.71	39.19 0.54 -19.34	36.92 0.45 -19.21	29.86 0.51 -8.96	30.02 0.46 -10.30	29.99 0.43 -10.68	30.29 0.43 -11.80	31.83 0.44 -13.73	33.74 0.38 -17.33	36.61 0.34 -21.69	44.01 0.39 -27.28	65.51 0.43 -46.33	58.93 0.62 -32.65	45.54 0.50 -24.32	35.69 0.44 -17.74	31.96 0.41 -14.52	29.06 0.28 -17.40	24.79 0.37 -10.33
BETHLEHEM___GS3 323562	23.67 0.31 -11.59	21.29 0.27 -10.76	20.84 0.19 -13.24	20.85 0.18 -13.59	20.39 0.24 -11.20	21.93 0.35 -9.59	31.44 0.46 -14.71	39.19 0.54 -19.34	36.92 0.45 -19.21	29.86 0.51 -8.96	30.02 0.46 -10.30	29.99 0.43 -10.68	30.29 0.43 -11.80	31.83 0.44 -13.73	33.74 0.38 -17.33	36.61 0.34 -21.69	44.01 0.39 -27.28	65.51 0.43 -46.33	58.93 0.62 -32.65	45.54 0.50 -24.32	35.69 0.44 -17.74	31.96 0.41 -14.52	29.06 0.28 -17.40	24.79 0.37 -10.33
BETHLEHEM___STEEL 23779	14.38 0.02 -2.58	12.67 0.00 -2.40	10.38 0.01 -2.95	10.14 0.04 -3.03	11.46 0.02 -2.49	14.17 0.05 -2.13	19.63 0.08 -3.27	23.49 -0.12 -4.31	21.44 -0.10 -4.28	22.25 -0.14 -1.99	21.37 -0.17 -2.29	21.19 -0.06 -2.38	20.56 -0.13 -2.63	20.66 -0.05 -3.06	19.82 -0.06 -3.86	19.42 0.01 -4.83	22.41 0.00 -6.07	28.92 -0.15 -10.31	32.84 -0.10 -7.27	26.12 -0.02 -5.41	21.50 0.04 -3.95	20.28 0.02 -3.23	15.37 0.13 -3.87	16.62 0.23 -2.30
BETHLHEM_115KV_TB1 79974	23.69 0.33 -11.58	21.32 0.30 -10.75	20.85 0.21 -13.23	20.86 0.20 -13.58	20.40 0.26 -11.19	21.94 0.37 -9.58	31.48 0.50 -14.70	39.21 0.58 -19.33	36.95 0.50 -19.19	29.92 0.57 -8.95	30.07 0.52 -10.29	30.04 0.49 -10.67	30.33 0.49 -11.79	31.87 0.49 -13.72	33.77 0.43 -17.32	36.63 0.38 -21.67	44.04 0.44 -27.26	65.53 0.49 -46.29	58.98 0.69 -32.62	45.58 0.56 -24.30	35.73 0.49 -17.72	32.00 0.46 -14.51	29.08 0.32 -17.39	24.83 0.41 -10.32
BETHPAGE_CC_5 323564	31.25 1.11 -18.36	24.14 0.94 -12.92	20.40 0.68 -12.30	21.30 0.65 -13.57	23.29 0.80 -13.54	28.00 1.06 -14.95	31.08 1.48 -13.33	36.79 1.74 -15.75	34.55 1.61 -15.68	31.91 2.12 -9.40	29.77 2.04 -8.48	29.68 2.02 -8.78	29.62 1.88 -9.68	30.67 1.77 -11.25	31.78 1.60 -14.15	33.75 1.46 -17.72	40.16 1.55 -22.27	58.32 1.86 -37.71	55.63 2.54 -27.42	42.87 2.05 -20.09	33.92 1.68 -14.72	34.99 1.70 -16.26	33.49 1.09 -21.03	28.97 1.35 -13.52
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	14.38 0.00 -2.60	12.66 -0.02 -2.41	10.38 -0.01 -2.97	10.14 0.01 -3.04	11.45 -0.01 -2.51	14.16 0.02 -2.15	19.60 0.03 -3.29	23.50 -0.14 -4.33	21.43 -0.14 -4.30	22.24 -0.16 -2.01	21.37 -0.19 -2.31	21.17 -0.09 -2.39	20.54 -0.16 -2.64	20.65 -0.09 -3.08	19.83 -0.08 -3.88	19.42 -0.01 -4.86	22.43 -0.02 -6.11	28.96 -0.17 -10.38	32.88 -0.10 -7.32	26.16 -0.02 -5.45	21.51 0.02 -3.97	20.28 0.00 -3.25	15.38 0.11 -3.90	16.61 0.20 -2.31
BINGHAMTON___COGEN 23790	16.08 0.32 -3.98	14.24 0.28 -3.70	12.17 0.20 -4.55	11.95 0.20 -4.67	13.04 0.24 -3.85	15.62 0.34 -3.29	21.85 0.52 -5.06	26.57 0.62 -6.65	24.40 0.54 -6.60	24.12 0.65 -3.08	23.39 0.60 -3.54	23.13 0.59 -3.67	22.67 0.56 -4.05	22.92 0.55 -4.72	22.48 0.50 -5.95	22.51 0.48 -7.45	26.30 0.59 -9.38	35.27 0.60 -15.92	37.76 0.87 -11.22	29.81 0.73 -8.36	24.23 0.61 -6.10	22.60 0.58 -4.99	17.74 0.39 -5.98	18.13 0.48 -3.55
BIXINCNT_115KV_LOAD 355685	14.22 -0.24 -2.67	12.54 -0.22 -2.48	10.31 -0.16 -3.05	10.07 -0.15 -3.13	11.34 -0.20 -2.58	14.01 -0.19 -2.21	19.42 -0.24 -3.39	23.38 -0.39 -4.46	21.30 -0.40 -4.43	22.01 -0.45 -2.07	21.15 -0.48 -2.38	20.94 -0.40 -2.46	20.40 -0.38 -2.72	20.44 -0.39 -3.17	19.65 -0.37 -4.00	19.33 -0.25 -5.00	22.41 -0.21 -6.29	29.18 -0.26 -10.68	33.05 -0.15 -7.53	26.25 -0.08 -5.61	21.57 -0.04 -4.09	20.24 -0.14 -3.35	15.35 -0.03 -4.01	16.42 -0.06 -2.38

BLACK RIVER___HYD 24047	10.92 -0.07 0.79	9.79 -0.02 0.46	7.73 -0.03 -0.34	7.24 -0.04 -0.20	8.58 -0.01 0.36	10.88 -0.01 1.10	15.50 0.11 0.89	18.81 0.23 0.73	17.45 0.14 -0.05	19.24 0.08 1.23	18.88 -0.10 0.27	18.53 -0.13 0.21	17.87 -0.15 0.04	17.74 -0.11 -0.18	17.04 -0.11 -1.13	16.29 -0.09 -1.79	19.14 0.00 -2.81	23.03 0.02 -4.26	28.83 0.15 -3.00	22.15 0.10 -1.32	17.78 0.11 -0.15	16.37 0.07 0.73	12.07 0.06 -0.65	13.87 0.01 0.24
BLACKRVR_115KV_TB2 79977	10.92 -0.07 0.79	9.79 -0.02 0.46	7.73 -0.03 -0.34	7.24 -0.04 -0.20	8.58 -0.01 0.36	10.88 -0.01 1.10	15.50 0.11 0.89	18.80 0.23 0.73	17.25 0.16 0.16	19.15 0.08 1.33	18.77 -0.10 0.39	18.41 -0.13 0.33	17.75 -0.14 0.17	17.58 -0.11 -0.03	16.85 -0.11 -0.94	16.05 -0.09 -1.56	18.84 0.00 -2.51	23.03 0.02 -4.26	28.80 0.13 -3.00	22.15 0.10 -1.32	17.78 0.11 -0.15	16.37 0.07 0.73	12.07 0.06 -0.65	13.87 0.01 0.24
BLISS_WT_PWR 323608	14.16 -0.29 -2.67	12.50 -0.26 -2.48	10.28 -0.19 -3.05	10.03 -0.19 -3.13	11.30 -0.24 -2.58	13.95 -0.25 -2.21	19.34 -0.33 -3.39	23.28 -0.48 -4.46	21.22 -0.48 -4.44	21.93 -0.53 -2.07	21.07 -0.56 -2.38	20.85 -0.49 -2.47	20.34 -0.45 -2.73	20.35 -0.48 -3.17	19.58 -0.45 -4.00	19.27 -0.32 -5.01	22.38 -0.26 -6.30	29.14 -0.30 -10.68	33.02 -0.18 -7.53	26.23 -0.10 -5.61	21.52 -0.09 -4.09	20.19 -0.19 -3.35	15.31 -0.08 -4.01	16.35 -0.13 -2.38
BLUESTONE___WT_PWR 323821	16.56 0.69 -4.09	14.70 0.64 -3.79	12.54 0.45 -4.67	12.29 0.42 -4.79	13.48 0.57 -3.95	16.18 0.80 -3.38	22.70 1.24 -5.19	27.73 1.60 -6.82	25.42 1.38 -6.78	25.17 1.61 -3.16	24.28 1.39 -3.64	23.96 1.32 -3.77	23.43 1.21 -4.16	23.74 1.24 -4.85	23.26 1.12 -6.12	23.31 1.08 -7.66	27.24 1.27 -9.63	36.59 1.50 -16.34	39.31 2.13 -11.52	30.98 1.68 -8.58	25.18 1.40 -6.26	23.46 1.31 -5.12	18.35 0.84 -6.14	18.73 0.99 -3.64
BLUE_CIRC_CHEM_DRP 24182	23.64 0.48 -11.38	21.26 0.42 -10.56	20.71 0.30 -13.00	20.72 0.29 -13.34	20.33 0.38 -11.00	21.92 0.52 -9.41	31.39 0.67 -14.45	39.01 0.71 -19.00	36.74 0.62 -18.86	29.88 0.69 -8.80	30.00 0.64 -10.12	29.96 0.60 -10.49	30.22 0.58 -11.58	31.74 0.60 -13.49	33.59 0.54 -17.02	36.36 0.48 -21.30	43.68 0.56 -26.79	62.59 0.62 -43.22	56.97 0.85 -30.46	45.31 0.70 -23.88	35.55 0.61 -17.42	31.87 0.58 -14.26	28.90 0.44 -17.09	24.80 0.56 -10.14
BOC_GAS_DRP 24189	23.72 0.41 -11.53	21.34 0.37 -10.70	20.85 0.26 -13.17	20.85 0.25 -13.52	20.41 0.31 -11.14	21.96 0.43 -9.54	31.48 0.57 -14.64	39.22 0.68 -19.25	36.97 0.60 -19.11	30.02 0.71 -8.91	30.16 0.65 -10.25	30.16 0.66 -10.63	30.43 0.63 -11.74	31.94 0.62 -13.66	33.83 0.56 -17.24	36.65 0.50 -21.58	44.03 0.56 -27.14	65.63 0.62 -46.26	59.11 0.85 -32.60	45.60 0.68 -24.19	35.76 0.60 -17.65	32.05 0.58 -14.44	29.08 0.40 -17.31	24.87 0.49 -10.28
BOONVILLE_115KV_TB1 79983	11.92 0.15 0.02	10.50 0.15 -0.07	7.91 0.10 -0.39	7.52 0.08 -0.35	9.21 0.14 -0.12	12.02 0.19 0.16	16.65 0.34 -0.03	19.97 0.48 -0.19	17.75 0.36 -0.13	20.29 0.39 0.50	19.48 0.29 0.06	19.10 0.26 0.03	18.34 0.23 -0.05	18.06 0.25 -0.16	16.83 0.21 -0.60	15.72 0.22 -0.92	18.01 0.28 -1.40	21.45 0.32 -2.38	27.81 0.46 -1.68	22.03 0.35 -0.95	18.32 0.37 -0.44	17.44 0.32 -0.08	12.16 0.20 -0.59	14.46 0.21 -0.15
BORALEX_4TH_BRANCH 23824	24.00 0.77 -11.45	21.60 0.70 -10.63	21.01 0.50 -13.08	21.00 0.48 -13.43	20.64 0.62 -11.07	22.30 0.83 -9.48	31.94 1.12 -14.54	39.85 1.43 -19.12	37.47 1.23 -18.98	30.61 1.37 -8.85	30.65 1.21 -10.18	30.64 1.21 -10.56	30.86 1.14 -11.66	32.36 1.13 -13.57	34.16 1.01 -17.13	36.94 0.92 -21.44	44.41 1.11 -26.97	65.80 1.26 -45.79	59.71 1.77 -32.27	46.19 1.43 -24.03	36.24 1.19 -17.53	32.52 1.14 -14.35	29.30 0.73 -17.20	25.22 0.92 -10.21
BOWLINE___1 23526	21.10 0.67 -8.65	18.88 0.57 -8.03	17.73 0.43 -9.88	17.63 0.40 -10.14	17.81 0.49 -8.36	19.77 0.62 -7.16	28.10 0.85 -10.98	34.86 1.12 -14.44	32.67 1.07 -14.34	28.43 1.35 -6.69	28.25 1.31 -7.69	28.17 1.32 -7.97	28.13 1.26 -8.81	29.13 1.22 -10.25	30.07 1.10 -12.94	31.77 0.99 -16.19	37.76 1.06 -20.37	54.57 1.24 -34.58	51.68 1.64 -24.37	40.23 1.35 -18.15	31.85 1.09 -13.24	28.96 1.09 -10.84	25.01 0.65 -12.99	22.61 0.80 -7.71
BOWLINE___2 23595	21.12 0.69 -8.65	18.89 0.59 -8.03	17.74 0.44 -9.88	17.64 0.42 -10.14	17.81 0.50 -8.36	19.80 0.65 -7.16	28.14 0.88 -10.98	34.90 1.16 -14.44	32.71 1.11 -14.34	28.47 1.39 -6.69	28.29 1.35 -7.69	28.21 1.36 -7.97	28.15 1.28 -8.81	29.15 1.24 -10.25	30.10 1.14 -12.94	31.79 1.02 -16.20	37.80 1.09 -20.37	54.61 1.28 -34.59	51.73 1.69 -24.37	40.27 1.39 -18.15	31.88 1.12 -13.24	28.99 1.12 -10.84	25.03 0.67 -12.99	22.64 0.83 -7.71
BRADY___115KV_TB2 356060	4.10 -0.21 7.47	4.32 -0.15 5.80	3.99 -0.12 3.31	2.89 -0.14 4.05	3.26 -0.16 5.53	3.62 -0.32 8.05	6.78 -0.42 9.07	8.83 -0.42 10.05	7.14 -0.64 9.48	8.64 -0.86 10.90	11.73 -0.89 6.63	11.47 -0.91 6.50	10.98 -0.90 6.18	10.79 -0.87 6.00	12.29 -0.79 2.95	12.16 -0.71 1.71	16.26 -0.78 -0.71	19.27 -0.69 -1.21	25.62 -0.90 -0.85	16.76 -0.75 3.23	11.17 -0.60 5.75	8.17 -0.56 8.30	7.55 -0.26 3.56	9.02 -0.34 4.74
BRANSCOMB___SOLAR 323811	24.36 0.64 -11.95	21.93 0.56 -11.09	21.48 0.42 -13.65	21.50 0.40 -14.01	21.05 0.55 -11.55	22.64 0.77 -9.88	32.50 1.06 -15.17	40.60 1.35 -19.94	38.24 1.17 -19.80	30.94 1.31 -9.24	31.09 1.21 -10.62	31.04 1.15 -11.01	31.31 1.08 -12.16	32.91 1.10 -14.16	34.89 0.99 -17.87	37.86 0.92 -22.37	45.46 1.00 -28.13	67.68 1.16 -47.77	60.95 1.62 -33.66	47.08 1.29 -25.07	36.87 1.07 -18.29	32.99 0.99 -14.97	29.93 0.61 -17.94	25.49 0.75 -10.65
BRENTWOD_69_KV_W. BRTWOOD 56703	31.37 1.23 -18.36	24.24 1.05 -12.92	20.48 0.76 -12.30	21.37 0.72 -13.57	23.39 0.90 -13.54	28.14 1.20 -14.95	31.32 1.73 -13.32	36.72 1.66 -15.76	34.58 1.48 -15.83	31.94 2.02 -9.53	29.95 1.93 -8.78	29.87 1.91 -9.09	29.75 1.75 -9.94	30.77 1.64 -11.48	31.80 1.49 -14.29	33.84 1.36 -17.91	40.20 1.39 -22.48	58.35 1.88 -37.72	58.30 2.31 -30.32	43.70 1.87 -21.10	34.78 1.58 -15.69	34.95 1.65 -16.27	33.52 1.13 -21.03	28.95 1.34 -13.52
BRISTLHL_115KV_TB1 79998	13.43 -0.02 -1.68	11.82 -0.01 -1.56	9.32 -0.01 -1.92	9.04 -0.01 -1.97	10.56 -0.02 -1.62	13.37 -0.01 -1.39	18.45 0.05 -2.13	22.12 0.02 -2.80	20.04 0.00 -2.78	21.69 0.00 -1.30	20.74 0.00 -1.49	20.40 -0.02 -1.55	19.77 0.00 -1.71	19.64 0.00 -1.99	18.52 -0.02 -2.51	17.75 0.03 -3.14	20.35 0.07 -3.95	25.44 -0.02 -6.71	30.42 0.03 -4.73	24.27 0.02 -3.52	20.14 0.05 -2.57	19.19 0.05 -2.10	13.94 0.05 -2.52	15.65 0.06 -1.50
BROOKHAVEN___DRP 24191	31.32 1.18 -18.36	24.20 1.01 -12.92	20.46 0.74 -12.30	21.35 0.70 -13.57	23.36 0.86 -13.54	28.10 1.15 -14.95	31.24 1.64 -13.32	37.04 1.87 -15.87	36.51 1.69 -17.56	33.72 2.26 -11.06	33.57 2.14 -12.18	33.56 2.13 -12.56	32.90 1.99 -12.86	33.58 1.85 -14.07	33.59 1.68 -15.88	36.20 1.53 -20.09	42.83 1.65 -24.85	58.48 1.97 -37.76	91.34 2.64 -63.03	55.39 2.14 -32.53	45.88 1.79 -26.58	35.27 1.86 -16.38	33.60 1.16 -21.07	29.13 1.48 -13.56

BROOKLYN_NAVY_YARD 23515	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.58 1.52 -15.75	34.37 1.47 -15.64	29.59 1.90 -7.30	29.51 1.87 -8.39	29.44 1.87 -8.70	29.44 1.77 -9.61	30.55 1.71 -11.18	31.69 1.55 -14.11	33.63 1.39 -17.66	40.01 1.45 -22.22	58.18 1.71 -37.72	54.54 2.28 -26.59	42.35 1.82 -19.80	33.41 1.45 -14.44	30.33 1.48 -11.82	26.44 0.90 -14.17	23.61 1.10 -8.41
BROOKLYN___ARMY_DRP 323595	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
BROOKVLE_69_KV_TB1 55790	31.23 1.08 -18.36	24.12 0.92 -12.92	20.39 0.67 -12.30	21.29 0.64 -13.57	23.28 0.78 -13.54	27.99 1.04 -14.95	31.08 1.48 -13.32	36.86 1.81 -15.75	34.59 1.69 -15.63	31.93 2.18 -9.36	29.76 2.12 -8.39	29.68 2.11 -8.69	29.63 1.97 -9.60	30.71 1.87 -11.18	31.83 1.70 -14.11	33.78 1.55 -17.66	40.19 1.65 -22.21	58.38 1.91 -37.71	54.92 2.67 -26.58	42.68 2.16 -19.79	33.71 1.75 -14.44	35.04 1.75 -16.26	33.48 1.08 -21.02	28.94 1.33 -13.51
BROOME_2_LFGE 323671	16.08 0.32 -3.98	14.25 0.28 -3.70	12.17 0.20 -4.55	11.95 0.20 -4.67	13.04 0.24 -3.85	15.62 0.34 -3.29	21.85 0.52 -5.06	26.57 0.62 -6.65	24.40 0.54 -6.61	24.13 0.65 -3.08	23.39 0.60 -3.54	23.13 0.59 -3.67	22.68 0.56 -4.06	22.93 0.55 -4.72	22.48 0.50 -5.96	22.52 0.48 -7.46	26.31 0.59 -9.38	35.27 0.60 -15.92	37.76 0.87 -11.22	29.81 0.73 -8.36	24.21 0.60 -6.10	22.58 0.56 -4.99	17.74 0.39 -5.98	18.13 0.48 -3.55
BROOME___LFGE 323600	16.08 0.32 -3.98	14.25 0.28 -3.70	12.17 0.20 -4.55	11.95 0.20 -4.67	13.04 0.24 -3.85	15.62 0.34 -3.29	21.85 0.52 -5.06	26.57 0.62 -6.65	24.40 0.54 -6.61	24.13 0.65 -3.08	23.39 0.60 -3.54	23.13 0.59 -3.67	22.68 0.56 -4.06	22.93 0.55 -4.72	22.48 0.50 -5.96	22.52 0.48 -7.46	26.31 0.59 -9.38	35.27 0.60 -15.92	37.76 0.87 -11.22	29.81 0.73 -8.36	24.21 0.60 -6.10	22.58 0.56 -4.99	17.74 0.39 -5.98	18.13 0.48 -3.55
BROWNFLS_115KV_TB_3_5 80003	6.84 -0.33 4.61	6.48 -0.27 3.53	5.40 -0.20 1.81	4.59 -0.21 2.29	5.36 -0.25 3.34	6.53 -0.41 5.05	10.18 -0.52 5.57	12.65 -0.56 6.09	10.78 -0.66 5.83	12.49 -0.84 7.07	14.26 -0.83 4.17	13.95 -0.85 4.07	13.41 -0.83 3.82	13.20 -0.81 3.64	13.79 -0.74 1.49	13.38 -0.67 0.53	16.85 -0.74 -1.25	20.15 -0.73 -2.13	26.17 -1.00 -1.50	18.48 -0.81 1.44	13.59 -0.63 3.29	11.37 -0.60 5.07	9.19 -0.33 1.85	10.85 -0.41 2.84
BROWNSV1_27_KV_LOAD 356125	22.18 0.97 -9.44	19.84 0.81 -8.76	18.79 0.59 -10.78	18.71 0.56 -11.06	18.74 0.67 -9.12	20.70 0.90 -7.81	29.52 1.27 -11.98	36.69 1.64 -15.75	34.47 1.57 -15.64	29.71 2.02 -7.29	29.62 1.98 -8.39	29.57 2.00 -8.70	29.56 1.90 -9.60	30.68 1.84 -11.18	31.80 1.67 -14.11	33.73 1.49 -17.66	40.12 1.57 -22.21	58.31 1.84 -37.72	54.72 2.46 -26.59	42.52 1.99 -19.80	33.54 1.58 -14.44	30.44 1.58 -11.82	26.51 0.97 -14.17	23.71 1.20 -8.41
BURROWS___LYONSDAL 23803	11.48 0.09 0.39	10.16 0.10 0.21	7.72 0.07 -0.24	7.29 0.05 -0.16	8.89 0.10 0.16	11.55 0.13 0.57	16.11 0.26 0.42	19.37 0.39 0.32	17.15 0.26 0.37	19.58 0.27 1.08	18.99 0.15 0.42	18.63 0.13 0.38	17.89 0.11 0.28	17.64 0.14 0.15	16.59 0.11 -0.46	15.55 0.12 -0.85	17.97 0.16 -1.47	21.46 0.21 -2.50	27.76 0.33 -1.76	21.79 0.25 -0.81	17.94 0.26 -0.16	16.92 0.22 0.34	11.94 0.15 -0.42	14.15 0.14 0.09
CAITHNESS_CC_1 323624	31.29 1.14 -18.36	24.17 0.98 -12.92	20.44 0.72 -12.30	21.33 0.68 -13.57	23.33 0.83 -13.54	28.06 1.12 -14.95	31.20 1.60 -13.33	36.97 1.80 -15.87	36.46 1.64 -17.56	33.66 2.20 -11.06	33.52 2.08 -12.19	33.49 2.06 -12.57	32.86 1.93 -12.86	33.51 1.78 -14.07	33.53 1.62 -15.88	36.15 1.47 -20.10	42.75 1.57 -24.85	58.42 1.91 -37.76	91.30 2.57 -63.07	55.34 2.07 -32.54	45.83 1.72 -26.59	35.20 1.79 -16.38	33.55 1.11 -21.07	29.09 1.44 -13.56
CALPINE_BETH_PAGE_GT4 24209	31.24 1.10 -18.36	24.13 0.93 -12.92	20.40 0.68 -12.30	21.29 0.64 -13.57	23.29 0.80 -13.54	28.00 1.06 -14.95	31.03 1.43 -13.32	36.75 1.70 -15.75	34.48 1.59 -15.63	31.83 2.08 -9.36	29.64 2.00 -8.39	29.57 2.00 -8.69	29.52 1.86 -9.60	30.58 1.75 -11.18	31.72 1.59 -14.11	33.68 1.44 -17.66	40.08 1.54 -22.21	58.27 1.80 -37.71	54.76 2.52 -26.58	42.53 2.01 -19.79	33.62 1.66 -14.44	34.98 1.69 -16.26	33.49 1.09 -21.02	28.95 1.34 -13.51
CALPINE_BETH_PAGE_GT_4 323586	31.24 1.10 -18.36	24.13 0.93 -12.92	20.40 0.68 -12.30	21.29 0.64 -13.57	23.29 0.80 -13.54	28.00 1.06 -14.95	31.05 1.45 -13.33	36.75 1.70 -15.75	34.49 1.59 -15.64	31.83 2.08 -9.36	29.64 2.00 -8.39	29.57 2.00 -8.70	29.52 1.86 -9.60	30.59 1.75 -11.18	31.72 1.59 -14.11	33.68 1.44 -17.66	40.08 1.53 -22.21	58.29 1.82 -37.71	54.76 2.52 -26.58	42.53 2.01 -19.79	33.62 1.67 -14.44	34.98 1.69 -16.26	33.49 1.09 -21.02	28.95 1.34 -13.51
CALPINE_BP_GT1 23823	31.24 1.10 -18.36	24.13 0.93 -12.92	20.40 0.68 -12.30	21.29 0.64 -13.57	23.29 0.80 -13.54	28.00 1.06 -14.95	31.05 1.45 -13.33	36.75 1.70 -15.75	34.49 1.59 -15.64	31.83 2.08 -9.36	29.64 2.00 -8.39	29.57 2.00 -8.70	29.52 1.86 -9.60	30.59 1.75 -11.18	31.72 1.59 -14.11	33.68 1.44 -17.66	40.08 1.53 -22.21	58.29 1.82 -37.71	54.76 2.52 -26.58	42.53 2.01 -19.79	33.62 1.67 -14.44	34.98 1.69 -16.26	33.49 1.09 -21.02	28.95 1.34 -13.51
CALSPAN___DRP 24200	14.38 0.02 -2.58	12.67 0.00 -2.40	10.38 0.01 -2.95	10.14 0.04 -3.03	11.46 0.02 -2.49	14.17 0.05 -2.13	19.63 0.08 -3.27	23.49 -0.12 -4.31	21.44 -0.10 -4.28	22.25 -0.14 -1.99	21.37 -0.17 -2.29	21.19 -0.06 -2.38	20.56 -0.13 -2.63	20.66 -0.05 -3.06	19.82 -0.06 -3.86	19.42 0.01 -4.83	22.41 0.00 -6.07	28.92 -0.15 -10.31	32.84 -0.10 -7.27	26.12 -0.02 -5.41	21.50 0.04 -3.95	20.28 0.02 -3.23	15.37 0.13 -3.87	16.62 0.23 -2.30
CALVERTON___SOLAR 323806	31.37 1.22 -18.36	24.24 1.05 -12.92	20.49 0.77 -12.30	21.37 0.72 -13.57	23.39 0.90 -13.54	28.13 1.19 -14.95	31.31 1.71 -13.33	37.14 1.97 -15.87	36.60 1.78 -17.56	33.82 2.36 -11.06	33.67 2.23 -12.18	33.66 2.23 -12.56	33.00 2.08 -12.86	33.67 1.94 -14.07	33.67 1.76 -15.88	36.28 1.60 -20.09	42.91 1.73 -24.85	58.57 2.06 -37.76	91.50 2.80 -63.03	55.50 2.24 -32.53	45.99 1.89 -26.58	35.35 1.94 -16.38	33.65 1.22 -21.07	29.20 1.55 -13.56
CANDIGU_WT_PWR 323617	15.03 0.15 -3.10	13.28 0.13 -2.88	11.06 0.10 -3.54	10.83 0.11 -3.64	12.08 0.13 -3.00	14.75 0.19 -2.57	20.56 0.34 -3.94	24.77 0.29 -5.18	22.65 0.24 -5.15	23.10 0.31 -2.40	22.26 0.25 -2.76	22.02 0.28 -2.86	21.46 0.23 -3.16	21.60 0.27 -3.68	20.90 0.22 -4.65	20.66 0.26 -5.82	24.03 0.38 -7.32	31.50 0.34 -12.41	34.95 0.54 -8.74	27.74 0.50 -6.51	22.65 0.38 -4.75	21.24 0.32 -3.89	16.29 0.26 -4.66	17.20 0.34 -2.77

CARR STREET_E__SYR 24060	13.82 0.11 -1.94	12.17 0.10 -1.80	9.70 0.07 -2.21	9.43 0.07 -2.27	10.91 0.08 -1.87	13.71 0.12 -1.60	18.96 0.23 -2.46	22.79 0.25 -3.23	20.71 0.22 -3.22	22.16 0.26 -1.50	21.23 0.25 -1.73	20.89 0.23 -1.79	20.27 0.23 -1.98	20.19 0.23 -2.31	19.14 0.21 -2.91	18.44 0.22 -3.64	21.17 0.26 -4.58	26.72 0.23 -7.75	31.49 0.36 -5.46	25.08 0.29 -4.07	20.73 0.25 -2.97	19.68 0.22 -2.43	14.44 0.16 -2.91	16.04 0.21 -1.73
CARTHAGE__PAPER 23857	10.40 -0.15 1.23	9.34 -0.10 0.82	7.38 -0.09 -0.05	6.86 -0.10 0.13	8.15 -0.09 0.72	10.33 -0.12 1.54	14.77 -0.06 1.44	17.95 0.02 1.37	17.41 0.10 -0.05	19.18 0.02 1.23	18.82 -0.15 0.27	18.47 -0.19 0.21	17.82 -0.20 0.04	17.68 -0.16 -0.18	16.97 -0.18 -1.13	16.24 -0.13 -1.79	19.10 -0.05 -2.81	22.35 -0.17 -3.77	28.20 -0.13 -2.66	21.51 -0.12 -0.90	17.14 -0.09 0.29	15.68 -0.12 1.24	11.61 -0.06 -0.30	13.41 -0.13 0.56
CASSADAGA_WT_PWR 323784	14.27 -0.18 -2.67	12.58 -0.16 -2.48	10.35 -0.12 -3.05	10.13 -0.08 -3.13	11.41 -0.13 -2.58	14.08 -0.12 -2.21	19.57 -0.10 -3.39	23.60 -0.16 -4.46	21.52 -0.17 -4.43	22.34 -0.12 -2.07	21.47 -0.15 -2.38	21.30 -0.04 -2.46	20.66 -0.13 -2.72	20.77 -0.05 -3.17	19.96 -0.06 -4.00	19.61 0.03 -5.01	22.71 0.08 -6.30	29.48 0.06 -10.67	33.45 0.26 -7.52	26.56 0.23 -5.60	21.71 0.11 -4.09	20.43 0.05 -3.34	15.49 0.11 -4.01	16.63 0.16 -2.38
CE_DUNWOOD__DRP 24194	22.03 0.82 -9.42	19.72 0.70 -8.75	18.68 0.50 -10.76	18.61 0.48 -11.05	18.64 0.58 -9.11	20.55 0.77 -7.80	29.31 1.07 -11.96	36.42 1.39 -15.73	34.19 1.31 -15.62	29.35 1.67 -7.28	29.26 1.64 -8.38	29.20 1.64 -8.68	29.20 1.55 -9.59	30.32 1.50 -11.17	31.48 1.36 -14.09	33.44 1.22 -17.64	39.82 1.31 -22.18	57.94 1.52 -37.67	54.24 2.03 -26.55	42.14 1.64 -19.77	33.25 1.31 -14.42	30.16 1.33 -11.80	26.32 0.80 -14.15	23.48 0.99 -8.40
CE_MILLWOOD__DRP 24193	21.95 0.80 -9.37	19.65 0.68 -8.70	18.62 0.50 -10.70	18.54 0.47 -10.99	18.58 0.57 -9.05	20.50 0.76 -7.75	29.21 1.04 -11.90	36.29 1.35 -15.64	34.07 1.28 -15.53	29.25 1.61 -7.24	29.16 1.58 -8.33	29.09 1.59 -8.64	29.10 1.50 -9.54	30.21 1.45 -11.10	31.35 1.31 -14.01	33.30 1.18 -17.54	39.65 1.26 -22.06	57.67 1.46 -37.46	54.04 1.98 -26.40	41.98 1.60 -19.66	33.14 1.28 -14.34	30.05 1.28 -11.74	26.21 0.77 -14.07	23.41 0.96 -8.35
CE_NYC2_DRP 24202	22.11 0.90 -9.44	19.77 0.74 -8.76	18.74 0.55 -10.78	18.66 0.52 -11.06	18.69 0.62 -9.12	20.57 0.77 -7.81	29.33 1.07 -11.98	36.46 1.41 -15.75	34.28 1.38 -15.64	29.46 1.77 -7.29	29.41 1.77 -8.39	29.38 1.81 -8.70	29.38 1.72 -9.60	30.52 1.68 -11.18	31.67 1.54 -14.11	33.60 1.36 -17.66	39.89 1.34 -22.21	58.11 1.63 -37.72	54.41 2.16 -26.59	42.23 1.70 -19.80	33.33 1.37 -14.44	30.23 1.38 -11.82	26.39 0.85 -14.17	23.58 1.07 -8.41
CE_NYC_DRP 24195	22.12 0.91 -9.44	19.79 0.76 -8.76	18.75 0.56 -10.78	18.67 0.52 -11.06	18.71 0.64 -9.12	20.64 0.84 -7.81	29.44 1.19 -11.98	36.60 1.54 -15.75	34.37 1.47 -15.64	29.58 1.90 -7.29	29.51 1.87 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.55 1.71 -11.18	31.70 1.57 -14.11	33.63 1.38 -17.66	40.00 1.45 -22.21	58.18 1.71 -37.72	54.54 2.28 -26.59	42.35 1.82 -19.80	33.42 1.45 -14.44	30.33 1.48 -11.82	26.44 0.90 -14.17	23.62 1.11 -8.41
CHAFFEE__LFGE 323603	14.42 0.01 -2.63	12.70 -0.01 -2.44	10.42 0.00 -3.00	10.18 0.02 -3.08	11.49 0.00 -2.54	14.20 0.04 -2.17	19.66 0.05 -3.33	23.55 -0.13 -4.38	21.50 -0.12 -4.36	22.29 -0.14 -2.03	21.42 -0.17 -2.34	21.24 -0.06 -2.43	20.59 -0.15 -2.68	20.72 -0.05 -3.12	19.90 -0.06 -3.94	19.52 0.01 -4.93	22.53 0.00 -6.20	29.12 -0.13 -10.50	32.99 -0.08 -7.40	26.24 0.00 -5.51	21.54 0.00 -4.02	20.34 0.02 -3.29	15.44 0.13 -3.94	16.65 0.21 -2.34
CHATEAUG_35_KV_LOAD 355732	1.39 -0.61 9.78	2.06 -0.55 7.65	2.42 -0.39 4.61	1.13 -0.40 5.55	1.11 -0.51 7.34	0.83 -0.71 10.45	3.36 -1.01 11.91	4.68 -1.33 13.29	3.50 -1.28 12.48	4.98 -1.49 13.92	9.43 -1.19 8.63	9.17 -1.23 8.48	8.83 -1.12 8.12	8.54 -1.17 7.95	10.76 -1.01 4.26	10.76 -0.98 2.84	15.24 -1.09 0.00	17.70 -1.05 0.00	24.13 -1.54 0.00	14.56 -1.31 4.87	8.52 -1.17 7.83	4.94 -1.16 10.93	5.53 -0.78 5.05	6.80 -0.99 6.31
CHATEAUG_WT_PWR 323614	1.17 -0.61 9.99	1.91 -0.54 7.82	2.33 -0.38 4.71	1.02 -0.40 5.67	0.96 -0.50 7.49	0.62 -0.70 10.68	3.12 -0.99 12.16	4.39 -1.33 13.58	3.22 -1.29 12.75	4.67 -1.51 14.21	9.26 -1.17 8.81	8.97 -1.25 8.66	8.67 -1.10 8.29	8.37 -1.17 8.12	10.67 -1.01 4.34	10.70 -0.98 2.90	15.24 -1.09 0.00	17.72 -1.03 0.00	24.13 -1.54 0.00	14.45 -1.31 4.97	8.33 -1.19 8.00	4.71 -1.16 11.17	5.43 -0.77 5.16	6.66 -0.99 6.45
CHAT_HIGH_FALL_HYD 323578	1.38 -0.61 9.78	2.06 -0.55 7.65	2.42 -0.39 4.61	1.13 -0.40 5.55	1.11 -0.51 7.34	0.83 -0.71 10.45	3.36 -1.01 11.91	4.70 -1.31 13.29	3.50 -1.28 12.48	4.98 -1.49 13.92	9.43 -1.19 8.63	9.17 -1.23 8.48	8.82 -1.12 8.12	8.54 -1.17 7.95	10.76 -1.01 4.26	10.76 -0.98 2.84	15.24 -1.09 0.00	17.70 -1.05 0.00	24.13 -1.54 0.00	14.56 -1.31 4.87	8.52 -1.17 7.83	4.94 -1.16 10.93	5.53 -0.78 5.05	6.80 -0.99 6.31
CHAUTAUQUA__LFGE 323629	14.45 0.02 -2.64	12.73 0.00 -2.45	10.44 0.01 -3.02	10.22 0.04 -3.10	11.53 0.02 -2.55	14.24 0.06 -2.19	19.75 0.11 -3.36	23.72 0.00 -4.41	21.63 -0.02 -4.39	22.44 0.00 -2.05	21.59 -0.02 -2.35	21.39 0.08 -2.44	20.76 0.00 -2.70	20.87 0.07 -3.14	20.05 0.06 -3.96	19.65 0.12 -4.96	22.72 0.15 -6.24	29.40 0.08 -10.57	33.35 0.23 -7.45	26.50 0.23 -5.55	21.70 0.14 -4.05	20.48 0.14 -3.31	15.53 0.19 -3.97	16.73 0.28 -2.36
CHERRYST_13_KV_LD 356241	22.15 0.93 -9.44	19.81 0.78 -8.76	18.77 0.57 -10.78	18.69 0.54 -11.06	18.73 0.65 -9.12	20.66 0.86 -7.81	29.49 1.24 -11.98	36.66 1.60 -15.75	34.42 1.52 -15.64	29.65 1.96 -7.29	29.57 1.93 -8.39	29.51 1.94 -8.70	29.51 1.84 -9.60	30.62 1.78 -11.18	31.75 1.62 -14.11	33.68 1.44 -17.66	40.07 1.52 -22.21	58.24 1.76 -37.72	54.61 2.36 -26.59	42.41 1.89 -19.80	33.45 1.49 -14.44	30.37 1.52 -11.82	26.46 0.92 -14.17	23.66 1.16 -8.41
CHESTROR_138KV_BK263 355645	20.85 0.67 -8.40	18.64 0.58 -7.79	17.42 0.42 -9.59	17.33 0.40 -9.85	17.55 0.48 -8.12	19.56 0.62 -6.95	27.78 0.85 -10.66	34.42 1.10 -14.02	32.22 1.04 -13.92	28.17 1.28 -6.49	27.97 1.25 -7.47	27.88 1.26 -7.74	27.80 1.19 -8.55	28.77 1.17 -9.95	29.64 1.06 -12.56	31.24 0.95 -15.72	37.13 1.03 -19.77	53.53 1.20 -33.57	50.92 1.59 -23.66	39.65 1.31 -17.62	31.46 1.09 -12.85	28.63 1.07 -10.52	24.62 0.64 -12.61	22.37 0.79 -7.48
CH_MIDHUDSON__DRP 24192	22.06 0.77 -9.52	19.76 0.66 -8.83	18.76 0.47 -10.87	18.70 0.45 -11.16	18.70 0.55 -9.20	20.57 0.71 -7.87	29.32 0.96 -12.08	36.44 1.25 -15.89	34.21 1.17 -15.77	29.20 1.45 -7.36	29.12 1.41 -8.46	29.04 1.40 -8.77	29.08 1.34 -9.69	30.24 1.31 -11.28	31.44 1.19 -14.23	33.46 1.06 -17.81	39.90 1.16 -22.41	58.15 1.35 -38.05	54.28 1.80 -26.81	42.15 1.45 -19.97	33.29 1.21 -14.57	30.16 1.21 -11.92	26.38 0.72 -14.29	23.47 0.89 -8.48

CH_MISC_IPPS 23765	21.90 0.81 -9.31	19.60 0.69 -8.64	18.54 0.49 -10.63	18.47 0.47 -10.91	18.52 0.57 -8.99	20.42 0.73 -7.70	29.07 0.98 -11.82	36.11 1.27 -15.54	33.90 1.21 -15.43	29.06 1.47 -7.20	28.97 1.44 -8.28	28.89 1.43 -8.58	28.93 1.39 -9.48	30.03 1.34 -11.03	31.18 1.23 -13.92	33.11 1.11 -17.42	39.46 1.21 -21.92	57.37 1.41 -37.21	53.74 1.85 -26.22	41.77 1.51 -19.53	33.04 1.28 -14.25	29.95 1.26 -11.66	26.09 0.74 -13.98	23.32 0.93 -8.30
CH_RES_BVR_FALLS 23983	-3.65 -0.45 14.98	-1.84 -0.39 11.72	0.08 -0.28 7.05	-1.68 -0.27 8.50	-2.62 -0.34 11.24	-4.47 -0.46 16.00	-9.82 -0.70 25.40	-9.81 -0.75 28.36	-9.86 -0.62 26.50	-9.86 -0.69 29.56	0.17 -0.75 18.33	0.17 -0.70 18.00	0.16 -0.67 17.23	0.14 -0.63 16.88	6.41 -0.58 9.03	8.03 -0.51 6.04	15.80 -0.54 0.00	18.15 -0.60 0.00	24.80 -0.87 0.00	9.58 -0.77 10.38	0.16 -0.67 16.69	-6.93 -0.65 23.32	0.13 -0.47 10.78	0.06 -0.58 13.46
CH_RES_NIAGARA 23895	14.08 -0.18 -2.47	12.39 -0.17 -2.30	10.13 -0.11 -2.83	9.90 -0.08 -2.90	11.21 -0.13 -2.39	13.87 -0.17 -2.05	19.14 -0.24 -3.11	22.79 -0.64 -4.13	20.80 -0.57 -4.11	21.66 -0.65 -1.92	20.80 -0.65 -2.20	20.61 -0.55 -2.28	20.00 -0.58 -2.52	20.10 -0.49 -2.94	19.25 -0.48 -3.71	18.83 -0.38 -4.63	21.68 -0.47 -5.82	27.90 -0.71 -9.86	31.74 -0.90 -6.97	25.25 -0.66 -5.18	20.78 -0.53 -3.79	19.72 -0.41 -3.10	14.95 -0.14 -3.71	16.26 -0.04 -2.20
CH_RES_SYRACUSE 23985	14.06 0.21 -2.07	12.39 0.19 -1.92	9.92 0.14 -2.37	9.64 0.13 -2.43	11.12 0.17 -2.00	13.93 0.23 -1.71	19.29 0.39 -2.63	23.20 0.44 -3.46	21.09 0.38 -3.44	22.47 0.47 -1.61	21.52 0.42 -1.85	21.20 0.41 -1.92	20.57 0.40 -2.12	20.51 0.39 -2.46	19.48 0.35 -3.11	18.82 0.35 -3.89	21.67 0.44 -4.89	27.44 0.41 -8.28	32.09 0.59 -5.83	25.57 0.50 -4.34	21.11 0.42 -3.17	20.02 0.39 -2.59	14.75 0.27 -3.11	16.28 0.34 -1.85
CLINTON_WT_PWR 323605	1.17 -0.61 9.99	1.91 -0.54 7.82	2.33 -0.38 4.71	1.02 -0.40 5.67	0.96 -0.50 7.49	0.62 -0.70 10.68	3.12 -0.99 12.16	4.39 -1.33 13.58	3.22 -1.29 12.75	4.67 -1.51 14.21	9.26 -1.17 8.81	8.97 -1.25 8.66	8.67 -1.10 8.29	8.37 -1.17 8.12	10.67 -1.01 4.34	10.70 -0.98 2.90	15.24 -1.09 0.00	17.72 -1.03 0.00	24.13 -1.54 0.00	14.45 -1.31 4.97	8.33 -1.19 8.00	4.71 -1.16 11.17	5.43 -0.77 5.16	6.66 -0.99 6.45
CLINTON__LFGE 323618	1.26 -0.58 9.94	1.98 -0.51 7.77	2.37 -0.36 4.68	1.06 -0.38 5.64	1.03 -0.47 7.45	0.72 -0.66 10.62	3.25 -0.93 12.10	4.48 -1.31 13.51	3.31 -1.28 12.68	4.75 -1.51 14.14	9.39 -1.10 8.77	9.11 -1.15 8.61	8.77 -1.05 8.24	8.47 -1.11 8.07	10.74 -0.96 4.32	10.74 -0.95 2.89	15.27 -1.06 0.00	17.80 -0.96 0.00	24.23 -1.44 0.00	14.58 -1.20 4.94	8.46 -1.10 7.95	4.82 -1.11 11.11	5.49 -0.75 5.13	6.73 -0.96 6.41
COBBLENY_34_KV_TB1 80064	14.42 0.01 -2.63	12.70 -0.01 -2.44	10.42 0.00 -3.00	10.18 0.02 -3.08	11.49 0.00 -2.54	14.20 0.04 -2.17	19.66 0.05 -3.33	23.57 -0.12 -4.38	21.49 -0.12 -4.35	22.28 -0.14 -2.03	21.41 -0.17 -2.34	21.24 -0.06 -2.42	20.59 -0.14 -2.67	20.72 -0.05 -3.11	19.89 -0.06 -3.93	19.51 0.01 -4.92	22.52 0.00 -6.18	29.12 -0.13 -10.50	32.99 -0.08 -7.40	26.24 0.00 -5.51	21.57 0.04 -4.02	20.34 0.02 -3.29	15.44 0.13 -3.94	16.65 0.21 -2.34
COFFEEN__115KV_TB3 355620	11.06 -0.01 0.71	9.91 0.03 0.40	7.82 0.01 -0.40	7.32 -0.01 -0.26	8.69 0.04 0.30	11.03 0.06 1.02	15.71 0.23 0.80	19.05 0.37 0.62	17.45 0.26 0.07	19.35 0.20 1.25	18.94 0.02 0.33	18.57 -0.04 0.27	17.90 -0.05 0.11	17.74 -0.02 -0.10	16.96 -0.05 -0.99	16.17 -0.01 -1.61	18.98 0.08 -2.56	23.23 0.13 -4.35	29.04 0.31 -3.06	22.37 0.25 -1.39	18.00 0.25 -0.23	16.58 0.19 0.64	12.22 0.14 -0.71	14.01 0.10 0.19
COLDSPRG_115KV_BK1 355956	14.49 0.00 -2.71	12.78 -0.01 -2.52	10.51 0.00 -3.10	10.28 0.01 -3.18	11.57 0.00 -2.62	14.29 0.06 -2.24	19.88 0.16 -3.44	24.00 0.17 -4.52	21.87 0.12 -4.49	22.67 0.18 -2.10	21.80 0.13 -2.41	21.60 0.23 -2.50	20.93 0.11 -2.76	21.06 0.19 -3.21	20.24 0.16 -4.05	19.86 0.20 -5.07	22.99 0.28 -6.38	29.81 0.23 -10.83	33.77 0.46 -7.64	26.83 0.41 -5.69	21.98 0.32 -4.15	20.67 0.24 -3.40	15.68 0.24 -4.07	16.82 0.31 -2.42
COLONIE_LFGE__ 323577	24.14 0.57 -11.79	21.72 0.50 -10.95	21.25 0.36 -13.47	21.26 0.35 -13.83	20.81 0.46 -11.40	22.37 0.62 -9.76	32.10 0.85 -14.97	40.05 1.06 -19.69	37.74 0.93 -19.55	30.57 1.06 -9.12	30.72 0.98 -10.49	30.69 0.94 -10.87	30.97 0.90 -12.01	32.54 0.90 -13.98	34.48 0.82 -17.64	37.40 0.74 -22.08	44.95 0.85 -27.77	66.86 0.96 -47.15	60.23 1.33 -33.23	46.53 1.06 -24.75	36.46 0.89 -18.05	32.66 0.85 -14.78	29.62 0.53 -17.71	25.27 0.66 -10.51
COOPERNY_115KV_TB1 80082	19.00 0.54 -6.68	16.94 0.46 -6.20	15.39 0.34 -7.63	15.25 0.33 -7.84	15.81 0.39 -6.46	18.04 0.52 -5.53	25.48 0.72 -8.48	31.40 0.95 -11.16	29.22 0.88 -11.08	26.64 1.08 -5.17	26.23 1.04 -5.94	26.07 1.04 -6.16	25.86 0.99 -6.80	26.55 0.97 -7.92	26.90 0.88 -9.99	27.87 0.79 -12.51	32.93 0.87 -15.73	46.46 0.99 -26.72	45.83 1.33 -18.83	35.83 1.08 -14.02	28.64 0.89 -10.23	26.29 0.89 -8.37	21.94 0.53 -10.04	20.72 0.66 -5.96
COPENHAGEN_WT_PWR 323753	11.14 -0.07 0.57	9.96 -0.03 0.28	7.87 -0.03 -0.49	7.40 -0.04 -0.36	8.76 -0.01 0.18	11.10 -0.01 0.88	15.75 0.10 0.63	19.08 0.19 0.42	17.68 0.12 -0.29	19.44 0.06 1.01	19.04 -0.10 0.12	18.69 -0.13 0.05	18.03 -0.15 -0.12	17.90 -0.11 -0.35	17.17 -0.11 -1.26	16.42 -0.09 -1.92	19.25 -0.02 -2.93	23.28 0.02 -4.50	28.97 0.13 -3.17	22.33 0.08 -1.52	17.98 0.09 -0.37	16.61 0.05 0.48	12.25 0.06 -0.82	14.02 0.01 0.09
CORNELL____ 23752	15.36 0.46 -3.12	13.58 0.41 -2.89	11.27 0.29 -3.56	11.02 0.28 -3.66	12.32 0.35 -3.01	15.05 0.48 -2.58	21.02 0.78 -3.96	25.43 0.93 -5.21	23.24 0.81 -5.17	23.74 0.94 -2.41	22.87 0.85 -2.77	22.54 0.79 -2.87	21.99 0.76 -3.17	22.11 0.76 -3.70	21.38 0.69 -4.66	21.10 0.69 -5.84	24.53 0.85 -7.34	32.12 0.90 -12.47	35.76 1.31 -8.79	28.33 1.06 -6.54	23.18 0.89 -4.77	21.76 0.82 -3.91	16.60 0.55 -4.68	17.54 0.66 -2.78
CORONAAV_69_KV_TB1 355595	31.17 1.02 -18.36	24.08 0.88 -12.92	20.36 0.64 -12.30	21.26 0.61 -13.57	23.24 0.74 -13.54	27.93 0.98 -14.95	30.98 1.38 -13.32	36.75 1.70 -15.75	34.48 1.59 -15.63	31.79 2.04 -9.36	29.62 1.98 -8.39	29.55 1.98 -8.69	29.52 1.86 -9.60	30.60 1.77 -11.18	31.73 1.60 -14.11	33.68 1.44 -17.66	40.09 1.55 -22.21	58.25 1.78 -37.71	54.74 2.49 -26.58	42.53 2.01 -19.79	33.60 1.65 -14.44	34.94 1.65 -16.26	33.41 1.01 -21.02	28.85 1.24 -13.51
CORTLAND_115KV_TB3 80093	14.78 0.34 -2.66	13.05 0.31 -2.47	10.67 0.22 -3.04	10.41 0.21 -3.12	11.80 0.27 -2.57	14.55 0.36 -2.20	20.24 0.59 -3.38	24.46 0.71 -4.44	22.30 0.62 -4.41	23.19 0.73 -2.06	22.27 0.65 -2.37	21.95 0.62 -2.45	21.37 0.60 -2.71	21.39 0.58 -3.16	20.53 0.53 -3.98	20.09 0.52 -4.98	23.24 0.64 -6.27	30.07 0.68 -10.65	34.15 0.98 -7.50	27.10 0.79 -5.59	22.26 0.67 -4.08	20.98 0.61 -3.34	15.78 0.41 -4.00	16.98 0.51 -2.37

COXSACKIE___GT 23611	23.36 0.65 -10.93	20.98 0.56 -10.15	20.27 0.37 -12.49	20.27 0.37 -12.82	19.99 0.47 -10.56	21.65 0.61 -9.04	30.80 0.65 -13.88	38.28 0.73 -18.24	35.98 0.60 -18.12	29.35 0.51 -8.45	29.43 0.46 -9.72	29.34 0.40 -10.07	29.62 0.43 -11.13	31.09 0.48 -12.95	32.82 0.45 -16.35	35.45 0.41 -20.46	42.64 0.57 -25.73	60.44 0.82 -40.86	55.57 1.10 -28.80	44.51 0.85 -22.93	35.05 0.81 -16.73	31.46 0.73 -13.69	28.28 0.50 -16.41	24.49 0.65 -9.74
CPV_VALLEY___CC1 323721	20.22 0.62 -7.82	18.06 0.53 -7.26	16.74 0.39 -8.93	16.62 0.38 -9.17	16.96 0.46 -7.55	19.05 0.59 -6.47	27.01 0.81 -9.92	33.39 1.04 -13.05	31.20 0.98 -12.96	27.66 1.22 -6.04	27.40 1.19 -6.95	27.27 1.19 -7.21	27.16 1.14 -7.96	28.04 1.11 -9.27	28.73 1.01 -11.69	30.12 0.90 -14.63	35.72 0.98 -18.41	51.13 1.13 -31.25	49.21 1.51 -22.02	38.35 1.22 -16.40	30.50 1.02 -11.97	27.83 1.00 -9.79	23.71 0.60 -11.74	21.81 0.75 -6.97
CPV_VALLEY___CC2 323722	20.22 0.62 -7.82	18.06 0.53 -7.26	16.74 0.39 -8.93	16.62 0.38 -9.17	16.96 0.46 -7.55	19.05 0.59 -6.47	27.01 0.81 -9.92	33.39 1.04 -13.05	31.20 0.98 -12.96	27.66 1.22 -6.04	27.40 1.19 -6.95	27.27 1.19 -7.21	27.16 1.14 -7.96	28.04 1.11 -9.27	28.73 1.01 -11.69	30.12 0.90 -14.63	35.72 0.98 -18.41	51.13 1.13 -31.25	49.21 1.51 -22.02	38.35 1.22 -16.40	30.50 1.02 -11.97	27.83 1.00 -9.79	23.71 0.60 -11.74	21.81 0.75 -6.97
CRESCENT___HYD 24018	24.14 0.57 -11.79	21.72 0.50 -10.95	21.25 0.36 -13.47	21.26 0.35 -13.83	20.81 0.46 -11.40	22.37 0.62 -9.76	32.10 0.85 -14.97	40.05 1.06 -19.69	37.74 0.93 -19.55	30.57 1.06 -9.12	30.72 0.98 -10.49	30.69 0.94 -10.87	30.97 0.90 -12.01	32.54 0.90 -13.98	34.48 0.82 -17.64	37.40 0.74 -22.08	44.95 0.85 -27.77	66.86 0.96 -47.15	60.23 1.33 -33.23	46.53 1.06 -24.75	36.46 0.89 -18.05	32.66 0.85 -14.78	29.62 0.53 -17.71	25.27 0.66 -10.51
CRICKET___VALLEY_CC1 323756	22.36 0.69 -9.89	20.05 0.61 -9.18	19.15 0.44 -11.29	19.09 0.42 -11.59	19.02 0.51 -9.55	20.85 0.68 -8.18	29.74 0.91 -12.55	37.00 1.20 -16.50	34.74 1.09 -16.39	29.36 1.32 -7.64	29.29 1.25 -8.79	29.23 1.25 -9.11	29.32 1.19 -10.06	30.52 1.15 -11.72	31.85 1.04 -14.79	34.02 0.93 -18.51	40.66 1.05 -23.28	59.48 1.20 -39.53	55.17 1.64 -27.85	42.82 1.35 -20.74	33.74 1.09 -15.13	30.49 1.07 -12.39	26.88 0.66 -14.85	23.73 0.82 -8.81
CRICKET___VALLEY_CC2 323757	22.36 0.69 -9.89	20.05 0.61 -9.18	19.15 0.44 -11.29	19.09 0.42 -11.59	19.02 0.51 -9.55	20.85 0.68 -8.18	29.74 0.91 -12.55	37.00 1.20 -16.50	34.74 1.09 -16.39	29.36 1.32 -7.64	29.29 1.25 -8.79	29.23 1.25 -9.11	29.32 1.19 -10.06	30.52 1.15 -11.72	31.85 1.04 -14.79	34.02 0.93 -18.51	40.66 1.05 -23.28	59.48 1.20 -39.53	55.17 1.64 -27.85	42.82 1.35 -20.74	33.74 1.09 -15.13	30.49 1.07 -12.39	26.88 0.66 -14.85	23.73 0.82 -8.81
CRICKET___VALLEY_CC3 323758	22.36 0.69 -9.89	20.05 0.61 -9.18	19.15 0.44 -11.29	19.09 0.42 -11.59	19.02 0.51 -9.55	20.85 0.68 -8.18	29.74 0.91 -12.55	37.00 1.20 -16.50	34.74 1.09 -16.39	29.36 1.32 -7.64	29.29 1.25 -8.79	29.23 1.25 -9.11	29.32 1.19 -10.06	30.52 1.15 -11.72	31.85 1.04 -14.79	34.02 0.93 -18.51	40.66 1.05 -23.28	59.48 1.20 -39.53	55.17 1.64 -27.85	42.82 1.35 -20.74	33.74 1.09 -15.13	30.49 1.07 -12.39	26.88 0.66 -14.85	23.73 0.82 -8.81
CRUCIBLE_METL_DRP 24180	14.06 0.21 -2.07	12.39 0.20 -1.92	9.92 0.14 -2.37	9.65 0.13 -2.43	11.12 0.17 -2.00	13.93 0.23 -1.71	19.29 0.39 -2.63	23.20 0.44 -3.46	21.09 0.40 -3.43	22.46 0.47 -1.60	21.52 0.42 -1.84	21.20 0.42 -1.91	20.57 0.40 -2.11	20.50 0.39 -2.45	19.47 0.35 -3.10	18.80 0.35 -3.88	21.65 0.44 -4.87	27.44 0.41 -8.28	32.09 0.59 -5.83	25.57 0.50 -4.34	21.11 0.42 -3.17	20.02 0.39 -2.59	14.75 0.27 -3.11	16.28 0.34 -1.85
DAHOWA___HYDRO 323763	24.40 0.65 -11.97	21.96 0.57 -11.11	21.52 0.43 -13.68	21.54 0.42 -14.04	21.10 0.58 -11.57	22.71 0.82 -9.90	32.61 1.14 -15.20	40.72 1.43 -19.98	38.35 1.24 -19.84	31.06 1.41 -9.26	31.19 1.29 -10.64	31.13 1.23 -11.04	31.40 1.16 -12.19	33.01 1.17 -14.19	34.99 1.06 -17.90	37.97 0.98 -22.41	45.57 1.05 -28.19	67.82 1.20 -47.86	61.09 1.69 -33.73	47.18 1.33 -25.12	36.96 1.12 -18.32	33.03 1.00 -15.00	29.97 0.62 -17.98	25.53 0.76 -10.67
DANC___LFGE 323619	11.91 -0.06 -0.19	10.59 -0.03 -0.35	8.38 -0.03 -0.99	7.97 -0.04 -0.92	9.37 -0.02 -0.43	11.85 -0.02 0.12	16.67 0.08 -0.31	20.10 0.12 -0.68	18.47 0.05 -1.16	20.18 0.02 0.24	19.61 -0.08 -0.43	19.26 -0.11 -0.50	18.62 -0.11 -0.67	18.49 -0.09 -0.92	17.64 -0.10 -1.71	16.89 -0.07 -2.38	19.66 -0.02 -3.34	24.09 -0.02 -5.35	29.49 0.05 -3.77	23.01 0.04 -2.24	18.69 0.04 -1.14	17.47 0.03 -0.40	12.84 0.05 -1.42	14.57 0.01 -0.46
DANSKAMMER___1 23586	21.90 0.81 -9.31	19.60 0.69 -8.64	18.54 0.49 -10.63	18.47 0.47 -10.91	18.52 0.57 -8.99	20.42 0.73 -7.70	29.07 0.98 -11.82	36.11 1.27 -15.54	33.90 1.21 -15.43	29.06 1.47 -7.20	28.97 1.44 -8.28	28.89 1.43 -8.58	28.93 1.39 -9.48	30.03 1.34 -11.03	31.18 1.23 -13.92	33.11 1.11 -17.42	39.46 1.21 -21.92	57.37 1.41 -37.21	53.74 1.85 -26.22	41.77 1.51 -19.53	33.04 1.28 -14.25	29.95 1.26 -11.66	26.09 0.74 -13.98	23.32 0.93 -8.30
DANSKAMMER___2 23589	21.90 0.81 -9.31	19.60 0.69 -8.64	18.54 0.49 -10.63	18.47 0.47 -10.91	18.52 0.57 -8.99	20.42 0.73 -7.70	29.07 0.98 -11.82	36.11 1.27 -15.54	33.90 1.21 -15.43	29.06 1.47 -7.20	28.97 1.44 -8.28	28.89 1.43 -8.58	28.93 1.39 -9.48	30.03 1.34 -11.03	31.18 1.23 -13.92	33.11 1.11 -17.42	39.46 1.21 -21.92	57.37 1.41 -37.21	53.74 1.85 -26.22	41.77 1.51 -19.53	33.04 1.28 -14.25	29.95 1.26 -11.66	26.09 0.74 -13.98	23.32 0.93 -8.30
DANSKAMMER___3 23590	21.90 0.81 -9.31	19.60 0.69 -8.64	18.54 0.49 -10.63	18.47 0.47 -10.91	18.52 0.57 -8.99	20.42 0.73 -7.70	29.07 0.98 -11.82	36.11 1.27 -15.54	33.90 1.21 -15.43	29.06 1.47 -7.20	28.97 1.44 -8.28	28.89 1.43 -8.58	28.93 1.39 -9.48	30.03 1.34 -11.03	31.18 1.23 -13.92	33.11 1.11 -17.42	39.46 1.21 -21.92	57.37 1.41 -37.21	53.74 1.85 -26.22	41.77 1.51 -19.53	33.04 1.28 -14.25	29.95 1.26 -11.66	26.09 0.74 -13.98	23.32 0.93 -8.30
DANSKAMMER___4 23591	21.90 0.81 -9.31	19.60 0.69 -8.64	18.54 0.49 -10.63	18.47 0.47 -10.91	18.52 0.57 -8.99	20.42 0.73 -7.70	29.07 0.98 -11.82	36.11 1.27 -15.54	33.90 1.21 -15.43	29.06 1.47 -7.20	28.97 1.44 -8.28	28.89 1.43 -8.58	28.93 1.39 -9.48	30.03 1.34 -11.03	31.18 1.23 -13.92	33.11 1.11 -17.42	39.46 1.21 -21.92	57.37 1.41 -37.21	53.74 1.85 -26.22	41.77 1.51 -19.53	33.04 1.28 -14.25	29.95 1.26 -11.66	26.09 0.74 -13.98	23.32 0.93 -8.30
DANSKAMMER___DIESEL 23592	21.90 0.81 -9.31	19.60 0.69 -8.64	18.54 0.49 -10.63	18.47 0.47 -10.91	18.52 0.57 -8.99	20.42 0.73 -7.70	29.05 0.96 -11.82	36.11 1.27 -15.54	33.90 1.21 -15.43	29.06 1.47 -7.20	28.97 1.44 -8.27	28.88 1.43 -8.58	28.93 1.39 -9.47	30.03 1.34 -11.03	31.18 1.23 -13.92	33.11 1.11 -17.42	39.46 1.21 -21.91	57.37 1.41 -37.21	53.74 1.85 -26.22	41.77 1.51 -19.53	33.04 1.28 -14.25	29.95 1.26 -11.66	26.09 0.74 -13.98	23.32 0.93 -8.30

DARBY___SOLAR 323810	24.36 0.64 -11.95	21.93 0.56 -11.09	21.49 0.42 -13.65	21.50 0.41 -14.01	21.06 0.56 -11.55	22.66 0.78 -9.89	32.52 1.07 -15.17	40.62 1.37 -19.95	38.26 1.19 -19.81	30.98 1.35 -9.24	31.13 1.25 -10.62	31.08 1.19 -11.01	31.34 1.12 -12.16	32.95 1.13 -14.16	34.92 1.03 -17.87	37.89 0.95 -22.37	45.50 1.03 -28.13	67.71 1.18 -47.77	60.98 1.64 -33.67	47.09 1.29 -25.07	36.89 1.09 -18.29	32.99 0.99 -14.97	29.93 0.61 -17.94	25.49 0.75 -10.65
DASHVILLE___HYD 23610	21.96 0.59 -9.59	19.66 0.49 -8.90	18.73 0.36 -10.95	18.67 0.34 -11.24	18.62 0.40 -9.27	20.42 0.49 -7.93	29.10 0.65 -12.17	36.23 0.93 -16.01	34.05 0.90 -15.89	28.93 1.12 -7.41	28.91 1.14 -8.52	28.86 1.15 -8.84	28.92 1.10 -9.76	30.08 1.06 -11.36	31.34 0.98 -14.34	33.39 0.86 -17.95	39.84 0.93 -22.57	57.40 1.11 -37.54	53.77 1.64 -26.46	41.97 1.12 -20.12	33.18 0.98 -14.68	30.03 0.99 -12.01	26.30 0.53 -14.40	23.31 0.66 -8.55
DEERFIELD_69_KV_DEERFIELD LD 355887	31.58 1.44 -18.36	24.43 1.23 -12.92	20.63 0.90 -12.30	21.51 0.86 -13.57	23.55 1.06 -13.54	28.36 1.42 -14.95	31.65 2.05 -13.32	37.58 2.41 -15.87	37.01 2.19 -17.55	34.29 2.83 -11.06	34.16 2.73 -12.18	34.13 2.70 -12.56	33.42 2.51 -12.85	34.10 2.38 -14.06	34.05 2.15 -15.88	36.65 1.98 -20.09	43.35 2.17 -24.84	59.08 2.57 -37.76	92.17 3.52 -62.99	56.08 2.84 -32.52	46.43 2.35 -26.56	35.78 2.37 -16.38	33.90 1.47 -21.07	29.50 1.85 -13.56
DELAWARE___LFGE 323621	16.91 0.49 -4.64	15.01 0.43 -4.31	13.03 0.31 -5.30	12.81 0.29 -5.44	13.81 0.38 -4.48	16.33 0.50 -3.84	22.91 0.75 -5.89	28.01 0.97 -7.74	25.81 0.86 -7.69	25.02 1.04 -3.59	24.34 0.96 -4.12	24.09 0.94 -4.28	23.67 0.88 -4.72	24.02 0.87 -5.50	23.75 0.79 -6.94	23.99 0.73 -8.68	28.07 0.82 -10.92	38.22 0.92 -18.55	40.02 1.28 -13.07	31.50 1.04 -9.73	25.51 0.89 -7.10	23.70 0.85 -5.81	18.87 0.53 -6.97	18.88 0.65 -4.13
DERFIELD_115KV_TB7 355931	12.64 0.06 -0.80	10.98 0.05 -0.66	7.98 0.04 -0.53	7.71 0.04 -0.59	9.65 0.04 -0.65	12.87 0.07 -0.80	17.39 0.10 -1.02	20.63 0.14 -1.19	18.49 0.12 -1.11	21.56 0.16 -1.00	20.08 0.12 -0.71	19.71 0.13 -0.71	18.88 0.11 -0.71	18.52 0.12 -0.74	16.72 0.11 -0.59	15.27 0.10 -0.59	16.97 0.11 -0.52	19.75 0.11 -0.89	26.45 0.15 -0.63	21.62 0.12 -0.77	18.45 0.11 -0.82	18.09 0.10 -0.95	12.08 0.07 -0.65	14.76 0.07 -0.59
DOGLEVILLE___HYD 23807	12.90 0.32 -0.80	11.21 0.28 -0.66	8.14 0.20 -0.53	7.86 0.19 -0.59	9.86 0.26 -0.65	13.17 0.37 -0.80	17.83 0.54 -1.02	21.17 0.68 -1.19	18.97 0.60 -1.10	22.10 0.71 -0.99	20.61 0.65 -0.70	20.22 0.64 -0.70	19.38 0.61 -0.70	18.93 0.55 -0.73	17.08 0.48 -0.58	15.59 0.44 -0.57	17.35 0.51 -0.51	20.09 0.45 -0.89	26.88 0.59 -0.63	21.95 0.46 -0.77	18.83 0.49 -0.82	18.50 0.51 -0.95	12.35 0.33 -0.65	15.08 0.39 -0.59
DUNKIRK___115KV_TB_200 55889	14.47 0.05 -2.64	12.74 0.02 -2.45	10.46 0.02 -3.02	10.23 0.05 -3.10	11.53 0.03 -2.55	14.26 0.08 -2.19	19.76 0.13 -3.35	23.73 0.02 -4.41	21.64 0.00 -4.38	22.46 0.02 -2.04	21.58 -0.02 -2.35	21.40 0.09 -2.43	20.77 0.02 -2.69	20.87 0.09 -3.13	20.04 0.06 -3.95	19.65 0.13 -4.94	22.70 0.15 -6.22	29.39 0.08 -10.56	33.34 0.23 -7.44	26.50 0.23 -5.54	21.74 0.18 -4.04	20.48 0.14 -3.31	15.54 0.20 -3.97	16.75 0.30 -2.35
DUNKIRK___1 23563	14.47 0.05 -2.64	12.74 0.02 -2.45	10.46 0.02 -3.02	10.23 0.05 -3.10	11.53 0.03 -2.55	14.26 0.08 -2.19	19.76 0.13 -3.35	23.73 0.02 -4.41	21.64 0.00 -4.38	22.46 0.02 -2.04	21.58 -0.02 -2.35	21.40 0.09 -2.43	20.77 0.02 -2.69	20.87 0.09 -3.13	20.04 0.06 -3.95	19.65 0.13 -4.94	22.70 0.15 -6.22	29.39 0.08 -10.56	33.34 0.23 -7.44	26.50 0.23 -5.54	21.74 0.18 -4.04	20.48 0.14 -3.31	15.54 0.20 -3.97	16.75 0.30 -2.35
DUNKIRK___2 23564	14.47 0.05 -2.64	12.74 0.02 -2.45	10.46 0.02 -3.02	10.23 0.05 -3.10	11.53 0.03 -2.55	14.26 0.08 -2.19	19.76 0.13 -3.35	23.73 0.02 -4.41	21.64 0.00 -4.38	22.46 0.02 -2.04	21.58 -0.02 -2.35	21.40 0.09 -2.43	20.77 0.02 -2.69	20.87 0.09 -3.13	20.04 0.06 -3.95	19.65 0.13 -4.94	22.70 0.15 -6.22	29.39 0.08 -10.56	33.34 0.23 -7.44	26.50 0.23 -5.54	21.74 0.18 -4.04	20.48 0.14 -3.31	15.54 0.20 -3.97	16.75 0.30 -2.35
DUNKIRK___3 23565	14.47 0.05 -2.64	12.74 0.02 -2.45	10.46 0.02 -3.02	10.22 0.04 -3.10	11.53 0.03 -2.55	14.25 0.07 -2.19	19.76 0.13 -3.35	23.71 0.00 -4.41	21.62 -0.02 -4.38	22.42 -0.02 -2.04	21.54 -0.06 -2.35	21.36 0.06 -2.44	20.73 -0.02 -2.69	20.84 0.05 -3.13	20.01 0.03 -3.95	19.61 0.09 -4.95	22.67 0.11 -6.22	29.33 0.02 -10.56	33.27 0.15 -7.45	26.44 0.17 -5.54	21.70 0.14 -4.04	20.46 0.12 -3.31	15.52 0.18 -3.97	16.72 0.27 -2.36
DUNKIRK___4 23566	14.42 0.04 -2.61	12.70 0.01 -2.42	10.41 0.01 -2.98	10.18 0.04 -3.06	11.49 0.02 -2.52	14.21 0.06 -2.16	19.70 0.11 -3.31	23.62 -0.04 -4.36	21.55 -0.03 -4.33	22.37 -0.04 -2.02	21.50 -0.08 -2.32	21.32 0.04 -2.41	20.68 -0.04 -2.66	20.79 0.04 -3.09	19.94 0.02 -3.90	19.55 0.09 -4.89	22.58 0.10 -6.14	29.19 0.00 -10.43	33.15 0.13 -7.35	26.35 0.15 -5.48	21.64 0.12 -4.00	20.40 0.10 -3.27	15.46 0.17 -3.92	16.69 0.27 -2.33
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.05 0.84 -9.44	19.75 0.72 -8.76	18.71 0.52 -10.78	18.64 0.50 -11.06	18.67 0.60 -9.12	20.59 0.79 -7.81	29.36 1.11 -11.98	36.48 1.43 -15.75	34.26 1.36 -15.64	29.42 1.73 -7.29	29.33 1.69 -8.39	29.27 1.70 -8.70	29.27 1.61 -9.60	30.39 1.55 -11.18	31.54 1.41 -14.11	33.49 1.25 -17.66	39.89 1.34 -22.21	58.03 1.56 -37.72	54.36 2.10 -26.58	42.23 1.70 -19.80	33.33 1.37 -14.44	30.22 1.36 -11.82	26.37 0.83 -14.17	23.54 1.03 -8.41
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.44 0.72 -8.94	19.19 0.62 -8.30	18.08 0.44 -10.22	17.99 0.42 -10.49	18.11 0.52 -8.64	20.05 0.66 -7.40	28.51 0.88 -11.35	35.41 1.18 -14.93	33.19 1.10 -14.82	28.65 1.35 -6.91	28.53 1.33 -7.95	28.44 1.32 -8.24	28.43 1.26 -9.10	29.49 1.24 -10.60	30.53 1.14 -13.37	32.32 1.01 -16.74	38.50 1.11 -21.05	55.78 1.28 -35.75	52.56 1.69 -25.20	40.88 1.39 -18.76	32.36 1.16 -13.69	29.39 1.16 -11.20	25.47 0.67 -13.43	22.91 0.85 -7.97
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.09 0.87 -9.44	19.74 0.71 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.51 0.71 -7.81	29.25 0.99 -11.98	36.35 1.29 -15.75	34.20 1.29 -15.64	29.36 1.67 -7.29	29.32 1.67 -8.39	29.29 1.72 -8.70	29.29 1.63 -9.60	30.43 1.59 -11.18	31.59 1.46 -14.11	33.52 1.28 -17.66	39.82 1.27 -22.21	58.01 1.54 -37.72	54.28 2.03 -26.59	42.14 1.62 -19.80	33.24 1.28 -14.44	30.15 1.29 -11.82	26.33 0.78 -14.17	23.52 1.01 -8.41
E179THST_13_KV_LOAD 356214	22.13 0.92 -9.44	19.78 0.75 -8.76	18.77 0.57 -10.78	18.68 0.53 -11.06	18.70 0.63 -9.12	20.54 0.74 -7.81	29.31 1.06 -11.98	36.44 1.39 -15.75	34.26 1.36 -15.64	29.44 1.75 -7.29	29.41 1.77 -8.39	29.36 1.79 -8.70	29.38 1.72 -9.60	30.52 1.68 -11.18	31.67 1.54 -14.11	33.60 1.36 -17.66	39.90 1.36 -22.21	58.11 1.63 -37.72	54.43 2.18 -26.59	42.25 1.72 -19.80	33.31 1.35 -14.44	30.23 1.38 -11.82	26.38 0.84 -14.17	23.58 1.07 -8.41

EAST HAMPTON___GT 23717	31.71 1.57 -18.36	24.53 1.33 -12.92	20.71 0.99 -12.30	21.58 0.93 -13.57	23.65 1.16 -13.54	28.48 1.54 -14.95	31.85 2.25 -13.33	37.85 2.68 -15.87	37.27 2.45 -17.56	34.57 3.12 -11.06	34.43 3.00 -12.18	34.41 2.98 -12.56	33.68 2.76 -12.85	34.35 2.63 -14.06	34.29 2.39 -15.88	36.87 2.20 -20.09	43.61 2.43 -24.85	59.38 2.87 -37.76	92.60 3.95 -62.98	56.43 3.19 -32.51	46.71 2.63 -26.56	36.02 2.61 -16.38	34.06 1.63 -21.07	29.67 2.02 -13.56
EAST RIVER___6 23660	22.12 0.91 -9.44	19.79 0.76 -8.76	18.75 0.56 -10.78	18.67 0.52 -11.06	18.70 0.63 -9.12	20.64 0.84 -7.81	29.46 1.20 -11.98	36.62 1.56 -15.75	34.44 1.54 -15.64	29.65 1.96 -7.30	29.57 1.92 -8.39	29.51 1.94 -8.70	29.51 1.84 -9.61	30.62 1.78 -11.18	31.75 1.62 -14.11	33.69 1.44 -17.66	40.05 1.50 -22.22	58.26 1.78 -37.72	54.61 2.36 -26.59	42.41 1.89 -19.80	33.45 1.49 -14.44	30.35 1.50 -11.82	26.45 0.91 -14.17	23.63 1.13 -8.41
EAST RIVER___7 23524	22.12 0.91 -9.44	19.79 0.76 -8.76	18.75 0.56 -10.78	18.67 0.52 -11.06	18.70 0.63 -9.12	20.64 0.84 -7.81	29.46 1.20 -11.98	36.62 1.56 -15.75	34.44 1.54 -15.64	29.65 1.96 -7.30	29.57 1.92 -8.39	29.51 1.94 -8.70	29.51 1.84 -9.61	30.62 1.78 -11.18	31.75 1.62 -14.11	33.69 1.44 -17.66	40.05 1.50 -22.22	58.26 1.78 -37.72	54.61 2.36 -26.59	42.41 1.89 -19.80	33.45 1.49 -14.44	30.35 1.50 -11.82	26.45 0.91 -14.17	23.63 1.13 -8.41
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.03 0.82 -9.42	19.72 0.70 -8.75	18.68 0.50 -10.76	18.61 0.48 -11.05	18.64 0.58 -9.11	20.55 0.77 -7.80	29.31 1.07 -11.96	36.42 1.39 -15.73	34.19 1.31 -15.62	29.35 1.67 -7.28	29.26 1.64 -8.38	29.20 1.64 -8.68	29.20 1.55 -9.59	30.32 1.50 -11.17	31.48 1.36 -14.09	33.44 1.22 -17.64	39.82 1.31 -22.18	57.94 1.52 -37.67	54.24 2.03 -26.55	42.14 1.64 -19.77	33.25 1.31 -14.42	30.16 1.33 -11.80	26.32 0.80 -14.15	23.48 0.99 -8.40
EAST_HAMPTON___DIESEL 23722	31.71 1.57 -18.36	24.54 1.35 -12.92	20.71 0.99 -12.30	21.58 0.93 -13.57	23.65 1.16 -13.54	28.49 1.55 -14.95	31.85 2.25 -13.33	37.85 2.68 -15.87	37.27 2.45 -17.56	34.57 3.12 -11.06	34.45 3.02 -12.18	34.41 2.98 -12.56	33.70 2.78 -12.85	34.37 2.65 -14.06	34.29 2.39 -15.88	36.87 2.20 -20.09	43.61 2.43 -24.85	59.38 2.87 -37.76	92.60 3.95 -62.98	56.43 3.19 -32.51	46.71 2.63 -26.56	36.02 2.61 -16.38	34.06 1.63 -21.07	29.67 2.02 -13.56
EAST_PULASKI___ESR 323781	12.67 -0.04 -0.93	11.20 -0.02 -0.95	8.86 -0.02 -1.46	8.51 -0.02 -1.45	9.96 -0.02 -1.03	12.61 -0.01 -0.63	17.56 0.07 -1.22	21.12 0.08 -1.74	19.19 0.02 -1.91	20.88 0.00 -0.49	20.12 -0.06 -0.93	19.78 -0.08 -0.99	19.14 -0.07 -1.15	19.02 -0.05 -1.42	18.03 -0.06 -2.07	17.25 -0.04 -2.72	19.93 0.00 -3.59	24.84 -0.02 -6.10	29.99 0.03 -4.30	23.66 0.02 -2.91	19.40 0.02 -1.86	18.30 0.02 -1.25	13.40 0.05 -1.99	15.12 0.04 -0.98
EAST_RIVER___1 323558	22.12 0.91 -9.44	19.79 0.76 -8.76	18.75 0.56 -10.78	18.67 0.52 -11.06	18.71 0.64 -9.12	20.64 0.84 -7.81	29.44 1.19 -11.98	36.58 1.52 -15.75	34.39 1.48 -15.64	29.59 1.90 -7.30	29.51 1.87 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.55 1.71 -11.18	31.69 1.55 -14.11	33.63 1.39 -17.66	40.01 1.45 -22.22	58.18 1.71 -37.72	54.54 2.28 -26.59	42.35 1.82 -19.80	33.41 1.45 -14.44	30.33 1.48 -11.82	26.44 0.90 -14.17	23.62 1.11 -8.41
EAST_RIVER___2 323559	22.12 0.91 -9.44	19.79 0.76 -8.76	18.75 0.56 -10.78	18.67 0.52 -11.06	18.70 0.63 -9.12	20.64 0.84 -7.81	29.46 1.20 -11.98	36.62 1.56 -15.75	34.44 1.54 -15.64	29.65 1.96 -7.30	29.57 1.92 -8.39	29.51 1.94 -8.70	29.51 1.84 -9.61	30.62 1.78 -11.18	31.75 1.62 -14.11	33.69 1.44 -17.66	40.05 1.50 -22.22	58.26 1.78 -37.72	54.61 2.36 -26.59	42.41 1.89 -19.80	33.45 1.49 -14.44	30.35 1.50 -11.82	26.45 0.91 -14.17	23.63 1.13 -8.41
EAST___DELAWARE_HYD 23607	20.82 0.82 -8.22	18.60 0.70 -7.63	17.30 0.50 -9.39	17.20 0.47 -9.64	17.47 0.57 -7.94	19.51 0.72 -6.80	27.66 0.94 -10.44	34.32 1.29 -13.72	32.11 1.23 -13.63	28.22 1.47 -6.36	28.01 1.44 -7.31	27.87 1.42 -7.58	27.80 1.37 -8.37	28.74 1.34 -9.74	29.55 1.23 -12.29	31.07 1.11 -15.39	36.93 1.24 -19.36	52.69 1.39 -32.55	50.40 1.80 -22.94	39.45 1.47 -17.25	31.43 1.33 -12.58	28.66 1.33 -10.30	24.46 0.75 -12.34	22.37 0.94 -7.33
EIGHT_POINT___WT_PWR 323820	15.04 0.31 -2.96	13.28 0.27 -2.75	11.00 0.20 -3.38	10.76 0.21 -3.47	12.06 0.25 -2.86	14.81 0.37 -2.45	20.62 0.59 -3.76	24.82 0.58 -4.94	22.65 0.48 -4.91	23.28 0.59 -2.29	22.39 0.50 -2.63	22.13 0.53 -2.73	21.54 0.47 -3.02	21.64 0.48 -3.51	20.85 0.40 -4.43	20.59 0.47 -5.55	23.93 0.62 -6.97	31.14 0.56 -11.82	34.90 0.90 -8.33	27.74 0.81 -6.21	22.69 0.65 -4.53	21.30 0.56 -3.71	16.22 0.41 -4.44	17.24 0.51 -2.64
ELBRIDGE_115KV_TB2 80188	14.16 0.21 -2.17	12.48 0.20 -2.01	10.03 0.14 -2.48	9.76 0.13 -2.54	11.22 0.17 -2.10	14.01 0.23 -1.79	19.42 0.39 -2.75	23.37 0.44 -3.62	21.25 0.40 -3.59	22.54 0.47 -1.68	21.60 0.42 -1.93	21.27 0.40 -2.00	20.66 0.40 -2.21	20.61 0.39 -2.57	19.62 0.35 -3.24	18.99 0.35 -4.06	21.88 0.44 -5.10	27.85 0.43 -8.67	32.42 0.64 -6.11	25.80 0.52 -4.55	21.26 0.42 -3.32	20.14 0.39 -2.72	14.90 0.27 -3.26	16.37 0.34 -1.93
ELEC_TRO_TEK 24086	31.12 0.98 -18.36	24.04 0.84 -12.92	20.33 0.61 -12.30	21.23 0.58 -13.57	23.20 0.71 -13.54	27.88 0.94 -14.95	30.93 1.33 -13.32	36.67 1.62 -15.75	34.40 1.50 -15.63	31.71 1.96 -9.36	29.54 1.91 -8.39	29.45 1.89 -8.69	29.43 1.77 -9.60	30.51 1.68 -11.18	31.65 1.52 -14.11	33.61 1.37 -17.66	40.01 1.47 -22.21	58.17 1.71 -37.71	54.61 2.36 -26.58	42.43 1.91 -19.79	33.52 1.56 -14.44	34.86 1.57 -16.26	33.36 0.97 -21.02	28.81 1.20 -13.51
ELLENBURG_WT_PWR 323604	1.17 -0.61 9.99	1.91 -0.54 7.82	2.33 -0.38 4.71	1.02 -0.40 5.67	0.96 -0.50 7.49	0.62 -0.70 10.68	3.12 -0.99 12.16	4.39 -1.33 13.58	3.22 -1.29 12.75	4.67 -1.51 14.21	9.26 -1.17 8.81	8.97 -1.25 8.66	8.67 -1.10 8.29	8.37 -1.17 8.12	10.67 -1.01 4.34	10.70 -0.98 2.90	15.24 -1.09 0.00	17.72 -1.03 0.00	24.13 -1.54 0.00	14.45 -1.31 4.97	8.33 -1.19 8.00	4.71 -1.16 11.17	5.43 -0.77 5.16	6.66 -0.99 6.45
ELM_ST_23_KV_LD_REV_LBMP_A 345012	14.35 0.01 -2.55	12.63 -0.01 -2.37	10.34 0.01 -2.92	10.11 0.03 -2.99	11.43 0.01 -2.47	14.14 0.04 -2.11	19.57 0.05 -3.24	23.39 -0.17 -4.26	21.34 -0.16 -4.23	22.18 -0.18 -1.97	21.29 -0.23 -2.27	21.11 -0.11 -2.35	20.48 -0.18 -2.60	20.58 -0.11 -3.03	19.75 -0.10 -3.82	19.33 -0.03 -4.78	22.30 -0.05 -6.01	28.74 -0.23 -10.21	32.66 -0.21 -7.20	25.98 -0.10 -5.36	21.39 -0.04 -3.91	20.20 -0.03 -3.20	15.31 0.10 -3.84	16.57 0.20 -2.28
EMPIRE_CC_1 323656	23.45 0.55 -11.12	21.09 0.49 -10.32	20.48 0.36 -12.70	20.47 0.35 -13.04	20.14 0.44 -10.75	21.78 0.59 -9.20	31.19 0.80 -14.12	38.85 0.98 -18.57	36.56 0.86 -18.43	29.97 0.98 -8.60	30.05 0.91 -9.89	30.01 0.89 -10.25	30.23 0.85 -11.32	31.67 0.83 -13.18	33.41 0.75 -16.63	36.07 0.67 -20.82	43.30 0.78 -26.19	64.10 0.88 -44.46	58.23 1.23 -31.33	45.08 1.02 -23.34	35.38 0.84 -17.02	31.78 0.82 -13.93	28.60 0.52 -16.70	24.67 0.66 -9.91

EMPIRE_CC_2 323658	23.45 0.55 -11.12	21.09 0.49 -10.32	20.48 0.36 -12.70	20.47 0.35 -13.04	20.14 0.44 -10.75	21.78 0.59 -9.20	31.19 0.80 -14.12	38.85 0.98 -18.57	36.56 0.86 -18.43	29.97 0.98 -8.60	30.05 0.91 -9.89	30.01 0.89 -10.25	30.23 0.85 -11.32	31.67 0.83 -13.18	33.41 0.75 -16.63	36.07 0.67 -20.82	43.30 0.78 -26.19	64.10 0.88 -44.46	58.23 1.23 -31.33	45.08 1.02 -23.34	35.38 0.84 -17.02	31.78 0.82 -13.93	28.60 0.52 -16.70	24.67 0.66 -9.91
ENORWICH_115KV_TB1 80156	16.34 0.78 -3.79	14.51 0.73 -3.51	12.25 0.51 -4.32	11.99 0.47 -4.44	13.27 0.66 -3.66	16.06 0.94 -3.13	22.55 1.46 -4.81	27.53 1.91 -6.32	25.16 1.62 -6.27	25.18 1.86 -2.93	24.18 1.56 -3.37	23.81 1.45 -3.49	23.27 1.35 -3.85	23.52 1.38 -4.49	22.95 1.27 -5.66	22.90 1.24 -7.09	26.73 1.49 -8.91	35.65 1.76 -15.13	38.82 2.49 -10.67	30.64 1.97 -7.94	24.96 1.65 -5.79	23.29 1.52 -4.74	18.03 0.98 -5.68	18.61 1.14 -3.37
ERIE_ST__34_KV_TB1-2 80199	14.29 -0.08 -2.59	12.59 -0.09 -2.41	10.32 -0.06 -2.96	10.09 -0.04 -3.04	11.39 -0.07 -2.51	14.08 -0.06 -2.15	19.50 -0.07 -3.29	23.42 -0.21 -4.33	21.35 -0.21 -4.30	22.15 -0.24 -2.01	21.29 -0.27 -2.31	21.11 -0.15 -2.39	20.47 -0.23 -2.64	20.59 -0.14 -3.07	19.76 -0.14 -3.88	19.36 -0.07 -4.86	22.38 -0.07 -6.11	28.90 -0.23 -10.37	32.77 -0.21 -7.31	26.07 -0.10 -5.44	21.44 -0.05 -3.97	20.20 -0.09 -3.25	15.31 0.05 -3.90	16.52 0.11 -2.31
ERIE_WT_PWR 323693	14.39 0.04 -2.58	12.68 0.01 -2.40	10.38 0.01 -2.95	10.15 0.04 -3.03	11.46 0.02 -2.49	14.19 0.06 -2.13	19.63 0.08 -3.27	23.49 -0.12 -4.31	21.44 -0.10 -4.28	22.27 -0.12 -2.00	21.40 -0.15 -2.30	21.20 -0.06 -2.38	20.57 -0.13 -2.63	20.67 -0.05 -3.06	19.84 -0.05 -3.87	19.43 0.01 -4.84	22.44 0.02 -6.09	28.94 -0.13 -10.31	32.86 -0.08 -7.27	26.14 0.00 -5.41	21.49 0.02 -3.95	20.30 0.03 -3.23	15.38 0.14 -3.87	16.64 0.24 -2.30
ESPRGFLD_115KV_TB1 80157	11.34 0.52 0.95	9.86 0.47 0.89	6.65 0.33 1.09	6.27 0.30 1.12	8.44 0.41 0.92	11.78 0.58 0.79	15.96 0.90 1.21	18.91 1.20 1.59	16.73 1.05 1.58	20.88 1.22 0.74	19.48 1.08 0.85	19.03 1.04 0.88	18.06 0.98 0.97	17.44 0.92 1.13	15.43 0.83 1.43	13.59 0.80 1.79	15.02 0.93 2.25	16.10 1.16 3.82	24.62 1.64 2.69	20.01 1.29 2.00	17.11 1.05 1.46	16.84 1.00 1.20	10.55 0.61 1.43	13.95 0.70 0.85
ETNA_115_KV_TB1_REV_LBMP_C 345029	15.33 0.44 -3.11	13.55 0.39 -2.89	11.25 0.28 -3.55	10.99 0.26 -3.65	12.30 0.34 -3.01	15.03 0.47 -2.57	20.97 0.75 -3.95	25.40 0.91 -5.19	23.19 0.78 -5.15	23.72 0.92 -2.40	22.83 0.81 -2.77	22.51 0.77 -2.87	21.95 0.72 -3.17	22.07 0.72 -3.69	21.33 0.66 -4.65	21.06 0.66 -5.82	24.47 0.82 -7.32	32.07 0.88 -12.43	35.71 1.28 -8.76	28.29 1.04 -6.53	23.14 0.86 -4.76	21.73 0.80 -3.90	16.56 0.52 -4.67	17.50 0.63 -2.77
ETNA_____115KV_TB2 80207	15.33 0.44 -3.11	13.55 0.39 -2.89	11.25 0.28 -3.55	10.99 0.26 -3.65	12.30 0.34 -3.01	15.03 0.47 -2.57	20.97 0.75 -3.95	25.40 0.91 -5.19	23.19 0.78 -5.15	23.72 0.92 -2.40	22.83 0.81 -2.77	22.51 0.77 -2.87	21.95 0.72 -3.17	22.07 0.72 -3.69	21.33 0.66 -4.65	21.06 0.66 -5.82	24.47 0.82 -7.32	32.07 0.88 -12.43	35.71 1.28 -8.76	28.29 1.04 -6.53	23.14 0.86 -4.76	21.73 0.80 -3.90	16.56 0.52 -4.67	17.50 0.63 -2.77
EUCLID___115KV_TB2 356179	13.68 0.04 -1.87	12.04 0.03 -1.73	9.57 0.02 -2.14	9.30 0.02 -2.19	10.79 0.03 -1.81	13.59 0.05 -1.55	18.76 0.11 -2.37	22.52 0.10 -3.12	20.45 0.09 -3.10	21.94 0.10 -1.44	21.01 0.10 -1.66	20.69 0.09 -1.72	20.05 0.09 -1.90	19.96 0.09 -2.22	18.90 0.08 -2.80	18.18 0.10 -3.50	20.87 0.13 -4.40	26.32 0.09 -7.47	31.09 0.15 -5.27	24.77 0.12 -3.92	20.50 0.12 -2.86	19.48 0.10 -2.34	14.27 0.09 -2.81	15.88 0.11 -1.67
E_CANADA_CAP_HY 24051	27.18 0.54 -14.86	24.54 0.48 -13.79	24.72 0.33 -16.97	24.82 0.32 -17.42	23.74 0.43 -14.36	24.91 0.62 -12.29	36.10 0.96 -18.86	45.37 1.27 -24.80	42.97 1.09 -24.62	33.10 1.22 -11.48	33.54 1.08 -13.21	33.56 1.00 -13.69	34.14 0.96 -15.12	36.13 0.86 -17.61	39.03 0.78 -22.22	43.14 0.76 -27.81	52.23 0.91 -34.98	79.34 1.20 -59.39	69.22 1.69 -41.85	53.23 1.33 -31.17	41.31 1.05 -22.74	36.66 1.02 -18.61	34.29 0.61 -22.31	28.04 0.70 -13.24
E_CANADA_MHWK_HY 24050	12.90 0.32 -0.80	11.21 0.28 -0.66	8.14 0.20 -0.53	7.86 0.19 -0.59	9.86 0.26 -0.65	13.17 0.37 -0.80	17.83 0.54 -1.02	21.17 0.68 -1.19	18.97 0.60 -1.10	22.10 0.71 -0.99	20.61 0.65 -0.70	20.22 0.64 -0.70	19.38 0.61 -0.70	18.93 0.55 -0.73	17.08 0.48 -0.58	15.59 0.44 -0.57	17.35 0.51 -0.51	20.09 0.45 -0.89	26.88 0.59 -0.63	21.95 0.46 -0.77	18.83 0.49 -0.82	18.50 0.51 -0.95	12.35 0.33 -0.65	15.08 0.39 -0.59
E_FISHKILL___LBMP 23776	22.08 0.73 -9.57	19.78 0.63 -8.89	18.81 0.46 -10.93	18.74 0.43 -11.22	18.73 0.53 -9.25	20.61 0.70 -7.92	29.39 0.96 -12.15	36.54 1.25 -15.98	34.28 1.16 -15.86	29.24 1.45 -7.40	29.17 1.41 -8.51	29.11 1.42 -8.82	29.14 1.34 -9.74	30.29 1.29 -11.34	31.52 1.19 -14.31	33.55 1.05 -17.92	40.01 1.14 -22.54	58.33 1.31 -38.27	54.41 1.77 -26.97	42.24 1.43 -20.09	33.34 1.17 -14.65	30.20 1.18 -11.99	26.45 0.70 -14.37	23.50 0.87 -8.53
FALCON___SEABRD_CC1 323796	1.27 -0.54 9.97	1.98 -0.49 7.80	2.38 -0.34 4.69	1.07 -0.36 5.65	1.02 -0.46 7.48	0.71 -0.64 10.65	3.25 -0.90 12.13	4.40 -1.35 13.55	3.24 -1.31 12.71	4.68 -1.53 14.18	9.40 -1.06 8.79	9.10 -1.13 8.64	8.80 -0.99 8.27	8.50 -1.06 8.10	10.78 -0.91 4.33	10.78 -0.90 2.90	15.32 -1.01 0.00	17.83 -0.92 0.00	24.28 -1.39 0.00	14.61 -1.16 4.96	8.46 -1.09 7.98	4.82 -1.07 11.14	5.49 -0.73 5.15	6.73 -0.93 6.43
FALCON___SEABRD_CC2 323797	1.27 -0.54 9.97	1.98 -0.49 7.80	2.38 -0.34 4.69	1.07 -0.36 5.65	1.02 -0.46 7.48	0.71 -0.64 10.65	3.25 -0.90 12.13	4.40 -1.35 13.55	3.24 -1.31 12.71	4.68 -1.53 14.18	9.40 -1.06 8.79	9.10 -1.13 8.64	8.80 -0.99 8.27	8.50 -1.06 8.10	10.78 -0.91 4.33	10.78 -0.90 2.90	15.32 -1.01 0.00	17.83 -0.92 0.00	24.28 -1.39 0.00	14.61 -1.16 4.96	8.46 -1.09 7.98	4.82 -1.07 11.14	5.49 -0.73 5.15	6.73 -0.93 6.43
FAR ROCKAWAY___4 23548	31.25 1.11 -18.36	24.14 0.94 -12.92	20.41 0.69 -12.30	21.31 0.66 -13.57	23.30 0.81 -13.54	28.01 1.07 -14.95	31.11 1.51 -13.32	36.92 1.87 -15.75	34.62 1.73 -15.63	31.97 2.22 -9.36	29.79 2.16 -8.39	29.72 2.15 -8.69	29.69 2.02 -9.60	30.76 1.92 -11.18	31.88 1.75 -14.11	33.82 1.59 -17.66	40.26 1.72 -22.21	58.44 1.97 -37.71	54.99 2.75 -26.58	42.74 2.22 -19.79	33.78 1.82 -14.44	35.09 1.81 -16.26	33.50 1.10 -21.02	28.96 1.35 -13.51
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.12 0.91 -9.44	19.79 0.76 -8.76	18.75 0.56 -10.78	18.67 0.52 -11.06	18.71 0.64 -9.12	20.64 0.84 -7.81	29.44 1.19 -11.98	36.58 1.52 -15.75	34.37 1.47 -15.64	29.58 1.90 -7.29	29.51 1.87 -8.39	29.44 1.87 -8.70	29.43 1.77 -9.60	30.55 1.71 -11.18	31.69 1.55 -14.11	33.63 1.38 -17.66	40.00 1.45 -22.21	58.18 1.71 -37.72	54.54 2.28 -26.59	42.35 1.82 -19.80	33.42 1.45 -14.44	30.33 1.48 -11.82	26.44 0.90 -14.17	23.62 1.11 -8.41

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.12 0.91 -9.44	19.79 0.76 -8.76	18.75 0.56 -10.78	18.67 0.52 -11.06	18.71 0.64 -9.12	20.64 0.84 -7.81	29.44 1.19 -11.98	36.58 1.52 -15.75	34.37 1.47 -15.64	29.58 1.90 -7.29	29.51 1.87 -8.39	29.44 1.87 -8.70	29.43 1.77 -9.60	30.55 1.71 -11.18	31.69 1.55 -14.11	33.63 1.38 -17.66	40.00 1.45 -22.21	58.18 1.71 -37.72	54.54 2.28 -26.59	42.35 1.82 -19.80	33.42 1.45 -14.44	30.33 1.48 -11.82	26.44 0.90 -14.17	23.63 1.13 -8.41
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.11 0.90 -9.44	19.79 0.76 -8.76	18.75 0.56 -10.78	18.67 0.52 -11.06	18.70 0.63 -9.12	20.64 0.84 -7.81	29.43 1.17 -11.98	36.58 1.52 -15.75	34.35 1.45 -15.64	29.56 1.88 -7.29	29.49 1.85 -8.39	29.44 1.87 -8.70	29.43 1.77 -9.60	30.53 1.70 -11.18	31.69 1.55 -14.11	33.61 1.37 -17.66	39.99 1.44 -22.21	58.16 1.69 -37.72	54.51 2.26 -26.59	42.33 1.80 -19.80	33.40 1.44 -14.44	30.32 1.46 -11.82	26.43 0.89 -14.17	23.62 1.11 -8.41
FARRAGUT___LBMP 323566	22.11 0.90 -9.44	19.78 0.75 -8.76	18.74 0.55 -10.78	18.66 0.52 -11.06	18.70 0.63 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.56 1.51 -15.75	34.33 1.43 -15.64	29.54 1.86 -7.29	29.47 1.83 -8.39	29.42 1.85 -8.70	29.42 1.75 -9.60	30.52 1.68 -11.18	31.67 1.54 -14.11	33.61 1.37 -17.66	39.97 1.42 -22.21	58.15 1.67 -37.72	54.49 2.23 -26.59	42.31 1.78 -19.80	33.38 1.42 -14.44	30.30 1.45 -11.82	26.43 0.89 -14.17	23.61 1.10 -8.41
FENNER___WINDPWR 24204	13.90 0.31 -1.82	12.24 0.28 -1.69	9.69 0.20 -2.08	9.40 0.18 -2.13	10.96 0.25 -1.76	13.84 0.35 -1.50	19.14 0.55 -2.31	23.03 0.69 -3.04	20.87 0.60 -3.01	22.49 0.69 -1.40	21.46 0.60 -1.61	21.11 0.57 -1.67	20.43 0.52 -1.85	20.34 0.53 -2.15	19.22 0.48 -2.71	18.44 0.47 -3.40	21.18 0.57 -4.27	26.62 0.60 -7.27	31.67 0.87 -5.12	25.25 0.71 -3.82	20.91 0.61 -2.78	19.89 0.58 -2.28	14.48 0.37 -2.73	16.14 0.42 -1.62
FIBERTEK___ENERGY 23856	14.06 0.21 -2.07	12.39 0.20 -1.92	9.92 0.14 -2.37	9.65 0.13 -2.43	11.12 0.17 -2.00	13.93 0.23 -1.71	19.29 0.39 -2.63	23.20 0.44 -3.46	21.09 0.40 -3.43	22.46 0.47 -1.60	21.52 0.42 -1.84	21.20 0.42 -1.91	20.57 0.40 -2.11	20.50 0.39 -2.45	19.47 0.35 -3.10	18.80 0.35 -3.88	21.65 0.44 -4.87	27.44 0.41 -8.28	32.09 0.59 -5.83	25.57 0.50 -4.34	21.11 0.42 -3.17	20.02 0.39 -2.59	14.75 0.27 -3.11	16.28 0.34 -1.85
FITZPATRICK____ 23598	12.95 -0.19 -1.36	11.37 -0.16 -1.26	8.85 -0.12 -1.55	8.56 -0.11 -1.59	10.12 -0.14 -1.31	12.92 -0.19 -1.12	17.77 -0.23 -1.72	21.26 -0.31 -2.26	19.24 -0.28 -2.26	21.10 -0.35 -1.05	20.13 -0.33 -1.21	19.81 -0.32 -1.25	19.14 -0.31 -1.39	18.97 -0.30 -1.61	17.79 -0.27 -2.03	16.89 -0.23 -2.55	19.29 -0.24 -3.20	23.86 -0.32 -5.42	29.08 -0.41 -3.82	23.24 -0.33 -2.85	19.31 -0.28 -2.08	18.46 -0.27 -1.70	13.26 -0.15 -2.04	15.12 -0.18 -1.21
FLOWRFLD_69_KV_BK1 356044	31.33 1.19 -18.36	24.21 1.02 -12.92	20.46 0.74 -12.30	21.35 0.70 -13.57	23.36 0.86 -13.54	28.10 1.15 -14.95	31.24 1.64 -13.32	37.05 1.85 -15.89	36.91 1.73 -17.92	34.11 2.32 -11.39	34.35 2.19 -12.91	34.36 2.19 -13.30	33.58 2.04 -13.48	34.16 1.89 -14.62	33.96 1.71 -16.22	36.68 1.55 -20.56	43.33 1.65 -25.35	58.56 2.04 -37.76	98.53 2.85 -70.01	57.98 2.28 -34.97	48.23 1.80 -28.90	35.29 1.86 -16.40	33.62 1.17 -21.07	29.15 1.49 -13.56
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.95 0.82 -9.35	19.66 0.71 -8.68	18.60 0.50 -10.68	18.53 0.48 -10.96	18.57 0.58 -9.03	20.47 0.74 -7.73	29.14 0.99 -11.87	36.22 1.31 -15.61	33.98 1.23 -15.49	29.11 1.49 -7.23	29.03 1.46 -8.31	28.94 1.45 -8.62	28.99 1.41 -9.52	30.11 1.38 -11.08	31.25 1.25 -13.98	33.20 1.12 -17.50	39.57 1.23 -22.01	57.57 1.44 -37.38	53.91 1.90 -26.34	41.88 1.53 -19.62	33.14 1.31 -14.31	30.04 1.29 -11.71	26.16 0.75 -14.04	23.37 0.94 -8.33
FORT ORANGE____ 23900	23.71 0.41 -11.52	21.32 0.36 -10.69	20.82 0.25 -13.16	20.83 0.24 -13.50	20.40 0.31 -11.13	21.96 0.44 -9.53	31.37 0.47 -14.62	39.03 0.50 -19.22	36.80 0.45 -19.09	29.79 0.49 -8.90	29.91 0.42 -10.24	29.88 0.40 -10.62	30.18 0.40 -11.72	31.73 0.42 -13.65	33.62 0.37 -17.22	36.44 0.31 -21.56	43.83 0.38 -27.12	64.80 0.45 -45.59	58.41 0.62 -32.13	45.39 0.50 -24.17	35.58 0.44 -17.63	31.89 0.43 -14.43	29.04 0.37 -17.29	24.84 0.48 -10.26
FORT_DRUM_COGEN 23780	10.84 -0.07 0.87	9.71 -0.03 0.53	7.67 -0.04 -0.29	7.17 -0.05 -0.14	8.51 -0.02 0.43	10.79 -0.02 1.18	15.38 0.10 1.00	18.67 0.21 0.85	17.06 0.12 0.33	18.97 0.06 1.49	18.64 -0.12 0.49	18.29 -0.15 0.44	17.62 -0.16 0.27	17.46 -0.12 0.07	16.75 -0.13 -0.86	15.96 -0.10 -1.48	18.76 -0.03 -2.45	22.92 0.00 -4.17	28.71 0.10 -2.94	22.05 0.08 -1.24	17.68 0.09 -0.07	16.26 0.05 0.82	12.00 0.05 -0.58	13.80 0.00 0.30
FPL_FAR_ROCK_GT1 24212	31.25 1.11 -18.36	24.14 0.94 -12.92	20.41 0.69 -12.30	21.31 0.66 -13.57	23.30 0.81 -13.54	28.01 1.07 -14.95	31.12 1.51 -13.33	36.92 1.87 -15.75	34.64 1.74 -15.64	31.98 2.22 -9.36	29.80 2.16 -8.39	29.72 2.15 -8.70	29.69 2.02 -9.60	30.76 1.92 -11.18	31.88 1.75 -14.11	33.83 1.59 -17.66	40.26 1.71 -22.21	58.45 1.99 -37.71	54.99 2.75 -26.58	42.74 2.22 -19.79	33.78 1.82 -14.44	35.09 1.80 -16.26	33.50 1.10 -21.02	28.96 1.35 -13.51
FPL_FAR_ROCK_GT2 23815	31.25 1.11 -18.36	24.14 0.94 -12.92	20.41 0.69 -12.30	21.31 0.66 -13.57	23.30 0.81 -13.54	28.01 1.07 -14.95	31.12 1.51 -13.33	36.92 1.87 -15.75	34.64 1.74 -15.64	31.98 2.22 -9.36	29.80 2.16 -8.39	29.72 2.15 -8.70	29.69 2.02 -9.60	30.76 1.92 -11.18	31.88 1.75 -14.11	33.83 1.59 -17.66	40.26 1.71 -22.21	58.45 1.99 -37.71	54.99 2.75 -26.58	42.74 2.22 -19.79	33.78 1.82 -14.44	35.09 1.80 -16.26	33.50 1.10 -21.02	28.96 1.35 -13.51
FRANKLIN_FALL_HYD 24054	1.94 -0.57 9.27	2.52 -0.49 7.25	2.69 -0.36 4.37	1.46 -0.36 5.26	1.54 -0.46 6.95	1.43 -0.66 9.91	4.06 -0.93 11.29	5.48 -1.22 12.60	4.22 -1.19 11.85	5.77 -1.41 13.22	9.92 -1.14 8.20	9.63 -1.19 8.05	9.25 -1.10 7.70	8.96 -1.15 7.55	10.97 -1.01 4.04	10.90 -0.98 2.70	15.24 -1.09 0.00	17.70 -1.05 0.00	24.13 -1.54 0.00	14.85 -1.26 4.61	9.00 -1.10 7.42	5.58 -1.09 10.36	5.88 -0.70 4.79	7.23 -0.89 5.98
FREEPORT_EQUS_GT1 23764	31.21 1.07 -18.36	24.11 0.91 -12.92	20.39 0.67 -12.30	21.29 0.64 -13.57	23.28 0.78 -13.54	27.98 1.03 -14.95	31.07 1.47 -13.33	36.81 1.76 -15.75	34.52 1.62 -15.64	31.87 2.12 -9.36	29.68 2.04 -8.39	29.59 2.02 -8.70	29.56 1.90 -9.60	30.64 1.80 -11.18	31.77 1.64 -14.11	33.73 1.49 -17.66	40.08 1.53 -22.21	58.29 1.82 -37.71	54.76 2.52 -26.58	42.56 2.03 -19.79	33.66 1.70 -14.44	35.01 1.72 -16.26	33.46 1.07 -21.02	28.92 1.31 -13.51
FREEPORT___CT2 23818	31.21 1.07 -18.36	24.11 0.91 -12.92	20.39 0.67 -12.30	21.29 0.64 -13.57	23.28 0.78 -13.54	27.98 1.03 -14.95	31.07 1.47 -13.33	36.81 1.76 -15.75	34.52 1.62 -15.64	31.87 2.12 -9.36	29.68 2.04 -8.39	29.59 2.02 -8.70	29.56 1.90 -9.60	30.64 1.80 -11.18	31.77 1.64 -14.11	33.73 1.49 -17.66	40.08 1.53 -22.21	58.29 1.82 -37.71	54.76 2.52 -26.58	42.56 2.03 -19.79	33.66 1.70 -14.44	35.01 1.72 -16.26	33.46 1.07 -21.02	28.92 1.31 -13.51

FRESHKLS_33_KV_LOAD 356253	22.26 1.05 -9.44	19.89 0.86 -8.76	18.83 0.64 -10.78	18.74 0.59 -11.06	18.78 0.71 -9.12	20.65 0.85 -7.81	29.36 1.11 -11.98	36.37 1.31 -15.75	34.21 1.31 -15.64	29.36 1.67 -7.29	29.34 1.69 -8.39	29.31 1.74 -8.70	29.33 1.66 -9.60	30.48 1.64 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.81 1.26 -22.21	58.09 1.61 -37.72	54.36 2.10 -26.59	42.21 1.68 -19.80	33.29 1.33 -14.44	30.20 1.35 -11.82	26.48 0.94 -14.17	23.75 1.24 -8.41
FULTON COGEN____ 23766	13.43 -0.02 -1.68	11.82 -0.01 -1.56	9.32 -0.01 -1.92	9.04 -0.01 -1.97	10.56 -0.02 -1.62	13.37 -0.01 -1.39	18.45 0.05 -2.13	22.12 0.02 -2.80	20.04 0.00 -2.78	21.69 0.00 -1.30	20.74 0.00 -1.49	20.40 -0.02 -1.55	19.77 0.00 -1.71	19.64 0.00 -1.99	18.52 -0.02 -2.51	17.75 0.03 -3.14	20.35 0.07 -3.95	25.44 -0.02 -6.71	30.42 0.03 -4.73	24.27 0.02 -3.52	20.14 0.05 -2.57	19.19 0.05 -2.10	13.94 0.05 -2.52	15.65 0.06 -1.50
FULTON____LFGE 323630	26.65 0.88 -13.98	24.04 0.79 -12.98	23.92 0.53 -15.97	24.00 0.52 -16.40	23.16 0.69 -13.51	24.56 0.99 -11.57	35.52 1.50 -17.75	44.61 1.97 -23.34	42.16 1.73 -23.18	33.14 1.94 -10.81	33.42 1.73 -12.43	33.36 1.60 -12.89	33.85 1.55 -14.23	35.76 1.54 -16.57	38.36 1.43 -20.91	42.14 1.39 -26.18	50.89 1.63 -32.92	76.38 1.72 -55.90	67.45 2.39 -39.40	51.94 1.87 -29.34	40.66 1.73 -21.40	36.10 1.55 -17.52	33.32 0.96 -21.00	27.66 1.10 -12.46
G.F.CEMENT____DRP 24184	24.47 0.68 -12.01	22.02 0.60 -11.15	21.60 0.47 -13.72	21.62 0.45 -14.08	21.20 0.64 -11.61	22.85 0.92 -9.94	32.83 1.30 -15.25	40.99 1.64 -20.05	38.60 1.43 -19.91	31.31 1.63 -9.28	31.43 1.50 -10.68	31.36 1.42 -11.07	31.62 1.34 -12.23	33.23 1.34 -14.23	35.20 1.22 -17.96	38.18 1.12 -22.48	45.79 1.18 -28.28	68.10 1.33 -48.02	61.36 1.85 -33.84	47.38 1.45 -25.20	37.11 1.21 -18.38	33.15 1.07 -15.05	30.08 0.67 -18.04	25.61 0.80 -10.71
GARDENVILLE____LBMP 24039	14.37 0.01 -2.58	12.66 -0.01 -2.40	10.37 0.00 -2.95	10.14 0.03 -3.03	11.45 0.00 -2.49	14.16 0.04 -2.14	19.60 0.05 -3.28	23.46 -0.15 -4.31	21.40 -0.14 -4.28	22.21 -0.18 -2.00	21.34 -0.21 -2.30	21.16 -0.09 -2.38	20.53 -0.16 -2.63	20.63 -0.09 -3.06	19.79 -0.10 -3.86	19.38 -0.03 -4.83	22.38 -0.03 -6.08	28.89 -0.19 -10.32	32.79 -0.15 -7.27	26.08 -0.06 -5.42	21.45 -0.02 -3.95	20.25 -0.02 -3.23	15.35 0.10 -3.88	16.60 0.20 -2.30
GARDNVLA_35_KV_LD 355827	14.41 0.05 -2.58	12.69 0.02 -2.39	10.39 0.02 -2.95	10.16 0.05 -3.03	11.47 0.03 -2.49	14.20 0.07 -2.13	19.66 0.11 -3.27	23.53 0.07 -4.31	21.47 -0.07 -4.28	22.29 -0.10 -1.99	21.41 -0.13 -2.29	21.23 -0.02 -2.38	20.60 -0.09 -2.63	20.70 -0.02 -3.06	19.87 -0.02 -3.86	19.45 0.04 -4.83	22.44 0.03 -6.07	28.95 -0.11 -10.31	32.91 -0.03 -7.27	26.18 0.04 -5.41	21.54 0.07 -3.95	20.32 0.05 -3.23	15.40 0.16 -3.87	16.65 0.25 -2.30
GELCKHM__115KV_LOAD 80723	13.82 0.09 -1.94	12.16 0.08 -1.80	9.70 0.06 -2.22	9.42 0.06 -2.28	10.90 0.07 -1.88	13.71 0.11 -1.61	18.95 0.21 -2.47	22.76 0.21 -3.24	20.67 0.19 -3.22	22.12 0.22 -1.50	21.19 0.21 -1.73	20.85 0.19 -1.79	20.24 0.20 -1.98	20.15 0.19 -2.30	19.09 0.16 -2.91	18.40 0.19 -3.64	21.14 0.23 -4.57	26.73 0.21 -7.77	31.48 0.33 -5.47	25.07 0.27 -4.08	20.72 0.23 -2.97	19.67 0.20 -2.43	14.44 0.15 -2.92	16.03 0.20 -1.73
GENERAL____MILLS 23808	14.38 0.02 -2.58	12.67 0.00 -2.40	10.38 0.01 -2.95	10.14 0.04 -3.03	11.46 0.02 -2.49	14.17 0.05 -2.13	19.63 0.08 -3.27	23.49 -0.12 -4.31	21.44 -0.10 -4.28	22.25 -0.14 -1.99	21.37 -0.17 -2.29	21.19 -0.06 -2.38	20.56 -0.13 -2.63	20.66 -0.05 -3.06	19.82 -0.06 -3.86	19.42 0.01 -4.83	22.41 0.00 -6.07	28.92 -0.15 -10.31	32.84 -0.10 -7.27	26.12 -0.02 -5.41	21.50 0.04 -3.95	20.28 0.02 -3.23	15.37 0.13 -3.87	16.62 0.23 -2.30
GE_PLASTICS____DRP 24183	23.71 0.41 -11.52	21.32 0.36 -10.69	20.83 0.26 -13.16	20.84 0.25 -13.51	20.40 0.31 -11.13	21.95 0.43 -9.53	31.47 0.57 -14.62	39.07 0.54 -19.23	36.82 0.47 -19.09	29.83 0.53 -8.90	29.97 0.48 -10.24	29.96 0.47 -10.62	30.24 0.45 -11.72	31.77 0.46 -13.65	33.66 0.42 -17.22	36.49 0.35 -21.56	43.86 0.41 -27.12	56.87 0.45 -37.66	52.84 0.62 -26.56	45.44 0.54 -24.17	35.60 0.46 -17.63	31.90 0.44 -14.43	29.05 0.39 -17.30	24.86 0.49 -10.27
GILBOA____1 23756	21.60 0.46 -9.37	19.36 0.40 -8.69	18.40 0.29 -10.70	18.34 0.28 -10.98	18.34 0.34 -9.05	20.20 0.46 -7.75	28.80 0.63 -11.89	35.73 0.79 -15.63	33.51 0.72 -15.52	28.51 0.88 -7.24	28.41 0.83 -8.33	28.34 0.83 -8.63	28.39 0.79 -9.53	29.53 0.78 -11.10	30.74 0.70 -14.01	32.71 0.60 -17.53	39.06 0.67 -22.05	56.89 0.69 -37.44	53.01 0.95 -26.39	41.17 0.79 -19.65	32.59 0.74 -14.34	29.48 0.72 -11.73	25.89 0.46 -14.06	23.01 0.56 -8.35
GILBOA____2 23757	21.60 0.46 -9.37	19.36 0.40 -8.69	18.40 0.29 -10.70	18.34 0.28 -10.98	18.34 0.34 -9.05	20.20 0.46 -7.75	28.80 0.63 -11.89	35.73 0.79 -15.63	33.51 0.72 -15.52	28.51 0.88 -7.24	28.41 0.83 -8.33	28.34 0.83 -8.63	28.39 0.79 -9.53	29.53 0.78 -11.10	30.74 0.70 -14.01	32.71 0.60 -17.53	39.06 0.67 -22.05	56.89 0.69 -37.44	53.01 0.95 -26.39	41.17 0.79 -19.65	32.59 0.74 -14.34	29.48 0.72 -11.73	25.89 0.46 -14.06	23.01 0.56 -8.35
GILBOA____3 23758	21.60 0.46 -9.37	19.36 0.40 -8.69	18.40 0.29 -10.70	18.34 0.28 -10.98	18.34 0.34 -9.05	20.20 0.46 -7.75	28.80 0.63 -11.89	35.73 0.79 -15.63	33.51 0.72 -15.52	28.51 0.88 -7.24	28.41 0.83 -8.33	28.34 0.83 -8.63	28.39 0.79 -9.53	29.53 0.78 -11.10	30.74 0.70 -14.01	32.71 0.60 -17.53	39.06 0.67 -22.05	56.89 0.69 -37.44	53.01 0.95 -26.39	41.17 0.79 -19.65	32.59 0.74 -14.34	29.48 0.72 -11.73	25.89 0.46 -14.06	23.01 0.56 -8.35
GILBOA____4 23759	21.60 0.46 -9.37	19.36 0.40 -8.69	18.40 0.29 -10.70	18.34 0.28 -10.98	18.34 0.34 -9.05	20.20 0.46 -7.75	28.80 0.63 -11.89	35.73 0.79 -15.63	33.51 0.72 -15.52	28.51 0.88 -7.24	28.41 0.83 -8.33	28.34 0.83 -8.63	28.39 0.79 -9.53	29.53 0.78 -11.10	30.74 0.70 -14.01	32.71 0.60 -17.53	39.06 0.67 -22.05	56.89 0.69 -37.44	53.01 0.95 -26.39	41.17 0.79 -19.65	32.59 0.74 -14.34	29.48 0.72 -11.73	25.89 0.46 -14.06	23.01 0.56 -8.35
GILBOA____ 23599	21.60 0.46 -9.37	19.37 0.40 -8.69	18.40 0.29 -10.70	18.34 0.28 -10.98	18.34 0.34 -9.05	20.20 0.46 -7.75	28.80 0.63 -11.89	35.73 0.79 -15.63	33.51 0.73 -15.52	28.51 0.88 -7.24	28.41 0.83 -8.33	28.33 0.83 -8.63	28.39 0.79 -9.53	29.53 0.78 -11.10	30.73 0.71 -14.01	32.71 0.60 -17.53	39.05 0.67 -22.05	56.89 0.69 -37.44	53.00 0.95 -26.39	41.17 0.79 -19.65	32.59 0.74 -14.34	29.48 0.72 -11.73	25.89 0.45 -14.06	23.01 0.56 -8.35
GINNA____ 23603	13.60 -0.38 -2.19	11.97 -0.34 -2.04	9.68 -0.24 -2.51	9.43 -0.23 -2.57	10.80 -0.28 -2.12	13.45 -0.36 -1.82	18.61 -0.46 -2.79	22.35 -0.62 -3.66	20.46 -0.45 -3.65	21.50 -0.59 -1.70	20.57 -0.63 -1.96	20.28 -0.62 -2.03	19.70 -0.60 -2.24	19.70 -0.57 -2.61	18.82 -0.50 -3.29	18.29 -0.41 -4.12	21.04 -0.47 -5.18	26.92 -0.60 -8.77	31.13 -0.72 -6.18	24.77 -0.56 -4.60	20.39 -0.49 -3.36	19.27 -0.51 -2.75	14.37 -0.30 -3.29	15.71 -0.34 -1.96

GLEN PARK____ 23778	11.01 -0.04 0.73	9.87 0.01 0.41	7.79 -0.01 -0.38	7.30 -0.03 -0.24	8.66 0.02 0.31	10.99 0.04 1.04	15.63 0.18 0.82	18.96 0.31 0.65	17.60 0.22 -0.11	19.38 0.16 1.17	19.00 -0.02 0.23	18.63 -0.08 0.17	17.97 -0.09 0.00	17.83 -0.05 -0.23	17.12 -0.06 -1.16	16.38 -0.03 -1.83	19.22 0.05 -2.84	23.17 0.09 -4.33	29.00 0.28 -3.05	22.31 0.21 -1.37	17.92 0.19 -0.21	16.52 0.15 0.66	12.18 0.11 -0.69	13.97 0.07 0.20
GLENDALE_27_KV_LOAD 356172	22.15 0.93 -9.44	19.80 0.77 -8.76	18.77 0.57 -10.78	18.69 0.54 -11.06	18.72 0.64 -9.12	20.60 0.80 -7.81	29.39 1.14 -11.98	36.54 1.49 -15.75	34.37 1.47 -15.64	29.54 1.86 -7.29	29.51 1.87 -8.39	29.46 1.89 -8.70	29.47 1.81 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.97 1.42 -22.21	58.20 1.73 -37.72	54.54 2.28 -26.59	42.33 1.80 -19.80	33.40 1.44 -14.44	30.32 1.46 -11.82	26.44 0.90 -14.17	23.63 1.13 -8.41
GLENWOOD_IC_1_G5 23712	31.19 1.05 -18.36	24.09 0.89 -12.92	20.37 0.65 -12.30	21.27 0.62 -13.57	23.25 0.75 -13.54	27.95 1.01 -14.95	31.03 1.43 -13.32	36.81 1.76 -15.75	34.54 1.64 -15.63	31.85 2.10 -9.36	29.70 2.06 -8.39	29.60 2.04 -8.69	29.58 1.91 -9.60	30.65 1.82 -11.18	31.78 1.65 -14.11	33.72 1.49 -17.66	40.14 1.60 -22.21	58.32 1.86 -37.71	54.84 2.59 -26.58	42.60 2.07 -19.79	33.66 1.70 -14.44	34.99 1.70 -16.26	33.44 1.05 -21.02	28.89 1.28 -13.51
GLENWOOD_IC_2_G1 23688	31.16 1.01 -18.36	24.06 0.86 -12.92	20.35 0.63 -12.30	21.25 0.60 -13.57	23.23 0.73 -13.54	27.92 0.97 -14.95	30.99 1.38 -13.33	36.73 1.68 -15.75	34.47 1.57 -15.64	31.79 2.04 -9.36	29.62 1.98 -8.39	29.55 1.98 -8.70	29.51 1.84 -9.60	30.59 1.75 -11.18	31.72 1.59 -14.11	33.67 1.43 -17.66	40.08 1.53 -22.21	58.27 1.80 -37.71	54.73 2.49 -26.58	42.53 2.01 -19.79	33.59 1.63 -14.44	34.92 1.64 -16.26	33.41 1.01 -21.02	28.85 1.24 -13.51
GLENWOOD_IC_3_G1 23689	31.16 1.01 -18.36	24.06 0.86 -12.92	20.35 0.63 -12.30	21.25 0.60 -13.57	23.23 0.73 -13.54	27.92 0.97 -14.95	30.99 1.38 -13.33	36.73 1.68 -15.75	34.47 1.57 -15.64	31.79 2.04 -9.36	29.62 1.98 -8.39	29.55 1.98 -8.70	29.51 1.84 -9.60	30.59 1.75 -11.18	31.72 1.59 -14.11	33.67 1.43 -17.66	40.08 1.53 -22.21	58.27 1.80 -37.71	54.73 2.49 -26.58	42.53 2.01 -19.79	33.59 1.63 -14.44	34.92 1.64 -16.26	33.41 1.01 -21.02	28.85 1.24 -13.51
GLENWOOD____4 23550	31.19 1.05 -18.36	24.09 0.89 -12.92	20.37 0.65 -12.30	21.27 0.62 -13.57	23.25 0.75 -13.54	27.95 1.01 -14.95	31.03 1.43 -13.32	36.81 1.76 -15.75	34.54 1.64 -15.63	31.85 2.10 -9.36	29.70 2.06 -8.39	29.60 2.04 -8.69	29.58 1.91 -9.60	30.65 1.82 -11.18	31.78 1.65 -14.11	33.72 1.49 -17.66	40.14 1.60 -22.21	58.32 1.86 -37.71	54.84 2.59 -26.58	42.60 2.07 -19.79	33.66 1.70 -14.44	34.99 1.70 -16.26	33.44 1.05 -21.02	28.89 1.28 -13.51
GLENWOOD____5 23614	31.19 1.05 -18.36	24.09 0.89 -12.92	20.37 0.65 -12.30	21.27 0.62 -13.57	23.25 0.75 -13.54	27.95 1.01 -14.95	31.03 1.43 -13.32	36.81 1.76 -15.75	34.54 1.64 -15.63	31.85 2.10 -9.36	29.70 2.06 -8.39	29.60 2.04 -8.69	29.58 1.91 -9.60	30.65 1.82 -11.18	31.78 1.65 -14.11	33.72 1.49 -17.66	40.14 1.60 -22.21	58.32 1.86 -37.71	54.84 2.59 -26.58	42.60 2.07 -19.79	33.66 1.70 -14.44	34.99 1.70 -16.26	33.44 1.05 -21.02	28.89 1.28 -13.51
GLOBAL GREEN_PORT_GT1 23814	31.69 1.54 -18.36	24.51 1.32 -12.92	20.68 0.96 -12.30	21.57 0.92 -13.57	23.63 1.14 -13.54	28.46 1.51 -14.95	31.82 2.21 -13.33	37.79 2.62 -15.87	37.22 2.40 -17.56	34.51 3.06 -11.06	34.39 2.96 -12.18	34.35 2.93 -12.56	33.64 2.73 -12.85	34.32 2.60 -14.06	34.24 2.34 -15.88	36.83 2.16 -20.09	43.58 2.40 -24.84	59.30 2.79 -37.76	92.49 3.85 -62.97	56.35 3.11 -32.51	46.67 2.59 -26.56	35.98 2.57 -16.38	34.04 1.60 -21.07	29.64 1.99 -13.56
GLOBE____DSASP 323697	14.05 -0.20 -2.47	12.36 -0.21 -2.29	10.11 -0.13 -2.82	9.89 -0.09 -2.90	11.19 -0.15 -2.39	13.85 -0.19 -2.05	19.10 -0.28 -3.10	22.73 -0.69 -4.13	20.77 -0.59 -4.10	21.59 -0.71 -1.91	20.74 -0.71 -2.20	20.57 -0.59 -2.28	19.96 -0.61 -2.52	20.04 -0.55 -2.93	19.19 -0.53 -3.70	18.80 -0.41 -4.63	21.62 -0.52 -5.81	27.83 -0.77 -9.85	31.66 -0.98 -6.96	25.20 -0.70 -5.18	20.78 -0.53 -3.78	19.67 -0.46 -3.10	14.92 -0.16 -3.71	16.22 -0.08 -2.20
GOETHSLN____LBMP 323567	22.04 0.82 -9.44	19.73 0.70 -8.76	18.71 0.51 -10.78	18.63 0.48 -11.06	18.64 0.57 -9.12	20.57 0.77 -7.81	29.33 1.07 -11.98	36.44 1.39 -15.75	34.23 1.33 -15.64	29.46 1.77 -7.29	29.39 1.75 -8.39	29.32 1.76 -8.70	29.33 1.66 -9.60	30.43 1.59 -11.18	31.58 1.44 -14.11	33.52 1.28 -17.66	39.87 1.32 -22.21	58.03 1.56 -37.72	54.33 2.08 -26.59	42.19 1.66 -19.80	33.27 1.31 -14.44	30.23 1.38 -11.82	26.37 0.83 -14.17	23.54 1.03 -8.41
GOLAH____69_KV_TB 1_2 80279	14.29 0.27 -2.24	12.56 0.22 -2.08	10.14 0.16 -2.56	9.88 0.17 -2.62	11.32 0.21 -2.16	14.14 0.30 -1.85	19.52 0.41 -2.84	23.33 0.29 -3.74	21.30 0.33 -3.71	22.45 0.33 -1.73	21.47 0.23 -1.99	21.20 0.26 -2.06	20.57 0.23 -2.28	20.56 0.25 -2.65	19.59 0.22 -3.35	18.99 0.22 -4.19	21.80 0.20 -5.27	27.87 0.17 -8.95	32.36 0.39 -6.31	25.82 0.39 -4.70	21.28 0.33 -3.43	20.16 0.32 -2.80	15.02 0.28 -3.36	16.53 0.44 -1.99
GOODYEAR_LAKE_HYD 323669	15.32 0.53 -3.01	13.54 0.47 -2.80	11.19 0.33 -3.44	10.93 0.31 -3.53	12.28 0.41 -2.91	15.05 0.56 -2.49	20.94 0.85 -3.82	25.45 1.12 -5.03	23.25 1.00 -4.99	23.92 1.20 -2.33	23.01 1.08 -2.68	22.70 1.06 -2.78	22.10 0.98 -3.07	22.18 0.95 -3.57	21.39 0.87 -4.50	21.02 0.80 -5.64	24.35 0.93 -7.09	31.88 1.09 -12.04	35.64 1.49 -8.48	28.25 1.20 -6.32	23.14 1.02 -4.61	21.78 0.97 -3.77	16.50 0.60 -4.52	17.50 0.72 -2.68
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.06 0.32 -3.96	14.24 0.29 -3.68	12.15 0.21 -4.53	11.93 0.20 -4.65	13.02 0.24 -3.83	15.61 0.34 -3.28	21.83 0.52 -5.03	26.52 0.60 -6.62	24.37 0.54 -6.57	24.11 0.65 -3.06	23.35 0.58 -3.52	23.11 0.59 -3.65	22.64 0.54 -4.03	22.90 0.55 -4.70	22.45 0.50 -5.93	22.48 0.48 -7.42	26.24 0.57 -9.33	35.18 0.58 -15.84	37.68 0.85 -11.17	29.75 0.70 -8.32	24.18 0.60 -6.07	22.56 0.56 -4.96	17.71 0.39 -5.95	18.11 0.48 -3.53
GOUDEY____7 23579	16.07 0.33 -3.96	14.24 0.29 -3.68	12.15 0.21 -4.53	11.94 0.21 -4.65	13.03 0.25 -3.83	15.62 0.35 -3.28	21.84 0.54 -5.03	26.54 0.62 -6.62	24.38 0.55 -6.57	24.13 0.67 -3.06	23.39 0.62 -3.52	23.13 0.60 -3.65	22.65 0.56 -4.03	22.92 0.57 -4.70	22.46 0.51 -5.93	22.49 0.50 -7.42	26.25 0.59 -9.33	35.20 0.60 -15.84	37.71 0.87 -11.17	29.77 0.73 -8.32	24.20 0.61 -6.07	22.58 0.58 -4.96	17.72 0.40 -5.95	18.12 0.49 -3.53
GOUDEY____8 23580	16.06 0.32 -3.96	14.24 0.29 -3.68	12.15 0.21 -4.53	11.93 0.20 -4.65	13.02 0.24 -3.83	15.61 0.34 -3.28	21.83 0.52 -5.03	26.52 0.60 -6.62	24.37 0.54 -6.57	24.11 0.65 -3.06	23.35 0.58 -3.52	23.11 0.59 -3.65	22.64 0.54 -4.03	22.90 0.55 -4.70	22.45 0.50 -5.93	22.48 0.48 -7.42	26.24 0.57 -9.33	35.18 0.58 -15.84	37.68 0.85 -11.17	29.75 0.70 -8.32	24.18 0.60 -6.07	22.56 0.56 -4.96	17.71 0.39 -5.95	18.11 0.48 -3.53

GOWANUS_GT1_1 24077	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT1_2 24078	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT1_3 24079	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT1_4 24080	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT1_5 24084	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT1_6 24111	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT1_7 24112	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT1_8 24113	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT2_1 24114	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT2_2 24115	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT2_3 24116	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT2_4 24117	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT2_5 24118	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT2_6 24119	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT2_7 24120	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41

GOWANUS_GT2_8 24121	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT3_1 24122	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT3_2 24123	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT3_3 24124	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT3_4 24125	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT3_5 24126	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT3_6 24127	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT3_7 24128	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT3_8 24129	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT4_1 24130	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT4_2 24131	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT4_3 24132	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT4_4 24133	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT4_5 24134	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT4_6 24135	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41

GOWANUS_GT4_7 24136	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GOWANUS_GT4_8 24137	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GREENBSH_115KV_TB3 55895	23.72 0.37 -11.58	21.35 0.33 -10.75	20.87 0.23 -13.22	20.88 0.22 -13.57	20.43 0.29 -11.19	21.98 0.41 -9.58	31.51 0.54 -14.70	39.25 0.62 -19.33	36.97 0.52 -19.19	29.93 0.59 -8.95	30.06 0.52 -10.29	30.05 0.51 -10.67	30.35 0.51 -11.78	31.87 0.49 -13.72	33.78 0.45 -17.31	36.64 0.39 -21.67	44.05 0.46 -27.26	65.54 0.51 -46.28	59.00 0.72 -32.62	45.60 0.58 -24.29	35.75 0.51 -17.72	32.01 0.48 -14.50	29.10 0.34 -17.39	24.85 0.44 -10.32
GREENDGE_115KV_TB5 80291	15.01 0.34 -2.89	13.27 0.31 -2.69	10.94 0.22 -3.31	10.70 0.22 -3.39	12.03 0.28 -2.80	14.78 0.40 -2.39	20.62 0.67 -3.67	24.89 0.75 -4.83	22.71 0.66 -4.80	23.41 0.77 -2.24	22.50 0.67 -2.57	22.18 0.64 -2.67	21.62 0.61 -2.95	21.70 0.62 -3.43	20.90 0.54 -4.33	20.56 0.57 -5.42	23.88 0.74 -6.81	31.03 0.71 -11.57	34.92 1.10 -8.15	27.71 0.91 -6.07	22.70 0.75 -4.43	21.32 0.66 -3.63	16.17 0.45 -4.35	17.25 0.58 -2.58
GREENIDGE___3 23582	15.01 0.34 -2.89	13.27 0.31 -2.69	10.94 0.22 -3.31	10.70 0.22 -3.39	12.03 0.28 -2.80	14.78 0.40 -2.39	20.62 0.67 -3.67	24.89 0.75 -4.83	22.71 0.66 -4.80	23.41 0.77 -2.24	22.50 0.67 -2.57	22.18 0.64 -2.67	21.62 0.61 -2.95	21.70 0.62 -3.43	20.90 0.54 -4.33	20.56 0.57 -5.42	23.88 0.74 -6.81	31.03 0.71 -11.57	34.92 1.10 -8.15	27.71 0.91 -6.07	22.70 0.75 -4.43	21.32 0.66 -3.63	16.17 0.45 -4.35	17.25 0.58 -2.58
GREENIDGE___4 23583	15.01 0.34 -2.89	13.27 0.31 -2.69	10.94 0.22 -3.31	10.70 0.22 -3.39	12.03 0.28 -2.80	14.78 0.40 -2.39	20.62 0.67 -3.67	24.88 0.75 -4.83	22.72 0.66 -4.80	23.39 0.76 -2.24	22.50 0.67 -2.58	22.19 0.64 -2.67	21.63 0.61 -2.95	21.71 0.62 -3.44	20.90 0.55 -4.33	20.57 0.57 -5.43	23.89 0.74 -6.82	31.03 0.71 -11.57	34.92 1.10 -8.15	27.71 0.91 -6.07	22.68 0.74 -4.43	21.32 0.66 -3.63	16.17 0.46 -4.35	17.25 0.58 -2.58
GREENLWN_69_KV_BK 3 55738	31.24 1.10 -18.36	24.12 0.92 -12.92	20.40 0.67 -12.30	21.29 0.64 -13.57	23.29 0.79 -13.54	27.99 1.04 -14.95	31.03 1.43 -13.32	36.69 1.66 -15.73	34.26 1.61 -15.39	31.74 2.20 -9.14	29.23 2.08 -7.90	29.15 2.08 -8.20	29.16 1.91 -9.19	30.25 1.78 -10.81	31.52 1.62 -13.88	33.37 1.44 -17.35	39.76 1.55 -21.87	58.09 1.63 -37.71	50.12 2.52 -21.93	40.93 2.03 -18.17	32.09 1.68 -12.89	34.99 1.72 -16.24	33.47 1.08 -21.02	28.96 1.35 -13.51
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
GRISSOM___SOLAR 323813	26.65 0.88 -13.98	24.04 0.79 -12.98	23.92 0.53 -15.97	24.00 0.52 -16.40	23.16 0.69 -13.51	24.56 0.99 -11.57	35.52 1.50 -17.75	44.61 1.97 -23.34	42.16 1.73 -23.18	33.14 1.94 -10.81	33.42 1.73 -12.43	33.36 1.60 -12.89	33.85 1.55 -14.23	35.76 1.54 -16.57	38.36 1.43 -20.91	42.14 1.39 -26.18	50.89 1.63 -32.92	76.38 1.72 -55.90	67.45 2.39 -39.40	51.94 1.87 -29.34	40.66 1.73 -21.40	36.10 1.55 -17.52	33.32 0.96 -21.00	27.66 1.10 -12.46
GROVEVILLE___HYD 323602	21.95 0.82 -9.35	19.66 0.71 -8.68	18.60 0.50 -10.68	18.53 0.48 -10.96	18.57 0.58 -9.03	20.47 0.74 -7.73	29.14 0.99 -11.87	36.22 1.31 -15.61	33.98 1.23 -15.49	29.11 1.49 -7.23	29.03 1.46 -8.31	28.94 1.45 -8.62	28.99 1.41 -9.52	30.11 1.38 -11.08	31.25 1.25 -13.98	33.20 1.12 -17.50	39.57 1.23 -22.01	57.57 1.44 -37.38	53.91 1.90 -26.34	41.88 1.53 -19.62	33.14 1.31 -14.31	30.04 1.29 -11.71	26.16 0.75 -14.04	23.37 0.94 -8.33
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	14.06 0.21 -2.07	12.39 0.20 -1.92	9.92 0.14 -2.37	9.65 0.13 -2.43	11.12 0.17 -2.00	13.93 0.23 -1.71	19.29 0.39 -2.63	23.20 0.44 -3.46	21.09 0.40 -3.43	22.46 0.47 -1.60	21.52 0.42 -1.84	21.20 0.42 -1.91	20.57 0.40 -2.11	20.50 0.39 -2.45	19.47 0.35 -3.10	18.80 0.35 -3.88	21.65 0.44 -4.87	27.44 0.41 -8.28	32.09 0.59 -5.83	25.57 0.50 -4.34	21.11 0.42 -3.17	20.02 0.39 -2.59	14.75 0.27 -3.11	16.28 0.31 -1.85
HAMLTNNY_34_KV_TB 80303	14.22 0.27 -2.17	12.53 0.25 -2.01	10.07 0.18 -2.48	9.80 0.17 -2.54	11.27 0.21 -2.10	14.08 0.29 -1.80	19.52 0.49 -2.76	23.49 0.56 -3.62	21.36 0.50 -3.60	22.66 0.59 -1.68	21.72 0.54 -1.93	21.40 0.53 -2.00	20.78 0.51 -2.21	20.72 0.49 -2.57	19.72 0.45 -3.25	19.09 0.45 -4.06	22.00 0.56 -5.11	27.99 0.56 -8.68	32.60 0.82 -6.11	25.95 0.66 -4.55	21.37 0.53 -3.32	20.25 0.49 -2.72	14.97 0.34 -3.26	16.45 0.42 -1.93
HAMPSHIRE___PAPER_HYD 323593	6.84 -0.33 4.61	6.48 -0.27 3.53	5.40 -0.20 1.81	4.59 -0.21 2.29	5.36 -0.25 3.34	6.53 -0.41 5.05	10.18 -0.52 5.57	12.67 -0.54 6.09	10.69 -0.66 5.92	12.44 -0.84 7.11	14.21 -0.83 4.22	13.90 -0.85 4.12	13.35 -0.83 3.88	13.14 -0.81 3.71	13.71 -0.74 1.57	13.27 -0.67 0.63	16.72 -0.73 -1.12	20.15 -0.73 -2.13	26.19 -0.98 -1.50	18.48 -0.81 1.44	13.60 -0.63 3.29	11.37 -0.60 5.07	9.19 -0.33 1.85	10.85 -0.41 2.84
HARDSCRABBLE_WT_PWR 323673	12.83 0.25 -0.80	11.15 0.22 -0.66	8.10 0.16 -0.53	7.82 0.15 -0.59	9.81 0.21 -0.65	13.10 0.30 -0.80	17.73 0.44 -1.02	21.06 0.56 -1.19	18.88 0.52 -1.10	22.00 0.61 -0.99	20.52 0.56 -0.70	20.14 0.57 -0.70	19.29 0.52 -0.70	18.86 0.48 -0.73	17.00 0.40 -0.58	15.53 0.38 -0.57	17.27 0.42 -0.51	20.02 0.37 -0.89	26.78 0.49 -0.63	21.85 0.35 -0.77	18.73 0.38 -0.82	18.39 0.41 -0.95	12.28 0.26 -0.65	14.99 0.31 -0.59
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.00 0.74 -8.48	18.77 0.63 -7.87	17.56 0.46 -9.69	17.46 0.44 -9.94	17.68 0.53 -8.19	19.68 0.67 -7.02	27.95 0.91 -10.77	34.65 1.20 -14.15	32.44 1.12 -14.05	28.34 1.39 -6.55	28.16 1.37 -7.54	28.07 1.38 -7.82	28.01 1.32 -8.63	28.98 1.27 -10.05	29.87 1.17 -12.68	31.50 1.05 -15.87	37.44 1.14 -19.96	53.95 1.29 -33.90	51.25 1.69 -23.89	39.91 1.39 -17.79	31.71 1.21 -12.98	28.85 1.19 -10.62	24.81 0.70 -12.73	22.53 0.87 -7.56

HARSNRAD_115KV_TB1 81005	14.26 0.06 -2.43	12.54 0.02 -2.25	10.22 0.03 -2.77	9.99 0.06 -2.85	11.33 0.04 -2.34	14.06 0.06 -2.01	19.37 0.02 -3.08	23.10 -0.25 -4.05	21.08 -0.21 -4.02	22.02 -0.24 -1.88	21.10 -0.31 -2.16	20.92 -0.19 -2.24	20.28 -0.25 -2.47	20.36 -0.18 -2.88	19.49 -0.16 -3.63	19.00 -0.12 -4.54	21.87 -0.18 -5.71	28.09 -0.36 -9.70	32.12 -0.39 -6.84	25.57 -0.25 -5.09	21.11 -0.12 -3.71	19.95 -0.12 -3.04	15.07 0.06 -3.64	16.43 0.17 -2.16
HARZA MOOSE__RIVER 24016	11.48 0.09 0.39	10.16 0.10 0.21	7.72 0.07 -0.24	7.29 0.05 -0.16	8.89 0.10 0.16	11.55 0.13 0.57	16.11 0.26 0.42	19.37 0.39 0.32	17.15 0.26 0.37	19.58 0.27 1.08	18.99 0.15 0.42	18.63 0.13 0.38	17.89 0.11 0.28	17.64 0.14 0.15	16.59 0.11 -0.46	15.55 0.12 -0.85	17.97 0.16 -1.47	21.46 0.21 -2.50	27.76 0.33 -1.76	21.79 0.25 -0.81	17.94 0.26 -0.16	16.92 0.22 0.34	11.94 0.15 -0.42	14.15 0.14 0.09
HDSNBRDG_115KV_BRDG_TB1 355580	13.84 0.11 -1.95	12.18 0.10 -1.81	9.71 0.07 -2.23	9.44 0.07 -2.29	10.92 0.08 -1.88	13.73 0.12 -1.61	18.98 0.23 -2.48	22.79 0.23 -3.26	20.70 0.21 -3.23	22.17 0.27 -1.51	21.22 0.23 -1.73	20.90 0.23 -1.80	20.26 0.22 -1.99	20.20 0.23 -2.31	19.13 0.19 -2.92	18.43 0.20 -3.65	21.19 0.26 -4.59	26.78 0.23 -7.80	31.52 0.36 -5.50	25.11 0.29 -4.09	20.75 0.25 -2.99	19.70 0.22 -2.44	14.46 0.16 -2.93	16.05 0.21 -1.74
HELLGATE_13_KV_LD 55870	22.10 0.88 -9.44	19.76 0.73 -8.76	18.74 0.55 -10.78	18.66 0.51 -11.06	18.68 0.61 -9.12	20.55 0.76 -7.81	29.31 1.06 -11.98	36.42 1.37 -15.75	34.26 1.36 -15.64	29.44 1.75 -7.29	29.39 1.75 -8.39	29.34 1.77 -8.70	29.36 1.70 -9.60	30.50 1.66 -11.18	31.66 1.52 -14.11	33.58 1.34 -17.66	39.87 1.32 -22.21	58.09 1.61 -37.72	54.38 2.13 -26.59	42.21 1.68 -19.80	33.29 1.33 -14.44	30.22 1.36 -11.82	26.37 0.83 -14.17	23.56 1.06 -8.41
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.10 0.88 -9.44	19.76 0.73 -8.76	18.74 0.55 -10.78	18.66 0.51 -11.06	18.68 0.61 -9.12	20.55 0.76 -7.81	29.31 1.06 -11.98	36.42 1.37 -15.75	34.26 1.36 -15.64	29.44 1.75 -7.29	29.39 1.75 -8.39	29.34 1.77 -8.70	29.36 1.70 -9.60	30.50 1.66 -11.18	31.66 1.52 -14.11	33.58 1.34 -17.66	39.87 1.32 -22.21	58.09 1.61 -37.72	54.38 2.13 -26.59	42.21 1.68 -19.80	33.29 1.33 -14.44	30.22 1.36 -11.82	26.37 0.83 -14.17	23.56 1.06 -8.41
HEMPSTEAD____ 23647	31.14 1.00 -18.36	24.05 0.85 -12.92	20.34 0.62 -12.30	21.24 0.59 -13.57	23.21 0.72 -13.54	27.90 0.96 -14.95	30.95 1.35 -13.33	36.69 1.64 -15.75	34.43 1.54 -15.64	31.75 2.00 -9.36	29.58 1.94 -8.39	29.49 1.93 -8.70	29.47 1.81 -9.60	30.53 1.70 -11.18	31.67 1.54 -14.11	33.64 1.40 -17.66	40.03 1.49 -22.21	58.23 1.76 -37.71	54.69 2.44 -26.58	42.47 1.95 -19.79	33.55 1.59 -14.44	34.89 1.60 -16.26	33.38 0.99 -21.02	28.84 1.23 -13.51
HEWLETT__69_KV_BK3 55828	31.20 1.06 -18.36	24.10 0.90 -12.92	20.38 0.66 -12.30	21.28 0.63 -13.57	23.27 0.77 -13.54	27.95 1.01 -14.95	31.03 1.43 -13.32	36.81 1.76 -15.75	34.54 1.64 -15.63	31.87 2.12 -9.36	29.70 2.06 -8.39	29.62 2.06 -8.69	29.58 1.91 -9.60	30.67 1.84 -11.18	31.78 1.65 -14.11	33.74 1.50 -17.66	40.16 1.62 -22.21	58.32 1.86 -37.71	54.84 2.59 -26.58	42.62 2.09 -19.79	33.67 1.72 -14.44	35.01 1.72 -16.26	33.44 1.05 -21.02	28.89 1.28 -13.51
HICKLING__1 23621	15.51 0.35 -3.38	13.72 0.31 -3.14	11.50 0.22 -3.86	11.27 0.23 -3.96	12.49 0.27 -3.27	15.17 0.38 -2.80	21.20 0.63 -4.29	25.62 0.68 -5.64	23.45 0.59 -5.60	23.72 0.71 -2.61	22.89 0.64 -3.00	22.63 0.64 -3.11	22.10 0.60 -3.44	22.26 0.60 -4.00	21.61 0.53 -5.05	21.44 0.54 -6.33	24.99 0.70 -7.96	32.99 0.73 -13.51	36.27 1.08 -9.52	28.73 0.91 -7.09	23.39 0.70 -5.17	21.91 0.65 -4.23	16.90 0.45 -5.07	17.69 0.58 -3.01
HICKLING__2 23622	15.51 0.35 -3.38	13.72 0.31 -3.14	11.50 0.22 -3.86	11.27 0.23 -3.96	12.49 0.27 -3.27	15.17 0.38 -2.80	21.20 0.63 -4.29	25.62 0.68 -5.64	23.45 0.59 -5.60	23.72 0.71 -2.61	22.89 0.64 -3.00	22.63 0.64 -3.11	22.10 0.60 -3.44	22.26 0.60 -4.00	21.61 0.53 -5.05	21.44 0.54 -6.33	24.99 0.70 -7.96	32.99 0.73 -13.51	36.27 1.08 -9.52	28.73 0.91 -7.09	23.39 0.70 -5.17	21.91 0.65 -4.23	16.90 0.45 -5.07	17.69 0.58 -3.01
HIGH FALLS__HY 23754	21.80 0.82 -9.20	19.51 0.70 -8.54	18.42 0.50 -10.51	18.35 0.47 -10.79	18.42 0.57 -8.89	20.31 0.71 -7.61	28.88 0.93 -11.68	35.97 1.31 -15.36	33.75 1.24 -15.25	29.02 1.51 -7.11	28.93 1.50 -8.18	28.84 1.49 -8.48	28.87 1.44 -9.37	29.96 1.39 -10.90	31.06 1.28 -13.76	32.95 1.15 -17.22	39.27 1.27 -21.66	56.37 1.43 -36.19	53.05 1.87 -25.50	41.55 1.51 -19.31	32.97 1.37 -14.08	29.92 1.36 -11.53	25.94 0.75 -13.82	23.24 0.94 -8.20
HILLBURN__GT 23639	21.09 0.73 -8.58	18.86 0.63 -7.96	17.68 0.46 -9.80	17.58 0.44 -10.06	17.77 0.53 -8.29	19.77 0.68 -7.10	28.11 0.94 -10.89	34.86 1.24 -14.32	32.66 1.17 -14.22	28.47 1.45 -6.63	28.30 1.42 -7.63	28.21 1.43 -7.91	28.15 1.36 -8.73	29.15 1.32 -10.17	30.06 1.20 -12.83	31.72 1.08 -16.06	37.71 1.18 -20.20	54.34 1.29 -34.29	51.56 1.72 -24.17	40.12 1.39 -18.00	31.86 1.21 -13.13	28.97 1.19 -10.75	24.96 0.71 -12.88	22.62 0.87 -7.65
HILLSIDE_115KV_TB1 80332	15.45 0.21 -3.46	13.67 0.18 -3.21	11.50 0.13 -3.95	11.28 0.14 -4.06	12.46 0.16 -3.34	15.09 0.24 -2.86	21.07 0.41 -4.39	25.50 0.42 -5.77	23.36 0.36 -5.73	23.52 0.45 -2.67	22.71 0.39 -3.08	22.46 0.40 -3.19	21.94 0.36 -3.52	22.13 0.37 -4.10	21.53 0.34 -5.17	21.40 0.35 -6.47	24.92 0.44 -8.14	32.99 0.41 -13.83	36.05 0.64 -9.75	28.53 0.54 -7.26	23.27 0.46 -5.29	21.77 0.41 -4.33	16.87 0.31 -5.19	17.57 0.39 -3.08
HISHELDN_WT_PWR 323625	14.51 0.02 -2.71	12.80 0.01 -2.51	10.53 0.01 -3.09	10.30 0.04 -3.18	11.59 0.02 -2.62	14.28 0.05 -2.24	19.80 0.08 -3.44	23.73 -0.10 -4.52	21.67 -0.09 -4.50	22.39 -0.10 -2.10	21.53 -0.13 -2.41	21.32 -0.06 -2.50	20.72 -0.11 -2.76	20.82 -0.05 -3.22	20.02 -0.06 -4.06	19.67 0.01 -5.08	22.76 0.03 -6.39	29.49 -0.09 -10.83	33.27 -0.03 -7.63	26.47 0.06 -5.68	21.72 0.05 -4.15	20.48 0.05 -3.39	15.56 0.13 -4.07	16.72 0.21 -2.41
HOLTSVILLE_IC_1 23690	31.27 1.13 -18.36	24.17 0.98 -12.92	20.43 0.71 -12.30	21.32 0.67 -13.57	23.32 0.82 -13.54	28.05 1.10 -14.95	31.18 1.58 -13.33	36.93 1.76 -15.87	36.43 1.61 -17.56	33.64 2.18 -11.07	33.48 2.04 -12.19	33.48 2.04 -12.57	32.82 1.90 -12.87	33.48 1.75 -14.08	33.51 1.60 -15.89	36.12 1.44 -20.10	42.72 1.53 -24.86	58.40 1.89 -37.76	91.33 2.54 -63.13	55.35 2.05 -32.56	45.79 1.67 -26.61	35.16 1.75 -16.38	33.54 1.10 -21.07	29.08 1.42 -13.56
HOLTSVILLE_IC_10 23699	31.35 1.20 -18.36	24.22 1.03 -12.92	20.47 0.75 -12.30	21.36 0.71 -13.57	23.37 0.87 -13.54	28.11 1.16 -14.95	31.28 1.68 -13.33	37.04 1.87 -15.86	36.46 1.71 -17.49	33.68 2.28 -11.00	33.45 2.16 -12.04	33.44 2.15 -12.42	32.80 2.00 -12.74	33.47 1.85 -13.96	33.52 1.68 -15.82	36.10 1.52 -20.00	42.72 1.63 -24.75	58.55 2.04 -37.75	90.09 2.75 -61.67	54.98 2.20 -32.06	45.41 1.77 -26.13	35.25 1.84 -16.37	33.61 1.17 -21.06	29.14 1.49 -13.55

HOLTSVILLE_IC_2 23691	31.27 1.13 -18.36	24.17 0.98 -12.92	20.43 0.71 -12.30	21.32 0.67 -13.57	23.32 0.82 -13.54	28.05 1.10 -14.95	31.18 1.58 -13.33	36.93 1.76 -15.87	36.43 1.61 -17.56	33.64 2.18 -11.07	33.48 2.04 -12.19	33.48 2.04 -12.57	32.82 1.90 -12.87	33.48 1.75 -14.08	33.51 1.60 -15.89	36.12 1.44 -20.10	42.72 1.53 -24.86	58.40 1.89 -37.76	91.33 2.54 -63.13	55.35 2.05 -32.56	45.79 1.67 -26.61	35.16 1.75 -16.38	33.54 1.10 -21.07	29.08 1.42 -13.56
HOLTSVILLE_IC_3 23692	31.27 1.13 -18.36	24.17 0.98 -12.92	20.43 0.71 -12.30	21.32 0.67 -13.57	23.32 0.82 -13.54	28.05 1.10 -14.95	31.18 1.58 -13.33	36.93 1.76 -15.87	36.43 1.61 -17.56	33.64 2.18 -11.07	33.48 2.04 -12.19	33.48 2.04 -12.57	32.82 1.90 -12.87	33.48 1.75 -14.08	33.51 1.60 -15.89	36.12 1.44 -20.10	42.72 1.53 -24.86	58.40 1.89 -37.76	91.33 2.54 -63.13	55.35 2.05 -32.56	45.79 1.67 -26.61	35.16 1.75 -16.38	33.54 1.10 -21.07	29.08 1.42 -13.56
HOLTSVILLE_IC_4 23693	31.27 1.13 -18.36	24.17 0.98 -12.92	20.43 0.71 -12.30	21.32 0.67 -13.57	23.32 0.82 -13.54	28.05 1.10 -14.95	31.18 1.58 -13.33	36.93 1.76 -15.87	36.43 1.61 -17.56	33.64 2.18 -11.07	33.48 2.04 -12.19	33.48 2.04 -12.57	32.82 1.90 -12.87	33.48 1.75 -14.08	33.51 1.60 -15.89	36.12 1.44 -20.10	42.72 1.53 -24.86	58.40 1.89 -37.76	91.33 2.54 -63.13	55.35 2.05 -32.56	45.79 1.67 -26.61	35.16 1.75 -16.38	33.54 1.10 -21.07	29.08 1.42 -13.56
HOLTSVILLE_IC_5 23694	31.27 1.13 -18.36	24.17 0.98 -12.92	20.43 0.71 -12.30	21.32 0.67 -13.57	23.32 0.82 -13.54	28.05 1.10 -14.95	31.18 1.58 -13.33	36.93 1.76 -15.87	36.43 1.61 -17.56	33.64 2.18 -11.07	33.48 2.04 -12.19	33.48 2.04 -12.57	32.82 1.90 -12.87	33.48 1.75 -14.08	33.51 1.60 -15.89	36.12 1.44 -20.10	42.72 1.53 -24.86	58.40 1.89 -37.76	91.33 2.54 -63.13	55.35 2.05 -32.56	45.79 1.67 -26.61	35.16 1.75 -16.38	33.54 1.10 -21.07	29.08 1.42 -13.56
HOLTSVILLE_IC_6 23695	31.35 1.20 -18.36	24.22 1.03 -12.92	20.47 0.75 -12.30	21.36 0.71 -13.57	23.37 0.87 -13.54	28.11 1.16 -14.95	31.28 1.68 -13.33	37.04 1.87 -15.86	36.46 1.71 -17.49	33.68 2.28 -11.00	33.45 2.16 -12.04	33.44 2.15 -12.42	32.80 2.00 -12.74	33.47 1.85 -13.96	33.52 1.68 -15.82	36.10 1.52 -20.00	42.72 1.63 -24.75	58.55 2.04 -37.75	90.09 2.75 -61.67	54.98 2.20 -32.06	45.41 1.77 -26.13	35.25 1.84 -16.37	33.61 1.17 -21.06	29.14 1.49 -13.55
HOLTSVILLE_IC_7 23696	31.35 1.20 -18.36	24.22 1.03 -12.92	20.47 0.75 -12.30	21.36 0.71 -13.57	23.37 0.87 -13.54	28.11 1.16 -14.95	31.28 1.68 -13.33	37.04 1.87 -15.86	36.46 1.71 -17.49	33.68 2.28 -11.00	33.45 2.16 -12.04	33.44 2.15 -12.42	32.80 2.00 -12.74	33.47 1.85 -13.96	33.52 1.68 -15.82	36.10 1.52 -20.00	42.72 1.63 -24.75	58.55 2.04 -37.75	90.09 2.75 -61.67	54.98 2.20 -32.06	45.41 1.77 -26.13	35.25 1.84 -16.37	33.61 1.17 -21.06	29.14 1.49 -13.55
HOLTSVILLE_IC_8 23697	31.35 1.20 -18.36	24.22 1.03 -12.92	20.47 0.75 -12.30	21.36 0.71 -13.57	23.37 0.87 -13.54	28.11 1.16 -14.95	31.28 1.68 -13.33	37.04 1.87 -15.86	36.46 1.71 -17.49	33.68 2.28 -11.00	33.45 2.16 -12.04	33.44 2.15 -12.42	32.80 2.00 -12.74	33.47 1.85 -13.96	33.52 1.68 -15.82	36.10 1.52 -20.00	42.72 1.63 -24.75	58.55 2.04 -37.75	90.09 2.75 -61.67	54.98 2.20 -32.06	45.41 1.77 -26.13	35.25 1.84 -16.37	33.61 1.17 -21.06	29.14 1.49 -13.55
HOLTSVILLE_IC_9 23698	31.35 1.20 -18.36	24.22 1.03 -12.92	20.47 0.75 -12.30	21.36 0.71 -13.57	23.37 0.87 -13.54	28.11 1.16 -14.95	31.28 1.68 -13.33	37.04 1.87 -15.86	36.46 1.71 -17.49	33.68 2.28 -11.00	33.45 2.16 -12.04	33.44 2.15 -12.42	32.80 2.00 -12.74	33.47 1.85 -13.96	33.52 1.68 -15.82	36.10 1.52 -20.00	42.72 1.63 -24.75	58.55 2.04 -37.75	90.09 2.75 -61.67	54.98 2.20 -32.06	45.41 1.77 -26.13	35.25 1.84 -16.37	33.61 1.17 -21.06	29.14 1.49 -13.55
HOMER_HL_115KV_TB2 355744	14.32 -0.20 -2.75	12.63 -0.18 -2.55	10.43 -0.13 -3.14	10.20 -0.10 -3.22	11.46 -0.14 -2.65	14.11 -0.16 -2.27	19.60 -0.16 -3.48	23.62 -0.27 -4.58	21.54 -0.28 -4.55	22.21 -0.31 -2.12	21.35 -0.35 -2.44	21.14 -0.26 -2.53	20.53 -0.33 -2.79	20.66 -0.25 -3.25	19.89 -0.24 -4.11	19.56 -0.16 -5.14	22.67 -0.13 -6.46	29.47 -0.26 -10.97	33.17 -0.23 -7.74	26.36 -0.12 -5.76	21.60 -0.12 -4.20	20.32 -0.15 -3.44	15.47 -0.02 -4.12	16.53 -0.01 -2.45
HOWARD_WT_PWR 323690	15.07 0.31 -2.99	13.31 0.27 -2.77	11.03 0.20 -3.41	10.80 0.21 -3.50	12.09 0.25 -2.89	14.83 0.37 -2.47	20.65 0.59 -3.79	24.85 0.56 -4.98	22.70 0.48 -4.96	23.28 0.57 -2.31	22.41 0.50 -2.66	22.14 0.51 -2.76	21.56 0.45 -3.04	21.66 0.46 -3.54	20.90 0.40 -4.47	20.63 0.45 -5.60	24.00 0.62 -7.04	31.27 0.58 -11.94	34.98 0.90 -8.41	27.80 0.81 -6.27	22.74 0.65 -4.57	21.32 0.54 -3.74	16.25 0.40 -4.48	17.24 0.48 -2.66
HQ_GEN_CEDARS 23644	1.86 -0.37 9.55	2.49 -0.31 7.47	2.70 -0.22 4.50	1.44 -0.22 5.42	1.51 -0.28 7.17	1.38 -0.41 10.21	4.03 -0.62 11.63	5.57 -0.75 12.98	4.32 -0.74 12.20	5.89 -0.90 13.61	10.01 -0.81 8.44	9.77 -0.81 8.29	9.33 -0.79 7.93	9.11 -0.78 7.77	11.14 -0.72 4.16	11.13 -0.67 2.78	15.57 -0.77 0.00	17.95 -0.81 0.00	24.51 -1.16 0.00	15.06 -0.91 4.75	9.12 -0.75 7.64	5.64 -0.72 10.68	6.00 -0.43 4.94	7.40 -0.54 6.16
HQ_GEN_CEDARS_PROXY 323590	1.86 -0.37 9.55	2.49 -0.31 7.47	2.70 -0.22 4.50	1.44 -0.22 5.42	1.51 -0.28 7.17	1.38 -0.41 10.21	4.03 -0.62 11.63	5.59 -0.73 12.98	4.32 -0.74 12.20	5.89 -0.90 13.61	10.01 -0.81 8.44	9.77 -0.81 8.29	9.33 -0.79 7.93	9.11 -0.78 7.77	11.14 -0.72 4.16	11.13 -0.67 2.78	15.57 -0.77 0.00	17.95 -0.81 0.00	24.51 -1.15 0.00	15.06 -0.91 4.75	9.12 -0.75 7.64	5.64 -0.71 10.68	6.00 -0.43 4.94	7.40 -0.54 6.16
HQ_GEN_IMPORT 323601	9.51 -0.24 2.04	8.47 -0.21 1.59	6.31 -0.15 0.96	5.79 -0.14 1.16	7.25 -0.18 1.53	9.56 -0.25 2.18	13.38 -0.37 2.52	16.04 -0.44 2.82	14.21 -0.41 2.64	16.96 -0.49 2.94	16.98 -0.44 1.83	16.63 -0.45 1.79	15.91 -0.43 1.72	15.55 -0.42 1.68	14.74 -0.38 0.90	13.63 -0.35 0.60	15.93 -0.41 0.00	18.32 -0.43 0.00	25.05 -0.62 0.00	19.20 -0.50 1.03	15.44 -0.42 1.66	14.31 -0.41 2.31	10.04 -0.26 1.07	12.44 -0.32 1.34
HQ_GEN_WHEEL 23651	9.51 -0.24 2.04	8.47 -0.21 1.59	6.31 -0.15 0.96	5.79 -0.14 1.16	7.25 -0.18 1.53	9.56 -0.25 2.18	13.38 -0.37 2.52	16.04 -0.44 2.82	14.21 -0.41 2.64	16.96 -0.49 2.94	16.98 -0.44 1.83	16.63 -0.45 1.79	15.91 -0.43 1.72	15.55 -0.42 1.68	14.74 -0.38 0.90	13.63 -0.35 0.60	15.93 -0.41 0.00	18.32 -0.43 0.00	25.05 -0.62 0.00	19.20 -0.50 1.03	15.44 -0.42 1.66	14.31 -0.41 2.31	10.04 -0.26 1.07	12.44 -0.32 1.34
HUDSON_AVE_GT_3 23810	22.12 0.91 -9.44	19.79 0.76 -8.76	18.75 0.56 -10.78	18.67 0.52 -11.06	18.71 0.64 -9.12	20.64 0.84 -7.81	29.44 1.19 -11.98	36.58 1.52 -15.75	34.37 1.47 -15.64	29.58 1.90 -7.29	29.51 1.87 -8.39	29.44 1.87 -8.70	29.45 1.79 -9.60	30.55 1.71 -11.18	31.69 1.55 -14.11	33.63 1.38 -17.66	40.00 1.45 -22.21	58.18 1.71 -37.72	54.54 2.28 -26.59	42.35 1.82 -19.80	33.42 1.45 -14.44	30.33 1.48 -11.82	26.44 0.90 -14.17	23.62 1.11 -8.41

HUDSON AVE_GT_4 23540	22.12 0.91 -9.44	19.79 0.76 -8.76	18.75 0.56 -10.78	18.67 0.52 -11.06	18.71 0.64 -9.12	20.64 0.84 -7.81	29.44 1.19 -11.98	36.58 1.52 -15.75	34.37 1.47 -15.64	29.58 1.90 -7.29	29.51 1.87 -8.39	29.44 1.87 -8.70	29.45 1.79 -9.60	30.55 1.71 -11.18	31.69 1.55 -14.11	33.63 1.38 -17.66	40.00 1.45 -22.21	58.18 1.71 -37.72	54.54 2.28 -26.59	42.35 1.82 -19.80	33.42 1.45 -14.44	30.33 1.48 -11.82	26.44 0.90 -14.17	23.62 1.11 -8.41
HUDSON AVE_GT_5 23657	22.12 0.91 -9.44	19.79 0.76 -8.76	18.75 0.56 -10.78	18.67 0.52 -11.06	18.71 0.64 -9.12	20.64 0.84 -7.81	29.44 1.19 -11.98	36.58 1.52 -15.75	34.37 1.47 -15.64	29.58 1.90 -7.29	29.51 1.87 -8.39	29.44 1.87 -8.70	29.45 1.79 -9.60	30.55 1.71 -11.18	31.69 1.55 -14.11	33.63 1.38 -17.66	40.00 1.45 -22.21	58.18 1.71 -37.72	54.54 2.28 -26.59	42.35 1.82 -19.80	33.42 1.45 -14.44	30.33 1.48 -11.82	26.44 0.90 -14.17	23.62 1.11 -8.41
HUDSON_AVE_10 24168	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.58 1.52 -15.75	34.37 1.47 -15.64	29.58 1.90 -7.29	29.51 1.87 -8.39	29.44 1.87 -8.70	29.43 1.77 -9.60	30.55 1.71 -11.18	31.69 1.55 -14.11	33.63 1.38 -17.66	40.00 1.45 -22.21	58.18 1.71 -37.72	54.54 2.28 -26.59	42.35 1.82 -19.80	33.42 1.45 -14.44	30.33 1.48 -11.82	26.44 0.90 -14.17	23.61 1.10 -8.41
HUDSON___115KV_TB 4 355613	23.54 0.49 -11.27	21.17 0.44 -10.46	20.59 0.30 -12.87	20.58 0.29 -13.21	20.23 0.38 -10.89	21.84 0.53 -9.32	31.18 0.60 -14.30	38.76 0.66 -18.81	36.50 0.57 -18.67	29.67 0.57 -8.71	29.79 0.52 -10.02	29.73 0.47 -10.38	30.00 0.47 -11.47	31.50 0.49 -13.35	33.32 0.45 -16.85	36.06 0.39 -21.09	43.36 0.51 -26.52	62.44 0.62 -43.07	56.92 0.90 -30.36	45.05 0.68 -23.64	35.37 0.61 -17.24	31.71 0.56 -14.11	28.73 0.44 -16.92	24.70 0.56 -10.04
HUNTER MOUNT___DRP 323613	23.19 0.48 -10.93	20.85 0.43 -10.15	20.18 0.28 -12.49	20.18 0.28 -12.82	19.88 0.37 -10.56	21.53 0.49 -9.04	30.71 0.55 -13.88	38.13 0.58 -18.24	35.86 0.48 -18.11	29.25 0.41 -8.45	29.33 0.37 -9.72	29.25 0.30 -10.07	29.53 0.34 -11.13	30.98 0.37 -12.95	32.70 0.34 -16.34	35.34 0.31 -20.46	42.49 0.42 -25.73	60.19 0.58 -40.86	55.32 0.85 -28.80	44.26 0.60 -22.93	34.81 0.56 -16.73	31.24 0.51 -13.69	28.18 0.40 -16.41	24.35 0.51 -9.74
HUNTINGTON_RES_REC 323705	31.27 1.13 -18.36	24.16 0.97 -12.92	20.43 0.70 -12.30	21.32 0.67 -13.57	23.31 0.81 -13.54	28.04 1.09 -14.95	31.13 1.53 -13.33	36.74 1.74 -15.70	33.74 1.66 -14.82	31.27 2.24 -8.64	28.13 2.10 -6.78	28.05 2.11 -7.06	28.26 1.97 -8.23	29.42 1.80 -9.96	31.02 1.64 -13.36	32.68 1.47 -16.63	39.01 1.58 -21.10	58.29 1.84 -37.70	39.51 2.69 -11.15	37.29 2.16 -14.40	28.55 1.73 -9.30	35.03 1.79 -16.21	33.49 1.11 -21.01	29.00 1.41 -13.50
HUNTLEY___63 23557	14.32 0.05 -2.49	12.61 0.02 -2.31	10.29 0.02 -2.85	10.05 0.05 -2.92	11.39 0.03 -2.41	14.11 0.06 -2.06	19.47 0.05 -3.15	23.27 -0.19 -4.16	21.24 -0.16 -4.13	22.14 -0.18 -1.93	21.24 -0.23 -2.22	21.06 -0.11 -2.30	20.42 -0.18 -2.54	20.50 -0.11 -2.95	19.64 -0.11 -3.73	19.20 -0.04 -4.66	22.12 -0.08 -5.86	28.42 -0.28 -9.95	32.43 -0.26 -7.02	25.81 -0.15 -5.23	21.28 -0.05 -3.81	20.12 -0.03 -3.12	15.22 0.10 -3.74	16.53 0.21 -2.22
HUNTLEY___64 23558	14.32 0.05 -2.49	12.61 0.02 -2.31	10.29 0.02 -2.85	10.05 0.05 -2.92	11.39 0.03 -2.41	14.11 0.06 -2.06	19.47 0.05 -3.15	23.27 -0.19 -4.16	21.24 -0.16 -4.13	22.14 -0.18 -1.93	21.24 -0.23 -2.22	21.06 -0.11 -2.30	20.42 -0.18 -2.54	20.50 -0.11 -2.95	19.64 -0.11 -3.73	19.20 -0.04 -4.66	22.12 -0.08 -5.86	28.42 -0.28 -9.95	32.43 -0.26 -7.02	25.81 -0.15 -5.23	21.28 -0.05 -3.81	20.12 -0.03 -3.12	15.22 0.10 -3.74	16.53 0.21 -2.22
HUNTLEY___65 23559	14.32 0.05 -2.49	12.61 0.02 -2.31	10.29 0.02 -2.85	10.05 0.05 -2.92	11.39 0.03 -2.41	14.11 0.06 -2.06	19.47 0.05 -3.15	23.27 -0.19 -4.16	21.24 -0.16 -4.13	22.14 -0.18 -1.93	21.24 -0.23 -2.22	21.06 -0.11 -2.30	20.42 -0.18 -2.54	20.50 -0.11 -2.95	19.64 -0.11 -3.73	19.20 -0.04 -4.66	22.12 -0.08 -5.86	28.42 -0.28 -9.95	32.43 -0.26 -7.02	25.81 -0.15 -5.23	21.28 -0.05 -3.81	20.12 -0.03 -3.12	15.22 0.10 -3.74	16.53 0.21 -2.22
HUNTLEY___66 23560	14.32 0.05 -2.49	12.61 0.02 -2.31	10.29 0.02 -2.85	10.05 0.05 -2.92	11.39 0.03 -2.41	14.11 0.06 -2.06	19.47 0.05 -3.15	23.27 -0.19 -4.16	21.24 -0.16 -4.13	22.14 -0.18 -1.93	21.24 -0.23 -2.22	21.06 -0.11 -2.30	20.42 -0.18 -2.54	20.50 -0.11 -2.95	19.64 -0.11 -3.73	19.20 -0.04 -4.66	22.12 -0.08 -5.86	28.42 -0.28 -9.95	32.43 -0.26 -7.02	25.81 -0.15 -5.23	21.28 -0.05 -3.81	20.12 -0.03 -3.12	15.22 0.10 -3.74	16.53 0.21 -2.22
HUNTLEY___67 23561	14.30 -0.01 -2.53	12.59 -0.03 -2.35	10.30 -0.01 -2.89	10.07 0.02 -2.96	11.39 -0.01 -2.44	14.10 0.01 -2.09	19.48 0.00 -3.21	23.27 -0.25 -4.22	21.23 -0.22 -4.19	22.06 -0.29 -1.95	21.19 -0.31 -2.25	21.01 -0.19 -2.33	20.38 -0.25 -2.57	20.48 -0.18 -3.00	19.63 -0.18 -3.78	19.22 -0.09 -4.73	22.15 -0.13 -5.95	28.54 -0.32 -10.11	32.46 -0.33 -7.12	25.83 -0.21 -5.30	21.28 -0.11 -3.87	20.10 -0.10 -3.17	15.23 0.07 -3.80	16.52 0.17 -2.25
HUNTLEY___68 23562	14.30 -0.01 -2.53	12.59 -0.03 -2.35	10.30 -0.01 -2.89	10.07 0.02 -2.96	11.39 -0.01 -2.44	14.10 0.01 -2.09	19.48 0.00 -3.21	23.27 -0.25 -4.22	21.23 -0.22 -4.19	22.06 -0.29 -1.95	21.19 -0.31 -2.25	21.01 -0.19 -2.33	20.38 -0.25 -2.57	20.48 -0.18 -3.00	19.63 -0.18 -3.78	19.22 -0.09 -4.73	22.15 -0.13 -5.95	28.54 -0.32 -10.11	32.46 -0.33 -7.12	25.83 -0.21 -5.30	21.28 -0.11 -3.87	20.10 -0.10 -3.17	15.23 0.07 -3.80	16.52 0.17 -2.25
HYLAND___LFGE 323620	15.12 0.67 -2.67	13.30 0.55 -2.48	10.87 0.40 -3.05	10.61 0.40 -3.13	12.04 0.51 -2.58	14.92 0.72 -2.21	20.76 1.09 -3.39	25.00 1.24 -4.46	22.77 1.07 -4.43	23.42 0.96 -2.07	22.30 0.67 -2.38	21.94 0.60 -2.47	21.34 0.56 -2.72	21.39 0.56 -3.17	20.57 0.55 -4.00	20.21 0.63 -5.01	23.50 0.87 -6.30	30.63 1.20 -10.68	35.19 2.00 -7.52	28.07 1.74 -5.60	22.94 1.33 -4.09	21.55 1.17 -3.35	16.18 0.80 -4.01	17.46 0.99 -2.38
INDECK___CORINTH 23802	24.42 0.61 -12.03	21.97 0.53 -11.17	21.60 0.44 -13.74	21.62 0.42 -14.11	21.21 0.63 -11.63	22.85 0.90 -9.95	32.82 1.27 -15.27	40.99 1.60 -20.08	38.62 1.42 -19.94	31.31 1.61 -9.30	31.43 1.48 -10.70	31.36 1.40 -11.09	31.63 1.32 -12.25	33.24 1.32 -14.26	35.22 1.20 -17.99	38.22 1.12 -22.52	45.77 1.11 -28.33	68.11 1.26 -48.10	61.31 1.75 -33.90	47.32 1.35 -25.24	37.06 1.12 -18.42	33.09 0.99 -15.07	30.04 0.60 -18.07	25.54 0.72 -10.72
INDECK___ILION 23567	12.76 0.18 -0.80	11.10 0.16 -0.66	8.06 0.11 -0.53	7.78 0.11 -0.59	9.76 0.15 -0.65	13.00 0.20 -0.80	17.60 0.31 -1.02	20.88 0.39 -1.19	18.72 0.35 -1.11	21.82 0.43 -1.00	20.33 0.37 -0.71	19.96 0.38 -0.71	19.11 0.34 -0.71	18.71 0.32 -0.74	16.90 0.29 -0.59	15.43 0.26 -0.59	17.15 0.29 -0.52	19.92 0.28 -0.89	26.68 0.39 -0.63	21.79 0.29 -0.77	18.64 0.30 -0.82	18.29 0.31 -0.95	12.21 0.19 -0.65	14.91 0.23 -0.59

INDECK___OLEAN 23982	14.32 -0.20 -2.75	12.64 -0.18 -2.55	10.43 -0.13 -3.14	10.20 -0.10 -3.22	11.46 -0.14 -2.65	14.11 -0.16 -2.27	19.60 -0.16 -3.48	23.62 -0.27 -4.58	21.54 -0.28 -4.56	22.19 -0.33 -2.13	21.35 -0.35 -2.45	21.14 -0.26 -2.53	20.54 -0.32 -2.80	20.67 -0.25 -3.26	19.90 -0.24 -4.11	19.57 -0.16 -5.15	22.68 -0.13 -6.47	29.47 -0.26 -10.97	33.17 -0.23 -7.74	26.34 -0.14 -5.76	21.58 -0.14 -4.20	20.32 -0.15 -3.44	15.47 -0.02 -4.12	16.54 0.00 -2.45
INDECK___OSWEGO 23783	12.96 -0.13 -1.31	11.42 -0.10 -1.26	9.02 -0.07 -1.68	8.71 -0.07 -1.70	10.19 -0.09 -1.32	12.89 -0.12 -1.02	18.19 -0.10 -2.01	21.77 -0.17 -2.64	19.76 -0.16 -2.65	21.43 -0.20 -1.24	20.46 -0.21 -1.42	20.14 -0.21 -1.48	19.49 -0.20 -1.63	19.38 -0.18 -1.90	18.24 -0.18 -2.39	17.44 -0.13 -3.00	19.97 -0.13 -3.77	24.89 -0.19 -6.33	29.89 -0.23 -4.46	23.86 -0.19 -3.32	19.80 -0.14 -2.42	18.86 -0.15 -1.98	13.68 -0.07 -2.38	15.41 -0.10 -1.41
INDECK___YERKES 23781	14.33 0.06 -2.49	12.61 0.02 -2.31	10.29 0.03 -2.85	10.06 0.06 -2.92	11.40 0.04 -2.41	14.13 0.07 -2.06	19.49 0.07 -3.15	23.29 -0.17 -4.16	21.24 -0.16 -4.14	22.14 -0.18 -1.93	21.26 -0.21 -2.22	21.08 -0.09 -2.30	20.44 -0.16 -2.54	20.53 -0.09 -2.96	19.66 -0.10 -3.73	19.22 -0.03 -4.67	22.14 -0.07 -5.87	28.44 -0.26 -9.95	32.46 -0.23 -7.02	25.81 -0.14 -5.23	21.26 -0.07 -3.81	20.12 -0.03 -3.12	15.23 0.11 -3.74	16.54 0.22 -2.22
INDIAN POINT_GT_1 24139	21.83 0.78 -9.27	19.53 0.66 -8.61	18.49 0.48 -10.59	18.41 0.46 -10.87	18.47 0.56 -8.96	20.39 0.73 -7.67	29.05 1.01 -11.77	36.09 1.31 -15.48	33.87 1.24 -15.36	29.13 1.57 -7.17	29.03 1.54 -8.24	28.95 1.53 -8.54	28.96 1.46 -9.44	30.06 1.41 -10.99	31.17 1.28 -13.86	33.08 1.15 -17.35	39.39 1.23 -21.83	57.24 1.43 -37.06	53.71 1.93 -26.12	41.74 1.55 -19.45	32.97 1.26 -14.19	29.89 1.24 -11.61	26.04 0.75 -13.92	23.29 0.93 -8.26
INDIAN POINT_GT_2 23659	21.83 0.78 -9.27	19.53 0.66 -8.61	18.49 0.48 -10.59	18.41 0.46 -10.87	18.47 0.56 -8.96	20.39 0.73 -7.67	29.05 1.01 -11.77	36.09 1.31 -15.48	33.87 1.24 -15.36	29.13 1.57 -7.17	29.03 1.54 -8.24	28.95 1.53 -8.54	28.96 1.46 -9.44	30.06 1.41 -10.99	31.17 1.28 -13.86	33.08 1.15 -17.35	39.39 1.23 -21.83	57.24 1.43 -37.06	53.71 1.93 -26.12	41.74 1.55 -19.45	32.97 1.26 -14.19	29.89 1.24 -11.61	26.04 0.75 -13.92	23.29 0.93 -8.26
INDIAN POINT_GT_3 24019	21.83 0.78 -9.27	19.53 0.66 -8.61	18.49 0.48 -10.59	18.41 0.46 -10.87	18.47 0.56 -8.96	20.39 0.73 -7.67	29.05 1.01 -11.77	36.09 1.31 -15.48	33.87 1.24 -15.36	29.13 1.57 -7.17	29.03 1.54 -8.24	28.95 1.53 -8.54	28.96 1.46 -9.44	30.06 1.41 -10.99	31.17 1.28 -13.86	33.08 1.15 -17.35	39.39 1.23 -21.83	57.24 1.43 -37.06	53.71 1.93 -26.12	41.74 1.55 -19.45	32.97 1.26 -14.19	29.89 1.24 -11.61	26.04 0.75 -13.92	23.29 0.93 -8.26
INDIAN POINT___2 23530	21.50 0.75 -8.96	19.23 0.64 -8.32	18.12 0.47 -10.24	18.04 0.45 -10.51	18.15 0.54 -8.66	20.11 0.71 -7.42	28.63 0.98 -11.38	35.52 1.25 -14.96	33.33 1.21 -14.86	28.83 1.51 -6.93	28.70 1.48 -7.97	28.62 1.49 -8.26	28.59 1.41 -9.12	29.64 1.36 -10.62	30.66 1.23 -13.41	32.46 1.11 -16.78	38.63 1.19 -21.10	55.97 1.39 -35.83	52.77 1.85 -25.25	41.03 1.49 -18.81	32.44 1.21 -13.72	29.47 1.21 -11.23	25.56 0.73 -13.46	22.99 0.90 -7.99
INDIAN POINT___3 23531	22.08 0.80 -9.50	19.77 0.68 -8.82	18.77 0.50 -10.86	18.70 0.47 -11.14	18.71 0.57 -9.18	20.61 0.76 -7.86	29.40 1.06 -12.07	36.52 1.35 -15.87	34.29 1.28 -15.75	29.35 1.61 -7.35	29.28 1.58 -8.45	29.22 1.59 -8.76	29.23 1.50 -9.67	30.37 1.45 -11.26	31.57 1.33 -14.21	33.55 1.18 -17.79	39.97 1.26 -22.38	58.21 1.46 -38.00	54.42 1.98 -26.78	42.27 1.60 -19.94	33.34 1.28 -14.55	30.23 1.29 -11.91	26.43 0.78 -14.27	23.54 0.97 -8.47
INGHAM_C_115KV_TB7 356103	12.90 0.32 -0.80	11.21 0.28 -0.66	8.14 0.20 -0.53	7.86 0.19 -0.59	9.86 0.26 -0.65	13.17 0.37 -0.80	17.83 0.54 -1.02	21.17 0.68 -1.19	18.98 0.60 -1.11	22.11 0.71 -1.00	20.62 0.65 -0.71	20.22 0.64 -0.71	19.38 0.61 -0.71	18.94 0.55 -0.74	17.09 0.48 -0.59	15.60 0.44 -0.59	17.36 0.51 -0.52	20.09 0.45 -0.89	26.88 0.59 -0.63	21.95 0.46 -0.77	18.83 0.49 -0.82	18.50 0.51 -0.95	12.35 0.33 -0.65	15.08 0.39 -0.59
IP CORINTH___1 23988	24.42 0.61 -12.03	21.97 0.53 -11.17	21.60 0.44 -13.74	21.62 0.42 -14.11	21.21 0.63 -11.63	22.84 0.90 -9.95	32.82 1.27 -15.27	40.99 1.60 -20.08	38.62 1.42 -19.94	31.31 1.61 -9.30	31.43 1.48 -10.70	31.36 1.40 -11.09	31.62 1.32 -12.25	33.24 1.32 -14.26	35.22 1.20 -17.99	38.22 1.12 -22.52	45.77 1.11 -28.32	68.11 1.26 -48.10	61.31 1.75 -33.90	47.32 1.35 -25.24	37.05 1.12 -18.42	33.09 0.99 -15.07	30.04 0.60 -18.07	25.54 0.72 -10.72
IP___TICONDEROGA 23804	24.87 1.07 -12.02	22.37 0.94 -11.16	21.85 0.70 -13.73	21.86 0.68 -14.09	21.53 0.96 -11.61	23.29 1.36 -9.94	33.45 1.92 -15.26	41.80 2.43 -20.06	39.32 2.14 -19.92	32.11 2.43 -9.29	32.17 2.23 -10.68	32.02 2.08 -11.08	32.01 1.72 -12.23	33.67 1.77 -14.24	35.58 1.59 -17.97	38.56 1.49 -22.50	46.23 1.60 -28.29	68.64 1.84 -48.05	62.07 2.54 -33.86	48.19 2.24 -25.22	37.82 1.91 -18.40	33.76 1.67 -15.06	30.45 1.03 -18.05	26.05 1.24 -10.71
ISLIP_RES_REC 323679	31.39 1.25 -18.36	24.26 1.07 -12.92	20.51 0.79 -12.30	21.39 0.74 -13.57	23.41 0.91 -13.54	28.17 1.22 -14.95	31.36 1.76 -13.33	37.12 1.97 -15.85	36.34 1.80 -17.28	33.60 2.38 -10.82	33.14 2.25 -11.64	33.13 2.24 -12.01	32.55 2.09 -12.39	33.25 1.94 -13.66	33.42 1.76 -15.63	35.93 1.60 -19.75	42.54 1.73 -24.47	58.66 2.16 -37.75	86.39 2.90 -57.82	53.76 2.32 -30.71	44.24 1.88 -24.84	35.32 1.92 -16.36	33.66 1.23 -21.06	29.18 1.54 -13.55
JAMAICA__27_KV_LOAD 355505	22.17 0.95 -9.44	19.83 0.80 -8.76	18.78 0.59 -10.78	18.69 0.55 -11.06	18.73 0.66 -9.12	20.70 0.90 -7.81	29.57 1.32 -11.98	36.79 1.74 -15.75	34.57 1.67 -15.64	29.81 2.12 -7.29	29.74 2.10 -8.39	29.64 2.08 -8.70	29.63 1.97 -9.60	30.78 1.94 -11.18	31.90 1.76 -14.11	33.81 1.57 -17.66	40.22 1.67 -22.21	58.45 1.97 -37.72	54.90 2.64 -26.59	42.64 2.11 -19.80	33.64 1.68 -14.44	30.54 1.69 -11.82	26.55 1.01 -14.17	23.73 1.23 -8.41
JANIS___SOLAR 323808	15.88 0.62 -3.48	14.08 0.57 -3.23	11.79 0.40 -3.98	11.54 0.38 -4.08	12.83 0.51 -3.36	15.58 0.71 -2.88	21.83 1.14 -4.42	26.54 1.43 -5.81	24.23 1.19 -5.78	24.43 1.35 -2.69	23.47 1.12 -3.10	23.10 1.02 -3.21	22.55 0.94 -3.55	22.74 0.95 -4.13	22.12 0.88 -5.21	22.01 0.90 -6.52	25.68 1.14 -8.21	34.02 1.35 -13.92	37.43 1.95 -9.81	29.59 1.56 -7.31	24.12 1.28 -5.33	22.57 1.17 -4.36	17.36 0.76 -5.23	18.10 0.90 -3.10
JARVIS____ 23743	12.64 0.06 -0.80	10.98 0.05 -0.66	7.98 0.04 -0.53	7.71 0.04 -0.59	9.65 0.04 -0.65	12.87 0.07 -0.80	17.39 0.10 -1.02	20.63 0.14 -1.19	18.48 0.12 -1.10	21.55 0.16 -0.99	20.07 0.12 -0.70	19.71 0.13 -0.70	18.87 0.11 -0.70	18.51 0.12 -0.73	16.71 0.11 -0.58	15.25 0.10 -0.57	16.96 0.12 -0.51	19.75 0.11 -0.89	26.45 0.15 -0.63	21.62 0.13 -0.77	18.45 0.11 -0.82	18.09 0.10 -0.95	12.09 0.07 -0.65	14.76 0.07 -0.59

JENNISON___1 23625	16.51 0.65 -4.09	14.66 0.60 -3.79	12.51 0.42 -4.67	12.27 0.39 -4.79	13.44 0.54 -3.95	16.12 0.74 -3.38	22.62 1.16 -5.19	27.61 1.49 -6.82	25.31 1.28 -6.77	25.04 1.49 -3.16	24.18 1.29 -3.63	23.87 1.23 -3.77	23.36 1.14 -4.16	23.65 1.15 -4.84	23.18 1.04 -6.11	23.23 1.01 -7.65	27.15 1.19 -9.62	36.50 1.41 -16.34	39.16 1.98 -11.52	30.88 1.58 -8.58	25.09 1.31 -6.26	23.38 1.23 -5.12	18.30 0.80 -6.14	18.67 0.93 -3.64
JENNISON___2 23626	16.51 0.65 -4.09	14.66 0.60 -3.79	12.51 0.42 -4.67	12.27 0.39 -4.79	13.44 0.54 -3.95	16.12 0.74 -3.38	22.62 1.16 -5.19	27.61 1.49 -6.82	25.31 1.28 -6.77	25.04 1.49 -3.16	24.18 1.29 -3.63	23.87 1.23 -3.77	23.36 1.14 -4.16	23.65 1.15 -4.84	23.18 1.04 -6.11	23.23 1.01 -7.65	27.15 1.19 -9.62	36.50 1.41 -16.34	39.16 1.98 -11.52	30.88 1.58 -8.58	25.09 1.31 -6.26	23.38 1.23 -5.12	18.30 0.80 -6.14	18.67 0.93 -3.64
JERICHO_RISE_WT_PWR 323719	1.37 -0.64 9.78	2.05 -0.57 7.65	2.41 -0.40 4.60	1.12 -0.42 5.55	1.09 -0.53 7.33	0.81 -0.73 10.45	3.33 -1.04 11.90	4.64 -1.37 13.29	3.47 -1.31 12.48	4.95 -1.53 13.92	9.41 -1.21 8.63	9.13 -1.26 8.48	8.81 -1.14 8.11	8.51 -1.20 7.95	10.73 -1.04 4.25	10.73 -1.01 2.84	15.21 -1.13 0.00	17.66 -1.09 0.00	24.05 -1.62 0.00	14.52 -1.35 4.86	8.47 -1.23 7.82	4.91 -1.19 10.93	5.51 -0.81 5.05	6.77 -1.02 6.31
KATONAH___115KV_46KV_TB4 355592	22.17 0.85 -9.54	19.85 0.72 -8.86	18.83 0.52 -10.90	18.77 0.50 -11.19	18.78 0.61 -9.22	20.68 0.79 -7.89	29.48 1.09 -12.11	36.66 1.43 -15.93	34.44 1.36 -15.81	29.46 1.69 -7.38	29.43 1.69 -8.48	29.34 1.68 -8.79	29.36 1.59 -9.71	30.52 1.55 -11.31	31.70 1.41 -14.27	33.72 1.28 -17.86	40.15 1.36 -22.46	58.45 1.56 -38.14	54.68 2.13 -26.88	42.45 1.70 -20.02	33.51 1.38 -14.60	30.33 1.35 -11.95	26.49 0.80 -14.33	23.59 0.99 -8.50
KCE_NY_1 323755	24.45 0.67 -12.00	22.01 0.60 -11.14	21.56 0.44 -13.71	21.58 0.42 -14.07	21.11 0.56 -11.60	22.70 0.78 -9.93	32.60 1.09 -15.24	40.70 1.37 -20.03	38.34 1.19 -19.89	31.04 1.37 -9.28	31.19 1.27 -10.67	31.14 1.21 -11.06	31.43 1.16 -12.22	33.04 1.17 -14.22	35.03 1.06 -17.95	38.00 0.96 -22.46	45.65 1.06 -28.25	67.95 1.22 -47.98	61.17 1.69 -33.81	47.26 1.35 -25.18	37.01 1.12 -18.37	33.10 1.04 -15.03	30.04 0.65 -18.02	25.58 0.79 -10.70
KCE_NY_6_ESR 323823	14.39 0.04 -2.58	12.68 0.01 -2.40	10.38 0.01 -2.95	10.15 0.04 -3.03	11.46 0.02 -2.49	14.19 0.06 -2.13	19.63 0.08 -3.27	23.49 -0.12 -4.31	21.44 -0.10 -4.28	22.27 -0.12 -2.00	21.40 -0.15 -2.30	21.20 -0.06 -2.38	20.57 -0.13 -2.63	20.67 -0.05 -3.06	19.84 -0.05 -3.87	19.43 0.01 -4.84	22.44 0.02 -6.09	28.94 -0.13 -10.31	32.86 -0.08 -7.27	26.14 0.00 -5.41	21.49 0.02 -3.95	20.30 0.03 -3.23	15.38 0.14 -3.87	16.64 0.24 -2.30
KEDC_PORT_JEFF_GT2 24210	31.31 1.17 -18.36	24.19 1.00 -12.92	20.46 0.73 -12.30	21.34 0.69 -13.57	23.35 0.85 -13.54	28.08 1.14 -14.95	31.23 1.63 -13.33	36.99 1.81 -15.88	36.62 1.66 -17.70	33.84 2.26 -11.18	33.80 2.10 -12.45	33.81 2.09 -12.84	33.12 1.97 -13.09	33.75 1.82 -14.27	33.68 1.65 -16.01	36.32 1.47 -20.27	42.94 1.57 -25.04	58.44 1.93 -37.76	93.93 2.62 -65.64	56.27 2.09 -33.44	46.67 1.70 -27.45	35.21 1.79 -16.39	33.58 1.14 -21.07	29.12 1.47 -13.56
KEDC_PORT_JEFF_GT3 24211	31.31 1.17 -18.36	24.19 1.00 -12.92	20.46 0.73 -12.30	21.34 0.69 -13.57	23.35 0.85 -13.54	28.08 1.14 -14.95	31.23 1.63 -13.33	36.99 1.81 -15.88	36.62 1.66 -17.70	33.84 2.26 -11.18	33.80 2.10 -12.45	33.81 2.09 -12.84	33.12 1.97 -13.09	33.75 1.82 -14.27	33.68 1.65 -16.01	36.32 1.47 -20.27	42.94 1.57 -25.04	58.44 1.93 -37.76	93.93 2.62 -65.64	56.27 2.09 -33.44	46.67 1.70 -27.45	35.21 1.79 -16.39	33.58 1.14 -21.07	29.12 1.47 -13.56
KEDC_GLWD_GT4 24219	31.19 1.05 -18.36	24.09 0.89 -12.92	20.37 0.65 -12.30	21.27 0.62 -13.57	23.25 0.75 -13.54	27.95 1.01 -14.95	31.04 1.43 -13.33	36.81 1.76 -15.75	34.54 1.64 -15.64	31.87 2.12 -9.36	29.70 2.06 -8.39	29.61 2.04 -8.70	29.58 1.91 -9.60	30.66 1.82 -11.18	31.78 1.65 -14.11	33.73 1.49 -17.66	40.15 1.60 -22.21	58.32 1.86 -37.71	54.84 2.59 -26.58	42.60 2.07 -19.79	33.64 1.68 -14.44	34.99 1.70 -16.26	33.44 1.05 -21.02	28.89 1.28 -13.51
KEDC_GLWD_GT5 24220	31.19 1.05 -18.36	24.09 0.89 -12.92	20.37 0.65 -12.30	21.27 0.62 -13.57	23.25 0.75 -13.54	27.95 1.01 -14.95	31.04 1.43 -13.33	36.81 1.76 -15.75	34.54 1.64 -15.64	31.87 2.12 -9.36	29.70 2.06 -8.39	29.61 2.04 -8.70	29.58 1.91 -9.60	30.66 1.82 -11.18	31.78 1.65 -14.11	33.73 1.49 -17.66	40.15 1.60 -22.21	58.32 1.86 -37.71	54.84 2.59 -26.58	42.60 2.07 -19.79	33.64 1.68 -14.44	34.99 1.70 -16.26	33.44 1.05 -21.02	28.89 1.28 -13.51
KENSICO____ 23655	22.03 0.82 -9.42	19.72 0.70 -8.75	18.68 0.50 -10.76	18.61 0.48 -11.05	18.64 0.58 -9.11	20.55 0.77 -7.80	29.31 1.07 -11.96	36.42 1.39 -15.73	34.19 1.31 -15.62	29.35 1.67 -7.28	29.26 1.64 -8.38	29.20 1.64 -8.68	29.20 1.55 -9.59	30.32 1.50 -11.17	31.48 1.36 -14.09	33.44 1.22 -17.64	39.82 1.31 -22.18	57.94 1.52 -37.67	54.24 2.03 -26.55	42.14 1.64 -19.77	33.25 1.31 -14.42	30.16 1.33 -11.80	26.32 0.80 -14.15	23.48 0.99 -8.40
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.27 0.84 -8.65	19.01 0.71 -8.03	17.80 0.50 -9.88	17.71 0.48 -10.14	17.90 0.58 -8.36	19.87 0.72 -7.16	28.22 0.96 -10.98	35.06 1.31 -14.44	32.83 1.23 -14.34	28.57 1.49 -6.69	28.43 1.48 -7.69	28.32 1.47 -7.97	28.28 1.41 -8.81	29.29 1.38 -10.25	30.23 1.27 -12.94	31.91 1.14 -16.19	37.96 1.26 -20.37	54.37 1.43 -34.20	51.64 1.87 -24.10	40.40 1.51 -18.15	32.13 1.37 -13.24	29.23 1.36 -10.84	25.12 0.76 -12.99	22.77 0.96 -7.71
KIAC_JFK_GT1 23816	22.15 0.93 -9.44	19.81 0.78 -8.76	18.76 0.56 -10.78	18.68 0.53 -11.06	18.71 0.64 -9.12	20.67 0.88 -7.81	29.52 1.27 -11.98	36.73 1.68 -15.75	34.52 1.62 -15.64	29.75 2.06 -7.29	29.68 2.04 -8.39	29.59 2.02 -8.70	29.56 1.90 -9.60	30.71 1.87 -11.18	31.85 1.71 -14.11	33.77 1.53 -17.66	40.17 1.62 -22.21	58.39 1.91 -37.72	54.82 2.57 -26.59	42.58 2.05 -19.80	33.59 1.63 -14.44	30.49 1.64 -11.82	26.52 0.98 -14.17	23.69 1.18 -8.41
KIAC_JFK_GT2 23817	22.15 0.93 -9.44	19.81 0.78 -8.76	18.76 0.56 -10.78	18.68 0.53 -11.06	18.71 0.64 -9.12	20.67 0.88 -7.81	29.52 1.27 -11.98	36.73 1.68 -15.75	34.52 1.62 -15.64	29.75 2.06 -7.29	29.68 2.04 -8.39	29.59 2.02 -8.70	29.56 1.90 -9.60	30.71 1.87 -11.18	31.85 1.71 -14.11	33.77 1.53 -17.66	40.17 1.62 -22.21	58.39 1.91 -37.72	54.82 2.57 -26.59	42.58 2.05 -19.80	33.59 1.63 -14.44	30.49 1.64 -11.82	26.52 0.98 -14.17	23.69 1.18 -8.41
KIAC_JFK____ 323774	22.15 0.93 -9.44	19.81 0.78 -8.76	18.76 0.56 -10.78	18.68 0.53 -11.06	18.71 0.64 -9.12	20.67 0.87 -7.81	29.54 1.29 -11.98	36.73 1.68 -15.75	34.52 1.62 -15.64	29.77 2.08 -7.30	29.68 2.04 -8.39	29.59 2.02 -8.70	29.58 1.91 -9.61	30.71 1.87 -11.18	31.85 1.72 -14.11	33.77 1.53 -17.66	40.17 1.62 -22.22	58.39 1.91 -37.72	54.82 2.57 -26.59	42.58 2.05 -19.80	33.59 1.63 -14.44	30.49 1.64 -11.82	26.52 0.98 -14.17	23.69 1.18 -8.41

KINTIGH____ 23543	14.20 0.08 -2.34	12.49 0.05 -2.17	10.13 0.04 -2.67	9.90 0.07 -2.74	11.28 0.06 -2.26	14.02 0.10 -1.94	19.38 0.13 -2.97	23.11 -0.10 -3.91	21.09 -0.05 -3.88	22.12 -0.08 -1.81	21.20 -0.13 -2.08	20.97 -0.06 -2.16	20.35 -0.09 -2.38	20.38 -0.05 -2.77	19.47 -0.05 -3.50	18.97 0.01 -4.38	21.83 -0.02 -5.51	27.96 -0.15 -9.35	32.13 -0.13 -6.59	25.60 -0.04 -4.91	21.12 0.02 -3.58	19.98 0.02 -2.93	15.02 0.14 -3.51	16.42 0.24 -2.09
KNTFSRNC_46_KV_46KV_LOAD 80397	1.26 -0.58 9.94	1.98 -0.51 7.77	2.37 -0.36 4.68	1.06 -0.38 5.64	1.03 -0.47 7.45	0.72 -0.66 10.62	3.25 -0.93 12.10	4.46 -1.33 13.51	3.31 -1.28 12.68	4.75 -1.51 14.14	9.39 -1.10 8.77	9.11 -1.15 8.61	8.77 -1.05 8.24	8.47 -1.11 8.07	10.74 -0.96 4.32	10.74 -0.95 2.89	15.27 -1.06 0.00	17.80 -0.96 0.00	24.23 -1.44 0.00	14.58 -1.20 4.94	8.46 -1.10 7.95	4.82 -1.11 11.11	5.49 -0.75 5.13	6.73 -0.96 6.41
LACHUTE__HYDRO 323717	24.87 1.07 -12.02	22.37 0.94 -11.16	21.85 0.70 -13.73	21.86 0.68 -14.09	21.53 0.96 -11.61	23.29 1.35 -9.94	33.45 1.92 -15.26	41.80 2.43 -20.06	39.32 2.14 -19.92	32.11 2.43 -9.29	32.17 2.23 -10.69	32.03 2.08 -11.08	32.01 1.72 -12.23	33.67 1.77 -14.24	35.58 1.59 -17.97	38.56 1.49 -22.50	46.23 1.60 -28.30	68.64 1.84 -48.05	62.07 2.54 -33.86	48.19 2.24 -25.22	37.82 1.91 -18.40	33.76 1.67 -15.06	30.45 1.03 -18.05	26.05 1.24 -10.71
LAWRNCV_115KV_TB1 80681	3.39 -0.46 7.93	3.71 -0.39 6.17	3.57 -0.29 3.56	2.46 -0.28 4.34	2.68 -0.38 5.89	2.84 -0.61 8.54	5.76 -0.88 9.64	7.58 -1.02 10.70	6.12 -1.07 10.08	7.55 -1.33 11.52	11.00 -1.21 7.04	10.75 -1.23 6.90	10.30 -1.19 6.57	10.11 -1.17 6.38	11.78 -1.06 3.19	11.69 -0.99 1.90	15.85 -1.11 -0.62	18.63 -1.18 -1.06	24.77 -1.64 -0.75	15.88 -1.33 3.52	10.28 -1.09 6.15	7.20 -1.00 8.83	6.98 -0.56 3.84	8.38 -0.66 5.05
LEDERLE____ 23769	21.16 0.75 -8.63	18.92 0.64 -8.01	17.74 0.47 -9.85	17.65 0.45 -10.12	17.84 0.55 -8.34	19.82 0.70 -7.14	28.17 0.94 -10.95	34.96 1.25 -14.40	32.73 1.17 -14.30	28.53 1.47 -6.67	28.37 1.44 -7.67	28.28 1.45 -7.95	28.23 1.39 -8.78	29.22 1.34 -10.22	30.14 1.22 -12.90	31.82 1.09 -16.15	37.84 1.19 -20.31	54.63 1.39 -34.49	51.80 1.82 -24.31	40.32 1.49 -18.10	31.95 1.23 -13.21	29.07 1.23 -10.81	25.05 0.73 -12.96	22.69 0.90 -7.69
LIGHTHSE_115KV_TB6 355974	12.54 -0.02 -0.79	11.10 -0.01 -0.84	8.79 -0.01 -1.38	8.43 -0.01 -1.36	9.87 0.00 -0.92	12.47 0.00 -0.48	17.41 0.10 -1.04	20.96 0.12 -1.54	19.06 0.05 -1.75	20.74 0.02 -0.33	20.04 -0.04 -0.82	19.70 -0.06 -0.88	19.05 -0.05 -1.05	18.91 -0.05 -1.31	17.97 -0.05 -2.00	17.18 -0.04 -2.65	19.88 0.00 -3.54	24.77 0.00 -6.02	29.96 0.05 -4.24	23.57 0.04 -2.80	19.29 0.04 -1.73	18.15 0.03 -1.09	13.32 0.06 -1.89	15.03 0.06 -0.88
LINDEN COGEN____ 23786	22.04 0.82 -9.44	19.72 0.69 -8.76	18.70 0.50 -10.78	18.63 0.48 -11.06	18.65 0.57 -9.12	20.57 0.77 -7.81	29.33 1.07 -11.98	36.42 1.37 -15.75	34.23 1.33 -15.64	29.46 1.77 -7.30	29.38 1.73 -8.39	29.33 1.76 -8.70	29.33 1.66 -9.61	30.43 1.59 -11.18	31.56 1.43 -14.11	33.51 1.27 -17.66	39.87 1.32 -22.22	58.01 1.54 -37.72	54.31 2.05 -26.59	42.17 1.64 -19.80	33.28 1.31 -14.44	30.22 1.36 -11.82	26.37 0.83 -14.17	23.54 1.03 -8.41
LINDHRST_69_KV_BK1 356055	31.33 1.19 -18.36	24.21 1.02 -12.92	20.46 0.74 -12.30	21.36 0.71 -13.57	23.37 0.87 -13.54	28.11 1.16 -14.95	31.26 1.66 -13.32	36.89 1.83 -15.75	34.70 1.69 -15.75	32.08 2.22 -9.46	30.00 2.14 -8.61	29.89 2.09 -8.92	29.81 1.95 -9.80	30.84 1.84 -11.35	31.92 1.68 -14.21	33.91 1.53 -17.80	40.33 1.63 -22.37	58.49 2.03 -37.72	57.13 2.72 -28.75	43.46 2.18 -20.55	34.47 1.79 -15.16	35.12 1.82 -16.26	33.57 1.17 -21.03	29.04 1.42 -13.52
LIPA_MISC_IPP 23656	31.32 1.18 -18.36	24.20 1.01 -12.92	20.46 0.74 -12.30	21.35 0.70 -13.57	23.36 0.86 -13.54	28.10 1.15 -14.95	31.24 1.64 -13.32	37.04 1.87 -15.87	36.51 1.69 -17.56	33.72 2.26 -11.06	33.57 2.14 -12.18	33.56 2.13 -12.56	32.90 1.99 -12.86	33.58 1.85 -14.07	33.59 1.68 -15.88	36.20 1.53 -20.09	42.83 1.65 -24.85	58.48 1.97 -37.76	91.34 2.64 -63.03	55.39 2.14 -32.53	45.88 1.79 -26.58	35.27 1.86 -16.38	33.60 1.16 -21.07	29.13 1.48 -13.56
LISF__SOLAR 323691	31.35 1.20 -18.36	24.22 1.03 -12.92	20.48 0.76 -12.30	21.36 0.71 -13.57	23.37 0.87 -13.54	28.11 1.16 -14.95	31.28 1.68 -13.33	37.08 1.91 -15.87	36.55 1.74 -17.54	33.75 2.30 -11.05	33.58 2.17 -12.15	33.57 2.17 -12.53	32.92 2.02 -12.83	33.59 1.89 -14.05	33.61 1.72 -15.87	36.22 1.56 -20.08	42.85 1.68 -24.83	58.52 2.01 -37.76	91.11 2.69 -62.75	55.34 2.18 -32.43	45.84 1.84 -26.49	35.30 1.89 -16.38	33.62 1.18 -21.07	29.18 1.52 -13.56
LITTLE FALLS__HYD 24013	12.90 0.32 -0.80	11.21 0.28 -0.66	8.14 0.20 -0.53	7.86 0.19 -0.59	9.86 0.26 -0.65	13.17 0.37 -0.80	17.83 0.54 -1.02	21.17 0.68 -1.19	18.98 0.60 -1.11	22.11 0.71 -1.00	20.62 0.65 -0.71	20.22 0.64 -0.71	19.38 0.61 -0.71	18.94 0.55 -0.74	17.09 0.48 -0.59	15.60 0.44 -0.59	17.36 0.51 -0.52	20.09 0.45 -0.89	26.88 0.59 -0.63	21.95 0.46 -0.77	18.83 0.49 -0.82	18.50 0.51 -0.95	12.35 0.33 -0.65	15.08 0.39 -0.59
LITTLRIV_115KV_TB1 356100	3.96 -0.35 7.47	4.20 -0.28 5.80	3.90 -0.21 3.31	2.81 -0.22 4.05	3.14 -0.28 5.53	3.45 -0.49 8.05	6.52 -0.68 9.07	8.50 -0.75 10.05	6.90 -0.88 9.48	8.38 -1.12 10.90	11.54 -1.08 6.63	11.26 -1.11 6.50	10.80 -1.08 6.18	10.62 -1.04 6.00	12.13 -0.95 2.95	11.98 -0.89 1.71	16.07 -0.98 -0.71	18.97 -0.99 -1.21	25.16 -1.36 -0.85	16.38 -1.12 3.23	10.87 -0.89 5.75	7.92 -0.82 8.30	7.38 -0.43 3.56	8.85 -0.51 4.74
LI_NEWBRDGE__DRP 323616	31.10 0.95 -18.36	24.01 0.81 -12.92	20.31 0.59 -12.30	21.21 0.56 -13.57	23.18 0.68 -13.54	27.86 0.91 -14.95	30.88 1.29 -13.32	36.59 1.54 -15.75	34.33 1.43 -15.63	31.65 1.90 -9.36	29.47 1.83 -8.39	29.40 1.83 -8.69	29.36 1.70 -9.60	30.44 1.61 -11.18	31.59 1.46 -14.11	33.55 1.31 -17.66	39.95 1.40 -22.21	58.10 1.63 -37.71	54.50 2.26 -26.58	42.35 1.82 -19.79	33.45 1.49 -14.44	34.80 1.52 -16.26	33.33 0.93 -21.02	28.77 1.16 -13.51
LOCKPORT_115KV_TB60_63_64 80432	14.25 0.05 -2.43	12.54 0.02 -2.25	10.21 0.02 -2.77	9.99 0.06 -2.85	11.33 0.03 -2.34	14.06 0.06 -2.01	19.35 0.00 -3.08	23.08 -0.27 -4.05	21.08 -0.21 -4.02	22.00 -0.27 -1.88	21.10 -0.31 -2.16	20.90 -0.21 -2.24	20.28 -0.25 -2.47	20.34 -0.19 -2.88	19.48 -0.18 -3.63	18.99 -0.13 -4.54	21.87 -0.18 -5.71	28.08 -0.38 -9.70	32.12 -0.39 -6.84	25.57 -0.25 -5.09	21.11 -0.12 -3.71	19.95 -0.12 -3.04	15.07 0.06 -3.64	16.41 0.16 -2.16
LOCKPORT__CC1 323769	14.26 0.06 -2.43	12.54 0.02 -2.25	10.22 0.03 -2.77	9.99 0.06 -2.85	11.33 0.04 -2.34	14.06 0.06 -2.01	19.37 0.02 -3.08	23.08 -0.27 -4.05	21.07 -0.22 -4.03	22.03 -0.24 -1.88	21.10 -0.31 -2.16	20.92 -0.19 -2.24	20.28 -0.25 -2.48	20.36 -0.18 -2.88	19.50 -0.16 -3.64	19.01 -0.12 -4.55	21.88 -0.18 -5.72	28.09 -0.36 -9.70	32.12 -0.38 -6.84	25.57 -0.25 -5.09	21.07 -0.16 -3.71	19.95 -0.12 -3.04	15.07 0.06 -3.64	16.43 0.17 -2.16

LOCKPORT___CC2 323770	14.26 0.06 -2.43	12.54 0.02 -2.25	10.22 0.03 -2.77	9.99 0.06 -2.85	11.33 0.04 -2.34	14.06 0.06 -2.01	19.37 0.02 -3.08	23.08 -0.27 -4.05	21.07 -0.22 -4.03	22.03 -0.24 -1.88	21.10 -0.31 -2.16	20.92 -0.19 -2.24	20.28 -0.25 -2.48	20.36 -0.18 -2.88	19.50 -0.16 -3.64	19.01 -0.12 -4.55	21.88 -0.18 -5.72	28.09 -0.36 -9.70	32.12 -0.38 -6.84	25.57 -0.25 -5.09	21.07 -0.16 -3.71	19.95 -0.12 -3.04	15.07 0.06 -3.64	16.43 0.17 -2.16
LOCKPORT___CC3 323771	14.26 0.06 -2.43	12.54 0.02 -2.25	10.22 0.03 -2.77	9.99 0.06 -2.85	11.33 0.04 -2.34	14.06 0.06 -2.01	19.37 0.02 -3.08	23.08 -0.27 -4.05	21.07 -0.22 -4.03	22.03 -0.24 -1.88	21.10 -0.31 -2.16	20.92 -0.19 -2.24	20.28 -0.25 -2.48	20.36 -0.18 -2.88	19.50 -0.16 -3.64	19.01 -0.12 -4.55	21.88 -0.18 -5.72	28.09 -0.36 -9.70	32.12 -0.38 -6.84	25.57 -0.25 -5.09	21.07 -0.16 -3.71	19.95 -0.12 -3.04	15.07 0.06 -3.64	16.43 0.17 -2.16
LONG_LAKE_PHOENIX 24014	13.43 -0.02 -1.68	11.82 -0.01 -1.56	9.32 -0.01 -1.92	9.04 -0.01 -1.97	10.56 -0.02 -1.62	13.37 -0.01 -1.39	18.45 0.05 -2.13	22.12 0.02 -2.80	20.04 0.00 -2.78	21.69 0.00 -1.30	20.74 0.00 -1.49	20.40 -0.02 -1.55	19.77 0.00 -1.71	19.64 0.00 -1.99	18.52 -0.02 -2.51	17.75 0.03 -3.14	20.35 0.07 -3.95	25.44 -0.02 -6.71	30.42 0.03 -4.73	24.27 0.02 -3.52	20.14 0.05 -2.57	19.19 0.05 -2.10	13.94 0.05 -2.52	15.65 0.06 -1.50
LOVETT___3 23632	21.10 0.68 -8.64	18.88 0.59 -8.02	17.72 0.44 -9.87	17.62 0.41 -10.13	17.80 0.50 -8.35	19.77 0.64 -7.15	28.11 0.86 -10.97	34.86 1.14 -14.42	32.67 1.09 -14.32	28.44 1.37 -6.68	28.28 1.35 -7.68	28.17 1.34 -7.96	28.14 1.28 -8.79	29.13 1.24 -10.24	30.08 1.14 -12.92	31.75 1.01 -16.17	37.77 1.09 -20.34	54.57 1.28 -34.54	51.70 1.69 -24.34	40.22 1.37 -18.13	31.86 1.12 -13.22	28.96 1.11 -10.82	25.00 0.66 -12.97	22.61 0.82 -7.70
LOVETT___4 23642	21.10 0.68 -8.64	18.88 0.59 -8.02	17.72 0.44 -9.87	17.62 0.41 -10.13	17.80 0.50 -8.35	19.77 0.64 -7.15	28.11 0.86 -10.97	34.86 1.14 -14.42	32.67 1.09 -14.32	28.44 1.37 -6.68	28.28 1.35 -7.68	28.17 1.34 -7.96	28.14 1.28 -8.79	29.13 1.24 -10.24	30.08 1.14 -12.92	31.75 1.01 -16.17	37.77 1.09 -20.34	54.57 1.28 -34.54	51.70 1.69 -24.34	40.22 1.37 -18.13	31.86 1.12 -13.22	28.96 1.11 -10.82	25.00 0.66 -12.97	22.61 0.82 -7.70
LOVETT___5 23593	21.10 0.68 -8.64	18.88 0.59 -8.02	17.72 0.44 -9.87	17.62 0.41 -10.13	17.80 0.50 -8.35	19.77 0.64 -7.15	28.11 0.86 -10.97	34.86 1.14 -14.42	32.67 1.09 -14.32	28.44 1.37 -6.68	28.28 1.35 -7.68	28.17 1.34 -7.96	28.14 1.28 -8.79	29.13 1.24 -10.24	30.08 1.14 -12.92	31.75 1.01 -16.17	37.77 1.09 -20.34	54.57 1.28 -34.54	51.70 1.69 -24.34	40.22 1.37 -18.13	31.86 1.12 -13.22	28.96 1.11 -10.82	25.00 0.66 -12.97	22.61 0.82 -7.70
LOWER RAQUET___HYD 24057	3.82 -0.49 7.47	4.05 -0.42 5.80	3.80 -0.30 3.31	2.73 -0.30 4.05	3.01 -0.41 5.53	3.27 -0.67 8.05	6.25 -0.96 9.07	8.13 -1.12 10.05	6.54 -1.19 9.53	8.03 -1.45 10.92	11.24 -1.35 6.66	10.98 -1.36 6.53	10.53 -1.32 6.21	10.33 -1.29 6.03	11.86 -1.17 3.00	11.72 -1.09 1.76	15.75 -1.23 -0.64	18.67 -1.29 -1.21	24.73 -1.80 -0.85	16.05 -1.45 3.23	10.58 -1.19 5.75	7.64 -1.09 8.30	7.21 -0.60 3.56	8.65 -0.70 4.74
LOWER___HUDSON 24059	24.14 0.57 -11.79	21.72 0.50 -10.95	21.25 0.36 -13.47	21.26 0.35 -13.83	20.81 0.46 -11.40	22.37 0.62 -9.76	32.10 0.85 -14.97	40.05 1.06 -19.69	37.74 0.93 -19.55	30.57 1.06 -9.12	30.72 0.98 -10.49	30.69 0.94 -10.87	30.97 0.90 -12.01	32.54 0.90 -13.98	34.48 0.82 -17.64	37.40 0.74 -22.08	44.95 0.85 -27.77	66.86 0.96 -47.15	60.23 1.33 -33.23	46.53 1.06 -24.75	36.46 0.89 -18.05	32.66 0.85 -14.78	29.62 0.53 -17.71	25.27 0.66 -10.51
LOWVILLE_115KV_TB2 356335	10.59 -0.01 1.18	9.46 0.01 0.82	7.32 0.00 0.09	6.82 -0.01 0.25	8.24 0.02 0.73	10.58 0.01 1.42	15.01 0.11 1.38	18.15 0.21 1.37	15.92 0.07 1.41	18.10 0.02 2.31	18.02 -0.08 1.15	17.66 -0.11 1.10	16.98 -0.13 0.96	16.74 -0.11 0.81	16.09 -0.10 -0.16	15.21 -0.07 -0.71	17.92 -0.03 -1.62	21.52 0.02 -2.75	27.68 0.08 -1.94	21.31 0.06 -0.52	17.19 0.11 0.43	15.89 0.07 1.21	11.50 0.06 -0.08	13.54 0.03 0.58
LUTHERFT_115KV_GLOB_FND_222 355753	24.45 0.67 -12.00	22.00 0.59 -11.14	21.55 0.43 -13.71	21.57 0.42 -14.07	21.11 0.56 -11.60	22.70 0.78 -9.93	32.59 1.07 -15.24	40.69 1.35 -20.03	38.34 1.19 -19.89	31.04 1.37 -9.28	31.17 1.25 -10.67	31.14 1.21 -11.06	31.41 1.14 -12.21	33.03 1.15 -14.22	35.01 1.04 -17.95	38.00 0.96 -22.46	45.63 1.05 -28.25	67.95 1.22 -47.98	61.17 1.69 -33.81	47.24 1.33 -25.18	37.01 1.12 -18.37	33.09 1.02 -15.03	30.04 0.65 -18.02	25.58 0.79 -10.70
LUTHERNY_35_KV_BK2 355980	24.45 0.67 -12.00	22.01 0.60 -11.14	21.56 0.44 -13.71	21.58 0.42 -14.07	21.11 0.56 -11.60	22.70 0.78 -9.93	32.60 1.09 -15.24	40.70 1.37 -20.03	38.34 1.19 -19.89	31.04 1.37 -9.28	31.19 1.27 -10.67	31.14 1.21 -11.06	31.43 1.16 -12.21	33.04 1.17 -14.22	35.03 1.06 -17.95	38.00 0.96 -22.46	45.65 1.06 -28.25	67.95 1.22 -47.98	61.17 1.69 -33.81	47.26 1.35 -25.18	37.01 1.12 -18.37	33.10 1.04 -15.03	30.04 0.65 -18.02	25.58 0.79 -10.70
LWR___OSWEGATCHIE_HYD 23850	6.84 -0.33 4.61	6.48 -0.27 3.53	5.40 -0.20 1.81	4.59 -0.21 2.29	5.36 -0.25 3.34	6.53 -0.41 5.05	10.18 -0.52 5.57	12.65 -0.56 6.09	10.78 -0.66 5.83	12.49 -0.84 7.07	14.26 -0.83 4.17	13.95 -0.85 4.07	13.41 -0.83 3.82	13.20 -0.81 3.64	13.79 -0.74 1.49	13.38 -0.67 0.53	16.85 -0.74 -1.25	20.15 -0.73 -2.13	26.17 -1.00 -1.50	18.48 -0.81 1.44	13.59 -0.63 3.29	11.37 -0.60 5.07	9.19 -0.33 1.85	10.85 -0.41 2.84
LYONS_FALL_HYD 23570	11.48 0.09 0.39	10.16 0.10 0.21	7.72 0.07 -0.24	7.29 0.05 -0.16	8.89 0.10 0.16	11.56 0.13 0.57	16.11 0.26 0.42	19.37 0.39 0.32	17.09 0.26 0.43	19.54 0.26 1.11	18.95 0.15 0.45	18.59 0.13 0.41	17.85 0.11 0.32	17.60 0.14 0.20	16.53 0.11 -0.40	15.47 0.12 -0.78	17.88 0.16 -1.38	21.46 0.21 -2.50	27.76 0.33 -1.76	21.79 0.25 -0.81	17.94 0.26 -0.16	16.92 0.22 0.34	11.94 0.15 -0.42	14.15 0.14 0.09
MADISON___COUNTY_LFGE 323628	13.07 0.34 -0.95	11.47 0.32 -0.88	8.73 0.22 -1.09	8.40 0.20 -1.12	10.16 0.29 -0.92	13.18 0.40 -0.79	18.12 0.63 -1.21	21.70 0.81 -1.59	19.53 0.69 -1.58	21.90 0.77 -0.74	20.75 0.65 -0.85	20.39 0.64 -0.88	19.63 0.60 -0.97	19.39 0.60 -1.13	17.98 0.53 -1.42	16.87 0.51 -1.78	19.20 0.62 -2.24	23.23 0.68 -3.81	29.30 0.95 -2.68	23.49 0.77 -2.00	19.68 0.70 -1.46	18.87 0.65 -1.19	13.21 0.41 -1.43	15.41 0.47 -0.85
MALONE___115KV_TB1 356076	1.94 -0.57 9.27	2.52 -0.49 7.25	2.69 -0.36 4.37	1.46 -0.36 5.26	1.54 -0.46 6.95	1.43 -0.66 9.91	4.06 -0.93 11.29	5.48 -1.22 12.60	4.22 -1.19 11.85	5.77 -1.41 13.22	9.92 -1.14 8.20	9.63 -1.19 8.05	9.25 -1.10 7.70	8.96 -1.15 7.55	10.97 -1.01 4.04	10.90 -0.98 2.70	15.24 -1.09 0.00	17.70 -1.05 0.00	24.13 -1.54 0.00	14.85 -1.26 4.61	9.00 -1.10 7.42	5.58 -1.09 10.36	5.88 -0.70 4.79	7.23 -0.89 5.98

MAPLEWOD_115KV_TB3 80458	23.98 0.52 -11.69	21.57 0.45 -10.85	21.08 0.32 -13.35	21.10 0.31 -13.70	20.65 0.40 -11.29	22.21 0.55 -9.67	31.86 0.75 -14.84	39.74 0.93 -19.51	37.44 0.81 -19.37	30.34 0.92 -9.03	30.49 0.85 -10.39	30.45 0.81 -10.77	30.73 0.78 -11.90	32.28 0.78 -13.85	34.20 0.71 -17.48	37.09 0.64 -21.87	44.58 0.74 -27.51	66.32 0.84 -46.72	59.75 1.16 -32.92	46.18 0.93 -24.52	36.21 0.81 -17.89	32.42 0.75 -14.64	29.41 0.49 -17.55	25.12 0.61 -10.42
MAPLE_RIDGE_WT_1 323574	-3.78 -0.58 14.98	-1.95 -0.50 11.72	0.00 -0.36 7.05	-1.76 -0.35 8.50	-2.72 -0.44 11.24	-4.60 -0.59 16.00	-10.00 -0.88 25.40	-10.00 -0.95 28.36	-10.00 -0.76 26.50	-10.00 -0.84 29.56	0.00 -0.92 18.33	0.00 -0.87 18.00	0.00 -0.83 17.23	0.00 -0.78 16.88	6.27 -0.72 9.03	7.93 -0.61 6.04	15.68 -0.65 0.00	18.02 -0.73 0.00	24.61 -1.05 0.00	9.42 -0.93 10.38	0.00 -0.82 16.69	-7.09 -0.80 23.32	0.00 -0.59 10.78	-0.08 -0.72 13.46
MAPLE_RIDGE_WT_2 323611	-3.78 -0.58 14.98	-1.95 -0.50 11.72	0.00 -0.36 7.05	-1.76 -0.35 8.50	-2.72 -0.44 11.24	-4.60 -0.59 16.00	-10.00 -0.88 25.40	-10.00 -0.95 28.36	-10.00 -0.76 26.50	-10.00 -0.84 29.56	0.00 -0.92 18.33	0.00 -0.87 18.00	0.00 -0.83 17.23	0.00 -0.78 16.88	6.27 -0.72 9.03	7.93 -0.61 6.04	15.68 -0.65 0.00	18.02 -0.73 0.00	24.61 -1.05 0.00	9.42 -0.93 10.38	0.00 -0.82 16.69	-7.09 -0.80 23.32	0.00 -0.59 10.78	-0.08 -0.72 13.46
MARBLE_RIVER_WT_PWR 323696	1.17 -0.61 9.99	1.90 -0.55 7.82	2.32 -0.39 4.71	1.01 -0.40 5.67	0.95 -0.51 7.50	0.61 -0.71 10.68	3.10 -1.01 12.16	4.37 -1.35 13.58	3.22 -1.29 12.75	4.65 -1.53 14.22	9.24 -1.19 8.82	8.99 -1.23 8.66	8.65 -1.12 8.29	8.37 -1.17 8.12	10.67 -1.01 4.34	10.70 -0.98 2.90	15.24 -1.09 0.00	17.70 -1.05 0.00	24.13 -1.54 0.00	14.45 -1.31 4.97	8.33 -1.19 8.00	4.69 -1.18 11.17	5.42 -0.78 5.16	6.65 -1.00 6.45
MARSHVLE_115KV_TB1 80742	27.06 0.57 -14.71	24.44 0.51 -13.66	24.57 0.35 -16.81	24.67 0.33 -17.25	23.62 0.45 -14.22	24.81 0.65 -12.17	35.95 0.99 -18.68	45.19 1.33 -24.56	42.79 1.14 -24.38	33.05 1.28 -11.37	33.47 1.14 -13.08	33.49 1.06 -13.56	34.03 0.99 -14.98	36.01 0.92 -17.44	38.87 0.85 -22.00	42.92 0.80 -27.54	51.94 0.96 -34.64	78.83 1.26 -58.82	68.89 1.77 -41.45	52.99 1.39 -30.87	41.16 1.12 -22.52	36.54 1.07 -18.43	34.10 0.64 -22.09	27.94 0.73 -13.11
MARSH_HILL_WT_PWR 323713	15.04 0.31 -2.96	13.28 0.27 -2.75	11.00 0.20 -3.38	10.76 0.21 -3.47	12.06 0.25 -2.86	14.81 0.37 -2.45	20.62 0.59 -3.76	24.82 0.58 -4.94	22.65 0.48 -4.91	23.28 0.59 -2.29	22.39 0.50 -2.63	22.13 0.53 -2.73	21.54 0.47 -3.02	21.64 0.48 -3.51	20.85 0.40 -4.43	20.59 0.47 -5.55	23.93 0.62 -6.97	31.14 0.56 -11.82	34.90 0.90 -8.33	27.74 0.81 -6.21	22.69 0.65 -4.53	21.30 0.56 -3.71	16.22 0.41 -4.44	17.24 0.51 -2.64
MCINTYRE_115KV_TB2 80467	4.09 -0.22 7.47	4.31 -0.16 5.80	3.97 -0.13 3.31	2.88 -0.15 4.05	3.25 -0.17 5.53	3.59 -0.35 8.05	6.75 -0.46 9.07	8.79 -0.46 10.05	7.13 -0.66 9.48	8.62 -0.88 10.90	11.71 -0.90 6.63	11.45 -0.92 6.50	10.96 -0.92 6.18	10.78 -0.88 6.00	12.29 -0.79 2.95	12.14 -0.73 1.71	16.25 -0.80 -0.71	19.25 -0.71 -1.21	25.57 -0.95 -0.85	16.71 -0.79 3.23	11.14 -0.63 5.75	8.14 -0.60 8.30	7.53 -0.28 3.56	9.00 -0.35 4.74
MECO____69_KV_BK1 80468	26.65 0.88 -13.98	24.04 0.79 -12.98	23.92 0.53 -15.97	24.00 0.52 -16.40	23.16 0.69 -13.51	24.56 1.00 -11.57	35.53 1.50 -17.75	44.61 1.97 -23.34	42.16 1.73 -23.17	33.14 1.94 -10.81	33.42 1.73 -12.43	33.36 1.60 -12.89	33.85 1.55 -14.23	35.76 1.54 -16.57	38.36 1.43 -20.91	42.14 1.38 -26.17	50.89 1.63 -32.92	76.38 1.73 -55.90	67.45 2.39 -39.40	51.93 1.87 -29.34	40.66 1.73 -21.40	36.10 1.55 -17.52	33.32 0.96 -21.00	27.66 1.10 -12.46
MENANDS__115KV_TB5 355628	23.90 0.46 -11.66	21.51 0.41 -10.82	21.03 0.29 -13.32	21.03 0.28 -13.67	20.58 0.36 -11.27	22.14 0.50 -9.65	31.75 0.67 -14.80	39.58 0.81 -19.46	37.30 0.71 -19.33	30.20 0.80 -9.01	30.35 0.73 -10.37	30.34 0.72 -10.75	30.62 0.69 -11.87	32.16 0.69 -13.82	34.09 0.62 -17.44	36.96 0.55 -21.83	44.42 0.64 -27.45	66.10 0.73 -46.62	59.52 1.00 -32.85	46.00 0.81 -24.47	36.07 0.70 -17.85	32.30 0.66 -14.61	29.31 0.43 -17.51	25.04 0.55 -10.39
MG INDUSTRY__DRP 24185	23.64 0.48 -11.38	21.26 0.42 -10.56	20.71 0.30 -13.00	20.72 0.29 -13.34	20.33 0.38 -11.00	21.92 0.52 -9.41	31.39 0.67 -14.45	39.01 0.71 -19.00	36.74 0.62 -18.86	29.88 0.69 -8.80	30.00 0.64 -10.12	29.96 0.60 -10.49	30.22 0.58 -11.58	31.74 0.60 -13.49	33.59 0.54 -17.02	36.36 0.48 -21.30	43.68 0.56 -26.79	62.59 0.62 -43.22	56.97 0.85 -30.46	45.31 0.70 -23.88	35.55 0.61 -17.42	31.87 0.58 -14.26	28.90 0.44 -17.09	24.80 0.56 -10.14
MID__OSWEGATCHIE_HYD 23849	6.84 -0.33 4.61	6.48 -0.27 3.53	5.40 -0.20 1.81	4.59 -0.21 2.29	5.36 -0.25 3.34	6.53 -0.41 5.05	10.18 -0.52 5.57	12.65 -0.56 6.09	10.78 -0.66 5.83	12.49 -0.84 7.07	14.26 -0.83 4.17	13.95 -0.85 4.07	13.41 -0.83 3.82	13.20 -0.81 3.64	13.79 -0.74 1.49	13.38 -0.67 0.53	16.85 -0.74 -1.25	20.15 -0.73 -2.13	26.17 -1.00 -1.50	18.48 -0.81 1.44	13.59 -0.63 3.29	11.37 -0.60 5.07	9.19 -0.33 1.85	10.85 -0.41 2.84
MID__RAQUETTE_HYD 23851	3.82 -0.49 7.47	4.05 -0.42 5.80	3.80 -0.30 3.31	2.73 -0.30 4.05	3.01 -0.41 5.53	3.27 -0.67 8.05	6.25 -0.96 9.07	8.13 -1.12 10.05	6.59 -1.19 9.48	8.05 -1.45 10.90	11.27 -1.35 6.63	11.01 -1.36 6.50	10.56 -1.32 6.18	10.37 -1.29 6.00	11.90 -1.17 2.95	11.78 -1.09 1.71	15.82 -1.23 -0.71	18.67 -1.29 -1.21	24.73 -1.80 -0.85	16.05 -1.45 3.23	10.58 -1.19 5.75	7.64 -1.09 8.30	7.21 -0.60 3.56	8.65 -0.70 4.74
MILLIKEN__1 23584	15.17 0.46 -2.93	13.40 0.41 -2.72	11.05 0.29 -3.35	10.80 0.28 -3.44	12.13 0.35 -2.83	14.90 0.48 -2.42	20.78 0.78 -3.72	25.12 0.93 -4.89	22.91 0.79 -4.86	23.60 0.94 -2.27	22.70 0.85 -2.61	22.37 0.79 -2.70	21.80 0.76 -2.98	21.89 0.76 -3.47	21.10 0.69 -4.38	20.75 0.69 -5.49	24.08 0.85 -6.90	31.37 0.90 -11.72	35.24 1.31 -8.26	27.94 1.06 -6.15	22.88 0.88 -4.49	21.52 0.82 -3.67	16.31 0.53 -4.40	17.37 0.66 -2.61
MILLIKEN__2 23585	15.17 0.46 -2.93	13.40 0.41 -2.72	11.05 0.29 -3.35	10.80 0.28 -3.44	12.13 0.35 -2.83	14.90 0.48 -2.42	20.78 0.78 -3.72	25.12 0.93 -4.89	22.91 0.79 -4.86	23.60 0.94 -2.27	22.70 0.85 -2.61	22.37 0.79 -2.70	21.80 0.76 -2.98	21.89 0.76 -3.47	21.10 0.69 -4.38	20.75 0.69 -5.49	24.08 0.85 -6.90	31.37 0.90 -11.72	35.24 1.31 -8.26	27.94 1.06 -6.15	22.88 0.88 -4.49	21.52 0.82 -3.67	16.31 0.53 -4.40	17.37 0.66 -2.61
MILLIKEN__DIESEL 23629	15.17 0.46 -2.93	13.40 0.41 -2.72	11.05 0.29 -3.35	10.80 0.28 -3.44	12.13 0.35 -2.83	14.90 0.48 -2.42	20.78 0.78 -3.72	25.12 0.93 -4.89	22.91 0.79 -4.86	23.60 0.94 -2.27	22.70 0.85 -2.61	22.37 0.79 -2.70	21.80 0.76 -2.98	21.89 0.76 -3.47	21.10 0.69 -4.38	20.75 0.69 -5.49	24.08 0.85 -6.90	31.37 0.90 -11.72	35.24 1.31 -8.26	27.94 1.06 -6.15	22.88 0.88 -4.49	21.52 0.82 -3.67	16.31 0.53 -4.40	17.37 0.66 -2.61

MILLSEAT___LFGE 323607	14.38 0.21 -2.39	12.65 0.15 -2.22	10.28 0.13 -2.73	10.04 0.15 -2.81	11.43 0.16 -2.31	14.20 0.23 -1.98	19.57 0.26 -3.03	23.39 0.10 -3.99	21.39 0.16 -3.97	22.39 0.14 -1.85	21.42 0.04 -2.13	21.18 0.09 -2.21	20.56 0.05 -2.44	20.60 0.11 -2.84	19.72 0.11 -3.59	19.20 0.13 -4.49	22.08 0.10 -5.64	28.31 0.00 -9.56	32.59 0.18 -6.74	25.95 0.21 -5.02	21.37 0.19 -3.66	20.22 0.19 -3.00	15.20 0.24 -3.59	16.59 0.37 -2.13
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.95 0.80 -9.37	19.65 0.68 -8.70	18.62 0.50 -10.70	18.54 0.47 -10.99	18.58 0.57 -9.05	20.50 0.76 -7.75	29.21 1.04 -11.90	36.29 1.35 -15.64	34.07 1.28 -15.53	29.25 1.61 -7.24	29.16 1.58 -8.33	29.09 1.59 -8.64	29.10 1.50 -9.54	30.21 1.45 -11.10	31.35 1.31 -14.01	33.30 1.18 -17.54	39.65 1.26 -22.06	57.67 1.46 -37.46	54.04 1.98 -26.40	41.98 1.60 -19.66	33.14 1.28 -14.34	30.05 1.28 -11.74	26.21 0.77 -14.07	23.41 0.96 -8.35
MILLWOOD_13_KV_LOAD 356217	21.97 0.82 -9.37	19.67 0.70 -8.70	18.63 0.51 -10.70	18.56 0.49 -10.99	18.60 0.59 -9.05	20.51 0.77 -7.75	29.23 1.06 -11.90	36.33 1.39 -15.64	34.10 1.31 -15.53	29.29 1.65 -7.24	29.22 1.64 -8.33	29.13 1.62 -8.64	29.15 1.55 -9.54	30.26 1.50 -11.10	31.40 1.36 -14.01	33.34 1.22 -17.54	39.70 1.31 -22.06	57.71 1.50 -37.46	54.12 2.05 -26.40	42.03 1.64 -19.66	33.19 1.33 -14.34	30.08 1.31 -11.74	26.23 0.78 -14.07	23.42 0.97 -8.35
MODEL_CITY_ENERGY 24167	14.19 -0.05 -2.46	12.49 -0.06 -2.28	10.19 -0.04 -2.81	9.96 0.00 -2.88	11.28 -0.04 -2.37	13.98 -0.05 -2.03	19.24 -0.15 -3.12	22.90 -0.50 -4.10	20.91 -0.43 -4.08	21.81 -0.49 -1.90	20.92 -0.52 -2.19	20.74 -0.40 -2.27	20.11 -0.45 -2.51	20.20 -0.37 -2.92	19.37 -0.34 -3.68	18.91 -0.28 -4.61	21.77 -0.36 -5.79	27.99 -0.58 -9.82	31.90 -0.69 -6.92	25.38 -0.50 -5.15	20.93 -0.35 -3.76	19.82 -0.29 -3.08	15.00 -0.06 -3.69	16.31 0.03 -2.19
MODERN_LFGE___ 323580	14.19 -0.05 -2.46	12.49 -0.06 -2.28	10.19 -0.04 -2.81	9.96 0.00 -2.88	11.28 -0.04 -2.37	13.98 -0.05 -2.03	19.24 -0.15 -3.12	22.90 -0.50 -4.10	20.91 -0.43 -4.08	21.81 -0.49 -1.90	20.92 -0.52 -2.19	20.74 -0.40 -2.27	20.11 -0.45 -2.51	20.20 -0.37 -2.92	19.37 -0.34 -3.68	18.91 -0.28 -4.61	21.77 -0.36 -5.79	27.99 -0.58 -9.82	31.90 -0.69 -6.92	25.38 -0.50 -5.15	20.93 -0.35 -3.76	19.82 -0.29 -3.08	15.00 -0.06 -3.69	16.31 0.03 -2.19
MOHAWK_PAPER___DRP 24187	23.98 0.52 -11.69	21.57 0.45 -10.85	21.08 0.32 -13.35	21.10 0.31 -13.70	20.65 0.40 -11.29	22.21 0.55 -9.67	31.86 0.75 -14.84	39.74 0.93 -19.51	37.44 0.81 -19.37	30.34 0.92 -9.03	30.49 0.85 -10.39	30.45 0.81 -10.77	30.73 0.78 -11.90	32.28 0.78 -13.85	34.20 0.71 -17.48	37.09 0.64 -21.87	44.58 0.74 -27.51	66.32 0.84 -46.72	59.75 1.16 -32.92	46.18 0.93 -24.52	36.21 0.81 -17.89	32.42 0.75 -14.64	29.41 0.49 -17.55	25.12 0.61 -10.42
MOHICAN___35_KV_115KV_LD 80490	24.47 0.68 -12.01	22.02 0.60 -11.15	21.60 0.47 -13.72	21.62 0.45 -14.08	21.20 0.64 -11.61	22.85 0.92 -9.94	32.83 1.30 -15.25	40.99 1.64 -20.05	38.60 1.43 -19.91	31.31 1.63 -9.28	31.43 1.50 -10.68	31.36 1.42 -11.07	31.62 1.34 -12.23	33.23 1.34 -14.23	35.20 1.22 -17.96	38.18 1.12 -22.48	45.79 1.18 -28.28	68.10 1.33 -48.02	61.36 1.85 -33.84	47.38 1.45 -25.20	37.11 1.21 -18.38	33.15 1.07 -15.05	30.08 0.67 -18.04	25.61 0.80 -10.71
MONGAUP___HYD 23641	20.75 0.72 -8.25	18.53 0.61 -7.66	17.27 0.43 -9.42	17.17 0.41 -9.67	17.43 0.50 -7.97	19.45 0.64 -6.82	27.58 0.83 -10.47	34.17 1.10 -13.77	31.95 1.02 -13.67	27.99 1.22 -6.38	27.78 1.19 -7.33	27.65 1.17 -7.60	27.60 1.14 -8.40	28.55 1.11 -9.78	29.39 1.03 -12.34	30.94 0.92 -15.44	36.75 1.00 -19.42	52.93 1.20 -32.98	50.47 1.57 -23.24	39.34 1.31 -17.31	31.30 1.16 -12.63	28.49 1.12 -10.33	24.40 0.65 -12.39	22.27 0.82 -7.35
MONTAUK___DIESEL 23721	31.71 1.57 -18.36	24.53 1.34 -12.92	20.71 0.99 -12.30	21.58 0.93 -13.57	23.65 1.15 -13.54	28.48 1.53 -14.95	31.84 2.25 -13.32	37.85 2.68 -15.87	37.25 2.43 -17.55	34.55 3.10 -11.06	34.43 3.00 -12.18	34.41 2.98 -12.55	33.68 2.76 -12.85	34.35 2.63 -14.06	34.29 2.39 -15.88	36.87 2.20 -20.09	43.61 2.43 -24.84	59.38 2.87 -37.76	92.60 3.95 -62.98	56.43 3.19 -32.51	46.71 2.63 -26.56	36.02 2.61 -16.38	34.06 1.63 -21.07	29.67 2.02 -13.56
MOONROAD_115KV_HARTFLD_TB1-2 355988	14.27 -0.18 -2.67	12.58 -0.16 -2.48	10.35 -0.12 -3.05	10.13 -0.08 -3.13	11.41 -0.13 -2.58	14.08 -0.12 -2.21	19.57 -0.10 -3.39	23.60 -0.15 -4.46	21.51 -0.17 -4.42	22.33 -0.12 -2.06	21.47 -0.15 -2.37	21.29 -0.04 -2.46	20.65 -0.13 -2.72	20.77 -0.05 -3.16	19.95 -0.06 -3.99	19.60 0.03 -5.00	22.70 0.08 -6.28	29.48 0.06 -10.67	33.45 0.26 -7.52	26.56 0.23 -5.60	21.74 0.14 -4.09	20.43 0.05 -3.34	15.49 0.11 -4.01	16.63 0.16 -2.38
MORTIMER_115KV_TB3 55949	14.22 0.21 -2.23	12.50 0.16 -2.07	10.09 0.13 -2.55	9.83 0.13 -2.61	11.27 0.16 -2.15	14.08 0.24 -1.84	19.46 0.36 -2.83	23.31 0.29 -3.72	21.28 0.33 -3.69	22.44 0.33 -1.72	21.46 0.23 -1.98	21.19 0.26 -2.05	20.56 0.23 -2.27	20.56 0.26 -2.64	19.60 0.24 -3.33	19.03 0.28 -4.17	21.86 0.28 -5.25	27.93 0.26 -8.91	32.41 0.46 -6.28	25.82 0.41 -4.68	21.28 0.35 -3.41	20.13 0.31 -2.79	14.99 0.27 -3.35	16.46 0.38 -1.99
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.09 0.87 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.61 0.82 -7.81	29.39 1.14 -11.98	36.52 1.47 -15.75	34.30 1.40 -15.64	29.48 1.79 -7.29	29.41 1.77 -8.39	29.34 1.77 -8.70	29.36 1.70 -9.60	30.46 1.62 -11.18	31.62 1.49 -14.11	33.57 1.33 -17.66	39.94 1.39 -22.21	58.11 1.63 -37.72	54.43 2.18 -26.59	42.29 1.76 -19.80	33.36 1.40 -14.44	30.27 1.41 -11.82	26.40 0.86 -14.17	23.58 1.07 -8.41
MUNSVILLE_WIND_PWR 323609	16.35 0.79 -3.79	14.53 0.75 -3.51	12.26 0.52 -4.32	12.00 0.48 -4.44	13.30 0.69 -3.66	16.09 0.97 -3.13	22.61 1.53 -4.81	27.63 2.01 -6.32	25.23 1.69 -6.28	25.28 1.96 -2.93	24.26 1.64 -3.37	23.91 1.55 -3.49	23.34 1.43 -3.86	23.60 1.45 -4.49	23.02 1.33 -5.67	22.97 1.30 -7.09	26.81 1.55 -8.92	35.74 1.86 -15.13	38.98 2.64 -10.67	30.74 2.07 -7.94	25.03 1.72 -5.79	23.34 1.57 -4.74	18.07 1.01 -5.68	18.65 1.18 -3.37
N SALMON___HYD 24042	1.94 -0.57 9.27	2.52 -0.49 7.25	2.69 -0.36 4.37	1.46 -0.36 5.26	1.54 -0.46 6.95	1.43 -0.66 9.91	4.06 -0.93 11.29	5.50 -1.20 12.60	4.22 -1.19 11.85	5.77 -1.41 13.22	9.92 -1.14 8.20	9.63 -1.19 8.05	9.25 -1.10 7.70	8.96 -1.15 7.55	10.98 -1.01 4.04	10.90 -0.98 2.70	15.24 -1.09 0.00	17.70 -1.05 0.00	24.13 -1.54 0.00	14.85 -1.27 4.61	9.00 -1.10 7.42	5.58 -1.09 10.36	5.88 -0.70 4.79	7.23 -0.89 5.98
N.AKRON___115KV_KNAPP 355671	14.39 0.21 -2.40	12.66 0.16 -2.23	10.28 0.13 -2.74	10.05 0.15 -2.81	11.43 0.16 -2.32	14.22 0.24 -1.99	19.59 0.28 -3.04	23.41 0.10 -4.01	21.40 0.16 -3.98	22.39 0.14 -1.86	21.42 0.04 -2.13	21.18 0.09 -2.21	20.56 0.05 -2.44	20.61 0.11 -2.84	19.72 0.11 -3.59	19.20 0.13 -4.49	22.08 0.10 -5.65	28.33 -0.02 -9.59	32.56 0.13 -6.76	25.95 0.19 -5.04	21.40 0.21 -3.67	20.23 0.19 -3.01	15.21 0.24 -3.60	16.60 0.37 -2.14

N.BELMOR_69_KV_BK1 55787	31.20 1.06 -18.36	24.10 0.90 -12.92	20.37 0.65 -12.30	21.27 0.62 -13.57	23.26 0.76 -13.54	27.95 1.01 -14.95	31.03 1.43 -13.32	36.77 1.72 -15.75	34.50 1.61 -15.63	31.83 2.08 -9.36	29.66 2.02 -8.39	29.57 2.00 -8.69	29.52 1.86 -9.60	30.60 1.77 -11.18	31.73 1.60 -14.11	33.69 1.46 -17.66	40.08 1.54 -22.21	58.27 1.80 -37.71	54.76 2.52 -26.58	42.55 2.03 -19.79	33.64 1.68 -14.44	34.98 1.69 -16.26	33.45 1.06 -21.02	28.91 1.30 -13.51
N.E_GEN_SANDY PD 24062	22.93 0.65 -10.51	20.60 0.57 -9.75	19.84 0.42 -12.00	19.80 0.40 -12.32	19.60 0.49 -10.15	21.34 0.66 -8.69	30.49 0.88 -13.34	37.98 1.14 -17.54	35.68 1.00 -17.42	29.70 1.18 -8.12	29.69 1.10 -9.34	29.65 1.09 -9.69	29.80 1.05 -10.70	31.13 1.02 -12.45	32.65 0.91 -15.72	35.08 0.83 -19.67	42.02 0.95 -24.74	61.85 1.09 -42.01	56.76 1.49 -29.61	44.00 1.22 -22.05	34.60 1.00 -16.08	31.18 0.99 -13.16	27.76 0.61 -15.78	24.22 0.76 -9.37
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.12 0.71 -8.63	18.89 0.61 -8.01	17.72 0.44 -9.86	17.63 0.42 -10.12	17.81 0.51 -8.34	19.79 0.66 -7.14	28.13 0.90 -10.96	34.89 1.18 -14.41	32.67 1.10 -14.31	28.45 1.39 -6.67	28.29 1.37 -7.68	28.21 1.38 -7.96	28.17 1.32 -8.79	29.16 1.27 -10.23	30.09 1.15 -12.91	31.77 1.04 -16.16	37.79 1.13 -20.32	54.56 1.29 -34.51	51.71 1.72 -24.32	40.25 1.41 -18.11	31.89 1.16 -13.21	28.99 1.14 -10.82	25.02 0.68 -12.96	22.64 0.85 -7.69
N.QUEENS_27_KV_LOAD 356247	22.09 0.87 -9.44	19.74 0.71 -8.76	18.76 0.56 -10.78	18.66 0.52 -11.06	18.68 0.61 -9.12	20.51 0.71 -7.81	29.25 0.99 -11.98	36.37 1.31 -15.75	34.21 1.31 -15.64	29.38 1.69 -7.29	29.35 1.71 -8.39	29.36 1.79 -8.70	29.38 1.72 -9.60	30.48 1.64 -11.18	31.64 1.51 -14.11	33.57 1.33 -17.66	39.84 1.29 -22.21	58.07 1.59 -37.72	54.36 2.10 -26.59	42.19 1.66 -19.80	33.26 1.30 -14.44	30.16 1.31 -11.82	26.33 0.78 -14.17	23.54 1.03 -8.41
N.TROY___115KV_TB1 355778	24.14 0.57 -11.79	21.72 0.50 -10.95	21.25 0.36 -13.47	21.26 0.35 -13.83	20.81 0.46 -11.40	22.37 0.62 -9.76	32.10 0.85 -14.97	40.05 1.06 -19.69	37.74 0.93 -19.55	30.57 1.06 -9.12	30.72 0.98 -10.49	30.69 0.94 -10.87	30.97 0.90 -12.01	32.53 0.90 -13.98	34.48 0.82 -17.64	37.40 0.74 -22.08	44.95 0.85 -27.77	66.86 0.96 -47.15	60.23 1.33 -33.23	46.53 1.06 -24.75	36.46 0.89 -18.05	32.66 0.85 -14.78	29.62 0.53 -17.71	25.27 0.66 -10.51
NARROWS_GT1_1 24228	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT1_2 24229	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT1_3 24230	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT1_4 24231	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT1_5 24232	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT1_6 24233	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT1_7 24234	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT1_8 24235	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT2_1 24236	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT2_2 24237	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41

NARROWS_GT2_3 24238	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT2_4 24239	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT2_5 24240	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT2_6 24241	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT2_7 24242	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NARROWS_GT2_8 24243	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.19 0.48 -10.93	20.85 0.43 -10.15	20.18 0.28 -12.49	20.18 0.28 -12.82	19.88 0.37 -10.56	21.53 0.49 -9.04	30.71 0.55 -13.88	38.13 0.58 -18.24	35.86 0.48 -18.11	29.25 0.41 -8.45	29.33 0.37 -9.72	29.25 0.30 -10.07	29.53 0.34 -11.13	30.98 0.37 -12.95	32.70 0.34 -16.34	35.34 0.31 -20.46	42.49 0.42 -25.73	60.19 0.58 -40.86	55.32 0.85 -28.80	44.26 0.60 -22.93	34.81 0.56 -16.73	31.24 0.51 -13.69	28.18 0.40 -16.41	24.35 0.51 -9.74
NCHELSEA_115KV_TR2 355582	21.92 0.81 -9.33	19.62 0.69 -8.66	18.57 0.50 -10.65	18.49 0.47 -10.94	18.54 0.57 -9.01	20.44 0.73 -7.72	29.09 0.98 -11.84	36.16 1.29 -15.57	33.93 1.21 -15.46	29.07 1.47 -7.21	29.01 1.46 -8.29	28.92 1.45 -8.60	28.94 1.39 -9.49	30.07 1.36 -11.05	31.20 1.23 -13.95	33.14 1.11 -17.46	39.50 1.21 -21.96	57.46 1.43 -37.28	53.82 1.87 -26.28	41.81 1.51 -19.57	33.07 1.28 -14.27	29.99 1.28 -11.68	26.11 0.74 -14.00	23.34 0.93 -8.31
NEG CAPITAL___MECHNVIL 23645	24.39 0.67 -11.94	21.94 0.59 -11.09	21.49 0.43 -13.64	21.50 0.41 -14.00	21.05 0.56 -11.54	22.64 0.77 -9.88	32.49 1.06 -15.16	40.57 1.33 -19.94	38.23 1.17 -19.79	30.97 1.35 -9.23	31.10 1.23 -10.62	31.07 1.19 -11.01	31.36 1.14 -12.16	32.94 1.13 -14.15	34.91 1.03 -17.86	37.88 0.95 -22.36	45.51 1.06 -28.12	67.72 1.22 -47.74	61.01 1.69 -33.65	47.11 1.33 -25.06	36.92 1.12 -18.28	33.01 1.02 -14.96	29.95 0.65 -17.93	25.53 0.79 -10.64
NEG CENTRAL_HIGH_ACRES 23767	13.95 -0.04 -2.20	12.28 -0.04 -2.05	9.91 -0.02 -2.52	9.65 -0.01 -2.58	11.07 -0.02 -2.13	13.80 -0.01 -1.82	19.11 0.03 -2.80	22.94 -0.04 -3.68	20.94 0.02 -3.66	22.08 -0.02 -1.71	21.14 -0.08 -1.96	20.85 -0.06 -2.04	20.26 -0.05 -2.25	20.24 -0.04 -2.62	19.30 -0.03 -3.30	18.74 0.03 -4.14	21.55 0.02 -5.20	27.51 -0.06 -8.81	31.90 0.03 -6.21	25.39 0.04 -4.62	20.91 0.02 -3.37	19.79 0.00 -2.76	14.73 0.05 -3.31	16.15 0.09 -1.96
NEG CENTRAL___DRP 24199	14.41 0.29 -2.34	12.70 0.26 -2.17	10.27 0.19 -2.67	10.01 0.18 -2.74	11.45 0.23 -2.26	14.25 0.32 -1.93	19.81 0.57 -2.97	23.84 0.64 -3.90	21.71 0.57 -3.87	22.85 0.65 -1.81	21.93 0.60 -2.08	21.59 0.57 -2.15	20.98 0.54 -2.38	20.96 0.53 -2.77	20.00 0.48 -3.50	19.45 0.50 -4.38	22.46 0.62 -5.50	28.72 0.62 -9.35	33.18 0.92 -6.59	26.40 0.77 -4.90	21.73 0.63 -3.58	20.52 0.56 -2.93	15.27 0.39 -3.51	16.66 0.48 -2.08
NEG CENTRAL___INDECK 23768	15.01 0.55 -2.67	13.21 0.46 -2.48	10.81 0.34 -3.05	10.55 0.33 -3.13	11.97 0.43 -2.58	14.80 0.60 -2.21	20.58 0.91 -3.39	24.77 1.00 -4.46	22.60 0.90 -4.44	23.34 0.88 -2.07	22.32 0.69 -2.38	22.00 0.66 -2.47	21.42 0.63 -2.73	21.46 0.63 -3.17	20.60 0.58 -4.00	20.22 0.63 -5.01	23.44 0.80 -6.30	30.37 0.94 -10.68	34.71 1.51 -7.53	27.64 1.31 -5.61	22.68 1.07 -4.09	21.33 0.95 -3.35	16.04 0.66 -4.01	17.31 0.83 -2.38
NEG CENTRAL___SENECA 23627	14.57 0.34 -2.45	12.84 0.30 -2.27	10.43 0.22 -2.79	10.16 0.21 -2.87	11.59 0.27 -2.36	14.40 0.38 -2.02	20.03 0.65 -3.11	24.12 0.73 -4.08	21.97 0.66 -4.05	23.04 0.75 -1.89	22.08 0.65 -2.17	21.75 0.62 -2.25	21.15 0.60 -2.49	21.16 0.60 -2.90	20.21 0.53 -3.66	19.71 0.55 -4.58	22.79 0.70 -5.76	29.21 0.68 -9.78	33.61 1.05 -6.89	26.71 0.85 -5.13	22.00 0.74 -3.74	20.74 0.65 -3.06	15.49 0.44 -3.67	16.83 0.55 -2.18
NEG CENTRAL___STATE_STREET 24147	14.40 0.31 -2.32	12.70 0.28 -2.15	10.26 0.19 -2.65	9.99 0.18 -2.72	11.44 0.24 -2.24	14.25 0.34 -1.92	19.79 0.57 -2.94	23.85 0.68 -3.87	21.71 0.60 -3.84	22.92 0.73 -1.79	21.97 0.65 -2.06	21.63 0.62 -2.14	21.03 0.61 -2.36	21.01 0.60 -2.75	20.04 0.54 -3.47	19.46 0.54 -4.34	22.46 0.67 -5.46	28.85 0.83 -9.27	33.41 1.21 -6.53	26.57 0.97 -4.87	21.73 0.67 -3.55	20.53 0.60 -2.91	15.26 0.41 -3.48	16.66 0.49 -2.07
NEG MILLWOOD___DRP 24198	22.12 0.87 -9.47	19.81 0.74 -8.79	18.77 0.53 -10.82	18.70 0.51 -11.11	18.73 0.62 -9.16	20.63 0.80 -7.84	29.36 1.06 -12.03	36.53 1.41 -15.82	34.31 1.35 -15.70	29.37 1.65 -7.32	29.33 1.66 -8.42	29.23 1.62 -8.73	29.26 1.55 -9.64	30.40 1.52 -11.23	31.59 1.39 -14.17	33.58 1.27 -17.73	39.98 1.34 -22.30	58.17 1.54 -37.88	54.47 2.10 -26.69	42.29 1.68 -19.88	33.42 1.40 -14.50	30.25 1.35 -11.87	26.39 0.80 -14.23	23.51 0.97 -8.44

NEG NORTH_FLCN_SEA 23793	1.27 -0.54 9.97	1.98 -0.49 7.80	2.38 -0.34 4.69	1.07 -0.36 5.65	1.02 -0.46 7.48	0.71 -0.64 10.65	3.25 -0.90 12.13	4.39 -1.37 13.55	3.24 -1.31 12.71	4.69 -1.53 14.18	9.40 -1.06 8.79	9.10 -1.13 8.64	8.80 -0.99 8.27	8.50 -1.06 8.10	10.78 -0.91 4.33	10.78 -0.90 2.90	15.32 -1.01 0.00	17.83 -0.92 0.00	24.28 -1.39 0.00	14.61 -1.16 4.96	8.46 -1.09 7.98	4.82 -1.07 11.14	5.49 -0.73 5.15	6.74 -0.93 6.43
NEG NORTH_KES_CHATEGAY 23792	1.39 -0.61 9.78	2.06 -0.55 7.65	2.42 -0.39 4.61	1.13 -0.40 5.55	1.11 -0.51 7.34	0.83 -0.71 10.45	3.36 -1.01 11.91	4.68 -1.33 13.29	3.50 -1.28 12.48	4.98 -1.49 13.92	9.43 -1.19 8.63	9.17 -1.23 8.48	8.83 -1.12 8.12	8.54 -1.17 7.95	10.76 -1.01 4.26	10.76 -0.98 2.84	15.24 -1.09 0.00	17.70 -1.05 0.00	24.13 -1.54 0.00	14.56 -1.31 4.87	8.52 -1.17 7.83	4.94 -1.16 10.93	5.53 -0.78 5.05	6.80 -0.99 6.31
NEG NORTH___ALICE_FALLS 23915	1.26 -0.58 9.94	1.98 -0.51 7.77	2.37 -0.36 4.68	1.06 -0.38 5.64	1.03 -0.47 7.45	0.72 -0.66 10.62	3.25 -0.93 12.10	4.46 -1.33 13.51	3.31 -1.28 12.68	4.75 -1.51 14.14	9.39 -1.10 8.77	9.11 -1.15 8.61	8.77 -1.05 8.24	8.47 -1.11 8.07	10.74 -0.96 4.32	10.74 -0.95 2.89	15.27 -1.06 0.00	17.80 -0.96 0.00	24.23 -1.44 0.00	14.58 -1.20 4.94	8.46 -1.10 7.95	4.82 -1.11 11.11	5.49 -0.75 5.13	6.73 -0.96 6.41
NEG NORTH___LWR_SARANAC 23913	1.26 -0.58 9.94	1.98 -0.51 7.77	2.37 -0.36 4.68	1.06 -0.38 5.64	1.03 -0.47 7.45	0.72 -0.66 10.62	3.25 -0.93 12.10	4.46 -1.33 13.51	3.31 -1.28 12.68	4.75 -1.51 14.14	9.39 -1.10 8.77	9.11 -1.15 8.61	8.77 -1.05 8.24	8.47 -1.11 8.07	10.74 -0.96 4.32	10.74 -0.95 2.89	15.27 -1.06 0.00	17.80 -0.96 0.00	24.23 -1.44 0.00	14.58 -1.20 4.94	8.46 -1.10 7.95	4.82 -1.11 11.11	5.49 -0.75 5.13	6.73 -0.96 6.41
NEG NORTH___PLATTSBURG 23628	1.26 -0.58 9.94	1.98 -0.51 7.77	2.37 -0.36 4.68	1.06 -0.38 5.64	1.03 -0.47 7.45	0.72 -0.66 10.62	3.25 -0.93 12.10	4.48 -1.31 13.51	3.31 -1.28 12.68	4.75 -1.51 14.14	9.39 -1.10 8.77	9.11 -1.15 8.61	8.77 -1.05 8.24	8.47 -1.11 8.07	10.74 -0.96 4.32	10.74 -0.95 2.89	15.27 -1.06 0.00	17.80 -0.96 0.00	24.23 -1.44 0.00	14.58 -1.20 4.94	8.46 -1.10 7.95	4.82 -1.11 11.11	5.49 -0.75 5.13	6.73 -0.96 6.41
NEG WEST_LEA_LOCKPORT 23791	14.26 0.06 -2.43	12.54 0.02 -2.25	10.22 0.03 -2.77	9.99 0.06 -2.85	11.33 0.04 -2.34	14.06 0.06 -2.01	19.37 0.02 -3.08	23.10 -0.25 -4.05	21.08 -0.21 -4.02	22.02 -0.24 -1.88	21.10 -0.31 -2.16	20.92 -0.19 -2.24	20.28 -0.25 -2.47	20.36 -0.18 -2.88	19.49 -0.16 -3.63	19.00 -0.12 -4.54	21.87 -0.18 -5.71	28.09 -0.36 -9.70	32.12 -0.39 -6.84	25.57 -0.25 -5.09	21.11 -0.12 -3.71	19.95 -0.12 -3.04	15.07 0.06 -3.64	16.43 0.17 -2.16
NEG WEST___LANCASTR 23811	14.14 -0.29 -2.65	12.46 -0.27 -2.46	10.26 -0.19 -3.03	10.04 -0.16 -3.11	11.29 -0.22 -2.56	13.92 -0.26 -2.19	19.31 -0.33 -3.36	23.19 -0.54 -4.43	21.15 -0.50 -4.39	21.87 -0.57 -2.05	21.01 -0.60 -2.36	20.82 -0.49 -2.44	20.22 -0.54 -2.70	20.34 -0.46 -3.14	19.57 -0.42 -3.96	19.22 -0.32 -4.96	22.23 -0.34 -6.24	28.82 -0.53 -10.60	32.52 -0.62 -7.47	25.83 -0.46 -5.56	21.23 -0.35 -4.06	19.98 -0.37 -3.32	15.20 -0.15 -3.98	16.32 -0.14 -2.36
NEG_PENN_ALLEGHNY 23528	16.11 0.35 -3.98	14.27 0.31 -3.69	12.18 0.22 -4.55	11.96 0.21 -4.67	13.07 0.27 -3.85	15.64 0.36 -3.29	21.90 0.57 -5.05	26.62 0.68 -6.64	24.45 0.59 -6.60	24.19 0.71 -3.08	23.45 0.65 -3.54	23.19 0.64 -3.67	22.73 0.61 -4.05	22.98 0.60 -4.72	22.52 0.55 -5.96	22.56 0.52 -7.46	26.35 0.64 -9.38	35.32 0.66 -15.91	37.83 0.95 -11.21	29.86 0.79 -8.35	24.26 0.65 -6.09	22.63 0.61 -4.98	17.77 0.42 -5.98	18.16 0.52 -3.55
NEG___GEN_MONROE 24207	14.29 0.27 -2.24	12.56 0.22 -2.08	10.14 0.16 -2.56	9.88 0.17 -2.62	11.32 0.21 -2.16	14.14 0.30 -1.85	19.52 0.41 -2.84	23.33 0.29 -3.74	21.30 0.33 -3.71	22.45 0.33 -1.73	21.47 0.23 -1.99	21.20 0.26 -2.06	20.57 0.23 -2.28	20.56 0.25 -2.65	19.59 0.22 -3.35	18.99 0.22 -4.19	21.80 0.20 -5.27	27.87 0.17 -8.95	32.36 0.39 -6.31	25.82 0.39 -4.70	21.28 0.33 -3.43	20.16 0.32 -2.80	15.02 0.28 -3.36	16.53 0.44 -1.99
NEPA___ENERGY 23901	14.55 0.08 -2.68	12.82 0.06 -2.49	10.53 0.05 -3.07	10.30 0.07 -3.15	11.61 0.06 -2.59	14.33 0.12 -2.22	19.88 0.20 -3.41	23.86 0.08 -4.48	21.76 0.05 -4.45	22.55 0.08 -2.08	21.68 0.04 -2.39	21.46 0.11 -2.47	20.85 0.05 -2.73	20.94 0.11 -3.18	20.13 0.10 -4.01	19.75 0.15 -5.02	22.83 0.18 -6.32	29.60 0.11 -10.73	33.49 0.26 -7.56	26.63 0.27 -5.63	21.84 0.21 -4.11	20.58 0.19 -3.36	15.62 0.22 -4.03	16.80 0.31 -2.39
NEVERSINK___HYD 23608	20.76 0.81 -8.17	18.55 0.70 -7.58	17.25 0.50 -9.33	17.14 0.47 -9.58	17.42 0.57 -7.90	19.47 0.72 -6.76	27.59 0.94 -10.37	34.23 1.29 -13.64	32.01 1.21 -13.54	28.18 1.47 -6.32	27.94 1.42 -7.27	27.82 1.42 -7.53	27.75 1.37 -8.32	28.67 1.32 -9.68	29.48 1.23 -12.22	30.98 1.11 -15.30	36.80 1.23 -19.24	52.48 1.37 -32.36	50.24 1.77 -22.80	39.32 1.45 -17.14	31.35 1.33 -12.51	28.60 1.33 -10.24	24.39 0.75 -12.27	22.31 0.93 -7.28
NEWKRMKL_115KV_TB1 55635	23.82 0.38 -11.66	21.44 0.34 -10.83	20.98 0.24 -13.32	20.98 0.23 -13.67	20.53 0.30 -11.27	22.06 0.42 -9.65	31.65 0.57 -14.81	39.46 0.69 -19.47	37.18 0.59 -19.33	30.08 0.67 -9.02	30.22 0.60 -10.37	30.21 0.59 -10.75	30.49 0.56 -11.87	32.06 0.58 -13.82	33.98 0.51 -17.44	36.86 0.45 -21.83	44.31 0.52 -27.46	65.96 0.58 -46.62	59.35 0.82 -32.86	45.86 0.66 -24.47	35.95 0.58 -17.85	32.19 0.55 -14.61	29.25 0.36 -17.51	24.94 0.45 -10.39
NEWTON___FALLS_HYD 23847	6.84 -0.33 4.61	6.48 -0.27 3.53	5.40 -0.20 1.81	4.59 -0.21 2.29	5.36 -0.25 3.34	6.53 -0.41 5.05	10.18 -0.52 5.57	12.65 -0.56 6.09	10.78 -0.66 5.83	12.49 -0.84 7.07	14.26 -0.83 4.17	13.95 -0.85 4.07	13.41 -0.83 3.82	13.20 -0.81 3.64	13.79 -0.74 1.49	13.38 -0.67 0.53	16.85 -0.74 -1.25	20.15 -0.73 -2.13	26.17 -1.00 -1.50	18.48 -0.81 1.44	13.59 -0.63 3.29	11.37 -0.60 5.07	9.19 -0.33 1.85	10.85 -0.41 2.84
NGRID_A1_DSASP 323792	14.08 -0.18 -2.47	12.39 -0.17 -2.30	10.13 -0.11 -2.83	9.90 -0.08 -2.90	11.21 -0.13 -2.39	13.87 -0.17 -2.05	19.14 -0.24 -3.11	22.79 -0.64 -4.13	20.80 -0.57 -4.11	21.66 -0.65 -1.92	20.80 -0.65 -2.20	20.61 -0.55 -2.28	20.00 -0.58 -2.52	20.10 -0.49 -2.94	19.25 -0.48 -3.71	18.83 -0.38 -4.63	21.68 -0.47 -5.82	27.90 -0.71 -9.86	31.74 -0.90 -6.97	25.25 -0.66 -5.18	20.78 -0.53 -3.79	19.72 -0.41 -3.10	14.95 -0.14 -3.71	16.26 -0.04 -2.20
NGRID_A2_DSASP 323793	14.08 -0.18 -2.47	12.39 -0.17 -2.30	10.13 -0.11 -2.83	9.90 -0.08 -2.90	11.21 -0.13 -2.39	13.87 -0.17 -2.05	19.14 -0.24 -3.11	22.79 -0.64 -4.13	20.80 -0.57 -4.11	21.66 -0.65 -1.92	20.80 -0.65 -2.20	20.61 -0.55 -2.28	20.00 -0.58 -2.52	20.10 -0.49 -2.94	19.25 -0.48 -3.71	18.83 -0.38 -4.63	21.68 -0.47 -5.82	27.90 -0.71 -9.86	31.74 -0.90 -6.97	25.25 -0.66 -5.18	20.78 -0.53 -3.79	19.72 -0.41 -3.10	14.95 -0.14 -3.71	16.26 -0.04 -2.20

NGRID_A4_DSASP 323807	14.08 -0.18 -2.47	12.39 -0.17 -2.30	10.13 -0.11 -2.83	9.90 -0.08 -2.90	11.21 -0.13 -2.39	13.87 -0.17 -2.05	19.14 -0.24 -3.11	22.79 -0.64 -4.13	20.80 -0.57 -4.11	21.66 -0.65 -1.92	20.80 -0.65 -2.20	20.61 -0.55 -2.28	20.00 -0.58 -2.52	20.10 -0.49 -2.94	19.25 -0.48 -3.71	18.83 -0.38 -4.63	21.68 -0.47 -5.82	27.90 -0.71 -9.86	31.74 -0.90 -6.97	25.25 -0.66 -5.18	20.78 -0.53 -3.79	19.72 -0.41 -3.10	14.95 -0.14 -3.71	16.26 -0.04 -2.20
NIAGARA_115E_LBMP 323715	14.16 -0.09 -2.47	12.45 -0.11 -2.29	10.17 -0.07 -2.82	9.95 -0.03 -2.90	11.26 -0.08 -2.39	13.94 -0.10 -2.04	19.17 -0.24 -3.13	22.81 -0.62 -4.12	20.81 -0.55 -4.10	21.70 -0.61 -1.91	20.82 -0.63 -2.20	20.65 -0.51 -2.28	20.02 -0.56 -2.52	20.11 -0.48 -2.93	19.29 -0.43 -3.70	18.85 -0.36 -4.63	21.71 -0.46 -5.83	27.94 -0.69 -9.88	31.78 -0.85 -6.96	25.29 -0.62 -5.18	20.84 -0.46 -3.78	19.74 -0.39 -3.10	14.97 -0.11 -3.71	16.26 -0.04 -2.20
NIAGARA_115W_LBMP 323714	14.05 -0.20 -2.47	12.36 -0.21 -2.29	10.11 -0.13 -2.82	9.89 -0.09 -2.90	11.19 -0.15 -2.39	13.84 -0.19 -2.04	19.10 -0.28 -3.10	22.73 -0.69 -4.12	20.76 -0.60 -4.10	21.59 -0.71 -1.91	20.74 -0.71 -2.20	20.57 -0.59 -2.28	19.97 -0.61 -2.52	20.04 -0.55 -2.94	19.20 -0.53 -3.70	18.80 -0.41 -4.63	21.63 -0.52 -5.82	27.83 -0.77 -9.85	31.66 -0.98 -6.96	25.20 -0.70 -5.18	20.74 -0.56 -3.78	19.67 -0.46 -3.10	14.92 -0.16 -3.71	16.22 -0.08 -2.20
NIAGARA_230_LBMP 323716	14.19 -0.05 -2.46	12.49 -0.06 -2.28	10.20 -0.03 -2.81	9.97 0.00 -2.88	11.29 -0.04 -2.38	13.99 -0.04 -2.03	19.33 -0.06 -3.12	23.00 -0.41 -4.10	21.00 -0.35 -4.08	21.87 -0.43 -1.90	21.00 -0.44 -2.19	20.80 -0.34 -2.27	20.21 -0.36 -2.51	20.28 -0.30 -2.92	19.42 -0.29 -3.68	19.00 -0.19 -4.61	21.87 -0.26 -5.80	28.10 -0.49 -9.83	32.03 -0.56 -6.93	25.49 -0.39 -5.16	21.00 -0.28 -3.76	19.89 -0.22 -3.08	15.06 0.00 -3.69	16.39 0.10 -2.19
NIAGARA__115KV_198_GIBSON 55903	14.05 -0.20 -2.47	12.36 -0.21 -2.29	10.11 -0.13 -2.82	9.89 -0.09 -2.90	11.19 -0.15 -2.39	13.85 -0.19 -2.05	19.10 -0.28 -3.10	22.73 -0.69 -4.13	20.77 -0.59 -4.10	21.59 -0.71 -1.91	20.74 -0.71 -2.20	20.57 -0.59 -2.28	19.96 -0.61 -2.52	20.04 -0.55 -2.93	19.19 -0.53 -3.70	18.80 -0.41 -4.63	21.62 -0.52 -5.81	27.83 -0.77 -9.85	31.66 -0.98 -6.96	25.20 -0.70 -5.18	20.78 -0.53 -3.78	19.67 -0.46 -3.10	14.92 -0.16 -3.71	16.22 -0.08 -2.20
NIAGARA____ 23760	14.20 -0.05 -2.47	12.50 -0.06 -2.29	10.21 -0.03 -2.82	9.98 0.00 -2.90	11.31 -0.04 -2.39	14.00 -0.04 -2.04	19.33 -0.06 -3.12	23.01 -0.41 -4.12	21.01 -0.35 -4.10	21.88 -0.43 -1.91	21.01 -0.44 -2.20	20.81 -0.34 -2.28	20.22 -0.36 -2.52	20.29 -0.30 -2.93	19.43 -0.29 -3.70	19.02 -0.19 -4.63	21.89 -0.26 -5.82	28.12 -0.49 -9.85	32.05 -0.56 -6.95	25.51 -0.39 -5.17	21.01 -0.28 -3.78	19.90 -0.22 -3.09	15.08 0.00 -3.71	16.40 0.10 -2.20
NINE_MILE_1 23575	12.99 -0.19 -1.40	11.41 -0.16 -1.30	8.90 -0.12 -1.60	8.61 -0.11 -1.64	10.16 -0.14 -1.35	12.96 -0.19 -1.16	17.83 -0.23 -1.78	21.33 -0.31 -2.34	19.32 -0.28 -2.33	21.13 -0.35 -1.09	20.17 -0.33 -1.25	19.85 -0.32 -1.30	19.18 -0.31 -1.43	19.02 -0.30 -1.67	17.85 -0.27 -2.10	16.99 -0.22 -2.63	19.40 -0.24 -3.31	24.04 -0.32 -5.60	29.20 -0.41 -3.95	23.34 -0.33 -2.94	19.40 -0.26 -2.14	18.51 -0.27 -1.76	13.33 -0.15 -2.10	15.16 -0.18 -1.25
NINE_MILE_2 23744	12.99 -0.19 -1.39	11.40 -0.16 -1.29	8.89 -0.12 -1.59	8.61 -0.11 -1.64	10.16 -0.14 -1.35	12.95 -0.19 -1.15	17.82 -0.23 -1.77	21.32 -0.31 -2.33	19.31 -0.28 -2.32	21.13 -0.35 -1.08	20.17 -0.33 -1.24	19.84 -0.32 -1.29	19.18 -0.31 -1.42	19.02 -0.30 -1.66	17.84 -0.27 -2.09	16.98 -0.22 -2.62	19.39 -0.24 -3.30	24.01 -0.32 -5.58	29.19 -0.41 -3.93	23.32 -0.33 -2.93	19.39 -0.26 -2.14	18.51 -0.27 -1.75	13.32 -0.15 -2.09	15.16 -0.18 -1.24
NM_CAPITAL____DRP 24208	23.83 0.42 -11.63	21.45 0.38 -10.79	20.97 0.27 -13.28	20.98 0.26 -13.64	20.53 0.34 -11.24	22.08 0.47 -9.62	31.67 0.63 -14.76	39.49 0.77 -19.41	37.19 0.66 -19.27	30.14 0.75 -8.99	30.26 0.67 -10.34	30.25 0.66 -10.72	30.53 0.63 -11.84	32.07 0.64 -13.78	33.99 0.58 -17.39	36.86 0.51 -21.77	44.30 0.59 -27.38	65.92 0.68 -46.49	59.36 0.92 -32.76	45.88 0.75 -24.40	35.97 0.65 -17.80	32.21 0.61 -14.57	29.24 0.41 -17.46	24.97 0.51 -10.36
NM_CENTRAL____DRP 24181	13.80 0.12 -1.91	12.14 0.10 -1.77	9.67 0.07 -2.18	9.39 0.07 -2.23	10.88 0.09 -1.84	13.69 0.12 -1.58	18.94 0.24 -2.42	22.73 0.25 -3.18	20.64 0.22 -3.16	22.15 0.29 -1.47	21.20 0.25 -1.69	20.87 0.25 -1.76	20.23 0.23 -1.94	20.16 0.25 -2.26	19.08 0.21 -2.85	18.36 0.22 -3.57	21.10 0.28 -4.49	26.60 0.23 -7.62	31.40 0.36 -5.37	25.02 0.29 -4.00	20.68 0.25 -2.92	19.64 0.22 -2.39	14.40 0.17 -2.86	16.01 0.21 -1.70
NM_FRONTIER____DRP 24179	14.05 -0.20 -2.47	12.36 -0.21 -2.29	10.11 -0.13 -2.82	9.89 -0.09 -2.90	11.19 -0.15 -2.39	13.85 -0.19 -2.05	19.10 -0.28 -3.10	22.73 -0.69 -4.13	20.77 -0.59 -4.10	21.59 -0.71 -1.91	20.74 -0.71 -2.20	20.57 -0.59 -2.28	19.96 -0.61 -2.52	20.04 -0.55 -2.93	19.19 -0.53 -3.70	18.80 -0.41 -4.63	21.62 -0.52 -5.81	27.83 -0.77 -9.85	31.66 -0.98 -6.96	25.20 -0.70 -5.18	20.78 -0.53 -3.78	19.67 -0.46 -3.10	14.92 -0.16 -3.71	16.22 -0.08 -2.20
NM_ST_REGIS____HYD 24053	3.45 -0.53 7.80	3.76 -0.45 6.06	3.60 -0.33 3.49	2.49 -0.33 4.26	2.73 -0.43 5.79	2.91 -0.68 8.40	5.82 -0.98 9.48	7.61 -1.18 10.51	6.15 -1.21 9.91	7.58 -1.47 11.35	11.00 -1.33 6.92	10.74 -1.34 6.79	10.32 -1.28 6.46	10.11 -1.27 6.28	11.75 -1.15 3.12	11.65 -1.08 1.85	15.77 -1.21 -0.65	18.60 -1.26 -1.11	24.70 -1.75 -0.78	15.86 -1.43 3.44	10.29 -1.19 6.04	7.23 -1.12 8.68	6.97 -0.65 3.76	8.36 -0.78 4.96
NORTHPORT____1 23551	31.18 1.04 -18.36	24.09 0.89 -12.92	20.37 0.65 -12.30	21.27 0.62 -13.57	23.26 0.76 -13.54	27.95 1.01 -14.95	31.04 1.43 -13.33	36.56 1.51 -15.75	34.25 1.35 -15.64	31.65 1.90 -9.36	29.39 1.75 -8.39	29.32 1.76 -8.70	29.29 1.63 -9.60	30.32 1.48 -11.18	31.48 1.35 -14.11	33.45 1.21 -17.66	39.80 1.26 -22.21	58.14 1.67 -37.71	54.35 2.11 -26.58	42.22 1.70 -19.79	33.34 1.38 -14.44	34.80 1.52 -16.26	33.35 0.96 -21.02	28.88 1.27 -13.51
NORTHPORT____2 23552	31.18 1.04 -18.36	24.09 0.89 -12.92	20.37 0.65 -12.30	21.27 0.62 -13.57	23.26 0.76 -13.54	27.95 1.01 -14.95	31.04 1.43 -13.33	36.56 1.51 -15.75	34.25 1.35 -15.64	31.65 1.90 -9.36	29.39 1.75 -8.39	29.32 1.76 -8.70	29.29 1.63 -9.60	30.32 1.48 -11.18	31.48 1.35 -14.11	33.45 1.21 -17.66	39.80 1.26 -22.21	58.14 1.67 -37.71	54.35 2.11 -26.58	42.22 1.70 -19.79	33.34 1.38 -14.44	34.80 1.52 -16.26	33.35 0.96 -21.02	28.88 1.27 -13.51
NORTHPORT____3 23553	31.23 1.08 -18.36	24.13 0.93 -12.92	20.40 0.67 -12.30	21.29 0.64 -13.57	23.29 0.79 -13.54	27.99 1.04 -14.95	31.02 1.42 -13.33	36.64 1.60 -15.74	34.39 1.59 -15.54	31.87 2.20 -9.27	29.51 2.06 -8.20	29.45 2.08 -8.50	29.45 1.95 -9.44	30.44 1.75 -11.04	31.63 1.59 -14.02	33.53 1.41 -17.54	39.93 1.52 -22.08	58.02 1.56 -37.71	52.91 2.49 -24.75	41.87 1.99 -19.16	32.99 1.65 -13.83	34.99 1.70 -16.25	33.47 1.08 -21.02	28.95 1.34 -13.51

NORTHPORT___4 23650	31.23 1.08 -18.36	24.13 0.93 -12.92	20.40 0.67 -12.30	21.29 0.64 -13.57	23.29 0.79 -13.54	27.99 1.04 -14.95	31.02 1.42 -13.33	36.64 1.60 -15.74	34.39 1.59 -15.54	31.87 2.20 -9.27	29.51 2.06 -8.20	29.45 2.08 -8.50	29.45 1.95 -9.44	30.44 1.75 -11.04	31.63 1.59 -14.02	33.53 1.41 -17.54	39.93 1.52 -22.08	58.02 1.56 -37.71	52.91 2.49 -24.75	41.87 1.99 -19.16	32.99 1.65 -13.83	34.99 1.70 -16.25	33.47 1.08 -21.02	28.95 1.34 -13.51
NORTHPORT___IC 23718	31.18 1.04 -18.36	24.09 0.89 -12.92	20.37 0.65 -12.30	21.27 0.62 -13.57	23.26 0.76 -13.54	27.95 1.01 -14.95	31.04 1.43 -13.33	36.56 1.51 -15.75	34.25 1.35 -15.64	31.65 1.90 -9.36	29.39 1.75 -8.39	29.32 1.76 -8.70	29.29 1.63 -9.60	30.32 1.48 -11.18	31.48 1.35 -14.11	33.45 1.21 -17.66	39.80 1.26 -22.21	58.14 1.67 -37.71	54.35 2.11 -26.58	42.22 1.70 -19.79	33.34 1.38 -14.44	34.80 1.52 -16.26	33.35 0.96 -21.02	28.88 1.27 -13.51
NORTH___COUNTRY_ESR 323785	1.37 -0.64 9.78	2.05 -0.57 7.65	2.41 -0.40 4.60	1.12 -0.42 5.55	1.09 -0.53 7.33	0.81 -0.73 10.45	3.33 -1.04 11.90	4.64 -1.37 13.29	3.47 -1.31 12.48	4.95 -1.53 13.92	9.41 -1.21 8.63	9.13 -1.26 8.48	8.81 -1.14 8.11	8.51 -1.20 7.95	10.73 -1.04 4.25	10.73 -1.01 2.84	15.21 -1.13 0.00	17.66 -1.09 0.00	24.05 -1.62 0.00	14.52 -1.35 4.86	8.47 -1.23 7.82	4.91 -1.19 10.93	5.51 -0.81 5.05	6.77 -1.02 6.31
NPX_GEN_1385_PROXY 323591	31.18 1.04 -18.36	24.09 0.89 -12.92	20.37 0.65 -12.30	21.27 0.62 -13.57	23.26 0.76 -13.54	27.95 1.01 -14.95	31.04 1.43 -13.33	36.56 1.51 -15.75	34.25 1.35 -15.64	31.65 1.90 -9.36	29.39 1.75 -8.39	29.32 1.76 -8.70	29.29 1.63 -9.60	30.32 1.48 -11.18	31.48 1.35 -14.11	33.45 1.21 -17.66	39.80 1.26 -22.21	58.17 1.71 -37.71	54.40 2.16 -26.58	42.26 1.74 -19.79	33.34 1.38 -14.44	34.80 1.52 -16.26	33.35 0.96 -21.02	28.88 1.27 -13.51
NPX_GEN_CSC 323557	31.37 1.22 -18.36	24.24 1.05 -12.92	20.49 0.77 -12.30	21.38 0.73 -13.57	23.39 0.90 -13.54	28.14 1.20 -14.95	31.33 1.72 -13.33	37.14 1.97 -15.87	36.62 1.80 -17.56	33.82 2.36 -11.07	33.69 2.25 -12.19	33.68 2.24 -12.57	33.02 2.09 -12.86	33.67 1.94 -14.07	33.67 1.76 -15.89	36.28 1.60 -20.10	42.94 1.75 -24.85	58.53 2.03 -37.76	91.51 2.75 -63.09	55.50 2.22 -32.55	46.01 1.89 -26.60	35.35 1.94 -16.38	33.65 1.22 -21.07	29.20 1.55 -13.56
NSINS_S_GLNS_FALLS 23858	24.47 0.67 -12.02	22.02 0.60 -11.16	21.61 0.47 -13.73	21.63 0.45 -14.09	21.22 0.65 -11.61	22.87 0.94 -9.94	32.85 1.32 -15.26	41.04 1.68 -20.06	38.65 1.47 -19.92	31.36 1.67 -9.29	31.46 1.52 -10.69	31.40 1.45 -11.08	31.65 1.35 -12.23	33.28 1.38 -14.24	35.25 1.25 -17.97	38.23 1.15 -22.50	45.81 1.18 -28.29	68.13 1.33 -48.05	61.38 1.85 -33.86	47.38 1.43 -25.22	37.12 1.21 -18.40	33.16 1.07 -15.06	30.08 0.66 -18.05	25.60 0.79 -10.71
NUCOR_STEEL___DRP 24197	14.40 0.34 -2.28	12.69 0.31 -2.11	10.24 0.22 -2.60	9.97 0.21 -2.67	11.42 0.27 -2.20	14.24 0.36 -1.88	19.77 0.60 -2.89	23.80 0.69 -3.80	21.66 0.62 -3.77	22.89 0.73 -1.76	21.95 0.67 -2.02	21.61 0.64 -2.10	20.99 0.61 -2.32	20.97 0.62 -2.70	19.97 0.54 -3.40	19.38 0.54 -4.26	22.36 0.67 -5.36	28.55 0.69 -9.10	33.08 1.00 -6.41	26.31 0.81 -4.78	21.67 0.67 -3.48	20.50 0.61 -2.85	15.21 0.42 -3.42	16.65 0.52 -2.03
NUMBER_THREE_WT_PWR 323818	10.49 -0.04 1.26	9.39 0.00 0.88	7.28 -0.01 0.13	6.76 -0.03 0.29	8.16 0.00 0.79	10.48 0.00 1.51	14.88 0.08 1.48	18.02 0.19 1.48	15.68 0.03 1.62	17.89 -0.02 2.48	17.86 -0.11 1.28	17.49 -0.15 1.23	16.81 -0.16 1.09	16.59 -0.12 0.95	15.93 -0.13 -0.04	15.05 -0.10 -0.58	17.76 -0.07 -1.49	21.51 -0.02 -2.77	27.67 0.05 -1.95	21.24 0.02 -0.49	17.10 0.07 0.49	15.77 0.03 1.30	11.44 0.03 -0.04	13.46 0.00 0.63
NYISO_LBMP_REFERENCE 24008	11.78 0.00 0.00	10.27 0.00 0.00	7.42 0.00 0.00	7.08 0.00 0.00	8.95 0.00 0.00	11.99 0.00 0.00	16.28 0.00 0.00	19.30 0.00 0.00	17.26 0.00 0.00	20.39 0.00 0.00	19.25 0.00 0.00	18.87 0.00 0.00	18.06 0.00 0.00	17.66 0.00 0.00	16.02 0.00 0.00	14.58 0.00 0.00	16.33 0.00 0.00	18.75 0.00 0.00	25.67 0.00 0.00	20.73 0.00 0.00	17.52 0.00 0.00	17.03 0.00 0.00	11.37 0.00 0.00	14.10 0.00 0.00
NYPA_BRENTWD___GT 24164	31.37 1.22 -18.36	24.24 1.05 -12.92	20.48 0.76 -12.30	21.37 0.72 -13.57	23.39 0.90 -13.54	28.14 1.20 -14.95	31.33 1.72 -13.33	36.72 1.66 -15.76	34.60 1.50 -15.83	31.97 2.04 -9.53	29.95 1.92 -8.78	29.87 1.91 -9.09	29.75 1.75 -9.94	30.78 1.64 -11.48	31.80 1.49 -14.29	33.84 1.36 -17.91	40.20 1.39 -22.48	58.35 1.88 -37.72	58.32 2.34 -30.32	43.70 1.87 -21.10	34.78 1.58 -15.69	34.95 1.65 -16.27	33.53 1.13 -21.03	28.95 1.34 -13.52
NYPA_GOWANUS___GT5 24156	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NYPA_GOWANUS___GT6 24157	22.20 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.62 0.83 -7.80	29.40 1.16 -11.97	36.51 1.47 -15.74	34.37 1.47 -15.64	29.54 1.86 -7.30	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.61	30.61 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.22	58.17 1.69 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41
NYPA_HARLEM__RVR_GT1 24160	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.49 0.70 -7.80	29.22 0.98 -11.97	36.34 1.29 -15.74	34.21 1.31 -15.63	29.35 1.67 -7.29	29.31 1.67 -8.38	29.30 1.74 -8.69	29.32 1.66 -9.60	30.42 1.59 -11.18	31.60 1.47 -14.10	33.52 1.28 -17.66	39.80 1.26 -22.21	58.02 1.56 -37.72	54.30 2.05 -26.58	42.14 1.62 -19.79	33.22 1.26 -14.44	30.12 1.28 -11.81	26.31 0.77 -14.16	23.51 1.00 -8.41
NYPA_HARLEM__RVR_GT2 24161	22.07 0.86 -9.44	19.73 0.70 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.49 0.70 -7.80	29.22 0.98 -11.97	36.34 1.29 -15.74	34.21 1.31 -15.63	29.35 1.67 -7.29	29.31 1.67 -8.38	29.30 1.74 -8.69	29.32 1.66 -9.60	30.42 1.59 -11.18	31.60 1.47 -14.10	33.52 1.28 -17.66	39.80 1.26 -22.21	58.02 1.56 -37.72	54.30 2.05 -26.58	42.14 1.62 -19.79	33.22 1.26 -14.44	30.12 1.28 -11.81	26.31 0.77 -14.16	23.51 1.00 -8.41
NYPA_KENT___GT 24152	22.15 0.93 -9.44	19.80 0.77 -8.76	18.77 0.58 -10.78	18.69 0.54 -11.06	18.71 0.64 -9.12	20.58 0.79 -7.80	29.37 1.12 -11.97	36.47 1.43 -15.74	34.33 1.43 -15.64	29.50 1.81 -7.30	29.45 1.81 -8.39	29.42 1.85 -8.70	29.42 1.75 -9.61	30.55 1.71 -11.18	31.72 1.59 -14.11	33.64 1.40 -17.66	39.91 1.36 -22.22	58.13 1.65 -37.72	54.43 2.18 -26.59	42.25 1.72 -19.80	33.36 1.40 -14.44	30.27 1.41 -11.82	26.43 0.89 -14.17	23.63 1.13 -8.41

NYPA_POUCH1____GT 24155	22.21	19.85	18.80	18.71	18.74	20.63	29.42	36.53	34.39	29.56	29.51	29.48	29.47	30.62	31.77	33.70	39.92	58.17	54.49	42.29	33.41	30.33	26.48	23.70
	0.99	0.82	0.61	0.57	0.67	0.84	1.17	1.49	1.48	1.88	1.87	1.91	1.81	1.78	1.64	1.46	1.37	1.69	2.23	1.76	1.45	1.48	0.94	1.20
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.80	-11.97	-15.74	-15.64	-7.30	-8.39	-8.70	-9.61	-11.18	-14.11	-17.66	-22.22	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
NYPA_VERNON____GT2 24162	22.11	19.77	18.75	18.66	18.69	20.56	29.34	36.45	34.32	29.48	29.41	29.38	29.38	30.52	31.67	33.60	39.91	58.11	54.41	42.23	33.33	30.23	26.39	23.58
	0.89	0.74	0.56	0.52	0.62	0.77	1.09	1.41	1.42	1.80	1.77	1.81	1.72	1.68	1.54	1.36	1.36	1.63	2.16	1.70	1.37	1.38	0.85	1.07
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.80	-11.97	-15.74	-15.64	-7.30	-8.39	-8.70	-9.61	-11.18	-14.11	-17.66	-22.22	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
NYPA_VERNON____GT3 24163	22.11	19.77	18.75	18.66	18.69	20.56	29.34	36.45	34.32	29.48	29.41	29.38	29.38	30.52	31.67	33.60	39.91	58.11	54.41	42.23	33.33	30.23	26.39	23.58
	0.89	0.74	0.56	0.52	0.62	0.77	1.09	1.41	1.42	1.80	1.77	1.81	1.72	1.68	1.54	1.36	1.36	1.63	2.16	1.70	1.37	1.38	0.85	1.07
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.80	-11.97	-15.74	-15.64	-7.30	-8.39	-8.70	-9.61	-11.18	-14.11	-17.66	-22.22	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
NYPA____ASTORIA_CC1 323568	22.10	19.76	18.74	18.66	18.68	20.55	29.30	36.44	34.28	29.44	29.39	29.34	29.36	30.50	31.66	33.58	39.87	58.09	54.38	42.21	33.29	30.22	26.37	23.56
	0.88	0.73	0.55	0.51	0.61	0.76	1.06	1.39	1.38	1.75	1.75	1.77	1.70	1.66	1.52	1.34	1.32	1.61	2.13	1.68	1.33	1.36	0.83	1.06
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.80	-11.97	-15.74	-15.64	-7.30	-8.39	-8.70	-9.61	-11.18	-14.11	-17.66	-22.22	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
NYPA____ASTORIA_CC2 323569	22.10	19.76	18.74	18.66	18.68	20.55	29.30	36.44	34.28	29.44	29.39	29.34	29.36	30.50	31.66	33.58	39.87	58.09	54.38	42.21	33.29	30.22	26.37	23.56
	0.88	0.73	0.55	0.51	0.61	0.76	1.06	1.39	1.38	1.75	1.75	1.77	1.70	1.66	1.52	1.34	1.32	1.61	2.13	1.68	1.33	1.36	0.83	1.06
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.80	-11.97	-15.74	-15.64	-7.30	-8.39	-8.70	-9.61	-11.18	-14.11	-17.66	-22.22	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
NYPA____HOLTSVILL 23794	31.27	24.17	20.43	21.32	23.32	28.05	31.18	36.93	36.43	33.64	33.48	33.48	32.82	33.48	33.51	36.12	42.72	58.40	91.33	55.35	45.79	35.16	33.54	29.08
	1.13	0.98	0.71	0.67	0.82	1.10	1.58	1.76	1.61	2.18	2.04	2.04	1.90	1.75	1.60	1.44	1.53	1.89	2.54	2.05	1.67	1.75	1.10	1.42
	-18.36	-12.92	-12.30	-13.57	-13.54	-14.95	-13.33	-15.87	-17.56	-11.07	-12.19	-12.57	-12.87	-14.08	-15.89	-20.10	-24.86	-37.76	-63.13	-32.56	-26.61	-16.38	-21.07	-13.56
NYPA____HELLGATE_GT1 24158	22.07	19.73	18.74	18.65	18.67	20.49	29.22	36.34	34.21	29.35	29.31	29.30	29.32	30.42	31.60	33.52	39.80	58.01	54.27	42.12	33.22	30.12	26.31	23.51
	0.86	0.70	0.55	0.50	0.60	0.70	0.98	1.29	1.31	1.67	1.67	1.74	1.66	1.59	1.47	1.28	1.26	1.54	2.03	1.60	1.26	1.28	0.77	1.00
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.80	-11.97	-15.74	-15.63	-7.29	-8.38	-8.69	-9.60	-11.18	-14.10	-17.66	-22.21	-37.72	-26.58	-19.79	-14.44	-11.81	-14.16	-8.41
NYPA____HELLGATE_GT2 24159	22.07	19.73	18.74	18.65	18.67	20.49	29.22	36.34	34.21	29.35	29.31	29.30	29.32	30.42	31.60	33.52	39.80	58.01	54.27	42.12	33.22	30.12	26.31	23.51
	0.86	0.70	0.55	0.50	0.60	0.70	0.98	1.29	1.31	1.67	1.67	1.74	1.66	1.59	1.47	1.28	1.26	1.54	2.03	1.60	1.26	1.28	0.77	1.00
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.80	-11.97	-15.74	-15.63	-7.29	-8.38	-8.69	-9.60	-11.18	-14.10	-17.66	-22.21	-37.72	-26.58	-19.79	-14.44	-11.81	-14.16	-8.41
NYS_BARGE____HYD 23848	14.25	12.54	10.21	9.98	11.33	14.06	19.35	23.06	21.07	22.01	21.10	20.91	20.28	20.34	19.48	19.00	21.88	28.08	32.12	25.57	21.07	19.95	15.07	16.41
	0.05	0.02	0.02	0.06	0.03	0.06	0.00	-0.29	-0.22	-0.27	-0.31	-0.21	-0.25	-0.19	-0.18	-0.13	-0.18	-0.37	-0.38	-0.25	-0.16	-0.12	0.06	0.16
	-2.43	-2.25	-2.77	-2.85	-2.34	-2.01	-3.08	-4.05	-4.03	-1.88	-2.16	-2.24	-2.48	-2.88	-3.64	-4.55	-5.72	-9.70	-6.84	-5.09	-3.71	-3.04	-3.64	-2.16
OAK ORCHARD____HYD 24046	14.22	12.50	10.09	9.83	11.27	14.08	19.46	23.29	21.28	22.45	21.47	21.20	20.57	20.57	19.61	19.04	21.87	27.93	32.41	25.82	21.26	20.13	14.99	16.46
	0.21	0.16	0.13	0.13	0.16	0.24	0.36	0.27	0.31	0.33	0.23	0.26	0.23	0.27	0.24	0.28	0.28	0.26	0.46	0.41	0.33	0.31	0.27	0.38
	-2.23	-2.07	-2.55	-2.61	-2.15	-1.84	-2.83	-3.72	-3.70	-1.73	-1.99	-2.06	-2.27	-2.65	-3.34	-4.18	-5.26	-8.91	-6.28	-4.68	-3.41	-2.79	-3.35	-1.99
OAKDALE__35_KV_LOAD 356122	16.04	14.21	12.12	11.91	13.01	15.57	21.78	26.48	24.33	24.06	23.32	23.08	22.61	22.87	22.42	22.44	26.20	35.12	37.63	29.71	24.15	22.53	17.67	18.09
	0.31	0.27	0.19	0.19	0.23	0.31	0.49	0.58	0.52	0.61	0.56	0.57	0.52	0.53	0.48	0.47	0.56	0.56	0.82	0.68	0.58	0.55	0.36	0.47
	-3.95	-3.67	-4.52	-4.63	-3.82	-3.27	-5.02	-6.60	-6.55	-3.06	-3.51	-3.64	-4.02	-4.68	-5.91	-7.40	-9.31	-15.80	-11.14	-8.29	-6.05	-4.95	-5.94	-3.52
OCC_CHEM____DRP 24175	14.08	12.39	10.13	9.91	11.21	13.87	19.14	22.79	20.81	21.65	20.80	20.60	20.00	20.09	19.24	18.83	21.67	27.90	31.74	25.25	20.81	19.72	14.95	16.26
	-0.18	-0.17	-0.11	-0.08	-0.13	-0.17	-0.24	-0.64	-0.55	-0.65	-0.65	-0.55	-0.58	-0.49	-0.48	-0.38	-0.47	-0.71	-0.90	-0.66	-0.49	-0.41	-0.14	-0.04
	-2.47	-2.30	-2.83	-2.90	-2.39	-2.05	-3.11	-4.13	-4.10	-1.91	-2.20	-2.28	-2.52	-2.93	-3.70	-4.63	-5.81	-9.86	-6.97	-5.18	-3.79	-3.10	-3.71	-2.20
OH_GEN_PROXY 24063	14.20	12.50	10.20	9.97	11.30	14.00	19.36	23.06	21.05	21.93	21.05	20.86	20.24	20.31	19.46	19.03	21.90	28.14	32.10	25.55	21.03	19.94	15.07	16.40
	-0.04	-0.05	-0.02	0.01	-0.03	-0.02	-0.03	-0.35	-0.29	-0.37	-0.38	-0.28	-0.32	-0.26	-0.24	-0.16	-0.23	-0.43	-0.49	-0.33	-0.25	-0.17	0.01	0.11
	-2.46	-2.28	-2.81	-2.88	-2.37	-2.03	-3.12	-4.10	-4.08	-1.90	-2.19	-2.27	-2.51	-2.92	-3.68	-4.61	-5.79	-9.82	-6.92	-5.15	-3.76	-3.08	-3.69	-2.19
OLIN_CORP_DRP 24177	14.18	12.48	10.20	9.98	11.29	13.97	19.23	22.88	20.89	21.74	20.86	20.69	20.08	20.16	19.33	18.89	21.75	28.03	31.86	25.37	20.95	19.80	15.00	16.29
	-0.08	-0.09	-0.05	-0.01	-0.06	-0.07	-0.20	-0.56	-0.48	-0.57	-0.60	-0.47	-0.51	-0.44	-0.40	-0.34	-0.42	-0.64	-0.80	-0.56	-0.37	-0.34	-0.09	-0.01
	-2.48	-2.30	-2.83	-2.91	-2.40	-2.05	-3.15	-4.14	-4.11	-1.92	-2.21	-2.29	-2.53	-2.94	-3.71	-4.64	-5.84	-9.92	-6.99	-5.21	-3.80	-3.11	-3.73	-2.21
OLIN_CORP_DSASP 323712	14.08	12.39	10.13	9.90	11.21	13.87	19.14	22.79	20.80	21.66	20.80	20.61	20.00	20.10	19.25	18.83	21.68	27.90	31.74	25.25	20.78	19.72	14.95	16.26
	-0.18	-0.17	-0.11	-0.08	-0.13	-0.17	-0.24	-0.64	-0.57	-0.65	-0.65	-0.55	-0.58	-0.49	-0.48	-0.38	-0.47	-0.71	-0.90	-0.66	-0.53	-0.41	-0.14	-0.04
	-2.47	-2.30	-2.83	-2.90	-2.39	-2.05	-3.11	-4.13	-4.11	-1.92	-2.20	-2.28	-2.52	-2.94	-3.71	-4.63	-5.82	-9.86	-6.97	-5.18	-3.79	-3.10	-3.71	-2.20

ONEIDA_HERK_LFGE 323681	11.96 0.14 -0.04	10.53 0.14 -0.11	7.91 0.10 -0.40	7.53 0.09 -0.37	9.24 0.13 -0.15	12.08 0.19 0.10	16.70 0.33 -0.09	20.01 0.46 -0.25	17.77 0.36 -0.14	20.36 0.39 0.42	19.50 0.29 0.04	19.12 0.26 0.01	18.36 0.23 -0.06	18.07 0.25 -0.16	16.79 0.21 -0.56	15.64 0.22 -0.85	17.89 0.28 -1.28	21.34 0.30 -2.29	27.74 0.46 -1.61	22.02 0.35 -0.94	18.33 0.35 -0.46	17.49 0.32 -0.14	12.17 0.20 -0.59	14.48 0.21 -0.17
ONEIDA___115KV_TB4 55905	13.07 0.34 -0.95	11.47 0.32 -0.88	8.73 0.22 -1.09	8.40 0.20 -1.12	10.16 0.29 -0.92	13.18 0.40 -0.79	18.12 0.63 -1.21	21.70 0.81 -1.59	19.53 0.69 -1.58	21.90 0.77 -0.74	20.75 0.65 -0.85	20.39 0.64 -0.88	19.63 0.60 -0.97	19.39 0.60 -1.13	17.98 0.53 -1.42	16.87 0.51 -1.78	19.20 0.62 -2.24	23.23 0.68 -3.81	29.30 0.95 -2.68	23.49 0.77 -2.00	19.68 0.70 -1.46	18.87 0.65 -1.19	13.21 0.41 -1.43	15.41 0.47 -0.85
ONONDAGA_REF_OCCRA 23987	14.05 0.16 -2.10	12.37 0.14 -1.95	9.92 0.10 -2.40	9.65 0.10 -2.47	11.11 0.13 -2.03	13.91 0.18 -1.74	19.27 0.33 -2.67	23.18 0.37 -3.51	21.08 0.33 -3.49	22.41 0.39 -1.63	21.47 0.35 -1.87	21.15 0.34 -1.94	20.53 0.33 -2.14	20.47 0.32 -2.49	19.46 0.29 -3.15	18.81 0.29 -3.94	21.67 0.38 -4.96	27.52 0.36 -8.41	32.11 0.51 -5.93	25.58 0.44 -4.42	21.11 0.37 -3.22	19.99 0.32 -2.64	14.76 0.23 -3.16	16.25 0.28 -1.88
ONONDAGA___COGEN 23986	14.06 0.21 -2.07	12.39 0.20 -1.92	9.92 0.14 -2.37	9.65 0.13 -2.43	11.12 0.17 -2.00	13.93 0.23 -1.71	19.29 0.39 -2.63	23.20 0.44 -3.46	21.09 0.40 -3.43	22.46 0.47 -1.60	21.52 0.42 -1.84	21.20 0.42 -1.91	20.57 0.40 -2.11	20.50 0.39 -2.45	19.47 0.35 -3.10	18.80 0.35 -3.88	21.65 0.44 -4.87	27.44 0.41 -8.28	32.09 0.59 -5.83	25.57 0.50 -4.34	21.11 0.42 -3.17	20.02 0.39 -2.59	14.75 0.27 -3.11	16.28 0.34 -1.85
ONTARIO___LFGE 23819	14.57 0.34 -2.45	12.84 0.30 -2.27	10.43 0.22 -2.79	10.16 0.21 -2.87	11.59 0.27 -2.36	14.40 0.38 -2.02	20.03 0.65 -3.11	24.12 0.73 -4.08	21.96 0.64 -4.06	23.04 0.76 -1.89	22.09 0.65 -2.18	21.75 0.62 -2.26	21.15 0.60 -2.50	21.16 0.60 -2.91	20.22 0.53 -3.67	19.72 0.55 -4.59	22.81 0.70 -5.77	29.20 0.67 -9.78	33.61 1.05 -6.89	26.71 0.85 -5.13	21.98 0.72 -3.74	20.74 0.65 -3.06	15.49 0.44 -3.67	16.83 0.55 -2.18
ORANGEVILLE_WT_PWR 323706	14.58 0.04 -2.77	12.86 0.02 -2.57	10.60 0.02 -3.16	10.37 0.04 -3.24	11.65 0.03 -2.67	14.35 0.07 -2.29	19.90 0.11 -3.51	23.88 0.11 -4.62	21.80 -0.05 -4.59	22.49 -0.04 -2.14	21.62 -0.10 -2.46	21.41 -0.02 -2.55	20.83 -0.05 -2.82	20.92 -0.02 -3.28	20.13 -0.03 -4.14	19.81 0.04 -5.19	22.94 0.08 -6.52	29.79 -0.02 -11.05	33.51 0.05 -7.79	26.66 0.13 -5.80	21.86 0.11 -4.23	20.58 0.09 -3.46	15.67 0.15 -4.15	16.79 0.22 -2.46
ORANGEVILLE___ESR 323794	14.58 0.04 -2.77	12.86 0.02 -2.57	10.60 0.02 -3.16	10.37 0.04 -3.24	11.65 0.03 -2.67	14.35 0.07 -2.29	19.90 0.11 -3.51	23.88 0.11 -4.62	21.80 -0.05 -4.59	22.49 -0.04 -2.14	21.62 -0.10 -2.46	21.41 -0.02 -2.55	20.83 -0.05 -2.82	20.92 -0.02 -3.28	20.13 -0.03 -4.14	19.81 0.04 -5.19	22.94 0.08 -6.52	29.79 -0.02 -11.05	33.51 0.05 -7.79	26.66 0.13 -5.80	21.86 0.11 -4.23	20.58 0.09 -3.46	15.67 0.15 -4.15	16.79 0.22 -2.46
OSWEGATCHIE___HYD 24044	6.84 -0.33 4.61	6.48 -0.27 3.53	5.40 -0.20 1.81	4.59 -0.21 2.29	5.36 -0.25 3.34	6.53 -0.41 5.05	10.18 -0.52 5.57	12.67 -0.54 6.09	10.69 -0.66 5.92	12.44 -0.84 7.11	14.21 -0.83 4.22	13.90 -0.85 4.12	13.35 -0.83 3.88	13.14 -0.81 3.71	13.71 -0.74 1.57	13.27 -0.67 0.63	16.72 -0.73 -1.12	20.15 -0.73 -2.13	26.19 -0.98 -1.50	18.48 -0.81 1.44	13.60 -0.63 3.29	11.37 -0.60 5.07	9.19 -0.33 1.85	10.85 -0.41 2.84
OSWEGO___5 23606	13.03 -0.14 -1.39	11.44 -0.12 -1.29	8.92 -0.09 -1.59	8.63 -0.08 -1.63	10.19 -0.11 -1.35	13.01 -0.13 -1.15	17.90 -0.15 -1.77	21.40 -0.23 -2.33	19.37 -0.21 -2.32	21.23 -0.24 -1.08	20.27 -0.23 -1.24	19.94 -0.23 -1.29	19.27 -0.22 -1.42	19.10 -0.21 -1.66	17.92 -0.19 -2.09	17.04 -0.16 -2.62	19.46 -0.16 -3.29	24.10 -0.22 -5.57	29.31 -0.28 -3.93	23.42 -0.23 -2.92	19.46 -0.19 -2.13	18.59 -0.19 -1.75	13.36 -0.10 -2.09	15.23 -0.11 -1.24
OSWEGO___6 23613	13.03 -0.14 -1.39	11.44 -0.12 -1.29	8.92 -0.09 -1.59	8.63 -0.08 -1.63	10.19 -0.11 -1.35	13.01 -0.13 -1.15	17.90 -0.15 -1.77	21.40 -0.23 -2.33	19.37 -0.21 -2.32	21.23 -0.24 -1.08	20.27 -0.23 -1.24	19.94 -0.23 -1.29	19.27 -0.22 -1.42	19.10 -0.21 -1.66	17.92 -0.19 -2.09	17.04 -0.16 -2.62	19.46 -0.16 -3.29	24.10 -0.22 -5.57	29.31 -0.28 -3.93	23.42 -0.23 -2.92	19.46 -0.19 -2.13	18.59 -0.19 -1.75	13.36 -0.10 -2.09	15.23 -0.11 -1.24
OUTOKUMPU-AB___DRP 24206	14.32 0.05 -2.49	12.61 0.02 -2.31	10.29 0.02 -2.85	10.05 0.05 -2.92	11.39 0.03 -2.41	14.11 0.06 -2.06	19.47 0.05 -3.15	23.27 -0.19 -4.16	21.24 -0.16 -4.13	22.14 -0.18 -1.93	21.24 -0.23 -2.22	21.06 -0.11 -2.30	20.42 -0.18 -2.54	20.50 -0.11 -2.95	19.64 -0.11 -3.73	19.20 -0.04 -4.66	22.12 -0.08 -5.86	28.42 -0.28 -9.95	32.43 -0.26 -7.02	25.81 -0.15 -5.23	21.28 -0.05 -3.81	20.12 -0.03 -3.12	15.22 0.10 -3.74	16.53 0.21 -2.22
OXBOW___ 24026	14.22 -0.05 -2.48	12.51 -0.06 -2.30	10.22 -0.03 -2.84	9.99 0.00 -2.91	11.32 -0.04 -2.40	14.02 -0.02 -2.05	19.34 -0.06 -3.13	23.06 -0.39 -4.14	21.06 -0.33 -4.12	21.95 -0.37 -1.92	21.06 -0.41 -2.21	20.88 -0.28 -2.29	20.25 -0.34 -2.53	20.34 -0.26 -2.95	19.49 -0.26 -3.72	19.06 -0.17 -4.65	21.94 -0.24 -5.85	28.21 -0.45 -9.91	32.15 -0.51 -7.00	25.58 -0.35 -5.21	21.06 -0.26 -3.80	19.96 -0.19 -3.11	15.11 0.01 -3.73	16.42 0.11 -2.21
OXY_CHEM_DSASP 323612	14.08 -0.18 -2.47	12.39 -0.17 -2.30	10.13 -0.11 -2.83	9.91 -0.08 -2.90	11.21 -0.13 -2.39	13.87 -0.17 -2.05	19.14 -0.24 -3.11	22.79 -0.64 -4.13	20.81 -0.55 -4.10	21.65 -0.65 -1.91	20.80 -0.65 -2.20	20.60 -0.55 -2.28	20.00 -0.58 -2.52	20.09 -0.49 -2.93	19.24 -0.48 -3.70	18.83 -0.38 -4.63	21.67 -0.47 -5.81	27.90 -0.71 -9.86	31.74 -0.90 -6.97	25.25 -0.66 -5.18	20.81 -0.49 -3.79	19.72 -0.41 -3.10	14.95 -0.14 -3.71	16.26 -0.04 -2.20
OZONE_PARK_ESR 323760	22.19 0.98 -9.44	19.85 0.82 -8.76	18.79 0.59 -10.78	18.71 0.56 -11.06	18.75 0.68 -9.12	20.70 0.90 -7.81	29.54 1.29 -11.98	36.71 1.66 -15.75	34.47 1.57 -15.64	29.71 2.02 -7.29	29.62 1.98 -8.39	29.57 2.00 -8.70	29.56 1.90 -9.60	30.68 1.84 -11.18	31.80 1.67 -14.11	33.73 1.49 -17.66	40.12 1.57 -22.21	58.33 1.86 -37.72	54.74 2.49 -26.59	42.52 1.99 -19.80	33.54 1.58 -14.44	30.45 1.60 -11.82	26.52 0.98 -14.17	23.72 1.21 -8.41
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	14.08 -0.18 -2.47	12.39 -0.17 -2.30	10.13 -0.11 -2.83	9.91 -0.08 -2.90	11.21 -0.13 -2.39	13.87 -0.17 -2.05	19.14 -0.24 -3.11	22.79 -0.64 -4.13	20.81 -0.55 -4.10	21.65 -0.65 -1.91	20.80 -0.65 -2.20	20.60 -0.55 -2.28	20.00 -0.58 -2.52	20.09 -0.49 -2.93	19.24 -0.48 -3.70	18.83 -0.38 -4.63	21.67 -0.47 -5.81	27.90 -0.71 -9.86	31.74 -0.90 -6.97	25.25 -0.66 -5.18	20.81 -0.49 -3.79	19.72 -0.41 -3.10	14.95 -0.14 -3.71	16.26 -0.04 -2.20

PACKARD__115KV_DUPONT_184 80571	14.08 -0.18 -2.47	12.39 -0.17 -2.30	10.13 -0.11 -2.83	9.91 -0.08 -2.90	11.21 -0.13 -2.39	13.87 -0.17 -2.05	19.14 -0.24 -3.11	22.79 -0.64 -4.13	20.81 -0.55 -4.10	21.65 -0.65 -1.91	20.80 -0.65 -2.20	20.60 -0.55 -2.28	20.00 -0.58 -2.52	20.09 -0.49 -2.93	19.24 -0.48 -3.70	18.83 -0.38 -4.63	21.67 -0.47 -5.81	27.90 -0.71 -9.86	31.74 -0.90 -6.97	25.25 -0.66 -5.18	20.81 -0.49 -3.79	19.72 -0.41 -3.10	14.95 -0.14 -3.71	16.26 -0.04 -2.20
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.09 0.87 -9.44	19.74 0.71 -8.76	18.74 0.55 -10.78	18.65 0.50 -11.06	18.67 0.60 -9.12	20.51 0.71 -7.81	29.25 0.99 -11.98	36.35 1.29 -15.75	34.20 1.29 -15.64	29.34 1.65 -7.29	29.32 1.67 -8.39	29.27 1.70 -8.70	29.29 1.63 -9.60	30.43 1.59 -11.18	31.59 1.46 -14.11	33.52 1.28 -17.66	39.81 1.26 -22.21	58.01 1.54 -37.72	54.28 2.03 -26.59	42.12 1.60 -19.80	33.22 1.26 -14.44	30.15 1.29 -11.82	26.33 0.78 -14.17	23.52 1.01 -8.41
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.19 0.98 -9.44	19.83 0.80 -8.76	18.82 0.62 -10.78	18.71 0.57 -11.06	18.75 0.68 -9.12	20.60 0.80 -7.81	29.39 1.14 -11.98	36.54 1.49 -15.75	34.37 1.47 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.44 1.87 -8.70	29.44 1.77 -9.60	30.57 1.73 -11.18	31.74 1.60 -14.11	33.65 1.41 -17.66	39.95 1.40 -22.21	58.09 1.61 -37.72	54.38 2.13 -26.59	42.23 1.70 -19.80	33.38 1.42 -14.44	30.28 1.43 -11.82	26.43 0.89 -14.17	23.65 1.14 -8.41
PATROON__115KV_TB1 80586	23.89 0.41 -11.70	21.50 0.37 -10.86	21.04 0.26 -13.37	21.05 0.25 -13.72	20.58 0.32 -11.31	22.13 0.46 -9.68	31.75 0.62 -14.86	39.59 0.75 -19.53	37.31 0.66 -19.39	30.17 0.73 -9.05	30.33 0.67 -10.40	30.30 0.64 -10.79	30.60 0.63 -11.91	32.16 0.64 -13.87	34.08 0.56 -17.50	36.98 0.50 -21.90	44.47 0.59 -27.55	66.19 0.66 -46.79	59.54 0.90 -32.97	46.01 0.73 -24.56	36.06 0.63 -17.91	32.29 0.60 -14.66	29.34 0.40 -17.57	25.02 0.49 -10.43
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	14.25 -0.14 -2.61	12.55 -0.14 -2.42	10.30 -0.10 -2.98	10.07 -0.07 -3.06	11.36 -0.12 -2.52	14.03 -0.12 -2.16	19.44 -0.15 -3.31	23.33 -0.33 -4.35	21.27 -0.31 -4.32	22.04 -0.37 -2.02	21.19 -0.39 -2.32	21.01 -0.26 -2.40	20.37 -0.34 -2.65	20.48 -0.26 -3.09	19.68 -0.24 -3.90	19.30 -0.16 -4.88	22.31 -0.16 -6.14	28.84 -0.34 -10.42	32.66 -0.36 -7.35	25.97 -0.23 -5.47	21.35 -0.16 -3.99	20.11 -0.19 -3.27	15.26 -0.02 -3.92	16.45 0.03 -2.32
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.12 0.87 -9.47	19.81 0.74 -8.79	18.77 0.53 -10.82	18.70 0.51 -11.11	18.73 0.62 -9.16	20.63 0.80 -7.84	29.36 1.06 -12.03	36.53 1.41 -15.82	34.31 1.35 -15.70	29.37 1.65 -7.32	29.33 1.66 -8.42	29.23 1.62 -8.73	29.26 1.55 -9.64	30.40 1.52 -11.23	31.59 1.39 -14.17	33.58 1.27 -17.73	39.98 1.34 -22.30	58.17 1.54 -37.88	54.47 2.10 -26.69	42.29 1.68 -19.88	33.42 1.40 -14.50	30.25 1.35 -11.87	26.39 0.80 -14.23	23.51 0.97 -8.44
PEEKSKILL____ 23653	21.83 0.78 -9.27	19.53 0.66 -8.61	18.49 0.48 -10.59	18.41 0.46 -10.87	18.47 0.56 -8.96	20.39 0.73 -7.67	29.06 1.01 -11.77	36.09 1.31 -15.48	33.87 1.24 -15.37	29.13 1.57 -7.17	29.04 1.54 -8.24	28.95 1.53 -8.55	28.96 1.46 -9.44	30.06 1.41 -10.99	31.17 1.28 -13.87	33.09 1.15 -17.36	39.39 1.23 -21.83	57.24 1.42 -37.06	53.71 1.93 -26.12	41.74 1.56 -19.45	32.95 1.24 -14.19	29.89 1.24 -11.61	26.04 0.75 -13.92	23.29 0.93 -8.26
PGE MADISON__WINDPWR 24146	16.35 0.79 -3.79	14.53 0.75 -3.51	12.26 0.52 -4.32	12.00 0.48 -4.44	13.30 0.69 -3.66	16.09 0.97 -3.13	22.61 1.53 -4.81	27.63 2.01 -6.32	25.23 1.69 -6.28	25.28 1.96 -2.93	24.26 1.64 -3.37	23.91 1.55 -3.49	23.34 1.43 -3.86	23.60 1.45 -4.49	23.02 1.33 -5.67	22.97 1.30 -7.09	26.81 1.55 -8.92	35.74 1.86 -15.13	38.98 2.64 -10.67	30.74 2.07 -7.94	25.03 1.72 -5.79	23.34 1.57 -4.74	18.07 1.01 -5.68	18.65 1.18 -3.37
PIERCEFIELD____HYD 23852	3.82 -0.49 7.47	4.05 -0.42 5.80	3.80 -0.30 3.31	2.73 -0.30 4.05	3.01 -0.41 5.53	3.27 -0.67 8.05	6.25 -0.96 9.07	8.13 -1.12 10.05	6.59 -1.19 9.48	8.05 -1.45 10.90	11.27 -1.35 6.63	11.01 -1.36 6.50	10.56 -1.32 6.18	10.37 -1.29 6.00	11.90 -1.17 2.95	11.78 -1.09 1.71	15.82 -1.23 -0.71	18.67 -1.29 -1.21	24.73 -1.80 -0.85	16.05 -1.45 3.23	10.58 -1.19 5.75	7.64 -1.09 8.30	7.21 -0.60 3.56	8.65 -0.70 4.74
PINELAWN_CC_1 323563	31.27 1.13 -18.36	24.16 0.97 -12.92	20.43 0.70 -12.30	21.32 0.67 -13.57	23.32 0.82 -13.54	28.04 1.09 -14.95	31.17 1.56 -13.33	36.81 1.76 -15.75	34.61 1.62 -15.72	31.97 2.14 -9.44	29.85 2.04 -8.56	29.77 2.02 -8.87	29.67 1.86 -9.75	30.72 1.75 -11.31	31.82 1.60 -14.19	33.81 1.46 -17.77	40.22 1.55 -22.33	58.40 1.93 -37.72	56.54 2.62 -28.25	43.20 2.09 -20.38	34.21 1.70 -15.00	35.03 1.74 -16.26	33.50 1.10 -21.03	28.98 1.37 -13.52
PJM_GEN_HTP_PROXY 323702	22.11 0.89 -9.44	19.79 0.76 -8.76	18.74 0.55 -10.78	18.67 0.52 -11.06	18.70 0.63 -9.12	20.64 0.84 -7.81	29.44 1.19 -11.98	36.56 1.51 -15.75	34.35 1.45 -15.64	29.56 1.88 -7.30	29.47 1.83 -8.39	29.42 1.85 -8.70	29.42 1.75 -9.61	30.52 1.68 -11.18	31.67 1.54 -14.11	33.61 1.37 -17.66	39.99 1.44 -22.22	58.15 1.67 -37.72	54.48 2.23 -26.59	42.31 1.78 -19.80	33.38 1.42 -14.44	30.30 1.45 -11.82	26.43 0.89 -14.17	23.61 1.10 -8.41
PJM_GEN_KEystone 24065	18.15 0.35 -6.02	16.16 0.30 -5.59	14.51 0.22 -6.88	14.36 0.22 -7.06	15.02 0.25 -5.82	17.31 0.34 -4.98	24.39 0.47 -7.64	29.89 0.54 -10.05	27.76 0.52 -9.98	25.72 0.67 -4.66	25.24 0.63 -5.35	25.10 0.68 -5.55	24.80 0.61 -6.13	25.41 0.62 -7.14	25.59 0.56 -9.01	26.38 0.52 -11.27	31.08 0.57 -14.18	43.42 0.60 -24.07	43.47 0.85 -16.96	34.06 0.71 -12.63	27.31 0.58 -9.21	25.15 0.58 -7.54	20.80 0.39 -9.04	19.97 0.51 -5.37
PJM_GEN_NEPTUNE_PROXY 323594	26.03 0.94 -13.30	21.64 0.80 -10.56	19.44 0.59 -11.44	19.79 0.56 -12.15	20.67 0.68 -11.04	23.79 0.90 -10.90	30.13 1.29 -12.57	36.57 1.52 -15.75	34.33 1.43 -15.64	30.48 1.90 -8.19	29.45 1.81 -8.39	29.38 1.81 -8.70	29.36 1.70 -9.60	30.43 1.59 -11.18	31.58 1.44 -14.11	33.54 1.30 -17.66	39.93 1.39 -22.21	58.08 1.61 -37.71	54.48 2.23 -26.58	42.33 1.80 -19.79	33.43 1.47 -14.44	32.27 1.50 -13.74	29.43 0.92 -17.14	25.87 1.16 -10.62
PJM_GEN_VFT_PROXY 323633	22.04 0.82 -9.44	19.72 0.69 -8.76	18.70 0.50 -10.78	18.63 0.48 -11.06	18.65 0.57 -9.12	20.57 0.77 -7.81	29.33 1.07 -11.98	36.42 1.37 -15.75	34.23 1.33 -15.64	29.46 1.77 -7.30	29.38 1.73 -8.39	29.33 1.76 -8.70	29.33 1.66 -9.61	30.43 1.59 -11.18	31.56 1.43 -14.11	33.51 1.27 -17.66	39.87 1.32 -22.22	58.01 1.54 -37.72	54.31 2.05 -26.59	42.17 1.64 -19.80	33.28 1.31 -14.44	30.22 1.36 -11.82	26.37 0.83 -14.17	23.54 1.03 -8.41
PLATSBURG_115KV_PMLD1 355749	1.26 -0.55 9.97	1.98 -0.49 7.80	2.37 -0.35 4.69	1.06 -0.37 5.65	1.02 -0.46 7.48	0.71 -0.64 10.65	3.23 -0.91 12.13	4.42 -1.33 13.55	3.27 -1.28 12.71	4.70 -1.51 14.18	9.38 -1.08 8.79	9.10 -1.13 8.64	8.78 -1.01 8.27	8.48 -1.08 8.10	10.76 -0.93 4.33	10.76 -0.92 2.90	15.31 -1.03 0.00	17.83 -0.92 0.00	24.28 -1.39 0.00	14.59 -1.18 4.96	8.46 -1.09 7.98	4.80 -1.09 11.14	5.49 -0.73 5.15	6.73 -0.93 6.43

PLEASANTVLY___LBMP 24000	22.31 0.72 -9.81	20.00 0.62 -9.11	19.08 0.45 -11.21	19.02 0.43 -11.51	18.96 0.52 -9.48	20.81 0.70 -8.12	29.68 0.94 -12.46	36.92 1.24 -16.38	34.67 1.14 -16.26	29.41 1.43 -7.59	29.36 1.39 -8.73	29.29 1.38 -9.05	29.35 1.30 -9.99	30.56 1.27 -11.63	31.85 1.15 -14.68	33.98 1.04 -18.37	40.55 1.11 -23.10	59.28 1.29 -39.23	55.06 1.75 -27.65	42.73 1.41 -20.59	33.70 1.16 -15.02	30.47 1.14 -12.29	26.80 0.69 -14.74	23.70 0.86 -8.75
PLSNTVLE_13_KV_13.8KVDIST 80602	22.09 0.82 -9.48	19.77 0.70 -8.80	18.76 0.50 -10.83	18.69 0.48 -11.12	18.70 0.58 -9.17	20.62 0.78 -7.85	29.39 1.07 -12.04	36.54 1.41 -15.83	34.31 1.33 -15.72	29.40 1.67 -7.33	29.32 1.64 -8.43	29.26 1.64 -8.74	29.27 1.55 -9.65	30.40 1.50 -11.24	31.58 1.38 -14.18	33.56 1.22 -17.75	39.99 1.32 -22.33	58.19 1.52 -37.92	54.44 2.05 -26.72	42.29 1.66 -19.90	33.37 1.33 -14.52	30.24 1.33 -11.88	26.41 0.80 -14.24	23.54 0.99 -8.45
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.09 0.82 -9.48	19.77 0.70 -8.80	18.76 0.50 -10.83	18.69 0.48 -11.12	18.70 0.58 -9.17	20.62 0.78 -7.85	29.39 1.07 -12.04	36.54 1.41 -15.83	34.31 1.33 -15.72	29.40 1.67 -7.33	29.32 1.64 -8.43	29.26 1.64 -8.74	29.27 1.55 -9.65	30.40 1.50 -11.24	31.58 1.38 -14.18	33.56 1.22 -17.75	39.99 1.32 -22.33	58.19 1.52 -37.92	54.44 2.05 -26.72	42.29 1.66 -19.90	33.37 1.33 -14.52	30.24 1.33 -11.88	26.41 0.80 -14.24	23.54 0.99 -8.45
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.12 0.78 -9.56	19.81 0.67 -8.88	18.81 0.47 -10.92	18.76 0.46 -11.21	18.75 0.56 -9.24	20.62 0.72 -7.91	29.38 0.96 -12.14	36.54 1.27 -15.96	34.28 1.17 -15.85	29.21 1.43 -7.39	29.16 1.41 -8.50	29.08 1.40 -8.81	29.13 1.34 -9.73	30.29 1.31 -11.33	31.51 1.19 -14.30	33.54 1.06 -17.90	40.02 1.18 -22.51	58.35 1.37 -38.23	54.40 1.80 -26.94	42.26 1.47 -20.06	33.40 1.24 -14.64	30.24 1.23 -11.98	26.46 0.73 -14.36	23.52 0.90 -8.52
POLETTI____ 23519	22.11 0.90 -9.44	19.78 0.75 -8.76	18.74 0.55 -10.78	18.67 0.52 -11.06	18.70 0.63 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.56 1.51 -15.75	34.33 1.43 -15.64	29.54 1.86 -7.29	29.47 1.83 -8.39	29.40 1.83 -8.70	29.42 1.75 -9.60	30.52 1.68 -11.18	31.67 1.54 -14.11	33.60 1.36 -17.66	39.97 1.42 -22.21	58.15 1.67 -37.72	54.49 2.23 -26.59	42.31 1.78 -19.80	33.38 1.42 -14.44	30.30 1.45 -11.82	26.43 0.89 -14.17	23.62 1.11 -8.41
POMONA___ESR 323819	21.12 0.71 -8.63	18.89 0.61 -8.01	17.72 0.44 -9.86	17.63 0.42 -10.12	17.81 0.51 -8.34	19.79 0.66 -7.14	28.13 0.89 -10.96	34.89 1.18 -14.41	32.69 1.12 -14.31	28.47 1.41 -6.67	28.30 1.37 -7.68	28.21 1.38 -7.96	28.17 1.32 -8.79	29.16 1.27 -10.23	30.09 1.15 -12.91	31.78 1.04 -16.16	37.79 1.13 -20.33	54.58 1.31 -34.51	51.71 1.72 -24.32	40.25 1.41 -18.11	31.89 1.16 -13.21	28.99 1.14 -10.82	25.02 0.68 -12.96	22.64 0.85 -7.69
PORT_JEFF_3 23555	31.30 1.16 -18.36	24.18 0.99 -12.92	20.44 0.72 -12.30	21.33 0.68 -13.57	23.33 0.83 -13.54	28.06 1.12 -14.95	31.20 1.60 -13.33	36.93 1.76 -15.87	36.46 1.61 -17.59	33.69 2.20 -11.09	33.54 2.04 -12.25	33.54 2.04 -12.63	32.89 1.91 -12.92	33.54 1.77 -14.12	33.54 1.60 -15.91	36.13 1.41 -20.14	42.72 1.49 -24.89	58.35 1.84 -37.76	91.82 2.49 -63.67	55.47 1.99 -32.75	45.94 1.63 -26.79	35.15 1.74 -16.38	33.54 1.10 -21.07	29.09 1.44 -13.56
PORT_JEFF_4 23616	31.30 1.16 -18.36	24.18 0.99 -12.92	20.44 0.72 -12.30	21.33 0.68 -13.57	23.33 0.83 -13.54	28.06 1.12 -14.95	31.20 1.60 -13.33	36.93 1.76 -15.87	36.46 1.61 -17.59	33.69 2.20 -11.09	33.54 2.04 -12.25	33.54 2.04 -12.63	32.89 1.91 -12.92	33.54 1.77 -14.12	33.54 1.60 -15.91	36.13 1.41 -20.14	42.72 1.49 -24.89	58.35 1.84 -37.76	91.82 2.49 -63.67	55.47 1.99 -32.75	45.94 1.63 -26.79	35.15 1.74 -16.38	33.54 1.10 -21.07	29.09 1.44 -13.56
PORT_JEFF_IC 23713	31.31 1.17 -18.36	24.19 1.00 -12.92	20.46 0.73 -12.30	21.34 0.69 -13.57	23.35 0.85 -13.54	28.08 1.14 -14.95	31.23 1.63 -13.33	36.99 1.81 -15.88	36.62 1.66 -17.70	33.84 2.26 -11.18	33.80 2.10 -12.45	33.81 2.09 -12.84	33.12 1.97 -13.09	33.75 1.82 -14.27	33.68 1.65 -16.01	36.32 1.47 -20.27	42.94 1.57 -25.04	58.44 1.93 -37.76	93.93 2.62 -65.64	56.27 2.09 -33.44	46.67 1.70 -27.45	35.21 1.79 -16.39	33.58 1.14 -21.07	29.12 1.47 -13.56
PPL PILGRIM_ST_GT1 24216	31.37 1.22 -18.36	24.24 1.05 -12.92	20.48 0.76 -12.30	21.37 0.72 -13.57	23.39 0.90 -13.54	28.14 1.20 -14.95	31.33 1.72 -13.33	36.72 1.66 -15.76	34.60 1.50 -15.83	31.97 2.04 -9.53	29.95 1.92 -8.78	29.87 1.91 -9.09	29.75 1.75 -9.94	30.78 1.64 -11.48	31.80 1.49 -14.29	33.84 1.36 -17.91	40.20 1.39 -22.48	58.35 1.88 -37.72	58.32 2.34 -30.32	43.70 1.87 -21.10	34.78 1.58 -15.69	34.95 1.65 -16.27	33.53 1.13 -21.03	28.95 1.34 -13.52
PPL PILGRIM_ST_GT2 24217	31.37 1.22 -18.36	24.24 1.05 -12.92	20.48 0.76 -12.30	21.37 0.72 -13.57	23.39 0.90 -13.54	28.14 1.20 -14.95	31.33 1.72 -13.33	36.72 1.66 -15.76	34.60 1.50 -15.83	31.97 2.04 -9.53	29.95 1.92 -8.78	29.87 1.91 -9.09	29.75 1.75 -9.94	30.78 1.64 -11.48	31.80 1.49 -14.29	33.84 1.36 -17.91	40.20 1.39 -22.48	58.35 1.88 -37.72	58.32 2.34 -30.32	43.70 1.87 -21.10	34.78 1.58 -15.69	34.95 1.65 -16.27	33.53 1.13 -21.03	28.95 1.34 -13.52
PPL_SHRM_GT3 24213	31.37 1.22 -18.36	24.24 1.05 -12.92	20.49 0.77 -12.30	21.38 0.73 -13.57	23.39 0.90 -13.54	28.14 1.20 -14.95	31.33 1.72 -13.33	37.14 1.97 -15.87	36.64 1.80 -17.58	33.86 2.38 -11.08	33.72 2.25 -12.22	33.72 2.24 -12.60	33.05 2.09 -12.89	33.70 1.94 -14.10	33.69 1.76 -15.90	36.30 1.60 -20.12	42.96 1.75 -24.88	58.54 2.03 -37.76	91.82 2.75 -63.41	55.61 2.22 -32.66	46.13 1.91 -26.70	35.37 1.96 -16.38	33.65 1.22 -21.07	29.22 1.56 -13.56
PPL_SHRM_GT4 24214	31.37 1.22 -18.36	24.24 1.05 -12.92	20.49 0.77 -12.30	21.38 0.73 -13.57	23.39 0.90 -13.54	28.14 1.20 -14.95	31.33 1.72 -13.33	37.14 1.97 -15.87	36.64 1.80 -17.58	33.86 2.38 -11.08	33.72 2.25 -12.22	33.72 2.24 -12.60	33.05 2.09 -12.89	33.70 1.94 -14.10	33.69 1.76 -15.90	36.30 1.60 -20.12	42.96 1.75 -24.88	58.54 2.03 -37.76	91.82 2.75 -63.41	55.61 2.22 -32.66	46.13 1.91 -26.70	35.37 1.96 -16.38	33.65 1.22 -21.07	29.22 1.56 -13.56
PROJECT___ORANGE 1 24174	13.83 0.13 -1.92	12.17 0.11 -1.78	9.69 0.08 -2.19	9.41 0.08 -2.25	10.91 0.10 -1.86	13.71 0.13 -1.59	18.98 0.26 -2.44	22.78 0.27 -3.21	20.69 0.24 -3.18	22.18 0.31 -1.49	21.23 0.27 -1.71	20.91 0.26 -1.77	20.29 0.27 -1.96	20.20 0.26 -2.28	19.12 0.22 -2.87	18.41 0.23 -3.60	21.15 0.29 -4.52	26.70 0.26 -7.68	31.47 0.39 -5.41	25.07 0.31 -4.03	20.72 0.26 -2.94	19.68 0.24 -2.41	14.44 0.18 -2.89	16.03 0.23 -1.71
PROJECT___ORANGE 2 24166	13.83 0.13 -1.92	12.17 0.11 -1.78	9.69 0.08 -2.19	9.41 0.08 -2.25	10.91 0.10 -1.86	13.71 0.13 -1.59	18.98 0.26 -2.44	22.78 0.27 -3.21	20.69 0.24 -3.18	22.18 0.31 -1.49	21.23 0.27 -1.71	20.91 0.26 -1.77	20.29 0.27 -1.96	20.20 0.26 -2.28	19.12 0.22 -2.87	18.41 0.23 -3.60	21.15 0.29 -4.52	26.70 0.26 -7.68	31.47 0.39 -5.41	25.07 0.31 -4.03	20.72 0.26 -2.94	19.68 0.24 -2.41	14.44 0.18 -2.89	16.03 0.23 -1.71

PUCKETT___SOLAR 323809	16.25	14.41	12.30	12.08	13.20	15.82	22.17	26.97	24.75	24.46	23.65	23.35	22.86	23.13	22.68	22.74	26.61	35.73	38.32	30.23	24.56	22.91	17.96	18.35
	0.46	0.41	0.30	0.28	0.37	0.50	0.80	0.96	0.83	0.96	0.83	0.77	0.70	0.71	0.64	0.64	0.82	0.92	1.33	1.08	0.89	0.85	0.56	0.68
	-4.02	-3.73	-4.59	-4.71	-3.88	-3.32	-5.10	-6.70	-6.66	-3.11	-3.57	-3.70	-4.09	-4.76	-6.01	-7.52	-9.46	-16.05	-11.31	-8.43	-6.15	-5.03	-6.03	-3.58
PYRITES___HYD 24023	4.02	4.25	3.93	2.84	3.19	3.51	6.64	8.64	7.01	8.48	11.64	11.35	10.87	10.69	12.19	12.06	16.15	19.07	25.32	16.51	11.00	8.02	7.45	8.92
	-0.29	-0.23	-0.18	-0.19	-0.23	-0.43	-0.57	-0.62	-0.78	-1.02	-0.98	-1.02	-1.01	-0.97	-0.88	-0.82	-0.90	-0.90	-1.21	-0.99	-0.77	-0.72	-0.36	-0.44
	7.47	5.80	3.31	4.05	5.53	8.05	9.07	10.05	9.48	10.90	6.63	6.50	6.18	6.00	2.95	1.71	-0.71	-1.21	-0.85	3.23	5.75	8.30	3.56	4.74
QUAKERRD_115KV_BK1 80622	13.89	12.22	9.87	9.61	11.01	13.74	19.01	22.79	20.81	21.95	21.01	20.71	20.13	20.10	19.18	18.62	21.41	27.36	31.70	25.25	20.81	19.68	14.64	16.07
	-0.08	-0.09	-0.06	-0.05	-0.06	-0.07	-0.05	-0.17	-0.09	-0.14	-0.19	-0.19	-0.16	-0.16	-0.13	-0.07	-0.10	-0.17	-0.15	-0.08	-0.07	-0.10	-0.02	0.01
	-2.20	-2.04	-2.51	-2.57	-2.12	-1.82	-2.79	-3.67	-3.64	-1.70	-1.95	-2.02	-2.24	-2.60	-3.28	-4.11	-5.17	-8.78	-6.19	-4.61	-3.36	-2.75	-3.30	-1.96
QUENSBRY_115KV_TB8 356137	24.48	22.02	21.62	21.64	21.24	22.89	32.88	41.07	38.69	31.40	31.50	31.43	31.69	33.30	35.27	38.25	45.84	68.20	61.45	47.43	37.15	33.17	30.09	25.60
	0.67	0.59	0.47	0.45	0.66	0.95	1.33	1.70	1.50	1.71	1.56	1.47	1.39	1.39	1.27	1.17	1.19	1.37	1.90	1.47	1.23	1.07	0.66	0.79
	-12.03	-11.16	-13.74	-14.10	-11.62	-9.95	-15.27	-20.07	-19.93	-9.30	-10.69	-11.08	-12.24	-14.25	-17.98	-22.51	-28.31	-48.08	-33.88	-25.23	-18.41	-15.06	-18.06	-10.72
RAMAPO___LBMP 323565	21.13	18.90	17.74	17.65	17.83	19.80	28.16	34.92	32.71	28.47	28.31	28.21	28.17	29.17	30.12	31.80	37.82	54.64	51.77	40.27	31.90	29.00	25.04	22.64
	0.69	0.60	0.44	0.42	0.51	0.65	0.90	1.18	1.10	1.39	1.37	1.36	1.30	1.25	1.15	1.02	1.11	1.29	1.72	1.39	1.14	1.12	0.67	0.83
	-8.65	-8.03	-9.88	-10.15	-8.36	-7.16	-10.99	-14.44	-14.34	-6.69	-7.69	-7.98	-8.81	-10.25	-12.94	-16.20	-20.37	-34.59	-24.38	-18.16	-13.25	-10.84	-12.99	-7.71
RANKINE____ 23646	14.38	12.67	10.38	10.14	11.46	14.17	19.63	23.49	21.44	22.25	21.37	21.19	20.56	20.66	19.82	19.42	22.41	28.92	32.84	26.12	21.50	20.28	15.37	16.62
	0.02	0.00	0.01	0.04	0.02	0.05	0.08	-0.12	-0.10	-0.14	-0.17	-0.06	-0.13	-0.05	-0.06	0.01	0.00	-0.15	-0.10	-0.02	0.04	0.02	0.13	0.23
	-2.58	-2.40	-2.95	-3.03	-2.49	-2.13	-3.27	-4.31	-4.28	-1.99	-2.29	-2.38	-2.63	-3.06	-3.86	-4.83	-6.07	-10.31	-7.27	-5.41	-3.95	-3.23	-3.87	-2.30
RAVENSWOOD_GT2_1 24244	22.17	19.83	18.78	18.70	18.74	20.69	29.51	36.67	34.45	29.67	29.59	29.53	29.53	30.64	31.78	33.71	40.08	58.30	54.69	42.48	33.50	30.40	26.48	23.69
	0.95	0.80	0.59	0.55	0.67	0.89	1.25	1.62	1.55	1.98	1.94	1.96	1.86	1.80	1.65	1.47	1.54	1.82	2.44	1.95	1.54	1.55	0.94	1.18
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.81	-11.98	-15.75	-15.64	-7.29	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
RAVENSWOOD_GT2_2 24245	22.17	19.83	18.78	18.70	18.74	20.69	29.51	36.67	34.45	29.67	29.59	29.53	29.53	30.64	31.78	33.71	40.08	58.30	54.69	42.48	33.50	30.40	26.48	23.69
	0.95	0.80	0.59	0.55	0.67	0.89	1.25	1.62	1.55	1.98	1.94	1.96	1.86	1.80	1.65	1.47	1.54	1.82	2.44	1.95	1.54	1.55	0.94	1.18
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.81	-11.98	-15.75	-15.64	-7.29	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
RAVENSWOOD_GT2_3 24246	22.10	19.78	18.74	18.66	18.69	20.63	29.41	36.54	34.33	29.52	29.45	29.38	29.38	30.50	31.64	33.58	39.95	58.13	54.46	42.31	33.38	30.28	26.42	23.59
	0.88	0.75	0.55	0.52	0.62	0.83	1.16	1.49	1.43	1.84	1.81	1.81	1.72	1.66	1.51	1.34	1.40	1.65	2.21	1.78	1.42	1.43	0.88	1.09
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.81	-11.98	-15.75	-15.64	-7.29	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
RAVENSWOOD_GT2_4 24247	22.10	19.78	18.74	18.66	18.69	20.63	29.41	36.54	34.33	29.52	29.45	29.38	29.38	30.50	31.64	33.58	39.95	58.13	54.46	42.31	33.38	30.28	26.42	23.59
	0.88	0.75	0.55	0.52	0.62	0.83	1.16	1.49	1.43	1.84	1.81	1.81	1.72	1.66	1.51	1.34	1.40	1.65	2.21	1.78	1.42	1.43	0.88	1.09
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.81	-11.98	-15.75	-15.64	-7.29	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
RAVENSWOOD_GT3_1 24248	22.10	19.77	18.74	18.66	18.69	20.61	29.41	36.54	34.32	29.52	29.45	29.38	29.38	30.50	31.64	33.58	39.95	58.13	54.46	42.29	33.36	30.28	26.42	23.59
	0.88	0.74	0.55	0.52	0.62	0.82	1.16	1.49	1.42	1.84	1.81	1.81	1.72	1.66	1.51	1.34	1.40	1.65	2.21	1.76	1.40	1.43	0.88	1.09
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.81	-11.98	-15.75	-15.64	-7.29	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
RAVENSWOOD_GT3_2 24249	22.10	19.77	18.74	18.66	18.69	20.61	29.41	36.54	34.32	29.52	29.45	29.38	29.38	30.50	31.64	33.58	39.95	58.13	54.46	42.29	33.36	30.28	26.42	23.59
	0.88	0.74	0.55	0.52	0.62	0.82	1.16	1.49	1.42	1.84	1.81	1.81	1.72	1.66	1.51	1.34	1.40	1.65	2.21	1.76	1.40	1.43	0.88	1.09
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.81	-11.98	-15.75	-15.64	-7.29	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
RAVENSWOOD_GT3_3 24250	22.11	19.79	18.75	18.67	18.70	20.63	29.43	36.56	34.35	29.54	29.47	29.42	29.42	30.53	31.67	33.61	39.99	58.16	54.51	42.33	33.40	30.32	26.43	23.62
	0.90	0.76	0.56	0.52	0.63	0.83	1.17	1.51	1.45	1.86	1.83	1.85	1.75	1.70	1.54	1.37	1.44	1.69	2.26	1.80	1.44	1.46	0.89	1.11
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.81	-11.98	-15.75	-15.64	-7.29	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
RAVENSWOOD_GT3_4 24251	22.11	19.79	18.75	18.67	18.70	20.63	29.43	36.56	34.35	29.54	29.47	29.42	29.42	30.53	31.67	33.61	39.99	58.16	54.51	42.33	33.40	30.32	26.43	23.62
	0.90	0.76	0.56	0.52	0.63	0.83	1.17	1.51	1.45	1.86	1.83	1.85	1.75	1.70	1.54	1.37	1.44	1.69	2.26	1.80	1.44	1.46	0.89	1.11
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.81	-11.98	-15.75	-15.64	-7.29	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41
RAVENSWOOD_GT_1 23729	22.11	19.77	18.75	18.66	18.69	20.57	29.35	36.46	34.28	29.46	29.41	29.38	29.38	30.52	31.67	33.60	39.90	58.11	54.41	42.23	33.33	30.23	26.39	23.58
	0.90	0.74	0.56	0.52	0.62	0.77	1.09	1.41	1.38	1.77	1.77	1.81	1.72	1.68	1.54	1.36	1.36	1.63	2.16	1.70	1.37	1.38	0.85	1.07
	-9.44	-8.76	-10.78	-11.06	-9.12	-7.81	-11.98	-15.75	-15.64	-7.29	-8.39	-8.70	-9.60	-11.18	-14.11	-17.66	-22.21	-37.72	-26.59	-19.80	-14.44	-11.82	-14.17	-8.41

RAVENSWOOD_GT_10 24258	22.17 0.95 -9.44	19.83 0.80 -8.76	18.78 0.59 -10.78	18.70 0.55 -11.06	18.74 0.67 -9.12	20.69 0.89 -7.81	29.51 1.25 -11.98	36.67 1.62 -15.75	34.45 1.55 -15.64	29.67 1.98 -7.29	29.59 1.94 -8.39	29.53 1.96 -8.70	29.53 1.86 -9.60	30.64 1.80 -11.18	31.78 1.65 -14.11	33.71 1.47 -17.66	40.08 1.54 -22.21	58.30 1.82 -37.72	54.69 2.44 -26.59	42.48 1.95 -19.80	33.50 1.54 -14.44	30.40 1.55 -11.82	26.48 0.94 -14.17	23.69 1.18 -8.41
RAVENSWOOD_GT_11 24259	22.17 0.95 -9.44	19.83 0.80 -8.76	18.78 0.59 -10.78	18.70 0.55 -11.06	18.74 0.67 -9.12	20.69 0.89 -7.81	29.51 1.25 -11.98	36.67 1.62 -15.75	34.45 1.55 -15.64	29.67 1.98 -7.29	29.59 1.94 -8.39	29.53 1.96 -8.70	29.53 1.86 -9.60	30.64 1.80 -11.18	31.78 1.65 -14.11	33.71 1.47 -17.66	40.08 1.54 -22.21	58.30 1.82 -37.72	54.69 2.44 -26.59	42.48 1.95 -19.80	33.50 1.54 -14.44	30.40 1.55 -11.82	26.48 0.94 -14.17	23.69 1.18 -8.41
RAVENSWOOD_GT_4 24252	22.10 0.88 -9.44	19.78 0.75 -8.76	18.74 0.54 -10.78	18.66 0.52 -11.06	18.69 0.62 -9.12	20.63 0.83 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.32 1.42 -15.64	29.52 1.84 -7.29	29.45 1.81 -8.39	29.38 1.81 -8.70	29.38 1.72 -9.60	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.97 1.42 -22.21	58.13 1.65 -37.72	54.46 2.21 -26.59	42.31 1.78 -19.80	33.38 1.42 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
RAVENSWOOD_GT_5 24254	22.10 0.88 -9.44	19.78 0.75 -8.76	18.74 0.54 -10.78	18.66 0.52 -11.06	18.69 0.62 -9.12	20.63 0.83 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.32 1.42 -15.64	29.52 1.84 -7.29	29.45 1.81 -8.39	29.38 1.81 -8.70	29.38 1.72 -9.60	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.97 1.42 -22.21	58.13 1.65 -37.72	54.46 2.21 -26.59	42.31 1.78 -19.80	33.38 1.42 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
RAVENSWOOD_GT_6 24253	22.10 0.88 -9.44	19.78 0.75 -8.76	18.74 0.54 -10.78	18.66 0.52 -11.06	18.69 0.62 -9.12	20.63 0.83 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.32 1.42 -15.64	29.52 1.84 -7.29	29.45 1.81 -8.39	29.38 1.81 -8.70	29.38 1.72 -9.60	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.97 1.42 -22.21	58.13 1.65 -37.72	54.46 2.21 -26.59	42.31 1.78 -19.80	33.38 1.42 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
RAVENSWOOD_GT_7 24255	22.10 0.88 -9.44	19.78 0.75 -8.76	18.74 0.54 -10.78	18.66 0.52 -11.06	18.69 0.62 -9.12	20.63 0.83 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.32 1.42 -15.64	29.52 1.84 -7.29	29.45 1.81 -8.39	29.38 1.81 -8.70	29.38 1.72 -9.60	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.97 1.42 -22.21	58.13 1.65 -37.72	54.46 2.21 -26.59	42.31 1.78 -19.80	33.38 1.42 -14.44	30.30 1.45 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.17 0.95 -9.44	19.83 0.80 -8.76	18.78 0.59 -10.78	18.70 0.55 -11.06	18.74 0.67 -9.12	20.69 0.89 -7.81	29.51 1.25 -11.98	36.67 1.62 -15.75	34.45 1.55 -15.64	29.67 1.98 -7.29	29.59 1.94 -8.39	29.53 1.96 -8.70	29.53 1.86 -9.60	30.64 1.80 -11.18	31.78 1.65 -14.11	33.71 1.47 -17.66	40.08 1.54 -22.21	58.30 1.82 -37.72	54.69 2.44 -26.59	42.48 1.95 -19.80	33.50 1.54 -14.44	30.40 1.55 -11.82	26.48 0.94 -14.17	23.69 1.18 -8.41
RAVENSWOOD_GT_9 24257	22.17 0.95 -9.44	19.83 0.80 -8.76	18.78 0.59 -10.78	18.70 0.55 -11.06	18.74 0.67 -9.12	20.69 0.89 -7.81	29.51 1.25 -11.98	36.67 1.62 -15.75	34.45 1.55 -15.64	29.67 1.98 -7.29	29.59 1.94 -8.39	29.53 1.96 -8.70	29.53 1.86 -9.60	30.64 1.80 -11.18	31.78 1.65 -14.11	33.71 1.47 -17.66	40.08 1.54 -22.21	58.30 1.82 -37.72	54.69 2.44 -26.59	42.48 1.95 -19.80	33.50 1.54 -14.44	30.40 1.55 -11.82	26.48 0.94 -14.17	23.69 1.18 -8.41
RAVENSWOOD___1 23533	22.11 0.89 -9.44	19.77 0.74 -8.76	18.75 0.56 -10.78	18.66 0.52 -11.06	18.69 0.62 -9.12	20.56 0.77 -7.80	29.34 1.09 -11.97	36.45 1.41 -15.74	34.32 1.42 -15.64	29.48 1.80 -7.30	29.41 1.77 -8.39	29.38 1.81 -8.70	29.38 1.72 -9.61	30.52 1.68 -11.18	31.67 1.54 -14.11	33.60 1.36 -17.66	39.91 1.36 -22.22	58.11 1.63 -37.72	54.41 2.16 -26.59	42.23 1.70 -19.80	33.33 1.37 -14.44	30.23 1.38 -11.82	26.39 0.85 -14.17	23.58 1.07 -8.41
RAVENSWOOD___2 23534	22.11 0.89 -9.44	19.77 0.74 -8.76	18.75 0.56 -10.78	18.66 0.52 -11.06	18.69 0.62 -9.12	20.56 0.77 -7.80	29.34 1.09 -11.97	36.45 1.41 -15.74	34.32 1.42 -15.64	29.48 1.80 -7.30	29.41 1.77 -8.39	29.38 1.81 -8.70	29.38 1.72 -9.61	30.52 1.68 -11.18	31.67 1.54 -14.11	33.60 1.36 -17.66	39.91 1.36 -22.22	58.11 1.63 -37.72	54.41 2.16 -26.59	42.23 1.70 -19.80	33.33 1.37 -14.44	30.23 1.38 -11.82	26.39 0.85 -14.17	23.58 1.07 -8.41
RAVENSWOOD___3 23535	22.10 0.88 -9.44	19.77 0.74 -8.76	18.74 0.54 -10.78	18.66 0.52 -11.06	18.69 0.62 -9.12	20.61 0.82 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.33 1.43 -15.64	29.53 1.84 -7.30	29.43 1.79 -8.39	29.38 1.81 -8.70	29.38 1.72 -9.61	30.50 1.66 -11.18	31.64 1.51 -14.11	33.58 1.34 -17.66	39.96 1.40 -22.22	58.13 1.65 -37.72	54.46 2.21 -26.59	42.29 1.76 -19.80	33.36 1.40 -14.44	30.28 1.43 -11.82	26.42 0.88 -14.17	23.59 1.09 -8.41
RAVENSWOOD___4 23820	22.11 0.89 -9.44	19.77 0.74 -8.76	18.75 0.56 -10.78	18.66 0.52 -11.06	18.69 0.62 -9.12	20.56 0.77 -7.80	29.34 1.09 -11.97	36.45 1.41 -15.74	34.32 1.42 -15.64	29.48 1.80 -7.30	29.41 1.77 -8.39	29.38 1.81 -8.70	29.38 1.72 -9.61	30.52 1.68 -11.18	31.67 1.54 -14.11	33.60 1.36 -17.66	39.91 1.36 -22.22	58.11 1.63 -37.72	54.41 2.16 -26.59	42.23 1.70 -19.80	33.33 1.37 -14.44	30.23 1.38 -11.82	26.39 0.85 -14.17	23.58 1.07 -8.41
RCPL_TRUST___DRP 24196	22.13 0.92 -9.44	19.80 0.77 -8.76	18.76 0.56 -10.78	18.68 0.53 -11.06	18.72 0.64 -9.12	20.65 0.85 -7.81	29.46 1.20 -11.98	36.62 1.56 -15.75	34.38 1.48 -15.64	29.60 1.92 -7.29	29.51 1.87 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.57 1.73 -11.18	31.70 1.57 -14.11	33.64 1.40 -17.66	40.02 1.47 -22.21	58.18 1.71 -37.72	54.54 2.28 -26.59	42.35 1.82 -19.80	33.42 1.45 -14.44	30.33 1.48 -11.82	26.45 0.91 -14.17	23.63 1.13 -8.41
RED___ROCHESTER 323720	14.27 0.27 -2.22	12.55 0.22 -2.06	10.11 0.16 -2.54	9.85 0.16 -2.61	11.31 0.21 -2.15	14.12 0.29 -1.84	19.52 0.42 -2.82	23.40 0.39 -3.71	21.39 0.43 -3.69	22.56 0.45 -1.72	21.58 0.35 -1.98	21.28 0.36 -2.05	20.67 0.34 -2.27	20.65 0.35 -2.64	19.69 0.34 -3.33	19.11 0.36 -4.17	21.96 0.38 -5.25	28.03 0.39 -8.89	32.60 0.67 -6.26	25.97 0.58 -4.66	21.36 0.44 -3.40	20.22 0.41 -2.78	15.04 0.33 -3.34	16.53 0.45 -1.98
REGAN___SOLAR 323812	26.65 0.88 -13.98	24.04 0.79 -12.98	23.92 0.53 -15.97	24.00 0.52 -16.40	23.16 0.69 -13.51	24.56 0.99 -11.57	35.52 1.50 -17.75	44.61 1.97 -23.34	42.16 1.73 -23.18	33.14 1.94 -10.81	33.42 1.73 -12.43	33.36 1.60 -12.89	33.85 1.55 -14.23	35.76 1.54 -16.57	38.36 1.43 -20.91	42.14 1.39 -26.18	50.89 1.63 -32.92	76.38 1.72 -55.90	67.45 2.39 -39.40	51.94 1.87 -29.34	40.66 1.73 -21.40	36.10 1.55 -17.52	33.32 0.96 -21.00	27.66 1.10 -12.46

RENSSELAER___COGEN 23796	23.72 0.37 -11.58	21.35 0.33 -10.75	20.87 0.23 -13.22	20.88 0.22 -13.57	20.43 0.29 -11.19	21.98 0.41 -9.58	31.51 0.54 -14.70	39.25 0.62 -19.33	36.97 0.52 -19.19	29.94 0.59 -8.95	30.07 0.52 -10.29	30.05 0.51 -10.67	30.35 0.50 -11.79	31.87 0.49 -13.72	33.79 0.45 -17.31	36.64 0.39 -21.67	44.05 0.46 -27.26	65.54 0.51 -46.28	59.00 0.72 -32.62	45.60 0.58 -24.29	35.75 0.51 -17.72	32.01 0.48 -14.50	29.10 0.34 -17.39	24.85 0.44 -10.32
REPUBLIC_115KV_BARTNBRK 55605	24.94 1.14 -12.02	22.43 1.01 -11.16	21.89 0.74 -13.73	21.90 0.72 -14.09	21.58 1.01 -11.61	23.37 1.44 -9.94	33.57 2.03 -15.26	41.93 2.57 -20.06	39.44 2.26 -19.92	32.25 2.57 -9.29	32.30 2.37 -10.68	32.16 2.21 -11.08	32.14 1.84 -12.23	33.77 1.87 -14.24	35.69 1.70 -17.97	38.66 1.59 -22.50	46.34 1.72 -28.29	68.77 1.97 -48.05	62.25 2.72 -33.86	48.29 2.34 -25.22	37.95 2.03 -18.40	33.86 1.77 -15.06	30.52 1.10 -18.05	26.12 1.31 -10.71
REVERE_CPPR_DRP 24186	12.97 0.35 -0.83	11.37 0.33 -0.77	8.60 0.23 -0.95	8.27 0.21 -0.98	10.06 0.30 -0.81	13.10 0.42 -0.69	18.00 0.67 -1.06	21.56 0.87 -1.39	19.37 0.73 -1.38	21.85 0.82 -0.64	20.67 0.67 -0.74	20.28 0.64 -0.77	19.51 0.60 -0.85	19.25 0.60 -0.99	17.80 0.53 -1.25	16.66 0.52 -1.56	18.94 0.64 -1.96	22.78 0.69 -3.33	28.99 0.98 -2.35	23.27 0.79 -1.75	19.53 0.74 -1.28	18.74 0.66 -1.04	13.05 0.43 -1.25	15.32 0.48 -0.74
REYNOLDS_115KV_TB3 80639	23.86 0.48 -11.60	21.47 0.43 -10.77	20.97 0.30 -13.25	20.98 0.30 -13.60	20.55 0.38 -11.21	22.12 0.53 -9.60	31.70 0.70 -14.73	39.52 0.85 -19.37	37.23 0.74 -19.23	30.20 0.84 -8.97	30.34 0.77 -10.31	30.32 0.75 -10.69	30.59 0.72 -11.81	32.13 0.72 -13.75	34.01 0.64 -17.35	36.86 0.57 -21.72	44.32 0.67 -27.31	65.90 0.77 -46.38	59.41 1.05 -32.69	45.94 0.87 -24.34	35.99 0.72 -17.76	32.26 0.70 -14.53	29.25 0.45 -17.42	25.01 0.58 -10.34
RIVERBAY____ 323610	22.19 0.98 -9.44	19.83 0.80 -8.76	18.82 0.62 -10.78	18.71 0.57 -11.06	18.75 0.68 -9.12	20.60 0.80 -7.81	29.39 1.14 -11.98	36.54 1.49 -15.75	34.37 1.47 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.44 1.87 -8.70	29.44 1.77 -9.60	30.57 1.73 -11.18	31.74 1.60 -14.11	33.65 1.41 -17.66	39.95 1.40 -22.21	58.09 1.61 -37.72	54.38 2.13 -26.59	42.23 1.70 -19.80	33.38 1.42 -14.44	30.28 1.43 -11.82	26.43 0.89 -14.17	23.65 1.14 -8.41
RIVERSDE_115KV_TB3 55908	23.83 0.42 -11.63	21.45 0.38 -10.79	20.97 0.27 -13.28	20.98 0.26 -13.64	20.53 0.34 -11.24	22.08 0.47 -9.62	31.67 0.63 -14.76	39.49 0.77 -19.41	37.19 0.66 -19.27	30.14 0.75 -8.99	30.26 0.67 -10.34	30.25 0.66 -10.72	30.53 0.63 -11.84	32.07 0.64 -13.78	33.99 0.58 -17.39	36.86 0.51 -21.77	44.30 0.59 -27.38	65.92 0.68 -46.49	59.36 0.92 -32.76	45.88 0.75 -24.40	35.97 0.65 -17.80	32.21 0.61 -14.57	29.24 0.41 -17.46	24.97 0.51 -10.36
ROARING___BROOK_WT_PWR 323790	-3.78 -0.58 14.98	-1.95 -0.50 11.72	0.00 -0.36 7.05	-1.76 -0.35 8.50	-2.72 -0.44 11.24	-4.60 -0.59 16.00	-10.00 -0.88 25.40	-10.00 -0.95 28.36	-10.00 -0.76 26.50	-10.00 -0.84 29.56	0.00 -0.92 18.33	0.00 -0.87 18.00	0.00 -0.83 17.23	0.00 -0.78 16.88	6.27 -0.72 9.03	7.93 -0.61 6.04	15.68 -0.65 0.00	18.02 -0.73 0.00	24.61 -1.05 0.00	9.42 -0.93 10.38	0.00 -0.82 16.69	-7.09 -0.80 23.32	0.00 -0.59 10.78	-0.08 -0.72 13.46
ROCHESRG_115KV_T4 355643	14.16 0.16 -2.21	12.45 0.12 -2.06	10.04 0.10 -2.53	9.79 0.11 -2.60	11.22 0.13 -2.14	14.00 0.18 -1.83	19.36 0.28 -2.81	23.19 0.19 -3.70	21.16 0.22 -3.67	22.31 0.20 -1.71	21.36 0.13 -1.97	21.08 0.17 -2.04	20.48 0.16 -2.25	20.46 0.18 -2.62	19.50 0.16 -3.31	18.93 0.20 -4.14	21.74 0.20 -5.21	27.76 0.15 -8.85	32.21 0.31 -6.24	25.66 0.29 -4.65	21.15 0.25 -3.39	20.03 0.22 -2.77	14.91 0.22 -3.33	16.39 0.32 -1.97
ROCHESTER_9_IC 23652	14.23 0.22 -2.22	12.51 0.17 -2.06	10.09 0.13 -2.54	9.83 0.14 -2.61	11.27 0.17 -2.15	14.08 0.25 -1.84	19.46 0.36 -2.82	23.32 0.31 -3.71	21.29 0.35 -3.68	22.46 0.35 -1.72	21.48 0.25 -1.98	21.20 0.28 -2.05	20.59 0.27 -2.26	20.57 0.28 -2.63	19.62 0.27 -3.32	19.03 0.29 -4.16	21.86 0.29 -5.23	27.92 0.28 -8.89	32.44 0.51 -6.26	25.85 0.46 -4.66	21.29 0.37 -3.40	20.14 0.32 -2.78	14.99 0.28 -3.34	16.47 0.39 -1.98
ROCKVIEW_13_KV_LD 356306	22.09 0.87 -9.44	19.77 0.74 -8.76	18.73 0.53 -10.78	18.66 0.51 -11.06	18.69 0.62 -9.12	20.63 0.83 -7.81	29.41 1.16 -11.98	36.54 1.49 -15.75	34.32 1.42 -15.64	29.48 1.79 -7.29	29.41 1.77 -8.39	29.34 1.77 -8.70	29.34 1.68 -9.60	30.46 1.62 -11.18	31.61 1.47 -14.11	33.57 1.33 -17.66	39.95 1.40 -22.21	58.11 1.63 -37.72	54.46 2.21 -26.58	42.29 1.76 -19.80	33.38 1.42 -14.44	30.27 1.41 -11.82	26.39 0.85 -14.17	23.56 1.06 -8.41
ROME____115KV_TB2 80656	12.97 0.35 -0.83	11.37 0.33 -0.77	8.60 0.23 -0.95	8.27 0.21 -0.98	10.06 0.30 -0.81	13.10 0.42 -0.69	18.00 0.67 -1.06	21.56 0.87 -1.39	19.37 0.73 -1.38	21.85 0.82 -0.64	20.67 0.67 -0.74	20.28 0.64 -0.77	19.51 0.60 -0.85	19.25 0.60 -0.99	17.80 0.53 -1.25	16.66 0.52 -1.56	18.94 0.64 -1.96	22.78 0.69 -3.33	28.99 0.98 -2.35	23.27 0.79 -1.75	19.53 0.74 -1.28	18.74 0.66 -1.04	13.05 0.43 -1.25	15.32 0.48 -0.74
ROSETON___1 23587	21.79 0.71 -9.30	19.51 0.61 -8.64	18.48 0.44 -10.63	18.41 0.42 -10.91	18.45 0.51 -8.99	20.36 0.67 -7.70	29.01 0.93 -11.81	36.03 1.20 -15.53	33.81 1.12 -15.42	28.97 1.39 -7.19	28.87 1.35 -8.27	28.81 1.36 -8.58	28.81 1.28 -9.47	29.92 1.24 -11.03	31.08 1.14 -13.92	33.00 1.01 -17.42	39.34 1.09 -21.91	57.21 1.26 -37.20	53.57 1.69 -26.21	41.64 1.39 -19.52	32.88 1.12 -14.24	29.81 1.12 -11.66	26.02 0.68 -13.97	23.23 0.85 -8.29
ROSETON___2 23588	21.79 0.71 -9.30	19.51 0.61 -8.64	18.48 0.44 -10.63	18.41 0.42 -10.91	18.45 0.51 -8.99	20.36 0.67 -7.70	29.01 0.93 -11.81	36.03 1.20 -15.53	33.81 1.12 -15.42	28.97 1.39 -7.19	28.87 1.35 -8.27	28.81 1.36 -8.58	28.81 1.28 -9.47	29.92 1.24 -11.03	31.08 1.14 -13.92	33.00 1.01 -17.42	39.34 1.09 -21.91	57.21 1.26 -37.20	53.57 1.69 -26.21	41.64 1.39 -19.52	32.88 1.12 -14.24	29.81 1.12 -11.66	26.02 0.68 -13.97	23.23 0.85 -8.29
ROTTRDAM_115KV_TB3 80664	24.44 0.52 -12.14	21.99 0.45 -11.27	21.61 0.33 -13.87	21.64 0.32 -14.24	21.10 0.41 -11.73	22.59 0.55 -10.05	32.46 0.76 -15.42	40.56 0.98 -20.27	38.25 0.86 -20.12	30.78 1.00 -9.39	30.99 0.94 -10.79	30.97 0.91 -11.19	31.29 0.87 -12.36	32.91 0.87 -14.39	34.97 0.79 -18.16	38.01 0.70 -22.73	45.70 0.78 -28.59	68.18 0.88 -48.54	61.08 1.21 -34.21	47.18 0.97 -25.48	36.94 0.84 -18.59	33.04 0.80 -15.21	30.10 0.50 -18.23	25.54 0.62 -10.82
RUSSELL___1 23602	14.27 0.27 -2.22	12.55 0.22 -2.06	10.11 0.16 -2.54	9.85 0.16 -2.61	11.31 0.21 -2.15	14.12 0.29 -1.84	19.52 0.42 -2.82	23.40 0.39 -3.71	21.38 0.43 -3.68	22.56 0.45 -1.72	21.57 0.35 -1.98	21.28 0.36 -2.05	20.67 0.34 -2.26	20.64 0.35 -2.63	19.68 0.34 -3.32	19.10 0.36 -4.16	21.94 0.38 -5.23	28.03 0.39 -8.89	32.60 0.67 -6.26	25.97 0.58 -4.66	21.38 0.46 -3.40	20.23 0.41 -2.78	15.04 0.33 -3.34	16.53 0.45 -1.98

RUSSELL___2 23532	14.27 0.27 -2.22	12.55 0.22 -2.06	10.11 0.16 -2.54	9.85 0.16 -2.61	11.31 0.21 -2.15	14.12 0.29 -1.84	19.52 0.42 -2.82	23.40 0.39 -3.71	21.38 0.43 -3.68	22.56 0.45 -1.72	21.57 0.35 -1.98	21.28 0.36 -2.05	20.67 0.34 -2.26	20.64 0.35 -2.63	19.68 0.34 -3.32	19.10 0.36 -4.16	21.94 0.38 -5.23	28.03 0.39 -8.89	32.60 0.67 -6.26	25.97 0.58 -4.66	21.38 0.46 -3.40	20.23 0.41 -2.78	15.04 0.33 -3.34	16.53 0.45 -1.98
RUSSELL___3 23549	14.27 0.27 -2.22	12.55 0.22 -2.06	10.11 0.16 -2.54	9.85 0.16 -2.61	11.31 0.21 -2.15	14.12 0.29 -1.84	19.52 0.42 -2.82	23.40 0.39 -3.71	21.38 0.43 -3.68	22.56 0.45 -1.72	21.57 0.35 -1.98	21.28 0.36 -2.05	20.67 0.34 -2.26	20.64 0.35 -2.63	19.68 0.34 -3.32	19.10 0.36 -4.16	21.94 0.38 -5.23	28.03 0.39 -8.89	32.60 0.67 -6.26	25.97 0.58 -4.66	21.38 0.46 -3.40	20.23 0.41 -2.78	15.04 0.33 -3.34	16.53 0.45 -1.98
RUSSELL___4 23556	14.27 0.27 -2.22	12.55 0.22 -2.06	10.11 0.16 -2.54	9.85 0.16 -2.61	11.31 0.21 -2.15	14.12 0.29 -1.84	19.52 0.42 -2.82	23.40 0.39 -3.71	21.38 0.43 -3.68	22.56 0.45 -1.72	21.57 0.35 -1.98	21.28 0.36 -2.05	20.67 0.34 -2.26	20.64 0.35 -2.63	19.68 0.34 -3.32	19.10 0.36 -4.16	21.94 0.38 -5.23	28.03 0.39 -8.89	32.60 0.67 -6.26	25.97 0.58 -4.66	21.38 0.46 -3.40	20.23 0.41 -2.78	15.04 0.33 -3.34	16.53 0.45 -1.98
RUSSELL___STATION 23914	14.27 0.27 -2.22	12.55 0.22 -2.06	10.11 0.16 -2.54	9.85 0.16 -2.61	11.31 0.21 -2.15	14.12 0.29 -1.84	19.52 0.42 -2.82	23.40 0.39 -3.71	21.38 0.43 -3.68	22.56 0.45 -1.72	21.57 0.35 -1.98	21.28 0.36 -2.05	20.67 0.34 -2.26	20.64 0.35 -2.63	19.68 0.34 -3.32	19.10 0.36 -4.16	21.94 0.38 -5.23	28.03 0.39 -8.89	32.60 0.67 -6.26	25.97 0.58 -4.66	21.38 0.46 -3.40	20.23 0.41 -2.78	15.04 0.33 -3.34	16.53 0.45 -1.98
S SALMON___HYD 24043	12.54 -0.02 -0.79	11.10 -0.01 -0.84	8.79 -0.01 -1.38	8.43 -0.01 -1.36	9.87 0.00 -0.92	12.47 0.00 -0.48	17.42 0.10 -1.04	20.96 0.12 -1.54	19.14 0.05 -1.83	20.78 0.02 -0.37	20.08 -0.04 -0.87	19.74 -0.06 -0.93	19.10 -0.05 -1.10	18.97 -0.05 -1.37	18.05 -0.05 -2.07	17.28 -0.04 -2.74	20.00 0.00 -3.66	24.77 0.00 -6.02	29.96 0.05 -4.24	23.57 0.04 -2.80	19.29 0.04 -1.73	18.15 0.03 -1.09	13.32 0.06 -1.89	15.03 0.06 -0.88
S.PERRY___115KV_TB1 80734	15.01 0.55 -2.67	13.21 0.46 -2.48	10.81 0.34 -3.05	10.55 0.33 -3.13	11.97 0.43 -2.58	14.80 0.60 -2.21	20.58 0.91 -3.39	24.77 1.00 -4.46	22.59 0.90 -4.43	23.34 0.88 -2.07	22.32 0.69 -2.38	22.00 0.66 -2.46	21.41 0.63 -2.72	21.46 0.64 -3.17	20.60 0.58 -4.00	20.21 0.63 -5.00	23.43 0.80 -6.29	30.37 0.94 -10.68	34.71 1.51 -7.53	27.64 1.31 -5.61	22.69 1.09 -4.09	21.33 0.95 -3.35	16.04 0.66 -4.01	17.31 0.83 -2.38
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	14.33 0.02 -2.53	12.61 -0.01 -2.35	10.31 0.01 -2.89	10.08 0.04 -2.96	11.40 0.01 -2.44	14.12 0.04 -2.09	19.52 0.03 -3.21	23.31 -0.21 -4.22	21.28 -0.17 -4.19	22.12 -0.22 -1.95	21.23 -0.27 -2.25	21.05 -0.15 -2.33	20.43 -0.20 -2.57	20.51 -0.14 -2.99	19.67 -0.13 -3.78	19.25 -0.06 -4.73	22.19 -0.10 -5.95	28.59 -0.26 -10.10	32.53 -0.26 -7.12	25.89 -0.15 -5.30	21.32 -0.07 -3.87	20.15 -0.05 -3.17	15.26 0.09 -3.79	16.55 0.20 -2.25
SAWYER___23_KV_LOAD 55526	14.33 0.02 -2.53	12.61 -0.01 -2.35	10.31 0.01 -2.89	10.08 0.04 -2.96	11.40 0.01 -2.44	14.12 0.04 -2.09	19.52 0.03 -3.21	23.31 -0.21 -4.22	21.28 -0.17 -4.19	22.12 -0.22 -1.95	21.23 -0.27 -2.25	21.05 -0.15 -2.33	20.43 -0.20 -2.57	20.51 -0.14 -2.99	19.67 -0.13 -3.78	19.25 -0.06 -4.73	22.19 -0.10 -5.95	28.59 -0.26 -10.10	32.53 -0.26 -7.12	25.89 -0.15 -5.30	21.32 -0.07 -3.87	20.15 -0.05 -3.17	15.26 0.09 -3.79	16.55 0.20 -2.25
SELKIRK___I 23801	23.64 0.48 -11.38	21.26 0.42 -10.56	20.71 0.30 -13.00	20.72 0.29 -13.34	20.33 0.38 -11.00	21.92 0.52 -9.41	31.39 0.67 -14.45	39.01 0.71 -19.00	36.74 0.62 -18.86	29.89 0.69 -8.80	30.00 0.63 -10.12	29.97 0.60 -10.49	30.24 0.60 -11.58	31.74 0.60 -13.49	33.59 0.55 -17.02	36.36 0.48 -21.30	43.68 0.56 -26.79	62.59 0.62 -43.22	56.97 0.85 -30.46	45.31 0.71 -23.88	35.55 0.61 -17.42	31.87 0.58 -14.26	28.90 0.44 -17.09	24.80 0.56 -10.14
SELKIRK___II 23799	23.71 0.41 -11.52	21.32 0.36 -10.69	20.83 0.26 -13.16	20.84 0.25 -13.51	20.40 0.31 -11.13	21.95 0.43 -9.53	31.47 0.57 -14.62	39.07 0.54 -19.23	36.82 0.47 -19.09	29.83 0.53 -8.91	29.97 0.48 -10.24	29.96 0.47 -10.62	30.24 0.45 -11.73	31.77 0.46 -13.65	33.67 0.42 -17.23	36.49 0.35 -21.56	43.86 0.41 -27.12	56.87 0.45 -37.66	52.84 0.62 -26.56	45.44 0.54 -24.17	35.60 0.45 -17.63	31.90 0.44 -14.43	29.05 0.39 -17.30	24.86 0.49 -10.27
SENECA OSWGO___HYD 24041	13.43 -0.02 -1.68	11.82 -0.01 -1.56	9.32 -0.01 -1.92	9.04 -0.01 -1.97	10.56 -0.02 -1.62	13.37 -0.01 -1.39	18.44 0.03 -2.13	22.10 0.00 -2.80	20.07 0.00 -2.80	21.70 0.00 -1.31	20.76 0.00 -1.50	20.41 -0.02 -1.56	19.78 0.00 -1.72	19.66 0.00 -2.00	18.54 -0.02 -2.53	17.77 0.03 -3.17	20.38 0.07 -3.98	25.44 -0.02 -6.71	30.42 0.03 -4.73	24.27 0.02 -3.52	20.14 0.05 -2.57	19.19 0.05 -2.10	13.94 0.05 -2.52	15.65 0.06 -1.50
SENECA___115KV_TB3 355854	14.41 0.05 -2.58	12.69 0.02 -2.40	10.39 0.02 -2.95	10.15 0.04 -3.03	11.47 0.03 -2.49	14.20 0.07 -2.13	19.65 0.10 -3.27	23.51 -0.10 -4.31	21.45 -0.09 -4.28	22.29 -0.10 -1.99	21.41 -0.13 -2.29	21.21 -0.04 -2.38	20.58 -0.11 -2.63	20.68 -0.04 -3.06	19.85 -0.03 -3.86	19.44 0.03 -4.83	22.44 0.03 -6.07	28.95 -0.11 -10.31	32.89 -0.05 -7.27	26.16 0.02 -5.41	21.52 0.05 -3.95	20.32 0.05 -3.23	15.39 0.15 -3.87	16.65 0.25 -2.30
SENECA___ENERGY 23797	14.31 0.20 -2.33	12.61 0.17 -2.16	10.20 0.13 -2.66	9.94 0.13 -2.73	11.37 0.16 -2.25	14.16 0.24 -1.93	19.67 0.44 -2.96	23.67 0.48 -3.89	21.56 0.43 -3.87	22.71 0.51 -1.81	21.77 0.44 -2.08	21.44 0.41 -2.15	20.83 0.40 -2.38	20.83 0.41 -2.77	19.87 0.35 -3.49	19.33 0.38 -4.37	22.31 0.47 -5.50	28.53 0.47 -9.31	32.98 0.74 -6.56	26.22 0.60 -4.89	21.56 0.47 -3.57	20.38 0.43 -2.92	15.16 0.30 -3.50	16.55 0.38 -2.08
SHOEMAKER___GT 23640	20.66 0.64 -8.25	18.47 0.54 -7.66	17.23 0.39 -9.42	17.13 0.38 -9.67	17.38 0.46 -7.97	19.40 0.59 -6.82	27.54 0.80 -10.47	34.11 1.04 -13.77	31.92 0.98 -13.67	27.97 1.20 -6.38	27.76 1.17 -7.33	27.65 1.17 -7.60	27.58 1.12 -8.40	28.51 1.08 -9.78	29.35 0.99 -12.34	30.91 0.89 -15.44	36.74 0.98 -19.42	52.89 1.16 -32.98	50.45 1.54 -23.24	39.30 1.26 -17.31	31.18 1.03 -12.63	28.39 1.02 -10.33	24.36 0.60 -12.39	22.21 0.76 -7.35
SHOEMAKR_138KV_BK 111 55601	20.61 0.64 -8.19	18.42 0.54 -7.60	17.17 0.39 -9.36	17.06 0.38 -9.61	17.33 0.46 -7.92	19.36 0.59 -6.78	27.47 0.80 -10.40	34.02 1.04 -13.67	31.82 0.98 -13.58	27.93 1.20 -6.33	27.71 1.17 -7.28	27.59 1.17 -7.55	27.52 1.12 -8.34	28.46 1.09 -9.71	29.28 1.01 -12.25	30.80 0.89 -15.33	36.60 0.98 -19.29	52.65 1.14 -32.75	50.26 1.51 -23.08	39.16 1.24 -17.19	31.09 1.03 -12.54	28.32 1.02 -10.26	24.28 0.60 -12.30	22.16 0.76 -7.30

SHOREHAM_IC_1 23715	31.37 1.22 -18.36	24.24 1.05 -12.92	20.49 0.77 -12.30	21.38 0.73 -13.57	23.39 0.90 -13.54	28.14 1.20 -14.95	31.33 1.72 -13.33	37.14 1.97 -15.87	36.64 1.80 -17.58	33.86 2.38 -11.08	33.72 2.25 -12.22	33.72 2.24 -12.60	33.05 2.09 -12.89	33.70 1.94 -14.10	33.69 1.76 -15.90	36.30 1.60 -20.12	42.96 1.75 -24.88	58.54 2.03 -37.76	91.82 2.75 -63.41	55.61 2.22 -32.66	46.13 1.91 -26.70	35.37 1.96 -16.38	33.65 1.22 -21.07	29.22 1.56 -13.56
SHOREHAM_IC_2 23716	31.37 1.22 -18.36	24.24 1.05 -12.92	20.49 0.77 -12.30	21.38 0.73 -13.57	23.39 0.90 -13.54	28.14 1.20 -14.95	31.33 1.72 -13.33	37.14 1.97 -15.87	36.64 1.80 -17.58	33.86 2.38 -11.08	33.72 2.25 -12.22	33.72 2.24 -12.60	33.05 2.09 -12.89	33.70 1.94 -14.10	33.69 1.76 -15.90	36.30 1.60 -20.12	42.96 1.75 -24.88	58.54 2.03 -37.76	91.82 2.75 -63.41	55.61 2.22 -32.66	46.13 1.91 -26.70	35.37 1.96 -16.38	33.65 1.22 -21.07	29.22 1.56 -13.56
SISSONVILLE____ 23735	3.82 -0.49 7.47	4.05 -0.42 5.80	3.80 -0.30 3.31	2.73 -0.30 4.05	3.01 -0.41 5.53	3.27 -0.67 8.05	6.25 -0.96 9.07	8.13 -1.12 10.05	6.59 -1.19 9.48	8.05 -1.45 10.90	11.27 -1.35 6.63	11.01 -1.36 6.50	10.56 -1.32 6.18	10.37 -1.29 6.00	11.90 -1.17 2.95	11.78 -1.09 1.71	15.82 -1.23 -0.71	18.67 -1.29 -1.21	24.73 -1.80 -0.85	16.05 -1.45 3.23	10.58 -1.19 5.75	7.64 -1.09 8.30	7.21 -0.60 3.56	8.65 -0.70 4.74
SITHE_IND_GS1 24169	13.03 -0.18 -1.43	11.44 -0.15 -1.33	8.94 -0.11 -1.63	8.65 -0.11 -1.68	10.20 -0.13 -1.38	12.99 -0.18 -1.18	17.89 -0.19 -1.81	21.40 -0.29 -2.38	19.38 -0.26 -2.38	21.17 -0.33 -1.11	20.22 -0.31 -1.27	19.89 -0.30 -1.32	19.23 -0.29 -1.46	19.07 -0.28 -1.70	17.91 -0.26 -2.14	17.06 -0.20 -2.68	19.48 -0.23 -3.37	24.16 -0.30 -5.71	29.31 -0.38 -4.02	23.42 -0.31 -3.00	19.46 -0.25 -2.19	18.58 -0.24 -1.79	13.38 -0.14 -2.15	15.20 -0.17 -1.27
SITHE_IND_GS2 24170	13.03 -0.18 -1.43	11.44 -0.15 -1.33	8.94 -0.11 -1.63	8.65 -0.11 -1.68	10.20 -0.13 -1.38	12.99 -0.18 -1.18	17.89 -0.19 -1.81	21.40 -0.29 -2.38	19.38 -0.26 -2.38	21.17 -0.33 -1.11	20.22 -0.31 -1.27	19.89 -0.30 -1.32	19.23 -0.29 -1.46	19.07 -0.28 -1.70	17.91 -0.26 -2.14	17.06 -0.20 -2.68	19.48 -0.23 -3.37	24.16 -0.30 -5.71	29.31 -0.38 -4.02	23.42 -0.31 -3.00	19.46 -0.25 -2.19	18.58 -0.24 -1.79	13.38 -0.14 -2.15	15.20 -0.17 -1.27
SITHE_IND_GS3 24171	13.03 -0.18 -1.43	11.44 -0.15 -1.33	8.94 -0.11 -1.63	8.65 -0.11 -1.68	10.20 -0.13 -1.38	12.99 -0.18 -1.18	17.89 -0.19 -1.81	21.40 -0.29 -2.38	19.38 -0.26 -2.38	21.17 -0.33 -1.11	20.22 -0.31 -1.27	19.89 -0.30 -1.32	19.23 -0.29 -1.46	19.07 -0.28 -1.70	17.91 -0.26 -2.14	17.06 -0.20 -2.68	19.48 -0.23 -3.37	24.16 -0.30 -5.71	29.31 -0.38 -4.02	23.42 -0.31 -3.00	19.46 -0.25 -2.19	18.58 -0.24 -1.79	13.38 -0.14 -2.15	15.20 -0.17 -1.27
SITHE_IND_GS4 24172	13.03 -0.18 -1.43	11.44 -0.15 -1.33	8.94 -0.11 -1.63	8.65 -0.11 -1.68	10.20 -0.13 -1.38	12.99 -0.18 -1.18	17.89 -0.19 -1.81	21.40 -0.29 -2.38	19.38 -0.26 -2.38	21.17 -0.33 -1.11	20.22 -0.31 -1.27	19.89 -0.30 -1.32	19.23 -0.29 -1.46	19.07 -0.28 -1.70	17.91 -0.26 -2.14	17.06 -0.20 -2.68	19.48 -0.23 -3.37	24.16 -0.30 -5.71	29.31 -0.38 -4.02	23.42 -0.31 -3.00	19.46 -0.25 -2.19	18.58 -0.24 -1.79	13.38 -0.14 -2.15	15.20 -0.17 -1.27
SITHE____BATAVIA 24024	14.46 0.32 -2.37	12.71 0.25 -2.20	10.30 0.19 -2.70	10.06 0.21 -2.77	11.47 0.23 -2.29	14.28 0.34 -1.96	19.70 0.42 -3.00	23.58 0.33 -3.95	21.55 0.36 -3.93	22.59 0.37 -1.83	21.59 0.23 -2.11	21.34 0.28 -2.18	20.71 0.23 -2.41	20.75 0.28 -2.81	19.84 0.27 -3.54	19.31 0.29 -4.44	22.19 0.28 -5.58	28.43 0.23 -9.45	32.82 0.49 -6.66	26.15 0.46 -4.96	21.52 0.38 -3.62	20.37 0.37 -2.96	15.26 0.34 -3.55	16.70 0.49 -2.11
SITHE____INDEPEND 23800	13.03 -0.18 -1.43	11.44 -0.15 -1.33	8.94 -0.11 -1.63	8.65 -0.11 -1.68	10.20 -0.13 -1.38	12.99 -0.18 -1.18	17.89 -0.20 -1.81	21.40 -0.29 -2.38	19.37 -0.26 -2.37	21.17 -0.33 -1.10	20.21 -0.31 -1.27	19.89 -0.30 -1.32	19.23 -0.29 -1.45	19.07 -0.28 -1.69	17.90 -0.26 -2.14	17.05 -0.20 -2.67	19.47 -0.23 -3.36	24.16 -0.30 -5.71	29.31 -0.39 -4.02	23.42 -0.31 -3.00	19.44 -0.26 -2.19	18.57 -0.26 -1.79	13.38 -0.14 -2.15	15.20 -0.17 -1.27
SITHE____MASSENA 23902	1.63 -0.34 9.81	2.31 -0.29 7.67	2.58 -0.22 4.62	1.31 -0.21 5.57	1.34 -0.26 7.36	1.14 -0.37 10.48	3.76 -0.57 11.94	5.29 -0.68 13.33	4.07 -0.67 12.52	5.62 -0.82 13.96	9.86 -0.73 8.66	9.63 -0.74 8.50	9.20 -0.72 8.14	8.98 -0.71 7.97	11.11 -0.64 4.27	11.12 -0.61 2.85	15.63 -0.70 0.00	18.02 -0.73 0.00	24.61 -1.05 0.00	15.00 -0.85 4.88	8.99 -0.68 7.85	5.42 -0.65 10.96	5.89 -0.41 5.07	7.26 -0.51 6.33
SITHE____OGDNSBRG 24021	4.09 -0.22 7.47	4.32 -0.15 5.80	3.98 -0.13 3.31	2.88 -0.15 4.05	3.25 -0.17 5.53	3.61 -0.34 8.05	6.77 -0.44 9.07	8.81 -0.44 10.05	7.13 -0.66 9.48	8.62 -0.88 10.90	11.73 -0.89 6.63	11.45 -0.92 6.50	10.96 -0.92 6.18	10.79 -0.87 6.00	12.29 -0.79 2.95	12.14 -0.73 1.71	16.25 -0.80 -0.71	19.25 -0.71 -1.21	25.57 -0.95 -0.85	16.73 -0.77 3.23	11.14 -0.63 5.75	8.15 -0.58 8.30	7.54 -0.27 3.56	9.00 -0.35 4.74
SITHE____STERLING 23777	13.07 0.34 -0.95	11.47 0.32 -0.88	8.73 0.22 -1.09	8.40 0.20 -1.12	10.16 0.29 -0.92	13.17 0.40 -0.79	18.12 0.63 -1.21	21.70 0.81 -1.59	19.51 0.69 -1.56	21.90 0.77 -0.73	20.74 0.65 -0.84	20.38 0.64 -0.87	19.61 0.60 -0.96	19.37 0.60 -1.12	17.96 0.53 -1.41	16.85 0.51 -1.76	19.17 0.62 -2.22	23.23 0.67 -3.81	29.30 0.95 -2.68	23.49 0.77 -2.00	19.68 0.70 -1.46	18.87 0.65 -1.19	13.21 0.41 -1.43	15.41 0.46 -0.85
SLEIGHT__34_KV_TB1 80719	14.12 0.13 -2.21	12.43 0.10 -2.05	10.02 0.07 -2.53	9.76 0.08 -2.60	11.19 0.10 -2.14	13.98 0.16 -1.83	19.38 0.29 -2.81	23.27 0.27 -3.70	21.24 0.31 -3.67	22.43 0.33 -1.71	21.47 0.25 -1.97	21.16 0.25 -2.04	20.57 0.25 -2.25	20.53 0.25 -2.62	19.56 0.22 -3.31	18.98 0.26 -4.14	21.86 0.31 -5.21	27.87 0.26 -8.85	32.37 0.46 -6.24	25.77 0.39 -4.65	21.22 0.32 -3.39	20.06 0.26 -2.77	14.90 0.20 -3.32	16.35 0.28 -1.97
SOUTH CAIRO____GT 23612	23.29 0.58 -10.93	20.92 0.50 -10.15	20.24 0.33 -12.49	20.23 0.33 -12.82	19.95 0.43 -10.56	21.60 0.56 -9.04	30.77 0.62 -13.88	38.22 0.68 -18.24	35.93 0.55 -18.12	29.31 0.47 -8.45	29.39 0.42 -9.72	29.30 0.36 -10.07	29.58 0.40 -11.13	31.05 0.44 -12.95	32.77 0.40 -16.35	35.40 0.36 -20.46	42.58 0.51 -25.73	60.33 0.71 -40.86	55.44 0.98 -28.80	44.41 0.75 -22.93	34.95 0.70 -16.73	31.37 0.65 -13.69	28.25 0.47 -16.41	24.43 0.59 -9.74
SOUTH HAMPTN____IC 23720	31.51 1.37 -18.36	24.36 1.17 -12.92	20.58 0.86 -12.30	21.46 0.81 -13.57	23.50 1.00 -13.54	28.28 1.33 -14.95	31.54 1.94 -13.33	37.43 2.26 -15.87	36.87 2.05 -17.56	34.12 2.67 -11.06	33.99 2.56 -12.18	33.98 2.55 -12.56	33.28 2.37 -12.86	33.96 2.24 -14.06	33.92 2.02 -15.88	36.52 1.85 -20.09	43.20 2.03 -24.85	58.91 2.40 -37.76	91.94 3.29 -62.99	55.88 2.63 -32.52	46.27 2.19 -26.56	35.62 2.21 -16.38	33.82 1.39 -21.07	29.39 1.73 -13.56

SOUTHDOWN_115KV_TB1 355954	14.51 0.04 -2.70	12.79 0.02 -2.50	10.52 0.02 -3.08	10.29 0.04 -3.16	11.59 0.04 -2.60	14.33 0.11 -2.23	19.91 0.21 -3.42	24.05 0.25 -4.50	21.92 0.19 -4.47	22.74 0.27 -2.08	21.88 0.23 -2.40	21.70 0.34 -2.48	21.00 0.20 -2.74	21.13 0.28 -3.19	20.29 0.24 -4.03	19.92 0.29 -5.05	23.04 0.36 -6.35	29.85 0.32 -10.77	33.88 0.62 -7.59	26.90 0.52 -5.66	22.05 0.40 -4.13	20.73 0.32 -3.38	15.71 0.30 -4.05	16.88 0.38 -2.40
SOUTHOLD_69_KV_BK 2 55809	31.69 1.54 -18.36	24.51 1.31 -12.92	20.68 0.96 -12.30	21.57 0.92 -13.57	23.63 1.14 -13.54	28.46 1.51 -14.95	31.81 2.21 -13.32	37.79 2.63 -15.87	37.21 2.40 -17.55	34.51 3.06 -11.06	34.39 2.96 -12.17	34.35 2.93 -12.55	33.64 2.73 -12.85	34.31 2.60 -14.06	34.24 2.34 -15.88	36.82 2.16 -20.09	43.58 2.40 -24.84	59.30 2.79 -37.76	92.49 3.85 -62.97	56.35 3.11 -32.51	46.67 2.59 -26.56	35.98 2.57 -16.38	34.04 1.60 -21.07	29.64 1.99 -13.56
SOUTHOLD___IC 23719	31.69 1.54 -18.36	24.51 1.32 -12.92	20.68 0.96 -12.30	21.57 0.92 -13.57	23.63 1.14 -13.54	28.46 1.51 -14.95	31.82 2.21 -13.33	37.79 2.62 -15.87	37.22 2.40 -17.56	34.51 3.06 -11.06	34.39 2.96 -12.18	34.35 2.93 -12.56	33.64 2.73 -12.85	34.32 2.60 -14.06	34.24 2.34 -15.88	36.83 2.16 -20.09	43.58 2.40 -24.84	59.30 2.79 -37.76	92.49 3.85 -62.97	56.35 3.11 -32.51	46.67 2.59 -26.56	35.98 2.57 -16.38	34.04 1.60 -21.07	29.64 1.99 -13.56
SPIERFLS_115KV_TB 1 80737	24.42 0.61 -12.03	21.97 0.53 -11.17	21.60 0.44 -13.74	21.62 0.42 -14.11	21.21 0.63 -11.63	22.84 0.90 -9.95	32.82 1.27 -15.27	40.99 1.60 -20.08	38.62 1.42 -19.94	31.31 1.61 -9.30	31.43 1.48 -10.70	31.36 1.40 -11.09	31.62 1.32 -12.25	33.24 1.32 -14.26	35.22 1.20 -17.99	38.22 1.12 -22.52	45.77 1.11 -28.32	68.11 1.26 -48.10	61.31 1.75 -33.90	47.32 1.35 -25.24	37.05 1.12 -18.42	33.09 0.99 -15.07	30.04 0.60 -18.07	25.54 0.72 -10.72
ST LAWRENCE____ 23600	1.25 -0.39 10.14	2.00 -0.34 7.93	2.40 -0.24 4.77	1.09 -0.24 5.75	1.04 -0.30 7.61	0.75 -0.41 10.83	3.31 -0.62 12.34	4.77 -0.75 13.78	3.62 -0.71 12.93	5.12 -0.86 14.42	9.54 -0.77 8.94	9.33 -0.76 8.78	8.93 -0.72 8.41	8.70 -0.72 8.24	10.96 -0.66 4.41	11.02 -0.61 2.95	15.63 -0.70 0.00	18.00 -0.75 0.00	24.61 -1.05 0.00	14.83 -0.85 5.04	8.68 -0.72 8.11	5.00 -0.70 11.33	5.69 -0.44 5.24	7.00 -0.55 6.54
STATE_CA_115KV_115_LB 55624	23.90 0.41 -11.71	21.51 0.37 -10.87	21.05 0.26 -13.38	21.06 0.25 -13.73	20.59 0.32 -11.32	22.14 0.46 -9.69	31.76 0.62 -14.87	39.60 0.75 -19.55	37.33 0.66 -19.41	30.18 0.73 -9.05	30.34 0.67 -10.41	30.31 0.64 -10.79	30.61 0.63 -11.92	32.17 0.64 -13.88	34.10 0.56 -17.51	36.99 0.50 -21.92	44.49 0.59 -27.57	66.23 0.66 -46.82	59.56 0.90 -33.00	46.03 0.73 -24.57	36.07 0.63 -17.93	32.30 0.60 -14.67	29.36 0.40 -17.59	25.03 0.49 -10.44
STATE_ST_34_KV_LOAD 55959	14.40 0.31 -2.32	12.70 0.28 -2.15	10.26 0.19 -2.65	9.99 0.18 -2.72	11.44 0.24 -2.24	14.25 0.34 -1.92	19.79 0.57 -2.94	23.85 0.68 -3.87	21.71 0.60 -3.84	22.92 0.73 -1.79	21.97 0.65 -2.06	21.63 0.62 -2.14	21.03 0.61 -2.36	21.01 0.60 -2.75	20.04 0.54 -3.47	19.46 0.54 -4.34	22.46 0.67 -5.46	28.85 0.83 -9.27	33.41 1.21 -6.53	26.57 0.97 -4.87	21.73 0.67 -3.55	20.53 0.60 -2.91	15.26 0.41 -3.48	16.66 0.49 -2.07
STATION 5_MISC_HYD 23604	14.22 0.22 -2.22	12.51 0.17 -2.06	10.09 0.13 -2.54	9.83 0.14 -2.61	11.27 0.17 -2.15	14.08 0.25 -1.84	19.45 0.36 -2.82	23.30 0.29 -3.71	21.30 0.35 -3.69	22.46 0.35 -1.72	21.48 0.25 -1.98	21.21 0.28 -2.05	20.60 0.27 -2.27	20.58 0.28 -2.64	19.63 0.27 -3.33	19.04 0.29 -4.17	21.87 0.29 -5.24	27.92 0.28 -8.89	32.44 0.51 -6.26	25.85 0.46 -4.66	21.27 0.35 -3.40	20.14 0.32 -2.78	14.99 0.28 -3.34	16.47 0.39 -1.98
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	14.29 0.27 -2.24	12.58 0.23 -2.08	10.15 0.17 -2.56	9.88 0.17 -2.63	11.33 0.21 -2.17	14.16 0.31 -1.85	19.63 0.50 -2.85	23.58 0.54 -3.74	21.53 0.55 -3.71	22.72 0.59 -1.73	21.73 0.48 -1.99	21.41 0.47 -2.07	20.81 0.47 -2.28	20.77 0.46 -2.66	19.81 0.43 -3.35	19.21 0.44 -4.20	22.10 0.49 -5.28	28.22 0.51 -8.96	32.78 0.80 -6.31	26.09 0.66 -4.70	21.51 0.56 -3.43	20.33 0.49 -2.81	15.10 0.36 -3.37	16.56 0.47 -2.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	14.15 0.15 -2.22	12.44 0.11 -2.06	10.03 0.08 -2.53	9.77 0.09 -2.60	11.21 0.12 -2.14	13.99 0.17 -1.83	19.35 0.26 -2.81	23.21 0.21 -3.70	21.19 0.26 -3.67	22.35 0.24 -1.71	21.40 0.17 -1.97	21.10 0.19 -2.04	20.50 0.18 -2.26	20.48 0.19 -2.63	19.53 0.19 -3.31	18.94 0.22 -4.15	21.76 0.21 -5.22	27.82 0.21 -8.86	32.30 0.39 -6.24	25.73 0.35 -4.65	21.19 0.28 -3.39	20.05 0.24 -2.78	14.91 0.22 -3.33	16.38 0.31 -1.98
STA_56___34_KV_BUS2 355983	14.15 0.15 -2.22	12.44 0.11 -2.06	10.03 0.08 -2.53	9.77 0.09 -2.60	11.21 0.12 -2.14	13.99 0.17 -1.83	19.35 0.26 -2.81	23.21 0.21 -3.70	21.19 0.26 -3.67	22.35 0.24 -1.71	21.40 0.17 -1.97	21.10 0.19 -2.04	20.50 0.18 -2.26	20.48 0.19 -2.63	19.53 0.19 -3.31	18.94 0.22 -4.15	21.76 0.21 -5.22	27.82 0.21 -8.86	32.30 0.39 -6.24	25.73 0.35 -4.65	21.19 0.28 -3.39	20.05 0.24 -2.78	14.91 0.22 -3.33	16.38 0.31 -1.98
STA_67___115KV_BK2 355882	14.20 0.20 -2.22	12.49 0.15 -2.06	10.07 0.12 -2.54	9.82 0.13 -2.60	11.25 0.15 -2.15	14.06 0.23 -1.84	19.44 0.34 -2.82	23.26 0.25 -3.71	21.25 0.31 -3.68	22.42 0.31 -1.72	21.44 0.21 -1.97	21.15 0.23 -2.05	20.54 0.22 -2.26	20.54 0.25 -2.63	19.57 0.22 -3.32	19.00 0.26 -4.16	21.83 0.26 -5.23	27.88 0.24 -8.88	32.36 0.44 -6.26	25.78 0.39 -4.66	21.25 0.33 -3.40	20.10 0.29 -2.78	14.97 0.26 -3.34	16.44 0.37 -1.98
STA_7___115KV_9TRANS 80674	14.27 0.27 -2.22	12.55 0.22 -2.06	10.11 0.16 -2.54	9.85 0.16 -2.61	11.31 0.21 -2.15	14.12 0.29 -1.84	19.52 0.42 -2.82	23.40 0.39 -3.71	21.38 0.43 -3.68	22.56 0.45 -1.72	21.57 0.35 -1.98	21.28 0.36 -2.05	20.67 0.34 -2.26	20.64 0.35 -2.63	19.68 0.34 -3.32	19.10 0.36 -4.16	21.94 0.38 -5.23	28.03 0.39 -8.89	32.60 0.67 -6.26	25.97 0.58 -4.66	21.38 0.46 -3.40	20.23 0.41 -2.78	15.04 0.33 -3.34	16.53 0.45 -1.98
STA_82___115KV_TB1 80780	14.22 0.21 -2.23	12.50 0.16 -2.07	10.09 0.13 -2.54	9.83 0.13 -2.61	11.27 0.16 -2.15	14.06 0.23 -1.84	19.45 0.34 -2.83	23.29 0.27 -3.72	21.27 0.31 -3.69	22.42 0.31 -1.72	21.46 0.23 -1.98	21.17 0.25 -2.05	20.56 0.23 -2.27	20.54 0.25 -2.64	19.60 0.24 -3.33	19.03 0.28 -4.17	21.84 0.26 -5.24	27.92 0.26 -8.91	32.41 0.46 -6.28	25.82 0.41 -4.67	21.26 0.33 -3.41	20.13 0.31 -2.79	14.99 0.27 -3.35	16.46 0.38 -1.99
STEEL___WIND 323596	14.39 0.04 -2.58	12.68 0.01 -2.40	10.38 0.01 -2.95	10.15 0.04 -3.03	11.46 0.02 -2.49	14.19 0.06 -2.13	19.63 0.08 -3.27	23.49 -0.12 -4.31	21.44 -0.10 -4.28	22.27 -0.12 -2.00	21.40 -0.15 -2.30	21.20 -0.06 -2.38	20.57 -0.13 -2.63	20.67 -0.05 -3.06	19.84 -0.05 -3.87	19.43 0.01 -4.84	22.44 0.02 -6.09	28.94 -0.13 -10.31	32.86 -0.08 -7.27	26.14 0.00 -5.41	21.49 0.02 -3.95	20.30 0.03 -3.23	15.38 0.14 -3.87	16.64 0.24 -2.30

STEPHTWN_115KV_BK_2 55603	23.84 0.48 -11.58	21.44 0.42 -10.75	20.93 0.29 -13.22	20.94 0.28 -13.57	20.51 0.37 -11.19	22.10 0.53 -9.58	31.69 0.72 -14.70	39.48 0.85 -19.33	37.19 0.74 -19.19	30.16 0.82 -8.95	30.30 0.75 -10.29	30.24 0.70 -10.67	30.53 0.69 -11.78	32.08 0.71 -13.72	33.96 0.62 -17.31	36.82 0.57 -21.67	44.26 0.67 -27.26	65.79 0.75 -46.28	59.34 1.05 -32.62	45.85 0.83 -24.29	35.97 0.74 -17.72	32.22 0.68 -14.50	29.23 0.48 -17.39	25.01 0.59 -10.32
STEUBEN_REC_LFGE 323667	15.20 0.35 -3.07	13.43 0.31 -2.85	11.15 0.23 -3.51	10.92 0.24 -3.60	12.21 0.29 -2.97	14.95 0.42 -2.54	20.86 0.68 -3.90	25.10 0.68 -5.13	22.94 0.59 -5.09	23.46 0.69 -2.37	22.58 0.60 -2.73	22.31 0.60 -2.83	21.75 0.56 -3.13	21.86 0.57 -3.64	21.11 0.50 -4.59	20.87 0.54 -5.75	24.30 0.74 -7.23	31.72 0.69 -12.28	35.40 1.08 -8.65	28.10 0.93 -6.44	22.99 0.77 -4.70	21.53 0.65 -3.85	16.44 0.45 -4.61	17.40 0.56 -2.74
STILLWATER___SOLAR 323814	24.41 0.66 -11.98	21.96 0.58 -11.12	21.52 0.42 -13.68	21.54 0.41 -14.04	21.08 0.56 -11.57	22.67 0.77 -9.91	32.54 1.06 -15.20	40.62 1.33 -19.99	38.28 1.17 -19.85	30.98 1.33 -9.26	31.13 1.23 -10.65	31.08 1.17 -11.04	31.37 1.12 -12.19	32.98 1.13 -14.19	34.96 1.03 -17.91	37.93 0.93 -22.42	45.56 1.03 -28.19	67.81 1.18 -47.88	61.05 1.64 -33.74	47.16 1.31 -25.13	36.93 1.09 -18.33	33.04 1.00 -15.00	29.98 0.63 -17.98	25.55 0.78 -10.67
STONY___BROOK 24151	31.33 1.19 -18.36	24.21 1.02 -12.92	20.46 0.74 -12.30	21.35 0.70 -13.57	23.36 0.86 -13.54	28.10 1.15 -14.95	31.25 1.64 -13.33	37.04 1.85 -15.89	36.82 1.71 -17.85	34.02 2.30 -11.32	34.18 2.17 -12.76	34.19 2.17 -13.15	33.43 2.02 -13.35	34.03 1.87 -14.50	33.87 1.70 -16.15	36.57 1.53 -20.46	43.21 1.63 -25.25	58.54 2.03 -37.76	97.00 2.80 -68.54	57.42 2.24 -34.46	47.70 1.77 -28.41	35.27 1.84 -16.40	33.60 1.16 -21.07	29.14 1.48 -13.56
STURGEON_POOL_HYD 23609	22.02 0.69 -9.54	19.71 0.59 -8.86	18.74 0.42 -10.90	18.68 0.40 -11.19	18.65 0.47 -9.22	20.47 0.59 -7.89	29.17 0.78 -12.12	36.35 1.12 -15.93	34.13 1.05 -15.82	29.10 1.33 -7.38	29.06 1.33 -8.48	29.01 1.34 -8.80	29.06 1.28 -9.71	30.20 1.24 -11.31	31.43 1.14 -14.27	33.45 1.01 -17.86	39.89 1.09 -22.47	57.44 1.26 -37.43	53.79 1.75 -26.38	42.06 1.31 -20.02	33.26 1.14 -14.61	30.13 1.14 -11.95	26.34 0.64 -14.33	23.39 0.79 -8.51
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.90 0.68 -8.44	18.69 0.59 -7.83	17.48 0.42 -9.64	17.38 0.40 -9.89	17.60 0.49 -8.15	19.61 0.64 -6.98	27.85 0.86 -10.71	34.52 1.14 -14.08	32.31 1.07 -13.98	28.24 1.33 -6.52	28.04 1.29 -7.50	27.93 1.28 -7.78	27.88 1.23 -8.59	28.86 1.20 -10.00	29.73 1.09 -12.62	31.35 0.98 -15.79	37.26 1.06 -19.86	53.68 1.20 -33.73	51.03 1.59 -23.77	39.74 1.31 -17.70	31.53 1.10 -12.91	28.71 1.11 -10.57	24.69 0.65 -12.67	22.43 0.82 -7.52
SWANROAD_115KV_TB1 355699	14.17 -0.07 -2.46	12.46 -0.09 -2.29	10.18 -0.05 -2.81	9.96 -0.01 -2.89	11.27 -0.06 -2.38	13.96 -0.07 -2.04	19.20 -0.20 -3.12	22.85 -0.56 -4.11	20.86 -0.48 -4.08	21.73 -0.57 -1.90	20.84 -0.60 -2.19	20.67 -0.47 -2.27	20.06 -0.51 -2.51	20.13 -0.44 -2.92	19.31 -0.40 -3.68	18.85 -0.34 -4.61	21.71 -0.42 -5.80	27.94 -0.66 -9.84	31.81 -0.80 -6.94	25.34 -0.56 -5.17	20.92 -0.37 -3.77	19.76 -0.36 -3.09	14.98 -0.09 -3.70	16.28 -0.01 -2.19
SYNERGY___BIOGAS 323694	14.46 0.32 -2.37	12.71 0.25 -2.20	10.30 0.19 -2.70	10.06 0.21 -2.77	11.47 0.23 -2.29	14.28 0.34 -1.96	19.70 0.42 -3.00	23.58 0.33 -3.95	21.55 0.36 -3.93	22.59 0.37 -1.83	21.59 0.23 -2.11	21.34 0.28 -2.18	20.71 0.23 -2.41	20.75 0.28 -2.81	19.84 0.27 -3.54	19.31 0.29 -4.44	22.19 0.28 -5.58	28.43 0.23 -9.45	32.82 0.49 -6.66	26.15 0.46 -4.96	21.52 0.38 -3.62	20.37 0.37 -2.96	15.26 0.34 -3.55	16.70 0.49 -2.11
SYRACUSE___ENERGY_ST1 323597	14.06 0.21 -2.07	12.39 0.20 -1.92	9.92 0.14 -2.37	9.65 0.13 -2.43	11.12 0.17 -2.00	13.93 0.23 -1.71	19.29 0.39 -2.63	23.20 0.44 -3.46	21.09 0.40 -3.43	22.46 0.47 -1.60	21.52 0.42 -1.84	21.20 0.42 -1.91	20.57 0.40 -2.11	20.50 0.39 -2.45	19.47 0.35 -3.10	18.80 0.35 -3.88	21.65 0.44 -4.87	27.44 0.41 -8.28	32.09 0.59 -5.83	25.57 0.50 -4.34	21.11 0.42 -3.17	20.02 0.39 -2.59	14.75 0.27 -3.11	16.28 0.34 -1.85
SYRACUSE___ENERGY_ST2 323598	14.06 0.21 -2.07	12.39 0.20 -1.92	9.92 0.14 -2.37	9.65 0.13 -2.43	11.12 0.17 -2.00	13.93 0.23 -1.71	19.29 0.39 -2.63	23.20 0.44 -3.46	21.09 0.40 -3.43	22.46 0.47 -1.60	21.52 0.42 -1.84	21.20 0.42 -1.91	20.57 0.40 -2.11	20.50 0.39 -2.45	19.47 0.35 -3.10	18.80 0.35 -3.88	21.65 0.44 -4.87	27.44 0.41 -8.28	32.09 0.59 -5.83	25.57 0.50 -4.34	21.11 0.42 -3.17	20.02 0.39 -2.59	14.75 0.27 -3.11	16.28 0.34 -1.85
SYRACUSE___POWER 24017	14.02 0.16 -2.08	12.34 0.14 -1.93	9.89 0.10 -2.37	9.62 0.10 -2.44	11.09 0.13 -2.01	13.88 0.17 -1.72	19.22 0.31 -2.64	23.12 0.35 -3.47	21.02 0.31 -3.44	22.37 0.37 -1.61	21.45 0.35 -1.85	21.11 0.32 -1.92	20.50 0.33 -2.11	20.44 0.32 -2.46	19.40 0.27 -3.11	18.76 0.29 -3.89	21.59 0.36 -4.89	27.40 0.34 -8.31	32.04 0.51 -5.85	25.50 0.41 -4.36	21.05 0.35 -3.18	19.96 0.32 -2.60	14.72 0.23 -3.12	16.22 0.27 -1.85
TALLMAN__138KV_BK151 55660	21.10 0.71 -8.62	18.87 0.61 -8.00	17.71 0.45 -9.84	17.61 0.42 -10.10	17.80 0.52 -8.33	19.78 0.66 -7.13	28.13 0.91 -10.94	34.88 1.20 -14.38	32.66 1.12 -14.28	28.46 1.41 -6.66	28.30 1.39 -7.66	28.21 1.40 -7.94	28.17 1.34 -8.77	29.16 1.29 -10.21	30.08 1.17 -12.88	31.76 1.05 -16.13	37.76 1.14 -20.28	54.51 1.31 -34.45	51.69 1.75 -24.28	40.24 1.43 -18.08	31.88 1.17 -13.19	28.98 1.16 -10.79	25.00 0.69 -12.94	22.64 0.86 -7.68
TEALLAVE_115KV_TB7 355573	13.80 0.12 -1.91	12.14 0.10 -1.77	9.67 0.07 -2.18	9.39 0.07 -2.23	10.88 0.09 -1.84	13.69 0.12 -1.58	18.94 0.24 -2.42	22.73 0.25 -3.18	20.64 0.22 -3.16	22.15 0.29 -1.47	21.20 0.25 -1.69	20.87 0.25 -1.76	20.23 0.23 -1.94	20.16 0.25 -2.26	19.08 0.21 -2.85	18.36 0.22 -3.57	21.10 0.28 -4.49	26.60 0.23 -7.62	31.40 0.36 -5.37	25.02 0.29 -4.00	20.68 0.25 -2.92	19.64 0.22 -2.39	14.40 0.17 -2.86	16.01 0.21 -1.70
TELGRAPH_34_KV_EAST 80808	14.33 0.15 -2.40	12.60 0.10 -2.23	10.25 0.09 -2.74	10.01 0.11 -2.81	11.39 0.12 -2.32	14.14 0.17 -1.98	19.50 0.18 -3.04	23.29 -0.02 -4.00	21.27 0.03 -3.98	22.27 0.02 -1.85	21.31 -0.08 -2.13	21.08 0.00 -2.21	20.47 -0.04 -2.44	20.52 0.02 -2.84	19.63 0.02 -3.59	19.13 0.06 -4.49	22.00 0.02 -5.65	28.21 -0.13 -9.59	32.40 -0.03 -6.76	25.80 0.04 -5.03	21.29 0.11 -3.67	20.12 0.09 -3.00	15.14 0.17 -3.60	16.53 0.30 -2.14
TEMPLE___115KV_TB 2 55572	13.83 0.13 -1.92	12.17 0.11 -1.78	9.69 0.08 -2.19	9.41 0.08 -2.25	10.91 0.10 -1.86	13.71 0.13 -1.59	18.98 0.26 -2.44	22.78 0.27 -3.21	20.69 0.24 -3.18	22.18 0.31 -1.49	21.23 0.27 -1.71	20.91 0.26 -1.77	20.29 0.27 -1.96	20.20 0.26 -2.28	19.12 0.22 -2.87	18.41 0.23 -3.60	21.15 0.29 -4.52	26.70 0.26 -7.68	31.47 0.39 -5.41	25.07 0.31 -4.03	20.72 0.26 -2.94	19.68 0.24 -2.41	14.44 0.18 -2.89	16.03 0.23 -1.71

TIANA____69_KV_BK 1 55817	31.46 1.32 -18.36	24.32 1.13 -12.92	20.55 0.83 -12.30	21.44 0.79 -13.57	23.46 0.97 -13.54	28.24 1.30 -14.95	31.47 1.87 -13.32	37.33 2.16 -15.87	36.78 1.97 -17.55	34.02 2.57 -11.06	33.89 2.46 -12.18	33.88 2.45 -12.55	33.19 2.28 -12.85	33.85 2.14 -14.06	33.84 1.94 -15.88	36.45 1.78 -20.09	43.12 1.94 -24.84	58.80 2.29 -37.76	91.77 3.13 -62.97	55.75 2.51 -32.51	46.18 2.10 -26.56	35.54 2.13 -16.38	33.77 1.33 -21.07	29.33 1.68 -13.56
TILDEN____115KV_TB1 80814	14.02 0.16 -2.08	12.34 0.14 -1.93	9.89 0.10 -2.37	9.62 0.10 -2.44	11.09 0.13 -2.01	13.88 0.17 -1.72	19.22 0.31 -2.64	23.12 0.35 -3.47	21.02 0.31 -3.44	22.37 0.37 -1.61	21.45 0.35 -1.85	21.11 0.32 -1.92	20.50 0.33 -2.11	20.44 0.32 -2.46	19.40 0.27 -3.11	18.76 0.29 -3.89	21.59 0.36 -4.89	27.40 0.34 -8.31	32.04 0.51 -5.85	25.50 0.41 -4.36	21.05 0.35 -3.18	19.96 0.32 -2.60	14.72 0.23 -3.12	16.22 0.27 -1.85
TRIGEN____CC 323695	31.12 0.98 -18.36	24.04 0.84 -12.92	20.33 0.61 -12.30	21.23 0.58 -13.57	23.20 0.71 -13.54	27.88 0.94 -14.95	30.93 1.33 -13.32	36.67 1.62 -15.75	34.40 1.50 -15.63	31.71 1.96 -9.36	29.54 1.91 -8.39	29.45 1.89 -8.69	29.43 1.77 -9.60	30.51 1.68 -11.18	31.65 1.52 -14.11	33.61 1.37 -17.66	40.01 1.47 -22.21	58.17 1.71 -37.71	54.61 2.36 -26.58	42.43 1.91 -19.79	33.52 1.56 -14.44	34.86 1.57 -16.26	33.36 0.97 -21.02	28.81 1.20 -13.51
TRINITY__115KV__ 4 BK 55933	23.77 0.39 -11.60	21.38 0.34 -10.77	20.92 0.24 -13.26	20.92 0.23 -13.61	20.47 0.30 -11.21	22.02 0.43 -9.60	31.58 0.57 -14.73	39.37 0.69 -19.37	37.10 0.60 -19.23	30.04 0.67 -8.97	30.19 0.62 -10.32	30.15 0.59 -10.70	30.45 0.58 -11.81	31.99 0.58 -13.75	33.89 0.51 -17.35	36.75 0.45 -21.72	44.18 0.52 -27.32	65.75 0.60 -46.39	59.18 0.82 -32.70	45.74 0.66 -24.35	35.86 0.58 -17.76	32.12 0.55 -14.54	29.16 0.36 -17.43	24.90 0.47 -10.34
UNION__PROCESSING_DRP 323587	14.22 0.21 -2.23	12.50 0.16 -2.07	10.09 0.13 -2.55	9.83 0.13 -2.61	11.27 0.16 -2.15	14.08 0.24 -1.84	19.46 0.36 -2.83	23.31 0.29 -3.72	21.28 0.33 -3.69	22.44 0.33 -1.72	21.46 0.23 -1.98	21.19 0.26 -2.05	20.56 0.23 -2.27	20.56 0.26 -2.64	19.60 0.24 -3.33	19.03 0.28 -4.17	21.86 0.28 -5.25	27.93 0.26 -8.91	32.41 0.46 -6.28	25.82 0.41 -4.68	21.28 0.35 -3.41	20.13 0.31 -2.79	14.99 0.27 -3.35	16.46 0.38 -1.99
UPPER HUDSON__HYD 24058	24.42 0.61 -12.03	21.97 0.53 -11.17	21.60 0.44 -13.74	21.62 0.42 -14.11	21.21 0.63 -11.63	22.85 0.90 -9.95	32.82 1.27 -15.27	40.99 1.60 -20.08	38.62 1.42 -19.94	31.31 1.61 -9.30	31.43 1.48 -10.70	31.36 1.40 -11.09	31.63 1.32 -12.25	33.24 1.32 -14.26	35.22 1.20 -17.99	38.22 1.12 -22.52	45.77 1.11 -28.33	68.11 1.26 -48.10	61.31 1.75 -33.90	47.32 1.35 -25.24	37.06 1.12 -18.42	33.09 0.99 -15.07	30.04 0.60 -18.07	25.54 0.72 -10.72
UPPER RAQUET__HYD 24056	3.82 -0.49 7.47	4.05 -0.42 5.80	3.80 -0.30 3.31	2.73 -0.30 4.05	3.01 -0.41 5.53	3.27 -0.67 8.05	6.25 -0.96 9.07	8.13 -1.12 10.05	6.54 -1.19 9.53	8.03 -1.45 10.92	11.24 -1.35 6.66	10.98 -1.36 6.53	10.53 -1.32 6.21	10.33 -1.29 6.03	11.86 -1.17 3.00	11.72 -1.09 1.76	15.75 -1.23 -0.64	18.67 -1.29 -1.21	24.73 -1.80 -0.85	16.05 -1.45 3.23	10.58 -1.19 5.75	7.64 -1.09 8.30	7.21 -0.60 3.56	8.65 -0.70 4.74
VALLEY44_115KV_TB2 355964	14.33 -0.18 -2.73	12.64 -0.16 -2.53	10.42 -0.11 -3.12	10.20 -0.08 -3.20	11.46 -0.13 -2.64	14.10 -0.14 -2.26	19.59 -0.15 -3.46	23.59 -0.27 -4.55	21.51 -0.28 -4.52	22.20 -0.31 -2.11	21.33 -0.35 -2.43	21.12 -0.26 -2.51	20.53 -0.31 -2.78	20.64 -0.25 -3.23	19.88 -0.22 -4.08	19.52 -0.16 -5.11	22.61 -0.15 -6.42	29.38 -0.28 -10.90	33.10 -0.26 -7.69	26.31 -0.15 -5.72	21.57 -0.12 -4.18	20.30 -0.15 -3.42	15.44 -0.02 -4.10	16.54 0.01 -2.43
VALLEY__115KV_TB 1-4 80826	12.81 0.22 -0.80	11.13 0.20 -0.66	8.08 0.14 -0.53	7.80 0.13 -0.59	9.79 0.19 -0.65	13.06 0.26 -0.80	17.68 0.39 -1.02	21.00 0.50 -1.19	18.84 0.47 -1.11	21.94 0.55 -1.00	20.46 0.50 -0.71	20.07 0.49 -0.71	19.24 0.47 -0.71	18.82 0.42 -0.74	16.98 0.37 -0.59	15.50 0.34 -0.59	17.25 0.39 -0.52	19.98 0.34 -0.89	26.73 0.44 -0.63	21.83 0.33 -0.77	18.69 0.35 -0.82	18.36 0.37 -0.95	12.26 0.24 -0.65	14.97 0.28 -0.59
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.08 0.66 -4.64	15.18 0.61 -4.31	13.14 0.42 -5.30	12.92 0.40 -5.44	13.96 0.53 -4.48	16.55 0.72 -3.84	23.22 1.06 -5.89	28.44 1.39 -7.74	26.19 1.24 -7.69	25.47 1.49 -3.59	24.70 1.33 -4.12	24.45 1.30 -4.28	23.99 1.21 -4.72	24.36 1.20 -5.50	24.05 1.09 -6.94	24.27 1.01 -8.68	28.38 1.13 -10.92	38.65 1.35 -18.55	40.61 1.87 -13.07	31.96 1.49 -9.73	25.86 1.24 -7.10	24.04 1.19 -5.81	19.09 0.75 -6.97	19.12 0.89 -4.13
VISCHER____FERRY HYD 24020	24.14 0.57 -11.79	21.72 0.50 -10.95	21.25 0.36 -13.47	21.26 0.35 -13.83	20.81 0.46 -11.40	22.37 0.62 -9.76	32.10 0.85 -14.97	40.05 1.06 -19.69	37.74 0.93 -19.55	30.57 1.06 -9.12	30.72 0.98 -10.49	30.69 0.94 -10.87	30.97 0.90 -12.01	32.54 0.90 -13.98	34.48 0.82 -17.64	37.40 0.74 -22.08	44.95 0.85 -27.77	66.86 0.96 -47.15	60.23 1.33 -33.23	46.53 1.06 -24.75	36.46 0.89 -18.05	32.66 0.85 -14.78	29.62 0.53 -17.71	25.27 0.66 -10.51
V_A_10_SYNC_DSASP 323832	14.19 0.07 -2.34	12.49 0.05 -2.17	10.13 0.04 -2.67	9.90 0.07 -2.74	11.28 0.06 -2.26	14.02 0.10 -1.94	19.38 0.13 -2.97	23.11 -0.10 -3.91	21.10 -0.05 -3.89	22.10 -0.10 -1.81	21.20 -0.13 -2.08	20.98 -0.06 -2.16	20.36 -0.09 -2.39	20.38 -0.05 -2.78	19.48 -0.05 -3.51	18.98 0.01 -4.39	21.84 -0.02 -5.52	27.96 -0.15 -9.35	32.13 -0.13 -6.59	25.60 -0.04 -4.91	21.08 -0.02 -3.58	19.98 0.02 -2.93	15.02 0.14 -3.51	16.42 0.24 -2.09
V_CMM_10_SYNC_DSASP 323787	1.27 -0.37 10.14	2.02 -0.32 7.93	2.41 -0.23 4.77	1.11 -0.22 5.75	1.07 -0.28 7.61	0.77 -0.38 10.83	3.35 -0.59 12.34	4.83 -0.69 13.78	3.68 -0.66 12.93	5.18 -0.80 14.42	9.60 -0.71 8.94	9.37 -0.72 8.78	8.97 -0.69 8.41	8.73 -0.69 8.24	10.99 -0.63 4.41	11.05 -0.58 2.95	15.66 -0.67 0.00	18.04 -0.71 0.00	24.67 -1.00 0.00	14.87 -0.81 5.04	8.74 -0.67 8.11	5.05 -0.65 11.33	5.71 -0.42 5.24	7.03 -0.52 6.54
V_CMP_10_SYNC_DSASP 323788	1.26 -0.55 9.97	1.98 -0.49 7.80	2.37 -0.35 4.69	1.06 -0.37 5.65	1.02 -0.46 7.48	0.71 -0.64 10.65	3.23 -0.91 12.13	4.44 -1.31 13.55	3.27 -1.28 12.71	4.71 -1.51 14.18	9.38 -1.08 8.79	9.10 -1.13 8.64	8.78 -1.01 8.27	8.48 -1.08 8.10	10.76 -0.93 4.33	10.76 -0.92 2.90	15.31 -1.03 0.00	17.83 -0.92 0.00	24.28 -1.39 0.00	14.59 -1.18 4.96	8.46 -1.09 7.98	4.80 -1.09 11.14	5.49 -0.73 5.15	6.73 -0.93 6.43
V_E_10_SYNC_DSASP 323830	16.35 0.79 -3.79	14.53 0.75 -3.51	12.26 0.52 -4.32	12.00 0.48 -4.44	13.30 0.69 -3.66	16.09 0.97 -3.13	22.61 1.53 -4.81	27.63 2.01 -6.32	25.23 1.69 -6.28	25.28 1.96 -2.93	24.26 1.64 -3.37	23.91 1.55 -3.49	23.34 1.43 -3.86	23.60 1.45 -4.49	23.02 1.33 -5.67	22.97 1.30 -7.09	26.81 1.55 -8.92	35.74 1.86 -15.13	38.98 2.64 -10.67	30.74 2.07 -7.94	25.03 1.72 -5.79	23.34 1.57 -4.74	18.07 1.01 -5.68	18.65 1.18 -3.37

V_F_30_NSYNC___DSASP 323816	24.45 0.67 -12.00	22.00 0.59 -11.14	21.55 0.43 -13.71	21.57 0.42 -14.07	21.11 0.56 -11.60	22.70 0.78 -9.93	32.58 1.07 -15.24	40.68 1.35 -20.03	38.34 1.19 -19.89	31.04 1.37 -9.28	31.17 1.25 -10.67	31.14 1.21 -11.06	31.41 1.14 -12.22	33.03 1.15 -14.22	35.01 1.04 -17.95	38.00 0.96 -22.46	45.64 1.05 -28.25	67.95 1.22 -47.98	61.17 1.69 -33.81	47.24 1.33 -25.18	37.01 1.12 -18.37	33.09 1.02 -15.03	30.04 0.65 -18.02	25.58 0.79 -10.70
V_F_30_SYNC_DSASP 323786	23.89 0.41 -11.70	21.50 0.37 -10.86	21.04 0.26 -13.37	21.05 0.25 -13.72	20.58 0.32 -11.31	22.13 0.46 -9.68	31.75 0.62 -14.86	39.59 0.75 -19.53	37.31 0.66 -19.39	30.17 0.73 -9.05	30.33 0.67 -10.40	30.30 0.64 -10.79	30.60 0.63 -11.91	32.16 0.64 -13.87	34.08 0.56 -17.50	36.98 0.50 -21.90	44.47 0.59 -27.55	66.19 0.66 -46.79	59.54 0.90 -32.97	46.01 0.73 -24.56	36.06 0.63 -17.91	32.29 0.60 -14.66	29.34 0.40 -17.57	25.02 0.49 -10.43
V_XM_10_SYNC_DSASP 323789	1.26 -0.55 9.97	1.98 -0.49 7.80	2.37 -0.35 4.69	1.06 -0.37 5.65	1.02 -0.46 7.48	0.71 -0.64 10.65	3.23 -0.91 12.13	4.44 -1.31 13.55	3.27 -1.28 12.71	4.71 -1.51 14.18	9.38 -1.08 8.79	9.10 -1.13 8.64	8.78 -1.01 8.27	8.48 -1.08 8.10	10.76 -0.93 4.33	10.76 -0.92 2.90	15.31 -1.03 0.00	17.83 -0.92 0.00	24.28 -1.39 0.00	14.59 -1.18 4.96	8.46 -1.09 7.98	4.80 -1.09 11.14	5.49 -0.73 5.15	6.73 -0.93 6.43
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.14 0.73 -8.63	18.91 0.63 -8.01	17.74 0.46 -9.86	17.65 0.44 -10.12	17.83 0.54 -8.34	19.82 0.68 -7.14	28.16 0.93 -10.96	34.93 1.22 -14.41	32.73 1.16 -14.31	28.52 1.45 -6.67	28.35 1.42 -7.68	28.25 1.42 -7.96	28.20 1.35 -8.79	29.20 1.31 -10.23	30.14 1.20 -12.91	31.80 1.06 -16.16	37.82 1.16 -20.33	54.62 1.35 -34.52	51.79 1.80 -24.33	40.30 1.45 -18.12	31.94 1.21 -13.22	29.04 1.19 -10.82	25.04 0.70 -12.97	22.67 0.87 -7.70
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.13 0.92 -9.44	19.80 0.77 -8.76	18.76 0.56 -10.78	18.68 0.53 -11.06	18.72 0.64 -9.12	20.65 0.85 -7.81	29.46 1.20 -11.98	36.62 1.56 -15.75	34.38 1.48 -15.64	29.60 1.92 -7.29	29.51 1.87 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.57 1.73 -11.18	31.70 1.57 -14.11	33.64 1.40 -17.66	40.02 1.47 -22.21	58.18 1.71 -37.72	54.54 2.28 -26.59	42.35 1.82 -19.80	33.42 1.45 -14.44	30.33 1.48 -11.82	26.45 0.91 -14.17	23.63 1.13 -8.41
W50THST__13_KV_LOAD 356117	22.19 0.98 -9.44	19.85 0.82 -8.76	18.80 0.60 -10.78	18.71 0.57 -11.06	18.75 0.68 -9.12	20.71 0.91 -7.81	29.54 1.29 -11.98	36.71 1.66 -15.75	34.49 1.59 -15.64	29.73 2.04 -7.29	29.64 2.00 -8.39	29.59 2.02 -8.70	29.58 1.91 -9.60	30.68 1.84 -11.18	31.82 1.68 -14.11	33.74 1.50 -17.66	40.12 1.57 -22.21	58.31 1.84 -37.72	54.69 2.44 -26.59	42.48 1.95 -19.80	33.52 1.56 -14.44	30.44 1.58 -11.82	26.51 0.97 -14.17	23.70 1.20 -8.41
WADING RIVER_IC_1 23522	31.38 1.24 -18.36	24.24 1.05 -12.92	20.50 0.78 -12.30	21.38 0.73 -13.57	23.39 0.90 -13.54	28.14 1.20 -14.95	31.33 1.72 -13.33	37.14 1.97 -15.87	36.62 1.80 -17.56	33.84 2.38 -11.07	33.69 2.25 -12.19	33.69 2.24 -12.57	33.02 2.09 -12.87	33.69 1.96 -14.07	33.69 1.78 -15.89	36.30 1.62 -20.10	42.94 1.75 -24.85	58.55 2.04 -37.76	91.54 2.77 -63.09	55.50 2.22 -32.55	46.03 1.91 -26.60	35.37 1.96 -16.38	33.67 1.23 -21.07	29.20 1.55 -13.56
WADING RIVER_IC_2 23547	31.38 1.24 -18.36	24.24 1.05 -12.92	20.50 0.78 -12.30	21.38 0.73 -13.57	23.39 0.90 -13.54	28.14 1.20 -14.95	31.33 1.72 -13.33	37.14 1.97 -15.87	36.62 1.80 -17.56	33.84 2.38 -11.07	33.69 2.25 -12.19	33.69 2.24 -12.57	33.02 2.09 -12.87	33.69 1.96 -14.07	33.69 1.78 -15.89	36.30 1.62 -20.10	42.94 1.75 -24.85	58.55 2.04 -37.76	91.54 2.77 -63.09	55.50 2.22 -32.55	46.03 1.91 -26.60	35.37 1.96 -16.38	33.67 1.23 -21.07	29.20 1.55 -13.56
WADING RIVER_IC_3 23601	31.38 1.24 -18.36	24.24 1.05 -12.92	20.50 0.78 -12.30	21.38 0.73 -13.57	23.39 0.90 -13.54	28.14 1.20 -14.95	31.33 1.72 -13.33	37.14 1.97 -15.87	36.62 1.80 -17.56	33.84 2.38 -11.07	33.69 2.25 -12.19	33.69 2.24 -12.57	33.02 2.09 -12.87	33.69 1.96 -14.07	33.69 1.78 -15.89	36.30 1.62 -20.10	42.94 1.75 -24.85	58.55 2.04 -37.76	91.54 2.77 -63.09	55.50 2.22 -32.55	46.03 1.91 -26.60	35.37 1.96 -16.38	33.67 1.23 -21.07	29.20 1.55 -13.56
WALDENNY_12_KV_BK2 80841	14.41 0.06 -2.57	12.68 0.02 -2.38	10.38 0.03 -2.93	10.14 0.05 -3.01	11.47 0.04 -2.48	14.19 0.07 -2.12	19.63 0.10 -3.26	23.49 -0.10 -4.29	21.43 -0.09 -4.26	22.28 -0.10 -1.99	21.38 -0.15 -2.28	21.20 -0.04 -2.37	20.57 -0.11 -2.61	20.66 -0.04 -3.04	19.83 -0.03 -3.84	19.41 0.03 -4.81	22.40 0.02 -6.05	28.89 -0.13 -10.26	32.83 -0.08 -7.24	26.12 0.00 -5.39	21.50 0.05 -3.93	20.28 0.03 -3.22	15.37 0.15 -3.86	16.63 0.24 -2.29
WALDEN___HYDRO 24148	21.46 0.74 -8.94	19.20 0.63 -8.30	18.08 0.45 -10.22	18.00 0.43 -10.49	18.12 0.53 -8.64	20.06 0.67 -7.40	28.52 0.89 -11.35	35.43 1.20 -14.93	33.21 1.12 -14.82	28.67 1.37 -6.91	28.53 1.33 -7.95	28.44 1.32 -8.24	28.43 1.26 -9.10	29.49 1.24 -10.60	30.54 1.14 -13.37	32.34 1.02 -16.74	38.50 1.11 -21.06	55.82 1.31 -35.75	52.58 1.72 -25.20	40.90 1.41 -18.76	32.40 1.19 -13.69	29.41 1.17 -11.20	25.49 0.69 -13.43	22.93 0.86 -7.97
WARRENSBURG____ 23737	24.42 0.61 -12.03	21.97 0.53 -11.17	21.60 0.44 -13.74	21.62 0.42 -14.11	21.21 0.63 -11.63	22.85 0.90 -9.95	32.82 1.27 -15.27	40.99 1.60 -20.08	38.62 1.42 -19.94	31.31 1.61 -9.30	31.43 1.48 -10.70	31.36 1.40 -11.09	31.63 1.32 -12.25	33.24 1.32 -14.26	35.22 1.20 -17.99	38.22 1.12 -22.52	45.77 1.11 -28.33	68.11 1.26 -48.10	61.31 1.75 -33.90	47.32 1.35 -25.24	37.06 1.12 -18.42	33.09 0.99 -15.07	30.04 0.60 -18.07	25.54 0.72 -10.72
WATERSIDE___6 8 9 23538	22.11 0.90 -9.44	19.77 0.74 -8.76	18.75 0.56 -10.78	18.66 0.52 -11.06	18.69 0.62 -9.12	20.57 0.77 -7.81	29.35 1.09 -11.98	36.46 1.41 -15.75	34.28 1.38 -15.64	29.46 1.77 -7.29	29.41 1.77 -8.39	29.38 1.81 -8.70	29.38 1.72 -9.60	30.52 1.68 -11.18	31.67 1.54 -14.11	33.60 1.36 -17.66	39.90 1.36 -22.21	58.11 1.63 -37.72	54.41 2.16 -26.59	42.23 1.70 -19.80	33.33 1.37 -14.44	30.23 1.38 -11.82	26.39 0.85 -14.17	23.58 1.07 -8.41
WATKINRD_115KV_LN8_ILLION 55919	12.76 0.18 -0.80	11.10 0.16 -0.66	8.06 0.11 -0.53	7.78 0.11 -0.59	9.76 0.15 -0.65	13.00 0.20 -0.80	17.60 0.31 -1.02	20.88 0.39 -1.19	18.72 0.35 -1.11	21.82 0.43 -1.00	20.33 0.37 -0.71	19.96 0.38 -0.71	19.11 0.34 -0.71	18.71 0.32 -0.74	16.90 0.29 -0.59	15.43 0.26 -0.59	17.15 0.29 -0.52	19.92 0.28 -0.89	26.68 0.39 -0.63	21.79 0.29 -0.77	18.64 0.30 -0.82	18.29 0.31 -0.95	12.21 0.19 -0.65	14.91 0.23 -0.59
WATSON___69_KV_BK 1 55734	31.46 1.32 -18.36	24.32 1.13 -12.92	20.54 0.82 -12.30	21.43 0.78 -13.57	23.46 0.97 -13.54	28.24 1.30 -14.95	31.47 1.87 -13.32	36.87 1.78 -15.79	35.17 1.61 -16.31	32.49 2.14 -9.95	31.02 2.06 -9.71	30.95 2.04 -10.04	30.66 1.86 -10.74	31.59 1.75 -12.19	32.35 1.60 -14.73	34.54 1.46 -18.51	41.00 1.54 -23.13	58.54 2.06 -37.73	67.54 2.57 -39.30	47.04 2.07 -24.24	37.91 1.72 -18.68	35.09 1.75 -16.30	33.64 1.23 -21.04	29.04 1.41 -13.53

WDELAWARE___HYD 323627	20.81 0.82 -8.21	18.59 0.70 -7.62	17.29 0.50 -9.38	17.19 0.47 -9.63	17.46 0.57 -7.94	19.50 0.72 -6.79	27.64 0.94 -10.43	34.30 1.29 -13.71	32.10 1.23 -13.61	28.21 1.47 -6.35	28.00 1.44 -7.30	27.86 1.42 -7.57	27.79 1.37 -8.36	28.73 1.34 -9.73	29.54 1.23 -12.28	31.06 1.11 -15.37	36.91 1.24 -19.34	52.65 1.39 -32.51	50.38 1.80 -22.91	39.43 1.47 -17.23	31.42 1.33 -12.57	28.65 1.33 -10.29	24.45 0.75 -12.33	22.36 0.94 -7.32
WEST BABYLON___IC 23714	31.38 1.24 -18.36	24.25 1.06 -12.92	20.49 0.77 -12.30	21.39 0.74 -13.57	23.40 0.90 -13.54	28.16 1.21 -14.95	31.34 1.74 -13.32	36.93 1.87 -15.76	34.76 1.71 -15.79	32.13 2.24 -9.50	30.10 2.16 -8.70	30.01 2.13 -9.01	29.90 1.97 -9.87	30.93 1.85 -11.42	31.97 1.70 -14.25	33.98 1.55 -17.86	40.41 1.65 -22.42	58.53 2.06 -37.72	57.94 2.72 -29.55	43.76 2.20 -20.83	34.75 1.80 -15.43	35.14 1.84 -16.27	33.60 1.21 -21.03	29.07 1.45 -13.52
WEST CANADA___HYD 24049	12.64 0.06 -0.80	10.98 0.05 -0.66	7.98 0.04 -0.53	7.71 0.04 -0.59	9.65 0.04 -0.65	12.87 0.07 -0.80	17.39 0.10 -1.02	20.63 0.14 -1.19	18.48 0.12 -1.10	21.55 0.16 -0.99	20.07 0.12 -0.70	19.71 0.13 -0.70	18.87 0.11 -0.70	18.51 0.12 -0.73	16.71 0.11 -0.58	15.25 0.10 -0.57	16.96 0.12 -0.51	19.75 0.11 -0.89	26.45 0.15 -0.63	21.62 0.13 -0.77	18.45 0.11 -0.82	18.09 0.10 -0.95	12.09 0.07 -0.65	14.76 0.07 -0.59
WESTERN_NY_WIND 24143	14.46 0.31 -2.38	12.72 0.24 -2.21	10.31 0.18 -2.72	10.07 0.20 -2.79	11.48 0.22 -2.30	14.28 0.32 -1.97	19.70 0.41 -3.02	23.58 0.31 -3.97	21.55 0.35 -3.94	22.58 0.35 -1.84	21.58 0.21 -2.11	21.33 0.26 -2.19	20.70 0.22 -2.42	20.74 0.26 -2.82	19.82 0.24 -3.56	19.29 0.26 -4.45	22.18 0.25 -5.60	28.45 0.19 -9.51	32.80 0.44 -6.70	26.13 0.41 -4.99	21.56 0.40 -3.64	20.35 0.34 -2.98	15.27 0.33 -3.57	16.70 0.48 -2.12
WESTOVER___LESR 323668	16.07 0.33 -3.96	14.24 0.29 -3.68	12.15 0.21 -4.53	11.94 0.21 -4.65	13.03 0.25 -3.83	15.62 0.35 -3.28	21.84 0.54 -5.03	26.54 0.62 -6.62	24.38 0.55 -6.57	24.13 0.67 -3.06	23.39 0.62 -3.52	23.13 0.60 -3.65	22.65 0.56 -4.03	22.92 0.57 -4.70	22.46 0.51 -5.93	22.49 0.50 -7.42	26.25 0.59 -9.33	35.20 0.60 -15.84	37.71 0.87 -11.17	29.77 0.73 -8.32	24.20 0.61 -6.07	22.58 0.58 -4.96	17.72 0.40 -5.95	18.12 0.49 -3.53
WETHRSFD_WT_PWR 323626	14.61 0.05 -2.78	12.87 0.02 -2.58	10.61 0.02 -3.18	10.39 0.04 -3.26	11.67 0.03 -2.69	14.36 0.07 -2.30	19.93 0.13 -3.53	23.90 -0.04 -4.64	21.84 -0.03 -4.62	22.51 -0.04 -2.15	21.65 -0.08 -2.48	21.44 0.00 -2.57	20.84 -0.05 -2.83	20.94 -0.02 -3.30	20.17 -0.02 -4.16	19.84 0.04 -5.21	22.99 0.10 -6.56	29.87 0.00 -11.11	33.58 0.08 -7.83	26.71 0.15 -5.83	21.90 0.12 -4.26	20.62 0.10 -3.48	15.69 0.15 -4.17	16.80 0.22 -2.48
WHAVSTOR_138KV_BK127 55557	21.10 0.68 -8.64	18.87 0.59 -8.02	17.71 0.43 -9.87	17.62 0.41 -10.13	17.80 0.50 -8.35	19.77 0.64 -7.15	28.10 0.86 -10.97	34.86 1.14 -14.42	32.66 1.09 -14.32	28.44 1.37 -6.68	28.26 1.33 -7.68	28.17 1.34 -7.96	28.13 1.28 -8.79	29.13 1.24 -10.24	30.06 1.12 -12.92	31.75 1.01 -16.17	37.76 1.09 -20.34	54.54 1.26 -34.53	51.67 1.67 -24.34	40.22 1.37 -18.12	31.86 1.12 -13.22	28.96 1.11 -10.82	25.00 0.66 -12.97	22.61 0.82 -7.70
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.10 0.68 -8.64	18.87 0.59 -8.02	17.71 0.43 -9.87	17.62 0.41 -10.13	17.80 0.50 -8.35	19.77 0.64 -7.15	28.10 0.86 -10.97	34.86 1.14 -14.42	32.66 1.09 -14.32	28.44 1.37 -6.68	28.26 1.33 -7.68	28.17 1.34 -7.96	28.13 1.28 -8.79	29.13 1.24 -10.24	30.06 1.12 -12.92	31.75 1.01 -16.17	37.76 1.09 -20.34	54.54 1.26 -34.53	51.67 1.67 -24.34	40.22 1.37 -18.12	31.86 1.12 -13.22	28.96 1.11 -10.82	25.00 0.66 -12.97	22.61 0.82 -7.70
WHITEHAL_115KV_TB1 80871	24.61 0.81 -12.02	22.14 0.71 -11.16	21.69 0.54 -13.73	21.70 0.52 -14.09	21.32 0.75 -11.61	23.01 1.08 -9.94	33.06 1.53 -15.26	41.31 1.95 -20.06	38.89 1.71 -19.92	31.62 1.94 -9.29	31.71 1.77 -10.68	31.61 1.66 -11.08	31.76 1.46 -12.23	33.40 1.50 -14.24	35.36 1.36 -17.97	38.34 1.27 -22.50	45.95 1.32 -28.29	68.38 1.58 -48.05	61.71 2.18 -33.86	47.73 1.78 -25.22	37.39 1.47 -18.40	33.38 1.29 -15.06	30.20 0.78 -18.05	25.75 0.94 -10.71
WHITEPLN_13_KV_LOAD 356215	22.12 0.92 -9.42	19.80 0.78 -8.75	18.74 0.56 -10.76	18.66 0.53 -11.05	18.70 0.64 -9.11	20.66 0.88 -7.80	29.46 1.22 -11.96	36.63 1.60 -15.73	34.41 1.54 -15.62	29.64 1.96 -7.28	29.55 1.93 -8.38	29.48 1.92 -8.68	29.46 1.81 -9.59	30.57 1.75 -11.17	31.73 1.62 -14.09	33.66 1.44 -17.64	40.07 1.55 -22.18	58.07 1.65 -37.67	54.45 2.23 -26.55	42.30 1.80 -19.77	33.45 1.51 -14.42	30.33 1.50 -11.80	26.43 0.91 -14.15	23.59 1.10 -8.40
WM_FLOYD_69_KV_BK2 356380	31.36 1.21 -18.36	24.23 1.04 -12.92	20.48 0.76 -12.30	21.37 0.72 -13.57	23.38 0.89 -13.54	28.13 1.19 -14.95	31.30 1.71 -13.32	37.12 1.95 -15.87	36.55 1.76 -17.53	33.78 2.35 -11.04	33.60 2.21 -12.13	33.59 2.21 -12.51	32.94 2.06 -12.82	33.61 1.92 -14.03	33.63 1.75 -15.86	36.23 1.59 -20.06	42.86 1.72 -24.81	58.53 2.03 -37.76	90.99 2.75 -62.57	55.32 2.22 -32.37	45.82 1.87 -26.43	35.33 1.92 -16.38	33.64 1.21 -21.07	29.19 1.54 -13.56
WOODARD__115KV_TB2 355635	13.87 0.14 -1.95	12.21 0.13 -1.81	9.73 0.09 -2.23	9.46 0.09 -2.29	10.94 0.11 -1.88	13.76 0.16 -1.61	19.04 0.29 -2.47	22.87 0.31 -3.25	20.77 0.28 -3.23	22.25 0.35 -1.51	21.29 0.31 -1.73	20.97 0.30 -1.80	20.33 0.29 -1.98	20.25 0.28 -2.31	19.20 0.26 -2.92	18.49 0.26 -3.65	21.25 0.33 -4.59	26.73 0.19 -7.79	31.44 0.28 -5.49	25.05 0.23 -4.09	20.69 0.19 -2.98	19.66 0.19 -2.44	14.43 0.14 -2.93	16.00 0.17 -1.74
YORK___WARBASSE 23770	22.19 0.98 -9.44	19.84 0.81 -8.76	18.80 0.60 -10.78	18.70 0.55 -11.06	18.73 0.66 -9.12	20.63 0.83 -7.81	29.43 1.17 -11.98	36.52 1.47 -15.75	34.33 1.43 -15.64	29.52 1.84 -7.29	29.49 1.85 -8.39	29.46 1.89 -8.70	29.45 1.79 -9.60	30.60 1.77 -11.18	31.75 1.62 -14.11	33.67 1.43 -17.66	39.92 1.37 -22.21	58.16 1.69 -37.72	54.49 2.23 -26.59	42.29 1.76 -19.80	33.40 1.44 -14.44	30.30 1.45 -11.82	26.46 0.92 -14.17	23.69 1.18 -8.41