

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/25/2023

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	23.18	21.27	20.32	19.75	21.01	24.86	39.07	56.20	38.86	31.26	33.37	33.02	31.47	33.33	34.90	34.49	33.90	53.86	66.65	43.18	34.02	32.33	24.81	23.72
24138	0.90	1.05	1.09	0.87	0.92	1.02	1.65	2.69	1.96	1.90	2.07	2.25	2.18	2.18	2.15	2.09	2.18	2.01	2.43	2.62	2.20	1.99	2.17	2.00
	-11.94	-7.86	-5.72	-8.14	-8.32	-10.88	-19.09	-24.64	-16.28	-9.42	-11.80	-9.72	-8.54	-10.56	-12.47	-12.33	-10.95	-32.52	-40.90	-15.08	-10.02	-10.42	-0.21	-0.19
74TH STREET_GT_1	23.17	21.25	20.29	19.74	20.97	24.83	39.02	56.14	38.80	31.20	33.39	33.10	31.56	33.39	34.96	34.48	33.84	53.98	66.66	43.13	33.97	32.27	24.79	23.68
24260	0.89	1.03	1.07	0.86	0.88	1.00	1.59	2.63	1.90	1.84	2.01	2.19	2.14	2.10	2.09	2.03	2.12	1.95	2.36	2.57	2.16	1.93	2.15	1.96
	-11.94	-7.86	-5.72	-8.14	-8.32	-10.88	-19.09	-24.64	-16.28	-9.42	-11.88	-9.86	-8.67	-10.70	-12.59	-12.38	-10.95	-32.70	-40.97	-15.08	-10.02	-10.42	-0.21	-0.19
74TH STREET_GT_2	23.17	21.25	20.29	19.74	20.97	24.83	39.02	56.14	38.80	31.20	33.39	33.10	31.56	33.39	34.96	34.48	33.84	53.98	66.66	43.13	33.97	32.27	24.79	23.68
24261	0.89	1.03	1.07	0.86	0.88	1.00	1.59	2.63	1.90	1.84	2.01	2.19	2.14	2.10	2.09	2.03	2.12	1.95	2.36	2.57	2.16	1.93	2.15	1.96
	-11.94	-7.86	-5.72	-8.14	-8.32	-10.88	-19.09	-24.64	-16.28	-9.42	-11.88	-9.86	-8.67	-10.70	-12.59	-12.38	-10.95	-32.70	-40.97	-15.08	-10.02	-10.42	-0.21	-0.19
ADK HUDSON___FALLS	25.82	22.92	21.59	21.60	23.06	27.56	43.73	60.20	42.53	32.48	29.58	24.57	23.36	25.08	28.53	32.32	35.18	48.04	67.67	44.83	35.26	33.05	24.15	23.08
24011	0.66	0.80	0.99	0.75	0.97	1.10	1.70	2.74	1.94	1.80	1.74	1.75	1.70	1.67	1.66	1.75	1.66	1.60	1.96	2.09	1.81	1.45	1.48	1.31
	-14.82	-9.76	-7.09	-10.10	-10.33	-13.51	-23.70	-28.58	-19.97	-10.73	-8.34	-1.77	-0.91	-2.82	-6.59	-10.51	-12.74	-27.11	-42.38	-17.27	-11.66	-11.68	-0.24	-0.24
ADK RESOURCE___RCVRY	25.88	22.99	21.69	21.67	23.12	27.66	43.90	60.50	42.77	32.69	29.77	24.74	23.46	25.27	28.68	32.50	35.33	48.21	67.87	45.08	35.47	33.22	24.26	23.19
23798	0.71	0.86	1.08	0.82	1.02	1.19	1.87	3.03	2.17	1.99	1.91	1.92	1.80	1.85	1.80	1.91	1.81	1.76	2.12	2.32	2.00	1.61	1.59	1.42
	-14.83	-9.76	-7.10	-10.10	-10.33	-13.51	-23.71	-28.60	-19.98	-10.74	-8.35	-1.78	-0.91	-2.82	-6.60	-10.52	-12.75	-27.12	-42.41	-17.28	-11.67	-11.69	-0.24	-0.24
ADK S GLENS___FALLS	25.82	22.92	21.59	21.60	23.06	27.56	43.73	60.20	42.53	32.48	29.58	24.57	23.36	25.08	28.53	32.32	35.18	48.04	67.67	44.83	35.26	33.05	24.15	23.08
24028	0.66	0.80	0.99	0.75	0.97	1.10	1.70	2.74	1.94	1.80	1.74	1.75	1.70	1.67	1.66	1.75	1.66	1.60	1.96	2.09	1.81	1.45	1.48	1.31
	-14.82	-9.76	-7.09	-10.10	-10.33	-13.51	-23.70	-28.58	-19.97	-10.73	-8.34	-1.77	-0.91	-2.82	-6.59	-10.51	-12.74	-27.11	-42.38	-17.27	-11.66	-11.68	-0.24	-0.24
ADK_NYS___DAM	25.21	22.48	21.10	21.09	22.43	26.81	42.25	56.35	40.85	30.57	27.83	23.70	22.80	24.30	27.25	30.35	33.65	45.82	62.75	42.47	33.71	31.28	23.94	22.94
23527	0.58	0.70	0.74	0.60	0.69	0.83	1.06	1.62	1.15	1.08	1.15	1.26	1.25	1.26	1.24	1.20	1.29	1.20	1.45	1.55	1.33	1.15	1.28	1.18
	-14.30	-9.41	-6.84	-9.74	-9.96	-13.03	-22.86	-25.87	-19.07	-9.54	-7.18	-1.39	-0.80	-2.46	-5.74	-9.07	-11.59	-25.29	-37.98	-15.44	-10.58	-10.21	-0.23	-0.23
AIR_PRODUCTS___DRP	25.00	22.13	20.70	20.79	22.07	26.37	41.82	57.48	40.62	30.93	28.21	23.33	22.20	23.85	27.26	30.92	33.79	46.40	65.56	43.12	33.83	31.86	23.18	22.21
24190	0.20	0.25	0.27	0.19	0.22	0.23	0.37	0.61	0.49	0.46	0.51	0.53	0.56	0.49	0.51	0.52	0.54	0.56	0.68	0.71	0.61	0.48	0.52	0.45
	-14.46	-9.52	-6.92	-9.86	-10.08	-13.18	-23.13	-28.00	-19.50	-10.52	-8.20	-1.75	-0.89	-2.77	-6.47	-10.32	-12.48	-26.51	-41.55	-16.93	-11.42	-11.46	-0.23	-0.23
AKWESSNE_115KV_BK	4.88	2.54	1.29	1.54	2.05	1.05	3.09	7.95	4.11	3.84	3.67	10.94	20.03	19.85	19.57	19.37	13.61	10.95	22.61	24.64	10.06	8.81	10.42	9.97
355683	-0.32	-0.38	-0.42	-0.33	-0.36	-0.40	-0.66	-1.01	-0.76	-0.72	-0.68	-0.76	-0.73	-0.74	-0.71	-0.70	-0.75	-0.68	-0.72	-0.84	-0.76	-0.68	-0.74	-0.73
	5.14	9.44	11.80	8.87	9.36	11.50	14.58	19.91	15.75	15.39	15.15	9.35	0.00	0.00	0.00	0.00	6.42	7.70	0.00	0.00	10.97	10.43	11.27	10.83
ALBANY___1	25.00	22.13	20.70	20.79	22.07	26.37	41.82	57.48	40.62	30.93	28.21	23.33	22.20	23.85	27.26	30.92	33.79	46.40	65.56	43.12	33.83	31.86	23.18	22.21
23571	0.20	0.25	0.27	0.19	0.22	0.23	0.37	0.61	0.49	0.46	0.51	0.53	0.56	0.49	0.51	0.52	0.54	0.56	0.68	0.71	0.61	0.48	0.52	0.45
	-14.46	-9.52	-6.92	-9.86	-10.08	-13.18	-23.13	-28.00	-19.50	-10.52	-8.20	-1.75	-0.89	-2.77	-6.47	-10.32	-12.48	-26.51	-41.55	-16.93	-11.42	-11.46	-0.23	-0.23
ALBANY___2	25.00	22.13	20.70	20.79	22.07	26.37	41.82	57.48	40.62	30.93	28.21	23.33	22.20	23.85	27.26	30.92	33.79	46.40	65.56	43.12	33.83	31.86	23.18	22.21
23572	0.20	0.25	0.27	0.19	0.22	0.23	0.37	0.61	0.49	0.46	0.51	0.53	0.56	0.49	0.51	0.52	0.54	0.56	0.68	0.71	0.61	0.48	0.52	0.45
	-14.46	-9.52	-6.92	-9.86	-10.08	-13.18	-23.13	-28.00	-19.50	-10.52	-8.20	-1.75	-0.89	-2.77	-6.47	-10.32	-12.48	-26.51	-41.55	-16.93	-11.42	-11.46	-0.23	-0.23
ALBANY___3	25.00	22.13	20.70	20.79	22.07	26.37	41.82	57.48	40.62	30.93	28.21	23.33	22.20	23.85	27.26	30.92	33.79	46.40	65.56	43.12	33.83	31.86	23.18	22.21
23573	0.20	0.25	0.27	0.19	0.22	0.23	0.37	0.61	0.49	0.46	0.51	0.53	0.56	0.49	0.51	0.52	0.54	0.56	0.68	0.71	0.61	0.48	0.52	0.45
	-14.46	-9.52	-6.92	-9.86	-10.08	-13.18	-23.13	-28.00	-19.50	-10.52	-8.20	-1.75	-0.89	-2.77	-6.47	-10.32	-12.48	-26.51	-41.55	-16.93	-11.42	-11.46	-0.23	-0.23

ALBANY___4 23574	25.00 0.20 -14.46	22.13 0.25 -9.52	20.70 0.27 -6.92	20.79 0.19 -9.86	22.07 0.22 -10.08	26.37 0.23 -13.18	41.82 0.37 -23.13	57.48 0.61 -28.00	40.62 0.49 -19.50	30.93 0.46 -10.52	28.21 0.51 -8.20	23.33 0.53 -1.75	22.20 0.56 -0.89	23.85 0.49 -2.77	27.26 0.51 -6.47	30.92 0.52 -10.32	33.79 0.54 -12.48	46.40 0.56 -26.51	65.56 0.68 -41.55	43.12 0.71 -16.93	33.83 0.61 -11.42	31.86 0.48 -11.46	23.18 0.52 -0.23	22.21 0.45 -0.23
ALBANY___LFGE 323615	25.20 0.31 -14.55	22.31 0.37 -9.58	20.90 0.42 -6.97	20.98 0.31 -9.92	22.25 0.34 -10.14	26.59 0.38 -13.27	42.19 0.59 -23.27	57.86 0.95 -28.04	40.95 0.72 -19.61	31.15 0.68 -10.52	28.40 0.72 -8.18	23.54 0.76 -1.74	22.41 0.77 -0.89	24.09 0.74 -2.77	27.47 0.73 -6.46	31.11 0.74 -10.30	34.04 0.77 -12.50	46.71 0.77 -26.60	65.83 0.93 -41.57	43.41 0.99 -16.93	34.08 0.85 -11.44	32.07 0.70 -11.45	23.40 0.74 -0.24	22.43 0.67 -0.24
ALCOA_PA_115KV_PL-6C 55860	5.06 -0.29 4.98	2.87 -0.33 9.15	1.69 -0.38 11.44	1.84 -0.30 8.60	2.37 -0.33 9.07	1.43 -0.38 11.15	3.67 -0.62 14.03	9.08 -1.01 18.78	4.98 -0.76 14.88	4.69 -0.72 14.54	4.23 -0.70 14.57	11.20 -0.78 9.06	20.00 -0.75 0.00	19.83 -0.76 0.00	19.53 -0.75 0.00	19.33 -0.74 0.00	13.76 -0.79 6.22	11.16 -0.70 7.47	22.61 -0.72 0.00	24.64 -0.84 0.00	10.37 -0.78 10.64	9.11 -0.70 10.12	10.80 -0.70 10.93	10.33 -0.69 10.50
ALCOA_RYNLDS___DRP 24188	5.06 -0.29 4.98	2.87 -0.33 9.15	1.69 -0.38 11.44	1.84 -0.30 8.60	2.37 -0.33 9.07	1.43 -0.38 11.15	3.67 -0.62 14.03	9.08 -1.01 18.78	4.98 -0.76 14.88	4.69 -0.72 14.54	4.23 -0.70 14.57	11.20 -0.78 9.06	20.00 -0.75 0.00	19.83 -0.76 0.00	19.53 -0.75 0.00	19.33 -0.74 0.00	13.76 -0.79 6.22	11.16 -0.70 7.47	22.61 -0.72 0.00	24.64 -0.84 0.00	10.37 -0.78 10.64	9.11 -0.70 10.12	10.80 -0.70 10.93	10.33 -0.69 10.50
ALCOA___DSASP 323711	5.07 -0.28 4.98	2.87 -0.33 9.15	1.69 -0.38 11.44	1.84 -0.30 8.60	2.37 -0.33 9.07	1.43 -0.38 11.15	3.65 -0.64 14.03	9.08 -1.01 18.78	4.98 -0.76 14.88	4.71 -0.70 14.54	4.23 -0.70 14.57	11.20 -0.78 9.06	20.02 -0.73 0.00	19.81 -0.78 0.00	19.53 -0.75 0.00	19.33 -0.74 0.00	13.76 -0.79 6.22	11.16 -0.70 7.47	22.61 -0.72 0.00	24.64 -0.84 0.00	10.37 -0.78 10.64	9.11 -0.70 10.12	10.80 -0.70 10.93	10.33 -0.69 10.50
ALLEGHENY___COGEN 23514	14.41 0.53 -3.54	15.33 0.64 -2.33	15.88 0.68 -1.70	13.73 0.57 -2.41	14.89 0.65 -2.47	16.92 0.74 -3.23	25.11 1.12 -5.66	37.70 1.79 -7.04	26.74 1.32 -4.80	23.59 0.98 -2.67	22.58 0.97 -2.10	22.50 0.99 -0.46	21.81 0.83 -0.23	22.26 0.97 -0.71	22.89 0.95 -1.65	23.76 1.04 -2.65	25.18 1.27 -3.13	27.16 1.24 -6.59	35.27 1.45 -10.50	31.64 1.89 -4.28	26.28 1.61 -2.87	24.17 1.33 -2.92	23.72 1.23 -0.06	22.85 1.27 -0.06
ALTAMONT_115KV_TB 2 55880	25.20 0.39 -14.47	22.36 0.47 -9.53	20.95 0.51 -6.93	21.01 0.41 -9.86	22.30 0.45 -10.08	26.62 0.48 -13.19	42.16 0.70 -23.14	58.28 1.13 -28.28	40.99 0.82 -19.54	31.39 0.78 -10.66	28.68 0.84 -8.34	23.73 0.88 -1.80	22.55 0.89 -0.90	24.27 0.86 -2.81	27.73 0.87 -6.58	31.43 0.86 -10.50	34.28 0.91 -12.60	46.83 0.85 -26.65	66.38 1.03 -42.03	43.73 1.12 -17.13	34.29 0.96 -11.53	32.37 0.82 -11.64	23.56 0.90 -0.23	22.58 0.82 -0.23
ALTONA_WT_PWR 323606	4.81 -0.44 5.08	2.42 -0.61 9.34	1.03 -0.81 11.67	1.34 -0.63 8.77	1.81 -0.71 9.26	0.72 -0.86 11.37	-0.20 -1.39 17.13	-6.93 -1.99 33.81	-6.97 -1.49 26.11	-6.99 -1.54 25.41	-0.23 -1.40 18.33	10.41 -1.39 9.25	19.17 -1.58 0.00	19.11 -1.48 0.00	18.90 -1.38 0.00	18.74 -1.33 0.00	13.05 -1.37 6.35	10.53 -1.18 7.62	22.42 -0.91 0.00	24.28 -1.20 0.00	9.87 -0.96 10.97	8.58 -0.92 10.42	10.04 -1.12 11.26	9.56 -1.14 10.82
AMERICAN_REF_FUEL 24010	13.55 -0.07 -3.29	14.47 -0.05 -2.16	14.96 -0.12 -1.57	12.92 -0.06 -2.24	13.95 -0.11 -2.29	15.80 -0.14 -2.99	23.07 -0.51 -5.25	34.19 -1.21 -6.53	24.39 -0.68 -4.45	21.83 -0.60 -2.47	20.99 -0.47 -1.95	21.03 -0.44 -0.43	20.50 -0.46 -0.21	20.83 -0.41 -0.66	21.41 -0.41 -1.53	22.10 -0.42 -2.45	23.27 -0.42 -2.91	24.90 -0.54 -6.11	32.04 -1.03 -9.74	28.71 -0.74 -3.97	23.98 -0.48 -2.66	22.15 -0.48 -2.71	21.88 -0.60 -0.05	21.26 -0.32 -0.05
ARKWRIGHT___SUMMIT_WT_PWR 323751	13.70 -0.17 -3.53	14.53 -0.15 -2.32	15.02 -0.18 -1.69	13.03 -0.12 -2.40	14.11 -0.12 -2.46	16.05 -0.12 -3.21	23.65 -0.31 -5.64	35.33 -0.55 -7.01	25.17 -0.23 -4.78	22.43 -0.18 -2.65	21.60 0.00 -2.09	21.55 0.04 -0.46	21.00 0.02 -0.22	21.42 0.12 -0.70	22.01 0.08 -1.65	22.82 0.12 -2.63	24.06 0.17 -3.12	25.95 0.06 -6.56	33.55 -0.23 -10.45	29.71 -0.03 -4.26	24.74 0.09 -2.86	22.79 -0.04 -2.91	22.51 0.02 -0.06	21.82 0.24 -0.06
ARTHUR_KILL_GT_1 23520	23.31 1.02 -11.95	21.47 1.24 -7.87	20.52 1.28 -5.72	19.93 1.04 -8.14	21.16 1.07 -8.32	24.92 1.09 -10.88	38.70 1.28 -19.09	55.61 2.11 -24.63	38.46 1.57 -16.27	30.86 1.50 -9.42	33.11 1.74 -11.87	32.77 1.87 -9.85	31.24 1.80 -8.68	33.11 1.83 -10.69	34.71 1.85 -12.58	34.21 1.77 -12.37	33.52 1.81 -10.94	53.70 1.68 -32.69	66.37 2.08 -40.96	42.76 2.22 -15.07	33.66 1.85 -10.01	32.29 1.95 -10.42	24.95 2.31 -0.21	23.94 2.22 -0.20
ARTHUR_KILL_2 23512	23.29 1.00 -11.95	21.44 1.21 -7.87	20.49 1.26 -5.72	19.90 1.02 -8.14	21.14 1.05 -8.32	24.90 1.06 -10.88	38.66 1.25 -19.09	55.56 2.05 -24.63	38.42 1.53 -16.27	30.82 1.46 -9.42	33.05 1.68 -11.87	32.73 1.83 -9.85	31.20 1.76 -8.68	33.05 1.77 -10.69	34.65 1.78 -12.58	34.17 1.73 -12.37	33.46 1.75 -10.94	53.64 1.62 -32.69	66.30 2.01 -40.96	42.69 2.14 -15.07	33.60 1.79 -10.01	32.23 1.89 -10.42	24.90 2.26 -0.21	23.90 2.17 -0.20
ARTHUR_KILL_3 23513	23.06 0.79 -11.94	21.15 0.93 -7.86	20.17 0.95 -5.72	19.65 0.76 -8.14	20.88 0.79 -8.32	24.72 0.88 -10.88	38.87 1.45 -19.09	55.82 2.31 -24.64	38.57 1.67 -16.28	31.02 1.66 -9.42	33.19 1.81 -11.88	32.89 1.98 -9.86	31.36 1.93 -8.67	33.20 1.91 -10.70	34.76 1.89 -12.59	34.27 1.83 -12.38	33.63 1.91 -10.95	53.77 1.74 -32.70	66.40 2.10 -40.97	42.85 2.29 -15.08	33.78 1.96 -10.02	32.13 1.79 -10.42	24.59 1.95 -0.21	23.48 1.77 -0.19
ARTHUR_KILL_COGEN 323718	23.31 1.02 -11.95	21.47 1.24 -7.87	20.52 1.28 -5.72	19.93 1.04 -8.14	21.16 1.07 -8.32	24.92 1.09 -10.88	38.70 1.28 -19.09	55.61 2.11 -24.63	38.46 1.57 -16.27	30.86 1.50 -9.42	33.11 1.74 -11.87	32.77 1.87 -9.85	31.24 1.80 -8.68	33.11 1.83 -10.69	34.71 1.85 -12.58	34.21 1.77 -12.37	33.52 1.81 -10.94	53.70 1.68 -32.69	66.37 2.08 -40.96	42.76 2.22 -15.07	33.66 1.85 -10.01	32.29 1.95 -10.42	24.95 2.31 -0.21	23.94 2.22 -0.20
ASHOKAN____ 23654	23.51 0.14 -13.03	21.07 0.14 -8.58	19.92 0.18 -6.24	19.74 0.12 -8.88	20.96 0.11 -9.08	24.96 0.13 -11.88	39.53 0.37 -20.84	55.35 0.58 -25.90	38.68 0.41 -17.65	29.82 0.06 -9.80	27.55 0.31 -7.73	23.99 1.24 -1.71	22.41 0.83 -0.83	23.74 0.56 -2.60	26.68 0.32 -6.08	30.76 0.96 -9.72	32.71 0.42 -11.52	43.97 0.42 -24.22	62.66 0.75 -38.58	42.00 0.79 -15.73	32.89 0.55 -10.55	31.04 0.38 -10.75	23.69 1.05 -0.21	22.75 1.01 -0.21

ASTORIA_EAST_ENERGY_CC1 323581	23.14 0.86 -11.95	21.24 1.01 -7.87	20.27 1.04 -5.72	19.72 0.84 -8.14	20.93 0.84 -8.32	24.73 0.89 -10.88	38.74 1.32 -19.09	55.67 2.17 -24.63	38.52 1.63 -16.27	30.92 1.56 -9.41	33.24 1.85 -11.88	32.94 2.02 -9.87	31.36 1.93 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.32 1.87 -12.39	33.62 1.91 -10.94	53.77 1.74 -32.70	66.45 2.15 -40.98	42.82 2.27 -15.07	33.66 1.85 -10.01	32.06 1.73 -10.41	24.54 1.91 -0.20	23.62 1.89 -0.20
ASTORIA_EAST_ENERGY_CC2 323582	23.14 0.86 -11.95	21.24 1.01 -7.87	20.27 1.04 -5.72	19.72 0.84 -8.14	20.93 0.84 -8.32	24.73 0.89 -10.88	38.74 1.32 -19.09	55.67 2.17 -24.63	38.52 1.63 -16.27	30.92 1.56 -9.41	33.24 1.85 -11.88	32.94 2.02 -9.87	31.36 1.93 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.32 1.87 -12.39	33.62 1.91 -10.94	53.77 1.74 -32.70	66.45 2.15 -40.98	42.82 2.27 -15.07	33.66 1.85 -10.01	32.06 1.73 -10.41	24.54 1.91 -0.20	23.62 1.89 -0.20
ASTORIA_GT2_1 24094	23.14 0.86 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.94 1.58 -9.42	33.26 1.87 -11.88	32.94 2.02 -9.87	31.40 1.97 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.34 1.89 -12.39	33.63 1.91 -10.95	53.77 1.74 -32.70	66.45 2.15 -40.98	42.83 2.27 -15.08	33.71 1.90 -10.02	32.07 1.73 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
ASTORIA_GT2_2 24095	23.14 0.86 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.94 1.58 -9.42	33.26 1.87 -11.88	32.94 2.02 -9.87	31.40 1.97 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.34 1.89 -12.39	33.63 1.91 -10.95	53.77 1.74 -32.70	66.45 2.15 -40.98	42.83 2.27 -15.08	33.71 1.90 -10.02	32.07 1.73 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
ASTORIA_GT2_3 24096	23.14 0.86 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.94 1.58 -9.42	33.26 1.87 -11.88	32.94 2.02 -9.87	31.40 1.97 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.34 1.89 -12.39	33.63 1.91 -10.95	53.77 1.74 -32.70	66.45 2.15 -40.98	42.83 2.27 -15.08	33.71 1.90 -10.02	32.07 1.73 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
ASTORIA_GT2_4 24097	23.14 0.86 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.94 1.58 -9.42	33.26 1.87 -11.88	32.94 2.02 -9.87	31.40 1.97 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.34 1.89 -12.39	33.63 1.91 -10.95	53.77 1.74 -32.70	66.45 2.15 -40.98	42.83 2.27 -15.08	33.71 1.90 -10.02	32.07 1.73 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
ASTORIA_GT3_1 24098	23.14 0.86 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.94 1.58 -9.42	33.26 1.87 -11.88	32.94 2.02 -9.87	31.40 1.97 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.34 1.89 -12.39	33.63 1.91 -10.95	53.77 1.74 -32.70	66.45 2.15 -40.98	42.83 2.27 -15.08	33.71 1.90 -10.02	32.07 1.73 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
ASTORIA_GT3_2 24099	23.14 0.86 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.94 1.58 -9.42	33.26 1.87 -11.88	32.94 2.02 -9.87	31.40 1.97 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.34 1.89 -12.39	33.63 1.91 -10.95	53.77 1.74 -32.70	66.45 2.15 -40.98	42.83 2.27 -15.08	33.71 1.90 -10.02	32.07 1.73 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
ASTORIA_GT3_3 24100	23.14 0.86 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.94 1.58 -9.42	33.26 1.87 -11.88	32.94 2.02 -9.87	31.40 1.97 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.34 1.89 -12.39	33.63 1.91 -10.95	53.77 1.74 -32.70	66.45 2.15 -40.98	42.83 2.27 -15.08	33.71 1.90 -10.02	32.07 1.73 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
ASTORIA_GT3_4 24101	23.14 0.86 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.94 1.58 -9.42	33.26 1.87 -11.88	32.94 2.02 -9.87	31.40 1.97 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.34 1.89 -12.39	33.63 1.91 -10.95	53.77 1.74 -32.70	66.45 2.15 -40.98	42.83 2.27 -15.08	33.71 1.90 -10.02	32.07 1.73 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
ASTORIA_GT4_1 24102	23.14 0.86 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.94 1.58 -9.42	33.26 1.87 -11.88	32.94 2.02 -9.87	31.40 1.97 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.34 1.89 -12.39	33.63 1.91 -10.95	53.77 1.74 -32.70	66.45 2.15 -40.98	42.83 2.27 -15.08	33.71 1.90 -10.02	32.07 1.73 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
ASTORIA_GT4_2 24103	23.14 0.86 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.94 1.58 -9.42	33.26 1.87 -11.88	32.94 2.02 -9.87	31.40 1.97 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.34 1.89 -12.39	33.63 1.91 -10.95	53.77 1.74 -32.70	66.45 2.15 -40.98	42.83 2.27 -15.08	33.71 1.90 -10.02	32.07 1.73 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
ASTORIA_GT4_3 24104	23.14 0.86 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.94 1.58 -9.42	33.26 1.87 -11.88	32.94 2.02 -9.87	31.40 1.97 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.34 1.89 -12.39	33.63 1.91 -10.95	53.77 1.74 -32.70	66.45 2.15 -40.98	42.83 2.27 -15.08	33.71 1.90 -10.02	32.07 1.73 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
ASTORIA_GT4_4 24105	23.14 0.86 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.94 1.58 -9.42	33.26 1.87 -11.88	32.94 2.02 -9.87	31.40 1.97 -8.68	33.25 1.96 -10.71	34.82 1.95 -12.60	34.34 1.89 -12.39	33.63 1.91 -10.95	53.77 1.74 -32.70	66.45 2.15 -40.98	42.83 2.27 -15.08	33.71 1.90 -10.02	32.07 1.73 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
ASTORIA_GT_1 23523	23.16 0.88 -11.95	21.26 1.03 -7.87	20.29 1.07 -5.72	19.74 0.86 -8.14	20.95 0.86 -8.32	24.75 0.92 -10.88	38.78 1.36 -19.09	55.73 2.22 -24.63	38.56 1.67 -16.27	30.96 1.60 -9.41	33.30 1.91 -11.88	32.98 2.06 -9.87	31.42 1.99 -8.68	33.29 2.00 -10.71	34.87 1.99 -12.60	34.38 1.93 -12.39	33.66 1.95 -10.94	53.83 1.80 -32.70	66.50 2.19 -40.98	42.87 2.32 -15.07	33.73 1.92 -10.01	32.11 1.77 -10.41	24.58 1.95 -0.20	23.69 1.96 -0.20

ASTORIA_GT_10 24110	23.14 0.86 -11.94	21.24 1.01 -7.86	20.25 1.03 -5.72	19.72 0.84 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.81 1.39 -19.09	55.79 2.28 -24.64	38.59 1.69 -16.28	30.98 1.62 -9.42	33.33 1.83 -11.99	33.10 1.98 -10.08	31.59 1.95 -8.88	33.42 1.91 -10.92	34.98 1.93 -12.77	34.39 1.87 -12.46	33.61 1.89 -10.95	54.03 1.74 -32.96	66.53 2.12 -41.08	42.85 2.29 -15.08	33.78 1.96 -10.02	32.13 1.79 -10.42	24.63 2.00 -0.21	23.61 1.89 -0.19
ASTORIA_GT_11 24225	23.14 0.86 -11.94	21.24 1.01 -7.86	20.25 1.03 -5.72	19.72 0.84 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.81 1.39 -19.09	55.79 2.28 -24.64	38.59 1.69 -16.28	30.98 1.62 -9.42	33.33 1.83 -11.99	33.10 1.98 -10.08	31.59 1.95 -8.88	33.42 1.91 -10.92	34.98 1.93 -12.77	34.39 1.87 -12.46	33.61 1.89 -10.95	54.03 1.74 -32.96	66.53 2.12 -41.08	42.85 2.29 -15.08	33.78 1.96 -10.02	32.13 1.79 -10.42	24.63 2.00 -0.21	23.61 1.89 -0.19
ASTORIA_GT_12 24226	23.14 0.86 -11.94	21.24 1.01 -7.86	20.25 1.03 -5.72	19.72 0.84 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.81 1.39 -19.09	55.79 2.28 -24.64	38.59 1.69 -16.28	30.98 1.62 -9.42	33.33 1.83 -11.99	33.10 1.98 -10.08	31.59 1.95 -8.88	33.42 1.91 -10.92	34.98 1.93 -12.77	34.39 1.87 -12.46	33.61 1.89 -10.95	54.03 1.74 -32.96	66.53 2.12 -41.08	42.85 2.29 -15.08	33.78 1.96 -10.02	32.13 1.79 -10.42	24.63 2.00 -0.21	23.61 1.89 -0.19
ASTORIA_GT_13 24227	23.14 0.86 -11.94	21.24 1.01 -7.86	20.25 1.03 -5.72	19.72 0.84 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.81 1.39 -19.09	55.79 2.28 -24.64	38.59 1.69 -16.28	30.98 1.62 -9.42	33.33 1.83 -11.99	33.10 1.98 -10.08	31.59 1.95 -8.88	33.42 1.91 -10.92	34.98 1.93 -12.77	34.39 1.87 -12.46	33.61 1.89 -10.95	54.03 1.74 -32.96	66.53 2.12 -41.08	42.85 2.29 -15.08	33.78 1.96 -10.02	32.13 1.79 -10.42	24.63 2.00 -0.21	23.61 1.89 -0.19
ASTORIA_GT_5 24106	23.16 0.88 -11.95	21.26 1.03 -7.87	20.29 1.07 -5.72	19.74 0.86 -8.14	20.95 0.86 -8.32	24.75 0.92 -10.88	38.78 1.36 -19.09	55.73 2.22 -24.63	38.56 1.67 -16.27	30.96 1.60 -9.41	33.30 1.91 -11.88	32.98 2.06 -9.87	31.42 1.99 -8.68	33.29 2.00 -10.71	34.87 1.99 -12.60	34.38 1.93 -12.39	33.66 1.95 -10.94	53.83 1.80 -32.70	66.50 2.19 -40.98	42.87 2.32 -15.07	33.73 1.92 -10.01	32.11 1.77 -10.41	24.58 1.95 -0.20	23.69 1.96 -0.20
ASTORIA_GT_7 24107	23.16 0.88 -11.95	21.26 1.03 -7.87	20.29 1.07 -5.72	19.74 0.86 -8.14	20.95 0.86 -8.32	24.75 0.92 -10.88	38.78 1.36 -19.09	55.73 2.22 -24.63	38.56 1.67 -16.27	30.96 1.60 -9.41	33.30 1.91 -11.88	32.98 2.06 -9.87	31.42 1.99 -8.68	33.29 2.00 -10.71	34.87 1.99 -12.60	34.38 1.93 -12.39	33.66 1.95 -10.94	53.83 1.80 -32.70	66.50 2.19 -40.98	42.87 2.32 -15.07	33.73 1.92 -10.01	32.11 1.77 -10.41	24.58 1.95 -0.20	23.69 1.96 -0.20
ASTORIA_GT_8 24108	23.16 0.88 -11.94	21.25 1.03 -7.86	20.29 1.07 -5.72	19.74 0.86 -8.14	20.94 0.85 -8.32	24.75 0.92 -10.88	38.78 1.36 -19.09	55.74 2.22 -24.64	38.57 1.67 -16.28	30.98 1.62 -9.42	33.30 1.91 -11.88	32.98 2.06 -9.87	31.45 2.01 -8.68	33.27 1.98 -10.71	34.86 1.99 -12.60	34.38 1.93 -12.39	33.67 1.95 -10.95	53.81 1.78 -32.70	66.50 2.19 -40.98	42.88 2.32 -15.08	33.76 1.94 -10.02	32.09 1.75 -10.42	24.59 1.95 -0.21	23.66 1.94 -0.19
ASTORIA___2 24149	23.14 0.86 -11.95	21.24 1.01 -7.87	20.27 1.04 -5.72	19.73 0.85 -8.14	20.94 0.85 -8.32	24.74 0.91 -10.88	38.76 1.34 -19.09	55.67 2.17 -24.63	38.52 1.63 -16.27	30.92 1.56 -9.41	33.26 1.87 -11.88	32.94 2.02 -9.87	31.38 1.95 -8.68	33.27 1.98 -10.71	34.84 1.97 -12.60	34.34 1.89 -12.39	33.64 1.93 -10.94	53.79 1.76 -32.70	66.45 2.15 -40.98	42.82 2.27 -15.07	33.68 1.87 -10.01	32.09 1.75 -10.41	24.56 1.93 -0.20	23.64 1.92 -0.20
ASTORIA___3 23516	23.14 0.86 -11.95	21.24 1.01 -7.87	20.25 1.03 -5.72	19.72 0.84 -8.14	20.94 0.85 -8.32	24.77 0.93 -10.88	38.83 1.41 -19.09	55.79 2.28 -24.64	38.59 1.69 -16.28	30.98 1.62 -9.42	33.33 1.83 -11.99	33.13 2.00 -10.08	31.57 1.93 -8.88	33.44 1.93 -10.92	34.98 1.93 -12.77	34.39 1.87 -12.46	33.61 1.89 -10.95	54.03 1.74 -32.96	66.53 2.12 -41.08	42.85 2.29 -15.08	33.73 1.92 -10.02	32.15 1.81 -10.42	24.66 2.02 -0.21	23.64 1.92 -0.20
ASTORIA___4 23517	23.14 0.86 -11.94	21.24 1.01 -7.86	20.25 1.03 -5.72	19.72 0.84 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.81 1.39 -19.09	55.79 2.28 -24.64	38.59 1.69 -16.28	30.98 1.62 -9.42	33.33 1.83 -11.99	33.10 1.98 -10.08	31.59 1.95 -8.88	33.42 1.91 -10.92	34.98 1.93 -12.77	34.39 1.87 -12.46	33.61 1.89 -10.95	54.03 1.74 -32.96	66.53 2.12 -41.08	42.85 2.29 -15.08	33.78 1.96 -10.02	32.13 1.79 -10.42	24.63 2.00 -0.21	23.61 1.89 -0.19
ASTORIA___5 23518	23.14 0.86 -11.95	21.24 1.01 -7.87	20.25 1.03 -5.72	19.72 0.84 -8.14	20.94 0.85 -8.32	24.77 0.93 -10.88	38.83 1.41 -19.09	55.79 2.28 -24.64	38.59 1.69 -16.28	30.98 1.62 -9.42	33.33 1.83 -11.99	33.13 2.00 -10.08	31.57 1.93 -8.88	33.44 1.93 -10.92	34.98 1.93 -12.77	34.39 1.87 -12.46	33.61 1.89 -10.95	54.03 1.74 -32.96	66.53 2.12 -41.08	42.85 2.29 -15.08	33.73 1.92 -10.02	32.15 1.81 -10.42	24.66 2.02 -0.21	23.64 1.92 -0.20
AST_ENERGY_2_CC3 323677	23.11 0.84 -11.94	21.20 0.98 -7.86	20.24 1.01 -5.72	19.70 0.82 -8.14	20.94 0.85 -8.32	24.78 0.94 -10.88	38.94 1.52 -19.09	56.00 2.48 -24.64	38.69 1.79 -16.28	31.10 1.73 -9.42	33.29 1.91 -11.88	32.99 2.08 -9.86	31.44 2.01 -8.67	33.31 2.02 -10.70	34.86 1.99 -12.59	34.38 1.93 -12.38	33.71 1.99 -10.95	53.88 1.86 -32.70	66.54 2.24 -40.97	42.98 2.42 -15.08	33.86 2.05 -10.02	32.21 1.87 -10.42	24.68 2.04 -0.21	23.59 1.87 -0.19
AST_ENERGY_2_CC4 323678	23.11 0.84 -11.94	21.20 0.98 -7.86	20.24 1.01 -5.72	19.70 0.82 -8.14	20.94 0.85 -8.32	24.78 0.94 -10.88	38.94 1.52 -19.09	56.00 2.48 -24.64	38.69 1.79 -16.28	31.10 1.73 -9.42	33.29 1.91 -11.88	32.99 2.08 -9.86	31.44 2.01 -8.67	33.31 2.02 -10.70	34.86 1.99 -12.59	34.38 1.93 -12.38	33.71 1.99 -10.95	53.88 1.86 -32.70	66.54 2.24 -40.97	42.98 2.42 -15.08	33.86 2.05 -10.02	32.21 1.87 -10.42	24.68 2.04 -0.21	23.59 1.87 -0.19
ATHENS_STG_1 23668	23.92 0.45 -13.13	21.54 0.53 -8.64	20.36 0.57 -6.29	20.16 0.46 -8.95	21.41 0.49 -9.15	25.46 0.54 -11.97	40.13 0.81 -21.00	56.53 1.27 -26.39	39.35 0.91 -17.82	30.84 0.88 -10.02	28.43 0.99 -7.94	23.89 1.07 -1.77	22.64 1.04 -0.85	24.30 1.05 -2.66	27.54 1.03 -6.23	31.05 1.00 -9.98	33.56 1.06 -11.73	44.85 0.97 -24.55	63.84 1.14 -39.37	42.78 1.25 -16.06	33.63 1.09 -10.74	31.90 0.98 -11.00	23.72 1.08 -0.21	22.71 0.97 -0.21
ATHENS_STG_2 23670	23.92 0.45 -13.13	21.54 0.53 -8.64	20.36 0.57 -6.29	20.16 0.46 -8.95	21.41 0.49 -9.15	25.46 0.54 -11.97	40.13 0.81 -21.00	56.53 1.27 -26.39	39.35 0.91 -17.82	30.84 0.88 -10.02	28.43 0.99 -7.94	23.89 1.07 -1.77	22.64 1.04 -0.85	24.30 1.05 -2.66	27.54 1.03 -6.23	31.05 1.00 -9.98	33.56 1.06 -11.73	44.85 0.97 -24.55	63.84 1.14 -39.37	42.78 1.25 -16.06	33.63 1.09 -10.74	31.90 0.98 -11.00	23.72 1.08 -0.21	22.71 0.97 -0.21

ATHENS_STG_3 23677	23.92 0.45 -13.13	21.54 0.53 -8.64	20.36 0.57 -6.29	20.16 0.46 -8.95	21.41 0.49 -9.15	25.46 0.54 -11.97	40.13 0.81 -21.00	56.53 1.27 -26.39	39.35 0.91 -17.82	30.84 0.88 -10.02	28.43 0.99 -7.94	23.89 1.07 -1.77	22.64 1.04 -0.85	24.30 1.05 -2.66	27.54 1.03 -6.23	31.05 1.00 -9.98	33.56 1.06 -11.73	44.85 0.97 -24.55	63.84 1.14 -39.37	42.78 1.25 -16.06	33.63 1.09 -10.74	31.90 0.98 -11.00	23.72 1.08 -0.21	22.71 0.97 -0.21
AUBURN____LFGE 323710	13.70 0.29 -3.07	14.74 0.36 -2.02	15.37 0.39 -1.47	13.16 0.32 -2.09	14.28 0.36 -2.14	16.15 0.40 -2.80	23.86 0.62 -4.91	36.39 1.41 -6.11	25.78 0.99 -4.16	23.22 0.96 -2.31	22.26 0.94 -1.82	22.42 0.97 -0.41	21.86 0.91 -0.20	22.03 0.82 -0.62	22.63 0.89 -1.46	23.20 0.80 -2.33	24.41 0.87 -2.76	25.97 0.83 -5.81	33.49 0.91 -9.25	30.30 1.04 -3.77	25.20 0.92 -2.49	23.25 0.80 -2.53	23.15 0.67 -0.05	22.26 0.69 -0.05
BABYLON_RES_REC 323704	24.58 1.05 -13.18	22.04 1.25 -8.44	20.83 1.30 -6.02	21.69 1.04 -9.90	22.32 1.12 -9.43	26.77 1.26 -12.56	39.16 1.74 -19.09	56.37 2.86 -24.64	39.04 2.14 -16.27	31.34 1.98 -9.42	29.26 2.20 -7.55	27.13 2.48 -3.60	26.73 2.28 -3.69	27.55 2.43 -4.53	28.56 2.35 -5.93	31.67 2.13 -9.48	34.14 2.31 -11.06	44.87 2.13 -23.41	62.94 2.54 -37.07	44.57 2.78 -16.31	34.97 2.42 -10.76	32.80 2.27 -10.61	29.30 2.35 -4.51	25.99 2.26 -2.20
BABYLON__69_KV_BK2 356345	24.70 1.18 -13.18	22.19 1.40 -8.43	20.92 1.39 -6.01	21.79 1.15 -9.89	22.43 1.24 -9.42	26.90 1.40 -12.56	39.36 1.94 -19.09	56.68 3.18 -24.64	39.29 2.39 -16.27	31.72 2.35 -9.42	29.36 2.30 -7.56	27.28 2.63 -3.60	27.21 2.76 -3.70	27.51 2.39 -4.53	28.66 2.41 -5.97	31.75 2.19 -9.49	34.43 2.41 -11.25	46.02 2.20 -24.48	63.26 2.61 -37.32	46.41 2.88 -18.05	36.09 2.51 -11.79	33.12 2.29 -10.91	29.75 2.44 -4.88	26.27 2.54 -2.20
BALL_HILL_WT_PWR 323825	13.83 0.02 -3.48	14.70 0.05 -2.29	15.20 0.03 -1.66	13.15 0.03 -2.37	14.22 0.02 -2.42	16.13 0.01 -3.17	23.74 -0.15 -5.56	35.38 -0.40 -6.91	25.21 -0.12 -4.71	22.49 -0.08 -2.62	21.63 0.06 -2.06	21.63 0.13 -0.46	21.06 0.08 -0.22	21.43 0.15 -0.69	22.02 0.12 -1.62	22.81 0.14 -2.60	24.04 0.19 -3.08	25.85 0.06 -6.47	33.40 -0.23 -10.30	29.68 0.00 -4.20	24.72 0.11 -2.82	22.83 0.04 -2.87	22.62 0.14 -0.06	21.95 0.37 -0.06
BARON_WINDS____WT_PWR 323822	14.56 0.10 -4.12	15.22 0.15 -2.71	15.65 0.16 -1.97	13.69 0.14 -2.81	14.82 0.18 -2.87	16.90 0.19 -3.76	25.17 0.26 -6.59	37.32 0.26 -8.19	26.52 0.31 -5.58	23.37 0.32 -3.10	22.30 0.35 -2.45	21.99 0.40 -0.54	21.39 0.37 -0.26	21.80 0.39 -0.82	22.57 0.37 -1.92	23.55 0.40 -3.08	24.90 0.48 -3.65	27.38 0.39 -7.67	35.80 0.26 -12.21	30.92 0.46 -4.98	25.59 0.46 -3.34	23.66 0.34 -3.40	22.90 0.40 -0.07	22.13 0.54 -0.07
BARRETT_IC_1 23704	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20
BARRETT_IC_10 23701	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20
BARRETT_IC_11 23702	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20
BARRETT_IC_12 23703	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20
BARRETT_IC_2 23705	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20
BARRETT_IC_3 23706	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20
BARRETT_IC_4 23707	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20
BARRETT_IC_5 23708	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20
BARRETT_IC_6 23709	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20

BARRETT_IC_7 23710	24.42 0.90 -13.18	21.85 1.06 -8.43	20.63 1.11 -6.01	21.54 0.90 -9.89	22.14 0.94 -9.42	26.57 1.06 -12.56	38.90 1.48 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.14 1.78 -9.41	28.98 1.93 -7.54	26.77 2.13 -3.60	26.58 2.14 -3.69	27.13 2.02 -4.53	28.21 2.03 -5.90	31.39 1.85 -9.47	33.65 1.95 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.17 1.85 -10.40	28.79 2.11 -4.25	25.67 1.94 -2.20
BARRETT_IC_8 23711	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20
BARRETT_IC_9 23700	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20
BARRETT___1 23545	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20
BARRETT___2 23546	24.42 0.90 -13.18	21.86 1.06 -8.44	20.64 1.11 -6.02	21.55 0.90 -9.90	22.16 0.95 -9.43	26.58 1.06 -12.56	38.92 1.50 -19.09	55.87 2.37 -24.64	38.61 1.71 -16.27	31.10 1.73 -9.41	28.98 1.93 -7.54	26.79 2.15 -3.60	26.50 2.05 -3.69	27.19 2.08 -4.53	28.22 2.05 -5.90	31.37 1.83 -9.47	33.63 1.93 -10.93	43.73 1.76 -22.65	62.39 2.17 -36.89	42.83 2.29 -15.06	33.80 1.98 -10.02	32.23 1.91 -10.40	28.79 2.11 -4.25	25.69 1.96 -2.20
BATAVIA___115KV_TB1 55881	13.75 0.27 -3.15	14.78 0.35 -2.07	15.34 0.32 -1.51	13.18 0.29 -2.15	14.28 0.32 -2.19	16.13 0.31 -2.87	23.58 0.22 -5.03	35.33 0.20 -6.26	25.22 0.33 -4.26	22.56 0.24 -2.37	21.74 0.37 -1.87	21.90 0.44 -0.41	21.28 0.33 -0.20	21.77 0.56 -0.63	22.17 0.43 -1.47	22.84 0.42 -2.35	24.06 0.50 -2.79	25.50 0.31 -5.86	32.78 0.12 -9.33	29.82 0.54 -3.81	24.87 0.52 -2.55	22.97 0.46 -2.60	22.77 0.29 -0.05	22.05 0.47 -0.05
BAYONEEC___CTG1 323682	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.92 1.50 -19.09	55.97 2.45 -24.64	38.67 1.77 -16.28	31.08 1.72 -9.42	33.27 1.89 -11.88	32.97 2.06 -9.86	31.42 1.99 -8.67	33.28 2.00 -10.70	34.84 1.97 -12.59	34.36 1.91 -12.38	33.71 1.99 -10.95	53.86 1.84 -32.70	66.52 2.22 -40.97	42.95 2.39 -15.08	33.84 2.03 -10.02	32.19 1.85 -10.42	24.66 2.02 -0.21	23.57 1.85 -0.19
BAYONEEC___CTG10 323750	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.92 1.50 -19.09	55.97 2.45 -24.64	38.67 1.77 -16.28	31.08 1.72 -9.42	33.27 1.89 -11.88	32.97 2.06 -9.86	31.42 1.99 -8.67	33.28 2.00 -10.70	34.84 1.97 -12.59	34.36 1.91 -12.38	33.71 1.99 -10.95	53.86 1.84 -32.70	66.52 2.22 -40.97	42.95 2.39 -15.08	33.84 2.03 -10.02	32.19 1.85 -10.42	24.66 2.02 -0.21	23.57 1.85 -0.19
BAYONEEC___CTG2 323683	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.92 1.50 -19.09	55.97 2.45 -24.64	38.67 1.77 -16.28	31.08 1.72 -9.42	33.27 1.89 -11.88	32.97 2.06 -9.86	31.42 1.99 -8.67	33.28 2.00 -10.70	34.84 1.97 -12.59	34.36 1.91 -12.38	33.71 1.99 -10.95	53.86 1.84 -32.70	66.52 2.22 -40.97	42.95 2.39 -15.08	33.84 2.03 -10.02	32.19 1.85 -10.42	24.66 2.02 -0.21	23.57 1.85 -0.19
BAYONEEC___CTG3 323684	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.92 1.50 -19.09	55.97 2.45 -24.64	38.67 1.77 -16.28	31.08 1.72 -9.42	33.27 1.89 -11.88	32.97 2.06 -9.86	31.42 1.99 -8.67	33.28 2.00 -10.70	34.84 1.97 -12.59	34.36 1.91 -12.38	33.71 1.99 -10.95	53.86 1.84 -32.70	66.52 2.22 -40.97	42.95 2.39 -15.08	33.84 2.03 -10.02	32.19 1.85 -10.42	24.66 2.02 -0.21	23.57 1.85 -0.19
BAYONEEC___CTG4 323685	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.92 1.50 -19.09	55.97 2.45 -24.64	38.67 1.77 -16.28	31.08 1.72 -9.42	33.27 1.89 -11.88	32.97 2.06 -9.86	31.42 1.99 -8.67	33.28 2.00 -10.70	34.84 1.97 -12.59	34.36 1.91 -12.38	33.71 1.99 -10.95	53.86 1.84 -32.70	66.52 2.22 -40.97	42.95 2.39 -15.08	33.84 2.03 -10.02	32.19 1.85 -10.42	24.66 2.02 -0.21	23.57 1.85 -0.19
BAYONEEC___CTG5 323686	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.92 1.50 -19.09	55.97 2.45 -24.64	38.67 1.77 -16.28	31.08 1.72 -9.42	33.27 1.89 -11.88	32.97 2.06 -9.86	31.42 1.99 -8.67	33.28 2.00 -10.70	34.84 1.97 -12.59	34.36 1.91 -12.38	33.71 1.99 -10.95	53.86 1.84 -32.70	66.52 2.22 -40.97	42.95 2.39 -15.08	33.84 2.03 -10.02	32.19 1.85 -10.42	24.66 2.02 -0.21	23.57 1.85 -0.19
BAYONEEC___CTG6 323687	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.92 1.50 -19.09	55.97 2.45 -24.64	38.67 1.77 -16.28	31.08 1.72 -9.42	33.27 1.89 -11.88	32.97 2.06 -9.86	31.42 1.99 -8.67	33.28 2.00 -10.70	34.84 1.97 -12.59	34.36 1.91 -12.38	33.71 1.99 -10.95	53.86 1.84 -32.70	66.52 2.22 -40.97	42.95 2.39 -15.08	33.84 2.03 -10.02	32.19 1.85 -10.42	24.66 2.02 -0.21	23.57 1.85 -0.19
BAYONEEC___CTG7 323688	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.92 1.50 -19.09	55.97 2.45 -24.64	38.67 1.77 -16.28	31.08 1.72 -9.42	33.27 1.89 -11.88	32.97 2.06 -9.86	31.42 1.99 -8.67	33.28 2.00 -10.70	34.84 1.97 -12.59	34.36 1.91 -12.38	33.71 1.99 -10.95	53.86 1.84 -32.70	66.52 2.22 -40.97	42.95 2.39 -15.08	33.84 2.03 -10.02	32.19 1.85 -10.42	24.66 2.02 -0.21	23.57 1.85 -0.19
BAYONEEC___CTG8 323689	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.92 1.50 -19.09	55.97 2.45 -24.64	38.67 1.77 -16.28	31.08 1.72 -9.42	33.27 1.89 -11.88	32.97 2.06 -9.86	31.42 1.99 -8.67	33.28 2.00 -10.70	34.84 1.97 -12.59	34.36 1.91 -12.38	33.71 1.99 -10.95	53.86 1.84 -32.70	66.52 2.22 -40.97	42.95 2.39 -15.08	33.84 2.03 -10.02	32.19 1.85 -10.42	24.66 2.02 -0.21	23.57 1.85 -0.19

BAYONEEC___CTG9 323749	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.92 1.50 -19.09	55.97 2.45 -24.64	38.67 1.77 -16.28	31.08 1.72 -9.42	33.27 1.89 -11.88	32.97 2.06 -9.86	31.42 1.99 -8.67	33.28 2.00 -10.70	34.84 1.97 -12.59	34.36 1.91 -12.38	33.71 1.99 -10.95	53.86 1.84 -32.70	66.52 2.22 -40.97	42.95 2.39 -15.08	33.84 2.03 -10.02	32.19 1.85 -10.42	24.66 2.02 -0.21	23.57 1.85 -0.19
BEACON___LESR 323632	25.15 0.37 -14.44	22.32 0.46 -9.51	20.92 0.50 -6.91	20.96 0.38 -9.84	22.24 0.41 -10.06	26.56 0.45 -13.16	42.15 0.73 -23.09	58.05 1.18 -28.00	41.00 0.91 -19.47	31.34 0.86 -10.53	28.55 0.84 -8.21	23.67 0.86 -1.76	22.53 0.89 -0.89	24.18 0.82 -2.77	27.57 0.81 -6.48	31.27 0.86 -10.33	34.14 0.89 -12.48	46.74 0.93 -26.48	66.02 1.14 -41.55	43.61 1.20 -16.93	34.24 1.02 -11.42	32.21 0.82 -11.47	23.56 0.90 -0.23	22.56 0.80 -0.23
BEAVER RIVER___HYD 24048	9.71 -0.26 0.37	10.20 -0.32 1.84	10.70 -0.18 2.64	8.93 -0.15 1.66	9.85 -0.14 1.78	10.69 -0.13 2.13	16.07 -0.18 2.07	26.30 -0.29 2.28	18.23 -0.33 2.06	17.00 -0.36 2.59	15.83 -0.51 3.17	18.17 -0.55 2.33	20.27 -0.54 -0.06	19.98 -0.80 -0.20	20.05 -0.69 -0.46	20.18 -0.62 -0.74	19.37 -0.58 0.82	18.77 -0.37 0.19	25.95 -0.30 -2.92	26.26 -0.41 -1.19	19.13 -0.57 2.10	17.44 -0.54 1.94	19.16 -0.31 2.96	18.41 -0.28 2.84
BEEBEE_GT_13 23619	13.49 0.22 -2.94	14.57 0.27 -1.94	15.17 0.26 -1.41	12.97 0.21 -2.00	14.07 0.25 -2.05	15.89 0.26 -2.68	23.30 0.27 -4.70	35.12 0.40 -5.85	25.02 0.41 -3.98	22.50 0.34 -2.21	21.66 0.41 -1.75	21.92 0.48 -0.39	21.35 0.42 -0.19	21.69 0.51 -0.59	22.10 0.45 -1.37	22.69 0.42 -2.20	23.85 0.48 -2.60	25.17 0.37 -5.47	32.28 0.23 -8.72	29.54 0.51 -3.55	24.66 0.48 -2.38	22.78 0.44 -2.43	22.72 0.25 -0.05	21.94 0.37 -0.05
BENSHRST_27_KV_BENSHRST_1 355998	23.26 0.98 -11.94	21.36 1.14 -7.86	20.40 1.18 -5.72	19.83 0.95 -8.14	21.04 0.95 -8.32	24.87 1.04 -10.88	38.91 1.48 -19.09	55.97 2.45 -24.64	38.72 1.81 -16.28	31.10 1.74 -9.42	33.45 1.95 -11.99	33.25 2.13 -10.08	31.71 2.08 -8.88	33.56 2.06 -10.92	35.12 2.07 -12.77	34.53 2.01 -12.46	33.74 2.02 -10.95	54.17 1.87 -32.96	66.70 2.29 -41.08	43.03 2.47 -15.08	33.95 2.14 -10.02	32.33 1.99 -10.42	24.93 2.29 -0.21	23.87 2.15 -0.19
BETHLEHEM___GRP 23843	25.00 0.20 -14.46	22.13 0.25 -9.52	20.70 0.27 -6.92	20.79 0.19 -9.86	22.07 0.22 -10.08	26.37 0.23 -13.18	41.82 0.37 -23.13	57.48 0.61 -28.00	40.62 0.49 -19.50	30.93 0.46 -10.52	28.21 0.51 -8.20	23.33 0.53 -1.75	22.20 0.56 -0.89	23.85 0.49 -2.77	27.26 0.51 -6.47	30.92 0.52 -10.32	33.79 0.54 -12.48	46.40 0.56 -26.51	65.56 0.68 -41.55	43.12 0.71 -16.93	33.83 0.61 -11.42	31.86 0.48 -11.46	23.18 0.52 -0.23	22.21 0.45 -0.23
BETHLEHEM___GS1 323560	25.00 0.20 -14.46	22.13 0.25 -9.52	20.70 0.27 -6.92	20.80 0.19 -9.86	22.06 0.21 -10.08	26.37 0.23 -13.18	41.82 0.37 -23.13	57.48 0.61 -28.00	40.62 0.49 -19.50	30.91 0.44 -10.52	28.21 0.51 -8.20	23.33 0.53 -1.75	22.18 0.54 -0.89	23.87 0.51 -2.77	27.26 0.51 -6.47	30.92 0.52 -10.32	33.79 0.54 -12.48	46.40 0.56 -26.51	65.56 0.68 -41.55	43.12 0.71 -16.93	33.83 0.61 -11.42	31.86 0.48 -11.46	23.18 0.52 -0.23	22.21 0.45 -0.23
BETHLEHEM___GS2 323561	25.00 0.20 -14.46	22.13 0.25 -9.52	20.70 0.27 -6.92	20.80 0.19 -9.86	22.06 0.21 -10.08	26.37 0.23 -13.18	41.82 0.37 -23.13	57.48 0.61 -28.00	40.62 0.49 -19.50	30.91 0.44 -10.52	28.21 0.51 -8.20	23.33 0.53 -1.75	22.18 0.54 -0.89	23.87 0.51 -2.77	27.26 0.51 -6.47	30.92 0.52 -10.32	33.79 0.54 -12.48	46.40 0.56 -26.51	65.56 0.68 -41.55	43.12 0.71 -16.93	33.83 0.61 -11.42	31.86 0.48 -11.46	23.18 0.52 -0.23	22.21 0.45 -0.23
BETHLEHEM___GS3 323562	25.00 0.20 -14.46	22.13 0.25 -9.52	20.70 0.27 -6.92	20.80 0.19 -9.86	22.06 0.21 -10.08	26.37 0.23 -13.18	41.82 0.37 -23.13	57.48 0.61 -28.00	40.62 0.49 -19.50	30.91 0.44 -10.52	28.21 0.51 -8.20	23.33 0.53 -1.75	22.18 0.54 -0.89	23.87 0.51 -2.77	27.26 0.51 -6.47	30.92 0.52 -10.32	33.79 0.54 -12.48	46.40 0.56 -26.51	65.56 0.68 -41.55	43.12 0.71 -16.93	33.83 0.61 -11.42	31.86 0.48 -11.46	23.18 0.52 -0.23	22.21 0.45 -0.23
BETHLEHEM___STEEL 23779	13.78 0.02 -3.42	14.66 0.05 -2.25	15.16 0.01 -1.64	13.09 0.01 -2.33	14.16 0.01 -2.38	16.05 -0.01 -3.12	23.55 -0.24 -5.46	35.09 -0.58 -6.80	25.03 -0.23 -4.63	22.34 -0.18 -2.57	21.49 -0.04 -2.03	21.52 0.02 -0.45	20.89 -0.08 -0.22	21.35 0.08 -0.68	21.92 0.04 -1.60	22.64 0.02 -2.55	23.86 0.06 -3.03	25.63 -0.06 -6.36	33.07 -0.40 -10.13	29.46 -0.15 -4.13	24.56 0.00 -2.77	22.76 0.02 -2.82	22.51 0.02 -0.06	21.84 0.26 -0.06
BETHLHEM_115KV_TB1 79974	25.03 0.24 -14.46	22.18 0.30 -9.52	20.76 0.32 -6.92	20.83 0.24 -9.85	22.12 0.27 -10.07	26.41 0.28 -13.18	41.87 0.42 -23.12	57.63 0.72 -28.04	40.68 0.56 -19.50	31.01 0.52 -10.54	28.31 0.59 -8.22	23.42 0.61 -1.76	22.29 0.64 -0.89	23.94 0.58 -2.78	27.35 0.59 -6.49	31.02 0.60 -10.35	33.89 0.62 -12.49	46.47 0.62 -26.52	65.69 0.75 -41.61	43.22 0.79 -16.95	33.93 0.70 -11.43	31.96 0.56 -11.49	23.27 0.61 -0.23	22.30 0.54 -0.23
BETHPAGE_CC_5 323564	24.54 1.02 -13.18	22.01 1.21 -8.44	20.80 1.27 -6.02	21.67 1.02 -9.90	22.28 1.08 -9.43	26.73 1.22 -12.56	39.05 1.63 -19.09	56.11 2.60 -24.64	38.86 1.96 -16.27	31.24 1.87 -9.41	29.18 2.13 -7.55	27.00 2.36 -3.60	26.67 2.22 -3.69	27.46 2.35 -4.53	28.49 2.29 -5.92	31.63 2.09 -9.48	33.98 2.20 -11.01	44.47 2.01 -23.13	62.74 2.40 -37.00	43.92 2.60 -15.85	34.59 2.31 -10.48	32.66 2.21 -10.54	29.20 2.35 -4.42	25.93 2.20 -2.20
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	13.77 -0.01 -3.44	14.64 0.01 -2.27	15.13 -0.03 -1.65	13.07 -0.02 -2.34	14.14 -0.02 -2.40	16.03 -0.05 -3.14	23.55 -0.27 -5.50	35.10 -0.61 -6.84	25.04 -0.25 -4.66	22.32 -0.22 -2.59	21.49 -0.06 -2.04	21.50 0.00 -0.45	20.87 -0.10 -0.22	21.34 0.06 -0.69	21.88 0.00 -1.61	22.64 0.00 -2.57	23.86 0.04 -3.04	25.65 -0.08 -6.40	33.11 -0.42 -10.20	29.46 -0.18 -4.16	24.54 -0.04 -2.79	22.76 0.00 -2.84	22.53 0.04 -0.06	21.86 0.28 -0.06
BINGHAMTON___COGEN 23790	15.97 0.29 -5.34	16.22 0.35 -3.52	16.46 0.39 -2.56	14.70 0.31 -3.64	15.83 0.34 -3.72	18.18 0.36 -4.87	27.43 0.57 -8.54	40.33 0.84 -10.62	28.48 0.62 -7.23	24.57 0.60 -4.02	23.32 0.64 -3.17	22.42 0.67 -0.70	21.74 0.64 -0.34	22.33 0.68 -1.07	23.42 0.65 -2.49	24.70 0.64 -3.99	26.20 0.71 -4.72	29.90 0.64 -9.93	39.83 0.68 -15.82	32.75 0.82 -6.45	26.84 0.72 -4.32	24.96 0.64 -4.40	23.23 0.72 -0.09	22.34 0.73 -0.09
BIXINCNT_115KV_LOAD 355685	13.62 -0.26 -3.54	14.42 -0.27 -2.33	14.88 -0.32 -1.70	12.89 -0.27 -2.41	13.94 -0.29 -2.47	15.86 -0.32 -3.23	23.44 -0.55 -5.66	34.99 -0.92 -7.04	24.97 -0.45 -4.80	22.26 -0.36 -2.67	21.33 -0.27 -2.10	21.41 -0.11 -0.46	20.75 -0.23 -0.23	21.23 -0.06 -0.71	21.73 -0.20 -1.65	22.60 -0.12 -2.65	23.78 -0.12 -3.14	25.71 -0.21 -6.59	33.34 -0.49 -10.50	29.56 -0.20 -4.28	24.53 -0.13 -2.87	22.72 -0.12 -2.92	22.35 -0.13 -0.06	21.71 0.13 -0.06

BLACK RIVER___HYD 24047	10.69 -0.11 -0.47	11.43 -0.14 0.80	11.99 -0.04 1.48	10.05 -0.04 0.66	11.03 -0.01 0.73	12.15 0.01 0.81	18.13 0.07 0.27	28.89 0.15 0.13	20.12 -0.06 0.44	18.59 -0.12 1.24	17.43 -0.31 1.76	19.19 -0.34 1.52	20.51 -0.33 -0.09	20.37 -0.49 -0.28	20.49 -0.45 -0.66	20.76 -0.36 -1.05	20.54 -0.31 -0.07	20.46 -0.08 -1.21	27.56 0.07 -4.16	27.20 0.03 -1.70	20.73 -0.20 0.86	18.98 -0.20 0.74	20.33 -0.07 2.03	19.53 -0.04 1.95
BLACKRVR_115KV_TB2 79977	10.69 -0.11 -0.47	11.43 -0.14 0.80	11.99 -0.04 1.48	10.04 -0.04 0.66	11.03 -0.01 0.73	12.15 0.01 0.81	18.15 0.09 0.27	28.88 0.14 0.13	20.12 -0.06 0.44	18.53 -0.18 1.24	17.43 -0.31 1.76	19.19 -0.34 1.52	20.47 -0.37 -0.09	20.42 -0.45 -0.28	20.51 -0.43 -0.66	20.76 -0.36 -1.05	20.53 -0.31 -0.07	20.46 -0.08 -1.21	27.56 0.07 -4.16	27.20 0.03 -1.70	20.74 -0.20 0.86	18.98 -0.20 0.74	20.33 -0.07 2.03	19.53 -0.04 1.95
BLISS_WT_PWR 323608	13.55 -0.33 -3.54	14.36 -0.33 -2.33	14.80 -0.40 -1.70	12.83 -0.33 -2.41	13.86 -0.38 -2.47	15.78 -0.40 -3.23	23.37 -0.62 -5.66	34.90 -1.01 -7.04	24.93 -0.50 -4.80	22.22 -0.40 -2.67	21.27 -0.33 -2.10	21.39 -0.13 -0.46	20.79 -0.19 -0.23	21.17 -0.12 -0.71	21.67 -0.26 -1.65	22.58 -0.14 -2.65	23.74 -0.17 -3.14	25.69 -0.23 -6.59	33.32 -0.51 -10.50	29.53 -0.23 -4.28	24.51 -0.15 -2.87	22.62 -0.22 -2.92	22.26 -0.22 -0.06	21.63 0.04 -0.06
BLUESTONE___WT_PWR 323821	16.90 0.67 -5.89	17.05 0.82 -3.88	17.22 0.89 -2.82	15.47 0.71 -4.01	16.67 0.80 -4.10	19.22 0.91 -5.37	29.17 1.43 -9.42	42.95 2.37 -11.71	30.23 1.63 -7.98	25.88 1.50 -4.43	24.40 1.41 -3.49	23.33 1.52 -0.77	22.58 1.45 -0.38	23.20 1.44 -1.18	24.39 1.36 -2.75	25.91 1.45 -4.40	27.54 1.56 -5.21	31.87 1.59 -10.95	42.72 1.94 -17.45	34.68 2.09 -7.12	28.27 1.70 -4.77	26.21 1.43 -4.86	24.07 1.55 -0.10	23.11 1.48 -0.10
BLUE_CIRC_CHEM_DRP 24182	24.98 0.40 -14.24	22.23 0.49 -9.37	20.88 0.55 -6.82	20.86 0.41 -9.70	22.14 0.45 -9.92	26.38 0.45 -12.98	41.75 0.66 -22.77	57.78 1.07 -27.84	40.70 0.85 -19.23	31.26 0.82 -10.49	28.56 0.84 -8.21	23.71 0.88 -1.78	22.53 0.89 -0.89	24.22 0.86 -2.77	27.63 0.87 -6.47	31.29 0.88 -10.34	34.09 0.91 -12.40	46.45 0.89 -26.23	65.78 1.07 -41.38	43.51 1.17 -16.86	34.15 1.00 -11.35	32.21 0.84 -11.46	23.58 0.92 -0.23	22.60 0.84 -0.23
BOC_GAS_DRP 24189	25.12 0.35 -14.43	22.28 0.42 -9.50	20.88 0.46 -6.91	20.94 0.37 -9.83	22.21 0.39 -10.06	26.52 0.41 -13.15	42.01 0.60 -23.08	58.08 0.98 -28.23	40.84 0.72 -19.49	31.29 0.70 -10.64	28.61 0.78 -8.33	23.69 0.84 -1.80	22.48 0.83 -0.90	24.20 0.80 -2.81	27.65 0.81 -6.56	31.35 0.80 -10.48	34.17 0.83 -12.57	46.69 0.77 -26.59	66.19 0.91 -41.95	43.59 1.02 -17.10	34.17 0.87 -11.51	32.29 0.76 -11.62	23.49 0.83 -0.23	22.51 0.75 -0.23
BOONVILLE_115KV_TB1 79983	10.90 0.08 -0.49	12.42 0.10 0.04	13.39 0.20 0.32	10.91 0.15 -0.01	11.97 0.20 0.00	13.22 0.23 -0.04	19.21 0.40 -0.48	30.25 0.58 -0.80	21.40 0.33 -0.44	20.17 0.24 0.02	19.35 0.18 0.33	20.79 0.19 0.45	20.97 0.17 -0.05	20.87 0.12 -0.16	20.73 0.08 -0.37	20.78 0.12 -0.59	21.26 0.17 -0.32	20.61 0.27 -1.01	26.06 0.40 -2.33	26.81 0.38 -0.95	21.99 0.20 0.00	20.10 0.14 -0.04	22.12 0.34 0.64	21.23 0.32 0.62
BORALEX_4TH_BRANCH 23824	25.21 0.58 -14.30	22.48 0.70 -9.41	21.10 0.74 -6.84	21.09 0.60 -9.74	22.43 0.69 -9.96	26.80 0.82 -13.03	42.25 1.06 -22.86	56.35 1.62 -25.87	40.85 1.15 -19.07	30.57 1.08 -9.54	27.83 1.15 -7.18	23.70 1.26 -1.39	22.82 1.27 -0.80	24.30 1.26 -2.46	27.25 1.24 -5.74	30.35 1.20 -9.07	33.65 1.29 -11.59	45.82 1.20 -25.29	62.75 1.45 -37.98	42.47 1.55 -15.44	33.71 1.33 -10.58	31.28 1.16 -10.21	23.94 1.28 -0.23	22.94 1.18 -0.23
BOWLINE___1 23526	21.98 0.68 -10.96	20.37 0.79 -7.22	19.59 0.84 -5.25	18.88 0.67 -7.47	20.11 0.71 -7.64	23.73 0.79 -9.99	37.10 1.25 -17.52	53.33 1.93 -22.52	36.85 1.30 -14.93	29.87 1.32 -8.60	27.88 1.50 -6.88	24.24 1.62 -1.57	23.06 1.58 -0.73	24.47 1.59 -2.30	27.22 1.56 -5.38	30.23 1.52 -8.64	32.33 1.56 -9.99	41.42 1.35 -20.74	58.67 1.63 -33.71	41.02 1.78 -13.76	32.53 1.57 -9.16	30.89 1.47 -9.49	24.22 1.62 -0.18	23.19 1.48 -0.18
BOWLINE___2 23595	21.98 0.68 -10.96	20.37 0.79 -7.22	19.59 0.84 -5.25	18.88 0.67 -7.47	20.11 0.71 -7.64	23.73 0.79 -9.99	37.10 1.25 -17.53	53.36 1.96 -22.52	36.89 1.34 -14.93	29.87 1.32 -8.60	27.88 1.50 -6.88	24.26 1.64 -1.57	23.06 1.58 -0.73	24.47 1.59 -2.30	27.22 1.56 -5.38	30.23 1.52 -8.64	32.33 1.56 -9.99	41.47 1.39 -20.74	58.72 1.68 -33.71	41.05 1.81 -13.76	32.55 1.59 -9.16	30.89 1.47 -9.49	24.22 1.62 -0.18	23.19 1.48 -0.18
BRADY___115KV_TB2 356060	6.62 -0.19 3.53	5.17 -0.22 6.97	4.41 -0.24 8.85	4.02 -0.20 6.52	4.68 -0.20 6.89	4.27 -0.23 8.44	7.79 -0.51 10.03	16.24 -0.78 11.85	10.24 -0.80 9.58	9.46 -0.88 9.61	7.79 -0.96 10.76	12.88 -1.05 7.11	19.70 -1.08 -0.03	19.58 -1.09 -0.08	19.41 -1.05 -0.19	19.39 -0.98 -0.30	15.24 -0.98 4.56	13.54 -0.64 5.15	24.11 -0.42 -1.20	25.36 -0.61 -0.49	12.92 -0.76 8.11	11.56 -0.68 7.68	13.28 -0.49 8.65	12.78 -0.43 8.31
BRANSCOMB___SOLAR 323811	25.70 0.58 -14.78	22.80 0.70 -9.73	21.41 0.82 -7.08	21.45 0.63 -10.07	22.84 0.76 -10.30	27.31 0.88 -13.47	43.30 1.34 -23.64	59.40 2.11 -28.42	42.02 1.49 -19.91	31.99 1.38 -10.66	29.15 1.36 -8.28	24.17 1.37 -1.75	23.00 1.35 -0.90	24.77 1.38 -2.80	28.18 1.36 -6.54	31.90 1.40 -10.43	34.84 1.39 -12.67	47.67 1.35 -26.99	67.09 1.63 -42.13	44.39 1.76 -17.16	34.92 1.53 -11.60	32.79 1.28 -11.59	23.97 1.30 -0.24	22.93 1.16 -0.24
BRENTWOD_69_KV_W. BRTWOOD 56703	24.67 1.15 -13.18	22.14 1.35 -8.43	20.85 1.32 -6.01	21.74 1.10 -9.89	22.39 1.20 -9.42	26.87 1.36 -12.56	39.27 1.85 -19.09	56.54 3.03 -24.64	39.21 2.31 -16.27	31.64 2.27 -9.42	29.18 2.13 -7.55	27.13 2.48 -3.60	27.12 2.68 -3.70	27.38 2.26 -4.53	28.46 2.23 -5.95	31.54 1.99 -9.49	34.13 2.18 -11.18	45.35 1.93 -24.09	62.85 2.29 -37.23	45.41 2.52 -17.41	35.41 2.20 -11.41	32.77 2.05 -10.80	29.37 2.20 -4.74	26.18 2.45 -2.20
BRISTLHL_115KV_TB1 79998	12.55 0.00 -2.21	13.82 0.00 -1.46	14.58 0.01 -1.06	12.26 0.01 -1.51	13.33 0.02 -1.54	14.99 0.03 -2.02	21.90 0.04 -3.54	33.24 -0.03 -4.40	23.60 -0.02 -3.00	21.62 0.00 -1.66	20.72 -0.10 -1.31	21.23 -0.11 -0.29	20.79 -0.10 -0.14	21.01 -0.02 -0.44	21.21 -0.10 -1.03	21.62 -0.10 -1.65	22.64 -0.08 -1.95	23.36 -0.08 -4.11	29.73 -0.14 -6.54	28.02 -0.13 -2.67	23.50 -0.09 -1.79	21.68 -0.06 -1.82	22.49 0.02 -0.04	21.63 0.06 -0.04
BROOKHAVEN___DRP 24191	24.63 1.11 -13.18	22.11 1.32 -8.43	20.98 1.42 -6.05	21.82 1.14 -9.93	22.36 1.17 -9.42	26.81 1.31 -12.56	39.18 1.76 -19.09	56.45 2.94 -24.64	39.16 2.27 -16.27	31.70 2.29 -9.46	29.58 2.42 -7.66	27.40 2.72 -3.64	27.31 2.82 -3.73	27.57 2.41 -4.57	29.21 2.56 -6.38	31.97 2.31 -9.59	36.33 2.51 -13.04	56.45 2.30 -34.82	65.82 2.73 -39.76	63.33 2.98 -34.87	46.11 2.57 -21.74	36.02 2.33 -13.77	33.28 2.47 -8.38	26.12 2.39 -2.20

BROOKLYN_NAVY_YARD 23515	23.10 0.83 -11.94	21.17 0.95 -7.86	20.21 0.99 -5.72	19.68 0.80 -8.14	20.91 0.82 -8.32	24.77 0.93 -10.88	38.92 1.50 -19.09	56.00 2.48 -24.64	38.69 1.79 -16.28	31.08 1.72 -9.42	33.29 1.91 -11.88	32.99 2.08 -9.86	31.44 2.01 -8.67	33.31 2.02 -10.70	34.88 2.01 -12.59	34.38 1.93 -12.38	33.73 2.01 -10.95	53.90 1.87 -32.70	66.56 2.26 -40.97	43.00 2.45 -15.08	33.86 2.05 -10.02	32.21 1.87 -10.42	24.66 2.02 -0.21	23.57 1.85 -0.19
BROOKLYN___ARMY_DRP 323595	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
BROOKVLE_69_KV_TB1 55790	24.52 1.00 -13.18	21.98 1.19 -8.43	20.76 1.24 -6.01	21.64 1.00 -9.89	22.24 1.05 -9.42	26.68 1.18 -12.56	39.16 1.74 -19.09	56.34 2.83 -24.64	38.98 2.08 -16.27	31.44 2.07 -9.41	29.29 2.24 -7.54	27.08 2.44 -3.60	26.87 2.43 -3.69	27.40 2.29 -4.53	28.53 2.35 -5.90	31.71 2.17 -9.47	34.07 2.35 -10.94	44.24 2.16 -22.74	62.83 2.59 -36.91	43.53 2.83 -15.22	34.35 2.44 -10.11	32.54 2.19 -10.43	29.09 2.38 -4.29	25.88 2.15 -2.20
BROOME_2_LFGE 323671	15.97 0.29 -5.34	16.22 0.35 -3.52	16.46 0.39 -2.56	14.70 0.31 -3.64	15.83 0.34 -3.72	18.18 0.36 -4.87	27.42 0.55 -8.54	40.33 0.84 -10.62	28.48 0.62 -7.23	24.59 0.62 -4.02	23.32 0.64 -3.17	22.42 0.67 -0.70	21.76 0.66 -0.34	22.31 0.66 -1.07	23.42 0.65 -2.49	24.70 0.64 -3.99	26.20 0.71 -4.72	29.90 0.64 -9.93	39.83 0.68 -15.82	32.75 0.82 -6.45	26.84 0.72 -4.32	24.94 0.62 -4.40	23.23 0.72 -0.09	22.34 0.73 -0.09
BROOME___LFGE 323600	15.97 0.29 -5.34	16.22 0.35 -3.52	16.46 0.39 -2.56	14.70 0.31 -3.64	15.83 0.34 -3.72	18.18 0.36 -4.87	27.42 0.55 -8.54	40.33 0.84 -10.62	28.48 0.62 -7.23	24.59 0.62 -4.02	23.32 0.64 -3.17	22.42 0.67 -0.70	21.76 0.66 -0.34	22.31 0.66 -1.07	23.42 0.65 -2.49	24.70 0.64 -3.99	26.20 0.71 -4.72	29.90 0.64 -9.93	39.83 0.68 -15.82	32.75 0.82 -6.45	26.84 0.72 -4.32	24.94 0.62 -4.40	23.23 0.72 -0.09	22.34 0.73 -0.09
BROWNFLS_115KV_TB_3_5 80003	8.02 -0.41 1.90	7.55 -0.49 4.32	7.43 -0.43 5.64	6.38 -0.35 4.01	7.15 -0.36 4.25	7.35 -0.41 5.18	11.73 -0.68 5.92	20.84 -1.13 6.91	14.00 -0.93 5.70	13.01 -0.96 5.98	11.65 -1.01 6.84	15.31 -1.09 4.65	19.68 -1.12 -0.04	19.49 -1.24 -0.14	19.43 -1.18 -0.33	19.47 -1.12 -0.53	17.02 -1.12 2.63	15.85 -0.89 2.59	24.53 -0.89 -2.09	25.26 -1.07 -0.85	15.70 -1.09 5.00	14.23 -0.98 4.72	15.91 -0.81 5.71	15.31 -0.73 5.49
BROWNSV1_27_KV_LOAD 356125	23.19 0.91 -11.94	21.27 1.05 -7.86	20.32 1.09 -5.72	19.75 0.87 -8.14	20.99 0.89 -8.32	24.86 1.02 -10.88	39.05 1.63 -19.09	56.20 2.69 -24.64	38.86 1.96 -16.27	31.24 1.88 -9.42	33.45 2.07 -11.88	33.14 2.23 -9.86	31.60 2.18 -8.67	33.45 2.16 -10.70	35.02 2.15 -12.59	34.54 2.09 -12.38	33.88 2.16 -10.95	54.04 2.01 -32.70	66.73 2.43 -40.97	43.21 2.65 -15.08	34.04 2.22 -10.02	32.33 1.99 -10.42	24.84 2.20 -0.21	23.74 2.02 -0.19
BURROWS___LYONSDAL 23803	10.65 0.00 -0.32	11.97 0.00 0.39	12.87 0.14 0.77	10.53 0.10 0.32	11.55 0.13 0.35	12.73 0.17 0.38	18.62 0.31 0.02	29.47 0.40 -0.19	20.78 0.21 0.05	19.55 0.12 0.53	18.66 0.04 0.89	20.27 0.04 0.82	20.83 0.02 -0.05	20.67 -0.08 -0.17	20.58 -0.08 -0.39	20.65 -0.04 -0.62	20.87 0.00 -0.10	20.24 0.14 -0.77	26.04 0.26 -2.45	26.68 0.20 -1.00	21.38 0.00 0.41	19.55 -0.02 0.35	21.55 0.22 1.10	20.69 0.22 1.05
CAITHNESS_CC_1 323624	24.60 1.07 -13.18	22.08 1.29 -8.44	20.95 1.38 -6.06	21.79 1.11 -9.94	22.33 1.13 -9.43	26.78 1.27 -12.56	39.10 1.68 -19.09	56.34 2.83 -24.64	39.08 2.19 -16.27	31.40 1.99 -9.46	29.48 2.32 -7.66	27.34 2.65 -3.64	26.81 2.32 -3.73	27.73 2.57 -4.57	29.15 2.49 -6.38	31.89 2.23 -9.59	36.21 2.39 -13.05	56.36 2.20 -34.83	65.71 2.61 -39.77	63.22 2.85 -34.89	46.03 2.48 -21.75	36.02 2.33 -13.77	33.22 2.40 -8.39	26.05 2.33 -2.20
CALPINE BETH_PAGE_GT4 24209	24.53 1.01 -13.18	21.99 1.20 -8.43	20.78 1.26 -6.01	21.66 1.02 -9.89	22.27 1.07 -9.42	26.71 1.20 -12.56	39.05 1.63 -19.09	56.13 2.63 -24.64	38.86 1.96 -16.27	31.34 1.98 -9.41	29.17 2.13 -7.54	26.98 2.34 -3.60	26.87 2.43 -3.69	27.36 2.24 -4.53	28.50 2.31 -5.90	31.67 2.13 -9.47	33.96 2.22 -10.96	44.22 2.05 -22.84	62.69 2.43 -36.93	43.51 2.65 -15.39	34.32 2.31 -10.21	32.45 2.07 -10.46	29.13 2.38 -4.32	25.93 2.20 -2.20
CALPINE_BETH_PAGE_GT_4 323586	24.53 1.01 -13.18	22.00 1.20 -8.44	20.78 1.26 -6.02	21.67 1.02 -9.90	22.27 1.07 -9.43	26.72 1.20 -12.56	39.05 1.63 -19.09	56.13 2.63 -24.64	38.86 1.96 -16.27	31.22 1.86 -9.41	29.15 2.11 -7.54	26.98 2.34 -3.60	26.68 2.24 -3.69	27.48 2.37 -4.53	28.51 2.33 -5.90	31.67 2.13 -9.47	33.94 2.20 -10.96	44.20 2.03 -22.84	62.69 2.43 -36.93	43.51 2.65 -15.39	34.31 2.31 -10.21	32.55 2.17 -10.46	29.13 2.38 -4.32	25.93 2.20 -2.20
CALPINE_BP_GT1 23823	24.53 1.01 -13.18	22.00 1.20 -8.44	20.78 1.26 -6.02	21.67 1.02 -9.90	22.27 1.07 -9.43	26.72 1.20 -12.56	39.05 1.63 -19.09	56.13 2.63 -24.64	38.86 1.96 -16.27	31.22 1.86 -9.41	29.15 2.11 -7.54	26.98 2.34 -3.60	26.68 2.24 -3.69	27.48 2.37 -4.53	28.51 2.33 -5.90	31.67 2.13 -9.47	33.94 2.20 -10.96	44.20 2.03 -22.84	62.69 2.43 -36.93	43.51 2.65 -15.39	34.31 2.31 -10.21	32.55 2.17 -10.46	29.13 2.38 -4.32	25.93 2.20 -2.20
CALSPAN___DRP 24200	13.78 0.02 -3.42	14.66 0.05 -2.25	15.16 0.01 -1.64	13.09 0.01 -2.33	14.16 0.01 -2.38	16.05 -0.01 -3.12	23.55 -0.24 -5.46	35.09 -0.58 -6.80	25.03 -0.23 -4.63	22.34 -0.18 -2.57	21.49 -0.04 -2.03	21.52 0.02 -0.45	20.89 -0.08 -0.22	21.35 0.08 -0.68	21.92 0.04 -1.60	22.64 0.02 -2.55	23.86 0.06 -3.03	25.63 -0.06 -6.36	33.07 -0.40 -10.13	29.46 -0.15 -4.13	24.56 0.00 -2.77	22.76 0.02 -2.82	22.51 0.02 -0.06	21.84 0.26 -0.06
CALVERTON___SOLAR 323806	24.67 1.15 -13.18	22.17 1.37 -8.44	21.04 1.47 -6.06	21.87 1.18 -9.94	22.41 1.21 -9.43	26.87 1.36 -12.56	39.25 1.83 -19.09	56.60 3.09 -24.64	39.27 2.37 -16.27	31.56 2.16 -9.46	29.66 2.50 -7.66	27.51 2.82 -3.64	26.95 2.47 -3.73	27.92 2.76 -4.57	29.31 2.66 -6.38	32.07 2.41 -9.59	36.43 2.62 -13.04	56.56 2.42 -34.82	65.94 2.85 -39.76	63.49 3.13 -34.87	46.24 2.70 -21.74	36.22 2.53 -13.77	33.39 2.58 -8.38	26.20 2.47 -2.20
CANDIGU_WT_PWR 323617	14.56 0.10 -4.12	15.22 0.15 -2.71	15.65 0.16 -1.97	13.69 0.14 -2.81	14.82 0.18 -2.87	16.90 0.19 -3.76	25.17 0.26 -6.59	37.32 0.26 -8.19	26.52 0.31 -5.58	23.37 0.32 -3.10	22.30 0.35 -2.45	21.99 0.40 -0.54	21.39 0.37 -0.26	21.80 0.39 -0.82	22.57 0.37 -1.92	23.55 0.40 -3.08	24.90 0.48 -3.65	27.38 0.39 -7.67	35.80 0.26 -12.21	30.92 0.46 -4.98	25.59 0.46 -3.34	23.66 0.34 -3.40	22.90 0.40 -0.07	22.13 0.54 -0.07

CARR STREET_E_SYR 24060	12.99 0.09 -2.56	14.17 0.12 -1.68	14.87 0.14 -1.22	12.60 0.11 -1.74	13.68 0.13 -1.78	15.42 0.14 -2.33	22.64 0.22 -4.09	34.27 0.32 -5.08	24.34 0.25 -3.46	22.15 0.28 -1.92	21.22 0.20 -1.52	21.59 0.21 -0.33	21.16 0.25 -0.16	21.32 0.23 -0.51	21.67 0.20 -1.19	22.18 0.20 -1.91	23.26 0.23 -2.26	24.29 0.21 -4.75	31.08 0.19 -7.56	28.79 0.23 -3.08	24.08 0.22 -2.07	22.23 0.20 -2.11	22.69 0.22 -0.04	21.83 0.26 -0.04
CARTHAGE___PAPER 23857	10.26 -0.23 -0.15	10.89 -0.27 1.20	11.44 -0.15 1.93	9.56 -0.14 1.05	10.52 -0.12 1.13	11.52 -0.10 1.32	17.23 -0.13 0.97	27.77 -0.14 0.96	19.29 -0.27 1.07	17.87 -0.32 1.76	16.71 -0.49 2.31	18.69 -0.53 1.84	20.31 -0.52 -0.08	20.11 -0.72 -0.25	20.23 -0.63 -0.58	20.44 -0.56 -0.93	20.00 -0.50 0.27	19.72 -0.27 -0.67	26.85 -0.16 -3.68	26.73 -0.25 -1.50	20.02 -0.44 1.34	18.27 -0.44 1.21	19.77 -0.27 2.39	18.97 -0.26 2.30
CASSADAGA_WT_PWR 323784	13.67 -0.21 -3.54	14.49 -0.20 -2.33	14.99 -0.22 -1.69	13.02 -0.14 -2.41	14.12 -0.12 -2.46	16.06 -0.12 -3.22	23.71 -0.27 -5.65	35.41 -0.49 -7.03	25.21 -0.21 -4.79	22.47 -0.14 -2.66	21.62 0.02 -2.10	21.55 0.04 -0.46	21.02 0.04 -0.23	21.40 0.10 -0.71	21.99 0.06 -1.65	22.83 0.12 -2.64	24.07 0.17 -3.13	25.97 0.06 -6.58	33.65 -0.16 -10.48	29.80 0.05 -4.27	24.81 0.15 -2.86	22.84 0.00 -2.92	22.60 0.11 -0.06	21.88 0.30 -0.06
CE_DUNWOOD___DRP 24194	23.00 0.74 -11.92	21.09 0.88 -7.85	20.12 0.91 -5.71	19.60 0.73 -8.12	20.84 0.77 -8.31	24.69 0.87 -10.87	38.75 1.36 -19.07	55.67 2.19 -24.61	38.44 1.57 -16.25	30.87 1.52 -9.40	28.74 1.70 -7.53	24.63 1.85 -1.73	23.35 1.81 -0.80	24.88 1.77 -2.52	27.93 1.76 -5.89	31.24 1.71 -9.46	33.45 1.77 -10.92	43.59 1.64 -22.62	62.16 1.98 -36.85	42.66 2.14 -15.04	33.61 1.81 -10.01	31.92 1.61 -10.39	24.42 1.79 -0.19	23.33 1.61 -0.19
CE_MILLWOOD___DRP 24193	22.92 0.72 -11.86	21.02 0.85 -7.81	20.08 0.89 -5.68	19.55 0.72 -8.08	20.77 0.74 -8.26	24.60 0.84 -10.81	38.61 1.32 -18.96	55.45 2.11 -24.47	38.31 1.53 -16.16	30.78 1.48 -9.35	28.63 1.64 -7.49	24.56 1.79 -1.72	23.29 1.74 -0.79	24.80 1.71 -2.50	27.84 1.70 -5.86	31.12 1.65 -9.41	33.33 1.70 -10.85	43.41 1.58 -22.49	61.88 1.91 -36.64	42.50 2.06 -14.96	33.51 1.77 -9.95	31.82 1.57 -10.33	24.35 1.73 -0.19	23.29 1.57 -0.19
CE_NYC2_DRP 24202	23.15 0.87 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.72 0.84 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.83 1.41 -19.09	55.82 2.31 -24.64	38.61 1.71 -16.28	31.00 1.64 -9.42	33.35 1.85 -11.99	33.12 2.00 -10.08	31.61 1.97 -8.88	33.44 1.94 -10.92	34.98 1.93 -12.77	34.39 1.87 -12.46	33.63 1.91 -10.95	54.05 1.76 -32.96	66.56 2.15 -41.08	42.88 2.32 -15.08	33.80 1.98 -10.02	32.15 1.81 -10.42	24.66 2.02 -0.21	23.63 1.92 -0.19
CE_NYC_DRP 24195	23.13 0.85 -11.94	21.21 0.99 -7.86	20.25 1.03 -5.72	19.71 0.83 -8.14	20.94 0.85 -8.32	24.79 0.96 -10.88	38.94 1.52 -19.09	56.02 2.51 -24.64	38.72 1.81 -16.28	31.12 1.76 -9.42	33.32 1.95 -11.86	32.99 2.10 -9.83	31.47 2.08 -8.65	33.30 2.04 -10.67	34.86 2.01 -12.57	34.39 1.95 -12.37	33.76 2.04 -10.95	53.87 1.87 -32.66	66.55 2.26 -40.96	43.00 2.45 -15.08	33.89 2.07 -10.02	32.21 1.87 -10.42	24.70 2.06 -0.21	23.59 1.87 -0.19
CHAFFEE___LFGE 323603	13.82 0.00 -3.48	14.68 0.02 -2.29	15.16 -0.01 -1.67	13.12 0.00 -2.37	14.17 -0.02 -2.43	16.08 -0.04 -3.17	23.67 -0.22 -5.56	35.21 -0.58 -6.92	25.11 -0.23 -4.71	22.39 -0.18 -2.62	21.53 -0.04 -2.07	21.52 0.02 -0.46	20.97 0.00 -0.22	21.32 0.04 -0.70	21.92 0.02 -1.63	22.71 0.04 -2.60	23.92 0.06 -3.08	25.77 -0.04 -6.47	33.27 -0.37 -10.32	29.56 -0.13 -4.21	24.62 0.00 -2.82	22.73 -0.06 -2.87	22.53 0.04 -0.06	21.86 0.28 -0.06
CHATEAUG_35_KV_LOAD 355732	4.86 -0.50 4.98	2.56 -0.66 9.14	1.23 -0.85 11.43	1.49 -0.67 8.59	1.96 -0.74 9.06	0.93 -0.88 11.14	-0.05 -1.36 17.02	-7.52 -1.99 34.40	-7.39 -1.49 26.53	-7.28 -1.42 25.81	-0.16 -1.40 18.26	10.58 -1.41 9.05	19.26 -1.49 0.00	19.02 -1.56 0.00	18.88 -1.40 0.00	18.75 -1.32 0.00	13.17 -1.39 6.22	10.67 -1.20 7.46	22.30 -1.03 0.00	24.18 -1.30 0.00	10.04 -1.02 10.74	8.74 -0.98 10.20	10.26 -1.14 11.02	9.77 -1.16 10.59
CHATEAUG_WT_PWR 323614	4.76 -0.49 5.09	2.36 -0.66 9.34	0.98 -0.85 11.68	1.30 -0.67 8.78	1.77 -0.74 9.26	0.68 -0.89 11.38	-0.22 -1.41 17.14	-7.00 -2.08 33.79	-7.02 -1.55 26.10	-7.00 -1.56 25.40	-0.27 -1.44 18.33	10.36 -1.43 9.25	19.13 -1.62 0.00	19.06 -1.52 0.00	18.84 -1.44 0.00	18.70 -1.37 0.00	13.01 -1.41 6.35	10.49 -1.22 7.62	22.33 -1.00 0.00	24.18 -1.30 0.00	9.79 -1.02 10.98	8.51 -0.98 10.43	9.99 -1.17 11.27	9.51 -1.18 10.83
CHAT_HIGH_FALL_HYD 323578	4.87 -0.49 4.98	2.56 -0.66 9.14	1.23 -0.85 11.43	1.49 -0.67 8.59	1.96 -0.74 9.06	0.93 -0.88 11.14	-0.07 -1.37 17.02	-7.52 -1.99 34.40	-7.39 -1.49 26.53	-7.36 -1.50 25.81	-0.16 -1.40 18.26	10.58 -1.41 9.05	19.17 -1.58 0.00	19.11 -1.48 0.00	18.88 -1.40 0.00	18.73 -1.34 0.00	13.17 -1.39 6.22	10.67 -1.20 7.46	22.30 -1.03 0.00	24.18 -1.30 0.00	10.04 -1.02 10.74	8.74 -0.98 10.20	10.26 -1.14 11.02	9.77 -1.16 10.59
CHAUTAUQUA___LFGE 323629	13.84 0.00 -3.50	14.70 0.04 -2.31	15.21 0.03 -1.68	13.15 0.02 -2.39	14.25 0.04 -2.44	16.17 0.03 -3.19	23.82 -0.11 -5.60	35.52 -0.32 -6.96	25.31 -0.06 -4.74	22.57 -0.02 -2.64	21.74 0.16 -2.08	21.72 0.21 -0.46	21.16 0.19 -0.22	21.53 0.25 -0.70	22.14 0.22 -1.64	22.93 0.24 -2.62	24.16 0.29 -3.10	26.00 0.15 -6.51	33.59 -0.12 -10.38	29.84 0.13 -4.23	24.85 0.22 -2.84	22.93 0.12 -2.89	22.69 0.20 -0.06	21.99 0.41 -0.06
CHERRYST_13_KV_LD 356241	23.15 0.87 -11.94	21.24 1.01 -7.86	20.28 1.05 -5.72	19.73 0.85 -8.14	20.96 0.87 -8.32	24.82 0.98 -10.88	39.00 1.58 -19.09	56.11 2.60 -24.64	38.80 1.90 -16.28	31.20 1.84 -9.42	33.38 2.01 -11.86	33.07 2.19 -9.83	31.54 2.14 -8.65	33.36 2.10 -10.67	34.94 2.09 -12.57	34.47 2.03 -12.37	33.82 2.10 -10.95	53.95 1.95 -32.66	66.62 2.33 -40.96	43.08 2.52 -15.08	33.95 2.14 -10.02	32.25 1.91 -10.42	24.77 2.13 -0.21	23.66 1.94 -0.19
CHESTROR_138KV_BK263 355645	21.60 0.62 -10.64	20.08 0.72 -7.01	19.37 0.77 -5.09	18.61 0.61 -7.25	19.83 0.65 -7.41	23.37 0.73 -9.70	36.48 1.14 -17.02	52.50 1.79 -21.84	36.35 1.24 -14.49	29.48 1.20 -8.33	27.51 1.35 -6.66	24.04 1.47 -1.52	22.89 1.43 -0.71	24.24 1.42 -2.23	26.91 1.42 -5.21	29.82 1.38 -8.37	31.90 1.43 -9.69	40.75 1.30 -20.12	57.59 1.59 -32.68	40.52 1.71 -13.34	32.16 1.48 -8.88	30.43 1.31 -9.20	24.06 1.46 -0.17	23.03 1.33 -0.17
CH_MIDHUDSON___DRP 24192	23.06 0.65 -12.07	21.07 0.77 -7.95	20.10 0.81 -5.78	19.63 0.66 -8.23	20.87 0.68 -8.41	24.73 0.78 -11.00	38.82 1.19 -19.30	55.34 1.91 -24.57	38.38 1.34 -16.41	30.54 1.24 -9.35	28.40 1.44 -7.45	24.31 1.58 -1.69	23.08 1.54 -0.79	24.59 1.50 -2.50	27.62 1.50 -5.84	30.90 1.47 -9.36	33.20 1.52 -10.91	43.45 1.39 -22.73	61.77 1.73 -36.71	42.35 1.89 -14.98	33.36 1.57 -10.00	31.62 1.39 -10.31	24.15 1.53 -0.20	23.12 1.40 -0.20

CH_MISC_IPPS 23765	22.89 0.72 -11.83	20.99 0.84 -7.79	20.07 0.89 -5.66	19.53 0.72 -8.06	20.77 0.75 -8.25	24.58 0.84 -10.79	38.59 1.34 -18.92	55.17 2.11 -24.19	38.21 1.49 -16.10	30.49 1.32 -9.22	28.42 1.56 -7.36	24.41 1.68 -1.67	23.15 1.62 -0.78	24.68 1.63 -2.46	27.68 1.64 -5.76	30.94 1.62 -9.25	33.15 1.64 -10.74	43.17 1.51 -22.33	61.42 1.91 -36.17	42.30 2.06 -14.76	33.36 1.72 -9.84	31.62 1.53 -10.17	24.28 1.66 -0.19	23.25 1.53 -0.19
CH_RES_BVR_FALLS 23983	0.16 -0.51 9.67	-6.02 -0.61 17.77	-9.36 -0.65 22.22	-6.47 -0.52 16.70	-6.40 -0.55 17.62	-9.30 -0.61 21.65	-9.84 -0.72 27.45	-9.74 -1.13 37.49	-9.81 -0.78 29.66	-9.82 -0.80 28.97	-9.81 -0.78 28.53	2.58 -0.86 17.60	19.96 -0.79 0.00	19.83 -0.76 0.00	19.53 -0.75 0.00	19.35 -0.72 0.00	7.90 -0.79 12.08	4.07 -0.75 14.50	22.42 -0.91 0.00	24.41 -1.07 0.00	0.22 -0.87 20.71	-0.56 -0.80 19.68	0.25 -0.92 21.26	0.21 -0.88 20.43
CH_RES_NIAGARA 23895	13.47 -0.14 -3.27	14.37 -0.15 -2.16	14.85 -0.23 -1.57	12.81 -0.17 -2.23	13.85 -0.20 -2.28	15.70 -0.23 -2.98	22.96 -0.57 -5.20	34.07 -1.30 -6.50	24.29 -0.76 -4.43	21.74 -0.68 -2.46	20.90 -0.55 -1.94	20.97 -0.51 -0.43	20.42 -0.54 -0.21	20.75 -0.49 -0.65	21.32 -0.49 -1.53	22.02 -0.50 -2.45	23.17 -0.50 -2.90	24.79 -0.62 -6.08	31.90 -1.14 -9.71	28.52 -0.92 -3.96	23.86 -0.59 -2.65	22.06 -0.56 -2.70	21.79 -0.70 -0.05	21.17 -0.41 -0.05
CH_RES_SYRACUSE 23985	13.27 0.20 -2.74	14.40 0.23 -1.80	15.09 0.27 -1.31	12.83 0.21 -1.86	13.92 0.25 -1.91	15.70 0.26 -2.49	23.10 0.40 -4.37	34.92 0.61 -5.44	24.76 0.43 -3.70	22.49 0.48 -2.06	21.50 0.37 -1.62	21.80 0.40 -0.36	21.36 0.44 -0.17	21.52 0.39 -0.54	21.92 0.37 -1.27	22.49 0.38 -2.04	23.62 0.44 -2.41	24.79 0.39 -5.07	31.83 0.42 -8.08	29.26 0.48 -3.29	24.42 0.41 -2.21	22.55 0.38 -2.26	22.92 0.45 -0.04	22.04 0.47 -0.04
CLINTON_WT_PWR 323605	4.76 -0.49 5.09	2.36 -0.66 9.34	0.98 -0.85 11.68	1.30 -0.67 8.78	1.77 -0.74 9.26	0.68 -0.89 11.38	-0.22 -1.41 17.14	-7.00 -2.08 33.79	-7.02 -1.55 26.10	-7.00 -1.56 25.40	-0.27 -1.44 18.33	10.36 -1.43 9.25	19.13 -1.62 0.00	19.06 -1.52 0.00	18.84 -1.44 0.00	18.70 -1.37 0.00	13.01 -1.41 6.35	10.49 -1.22 7.62	22.33 -1.00 0.00	24.18 -1.30 0.00	9.79 -1.02 10.98	8.51 -0.98 10.43	9.99 -1.17 11.27	9.51 -1.18 10.83
CLINTON__LFGE 323618	4.89 -0.39 5.06	2.53 -0.54 9.29	1.15 -0.74 11.62	1.44 -0.58 8.73	1.91 -0.65 9.21	0.86 -0.78 11.32	0.01 -1.21 17.11	-6.76 -1.68 33.95	-6.87 -1.28 26.21	-6.85 -1.30 25.50	0.00 -1.19 18.31	10.56 -1.28 9.20	19.24 -1.51 0.00	19.17 -1.42 0.00	18.98 -1.30 0.00	18.83 -1.24 0.00	13.17 -1.29 6.32	10.67 -1.08 7.58	22.56 -0.77 0.00	24.43 -1.05 0.00	10.05 -0.83 10.91	8.75 -0.80 10.37	10.21 -1.01 11.21	9.70 -1.05 10.77
COBBLENY_34_KV_TB1 80064	13.82 0.00 -3.48	14.68 0.02 -2.29	15.16 -0.01 -1.67	13.12 0.00 -2.37	14.18 -0.01 -2.43	16.08 -0.04 -3.17	23.63 -0.26 -5.56	35.21 -0.58 -6.92	25.11 -0.23 -4.71	22.37 -0.20 -2.62	21.53 -0.04 -2.07	21.52 0.02 -0.46	20.87 -0.10 -0.22	21.37 0.08 -0.70	21.92 0.02 -1.63	22.71 0.04 -2.60	23.92 0.06 -3.08	25.77 -0.04 -6.47	33.27 -0.37 -10.32	29.53 -0.15 -4.21	24.62 0.00 -2.82	22.81 0.02 -2.87	22.51 0.02 -0.06	21.86 0.28 -0.06
COFFEEN__115KV_TB3 355620	10.81 -0.05 -0.53	11.58 -0.06 0.72	12.15 0.04 1.40	10.17 0.01 0.59	11.16 0.05 0.65	12.32 0.09 0.72	18.40 0.22 0.15	29.23 0.35 -0.02	20.36 0.06 0.33	18.72 -0.08 1.15	17.62 -0.21 1.67	19.35 -0.23 1.46	20.55 -0.29 -0.09	20.54 -0.33 -0.29	20.60 -0.34 -0.67	20.86 -0.28 -1.07	20.72 -0.19 -0.13	20.69 0.06 -1.31	27.84 0.26 -4.25	27.42 0.20 -1.73	20.97 -0.04 0.78	19.18 -0.08 0.66	20.53 0.07 1.97	19.70 0.06 1.89
COLDSPRG_115KV_BK1 355956	13.90 -0.03 -3.59	14.73 0.00 -2.37	15.22 -0.01 -1.72	13.19 0.00 -2.45	14.30 0.02 -2.50	16.24 0.01 -3.27	23.98 -0.09 -5.74	35.84 -0.17 -7.14	25.53 0.04 -4.87	22.75 0.10 -2.70	21.89 0.25 -2.13	21.83 0.32 -0.47	21.19 0.21 -0.23	21.66 0.35 -0.72	22.26 0.30 -1.68	23.07 0.32 -2.68	24.33 0.37 -3.18	26.28 0.27 -6.68	34.07 0.09 -10.65	30.10 0.28 -4.34	25.03 0.33 -2.91	23.14 0.26 -2.96	22.96 0.47 -0.06	22.27 0.69 -0.06
COLONIE_LFGE__ 323577	25.49 0.49 -14.67	22.60 0.58 -9.66	21.18 0.65 -7.02	21.24 0.51 -9.99	22.58 0.59 -10.22	26.99 0.67 -13.37	42.75 0.97 -23.45	58.38 1.53 -27.98	41.44 1.09 -19.73	31.44 1.02 -10.47	28.66 1.05 -8.10	23.86 1.11 -1.70	22.71 1.08 -0.88	24.44 1.11 -2.75	27.79 1.09 -6.41	31.38 1.10 -10.21	34.40 1.14 -12.48	47.08 1.08 -26.67	66.06 1.31 -41.42	43.75 1.40 -16.87	34.41 1.20 -11.42	32.32 1.04 -11.37	23.76 1.10 -0.24	22.75 0.99 -0.24
COOPERNY_115KV_TB1 80082	19.36 0.51 -8.52	18.57 0.61 -5.61	18.22 0.63 -4.08	17.07 0.52 -5.80	18.25 0.54 -5.93	21.32 0.61 -7.76	32.88 0.93 -13.62	47.71 1.47 -17.37	33.24 1.03 -11.58	27.57 1.00 -6.62	25.89 1.11 -5.28	23.44 1.20 -1.20	22.47 1.16 -0.56	23.53 1.17 -1.77	25.57 1.16 -4.13	27.84 1.14 -6.63	29.67 1.18 -7.71	36.44 1.06 -16.05	50.58 1.28 -25.97	37.48 1.40 -10.60	30.08 1.22 -7.07	28.31 1.10 -7.30	23.76 1.19 -0.14	22.76 1.10 -0.14
COPENHAGEN_WT_PWR 323753	10.86 -0.10 -0.63	11.64 -0.12 0.60	12.21 -0.04 1.26	10.24 -0.04 0.47	11.23 -0.01 0.53	12.40 0.01 0.56	18.45 0.06 -0.07	29.29 0.15 -0.28	20.45 -0.04 0.13	18.85 -0.12 0.98	17.72 -0.29 1.49	19.37 -0.32 1.37	20.54 -0.31 -0.09	20.43 -0.45 -0.30	20.57 -0.41 -0.69	20.84 -0.34 -1.11	20.73 -0.29 -0.24	20.73 -0.08 -1.48	27.78 0.05 -4.40	27.27 0.00 -1.79	20.99 -0.18 0.63	19.20 -0.20 0.52	20.50 -0.07 1.86	19.70 -0.04 1.78
CORNELL____ 23752	14.92 0.40 -4.18	15.60 0.49 -2.75	16.06 0.55 -2.00	14.03 0.44 -2.85	15.17 0.49 -2.91	17.31 0.56 -3.81	25.88 0.88 -6.68	38.59 1.41 -8.30	27.25 0.97 -5.66	23.99 0.90 -3.14	22.84 0.86 -2.48	22.48 0.88 -0.55	21.83 0.81 -0.27	22.31 0.89 -0.84	23.06 0.83 -1.95	24.06 0.86 -3.13	25.45 0.98 -3.70	28.06 0.95 -7.78	36.83 1.10 -12.40	31.76 1.22 -5.06	26.22 1.05 -3.38	24.26 0.90 -3.44	23.48 0.99 -0.07	22.56 0.97 -0.07
CORONAAV_69_KV_TB1 355595	24.47 0.95 -13.18	21.91 1.12 -8.43	20.69 1.18 -6.01	21.59 0.96 -9.89	22.18 0.99 -9.42	26.63 1.13 -12.56	39.07 1.65 -19.09	56.13 2.63 -24.64	38.77 1.88 -16.27	31.26 1.90 -9.41	29.11 2.07 -7.54	26.89 2.25 -3.60	26.66 2.22 -3.69	27.28 2.16 -4.53	28.33 2.15 -5.90	31.53 1.99 -9.47	33.85 2.14 -10.93	43.99 1.99 -22.67	62.63 2.40 -36.90	43.18 2.60 -15.11	34.09 2.24 -10.05	32.36 2.03 -10.41	28.96 2.27 -4.26	25.77 2.04 -2.20
CORTLAND_115KV_TB3 80093	14.18 0.31 -3.54	15.06 0.37 -2.33	15.62 0.42 -1.69	13.49 0.33 -2.41	14.61 0.38 -2.47	16.59 0.41 -3.22	24.64 0.66 -5.66	36.94 1.04 -7.03	26.14 0.72 -4.79	23.29 0.68 -2.66	22.25 0.64 -2.10	22.18 0.67 -0.46	21.62 0.64 -0.23	21.99 0.70 -0.71	22.58 0.65 -1.65	23.35 0.64 -2.64	24.63 0.73 -3.13	26.61 0.70 -6.58	34.61 0.79 -10.49	30.65 0.89 -4.28	25.42 0.76 -2.86	23.49 0.66 -2.92	23.23 0.74 -0.06	22.34 0.75 -0.06

COXSACKIE___GT 23611	24.48 0.45 -13.69	21.90 0.52 -9.02	20.67 0.61 -6.55	20.52 0.44 -9.33	21.78 0.47 -9.54	25.95 0.52 -12.48	41.12 0.90 -21.90	57.26 1.47 -26.92	40.27 1.13 -18.51	30.77 0.66 -10.16	28.37 0.90 -7.97	23.88 1.09 -1.74	22.52 0.91 -0.86	24.22 0.95 -2.69	27.47 0.91 -6.28	31.26 1.16 -10.03	33.82 1.06 -11.98	45.73 1.10 -25.30	64.91 1.54 -40.04	43.45 1.66 -16.32	34.10 1.33 -10.97	32.04 1.02 -11.11	23.77 1.12 -0.22	22.78 1.03 -0.22
CPV_VALLEY___CC1 323721	20.84 0.58 -9.92	19.57 0.68 -6.53	18.99 0.73 -4.75	18.09 0.58 -6.76	19.30 0.61 -6.92	22.68 0.69 -9.05	35.26 1.06 -15.87	50.88 1.67 -20.34	35.31 1.18 -13.51	28.85 1.14 -7.76	26.99 1.29 -6.20	23.85 1.39 -1.41	22.76 1.35 -0.66	24.02 1.36 -2.07	26.47 1.34 -4.85	29.16 1.30 -7.79	31.15 1.35 -9.03	39.30 1.22 -18.75	55.22 1.47 -30.42	39.50 1.61 -12.42	31.46 1.40 -8.27	29.75 1.28 -8.56	23.98 1.39 -0.16	22.96 1.27 -0.16
CPV_VALLEY___CC2 323722	20.84 0.58 -9.92	19.57 0.68 -6.53	18.99 0.73 -4.75	18.09 0.58 -6.76	19.30 0.61 -6.92	22.68 0.69 -9.05	35.26 1.06 -15.87	50.88 1.67 -20.34	35.31 1.18 -13.51	28.85 1.14 -7.76	26.99 1.29 -6.20	23.85 1.39 -1.41	22.76 1.35 -0.66	24.02 1.36 -2.07	26.47 1.34 -4.85	29.16 1.30 -7.79	31.15 1.35 -9.03	39.30 1.22 -18.75	55.22 1.47 -30.42	39.50 1.61 -12.42	31.46 1.40 -8.27	29.75 1.28 -8.56	23.98 1.39 -0.16	22.96 1.27 -0.16
CRESCENT___HYD 24018	25.49 0.49 -14.67	22.60 0.58 -9.66	21.18 0.65 -7.02	21.24 0.51 -9.99	22.58 0.59 -10.22	26.99 0.67 -13.37	42.75 0.97 -23.45	58.38 1.53 -27.98	41.44 1.09 -19.73	31.44 1.02 -10.47	28.66 1.05 -8.10	23.86 1.11 -1.70	22.71 1.08 -0.88	24.44 1.11 -2.75	27.79 1.09 -6.41	31.38 1.10 -10.21	34.40 1.14 -12.48	47.08 1.08 -26.67	66.06 1.31 -41.42	43.75 1.40 -16.87	34.41 1.20 -11.42	32.32 1.04 -11.37	23.76 1.10 -0.24	22.75 0.99 -0.24
CRICKET___VALLEY_CC1 323756	23.36 0.53 -12.50	21.24 0.65 -8.23	20.17 0.68 -5.98	19.81 0.55 -8.52	21.08 0.60 -8.71	24.99 0.65 -11.39	39.27 0.95 -19.99	41.05 1.50 -10.68	36.99 1.07 -15.30	23.61 1.02 -2.64	20.89 1.19 -0.20	21.33 1.31 1.02	22.20 1.25 -0.20	22.17 1.26 -0.33	22.18 1.24 -0.66	21.75 1.20 -0.48	27.23 1.25 -5.21	36.57 1.14 -16.10	37.57 1.38 -12.86	31.96 1.50 -4.98	27.68 1.26 -4.62	22.61 1.13 -1.55	23.86 1.23 -0.20	22.85 1.12 -0.20
CRICKET___VALLEY_CC2 323757	23.36 0.53 -12.50	21.24 0.65 -8.23	20.17 0.68 -5.98	19.81 0.55 -8.52	21.08 0.60 -8.71	24.99 0.65 -11.39	39.27 0.95 -19.99	41.05 1.50 -10.68	36.99 1.07 -15.30	23.61 1.02 -2.64	20.89 1.19 -0.20	21.33 1.31 1.02	22.20 1.25 -0.20	22.17 1.26 -0.33	22.18 1.24 -0.66	21.75 1.20 -0.48	27.23 1.25 -5.21	36.57 1.14 -16.10	37.57 1.38 -12.86	31.96 1.50 -4.98	27.68 1.26 -4.62	22.61 1.13 -1.55	23.86 1.23 -0.20	22.85 1.12 -0.20
CRICKET___VALLEY_CC3 323758	23.36 0.53 -12.50	21.24 0.65 -8.23	20.17 0.68 -5.98	19.81 0.55 -8.52	21.08 0.60 -8.71	24.99 0.65 -11.39	39.27 0.95 -19.99	41.05 1.50 -10.68	36.99 1.07 -15.30	23.61 1.02 -2.64	20.89 1.19 -0.20	21.33 1.31 1.02	22.20 1.25 -0.20	22.17 1.26 -0.33	22.18 1.24 -0.66	21.75 1.20 -0.48	27.23 1.25 -5.21	36.57 1.14 -16.10	37.57 1.38 -12.86	31.96 1.50 -4.98	27.68 1.26 -4.62	22.61 1.13 -1.55	23.86 1.23 -0.20	22.85 1.12 -0.20
CRUCIBLE_METL_DRP 24180	13.27 0.20 -2.74	14.40 0.23 -1.80	15.09 0.27 -1.31	12.83 0.21 -1.86	13.92 0.25 -1.91	15.70 0.26 -2.49	23.10 0.40 -4.37	34.92 0.61 -5.44	24.76 0.43 -3.70	22.43 0.42 -2.06	21.50 0.37 -1.62	21.80 0.40 -0.36	21.30 0.37 -0.17	21.56 0.43 -0.54	21.92 0.37 -1.27	22.49 0.38 -2.04	23.62 0.44 -2.41	24.79 0.39 -5.07	31.83 0.42 -8.08	29.26 0.48 -3.29	24.42 0.41 -2.21	22.57 0.40 -2.26	22.92 0.45 -0.04	22.04 0.47 -0.04
DAHOWA___HYDRO 323763	25.74 0.61 -14.80	22.84 0.74 -9.74	21.47 0.88 -7.08	21.51 0.68 -10.08	22.90 0.82 -10.31	27.38 0.94 -13.49	43.44 1.45 -23.66	59.66 2.31 -28.48	42.19 1.63 -19.93	32.14 1.50 -10.69	29.27 1.46 -8.30	24.28 1.47 -1.76	23.09 1.43 -0.90	24.86 1.46 -2.81	28.28 1.44 -6.56	32.03 1.51 -10.46	34.95 1.48 -12.70	47.79 1.43 -27.04	67.30 1.75 -42.22	44.54 1.86 -17.20	35.03 1.61 -11.62	32.88 1.33 -11.63	24.04 1.37 -0.24	22.97 1.20 -0.24
DANC___LFGE 323619	11.44 -0.08 -1.19	12.36 -0.10 -0.10	12.98 -0.04 0.49	10.92 -0.03 -0.20	11.93 -0.01 -0.17	13.26 0.00 -0.31	19.63 0.04 -1.26	30.67 0.09 -1.71	21.53 -0.04 -0.95	19.79 -0.08 0.09	18.71 -0.23 0.56	19.97 -0.25 0.82	20.64 -0.23 -0.11	20.61 -0.33 -0.35	20.80 -0.30 -0.82	21.11 -0.28 -1.32	21.38 -0.23 -0.84	21.64 -0.10 -2.41	28.51 -0.05 -5.23	27.53 -0.08 -2.13	21.81 -0.18 -0.19	20.04 -0.16 -0.28	21.12 -0.07 1.24	20.29 -0.04 1.19
DANSKAMMER___1 23586	22.89 0.72 -11.83	20.99 0.84 -7.79	20.07 0.89 -5.66	19.53 0.72 -8.06	20.77 0.75 -8.25	24.58 0.84 -10.79	38.59 1.34 -18.92	55.17 2.11 -24.19	38.21 1.49 -16.10	30.49 1.32 -9.22	28.42 1.56 -7.36	24.41 1.68 -1.67	23.15 1.62 -0.78	24.68 1.63 -2.46	27.68 1.64 -5.76	30.94 1.62 -9.25	33.15 1.64 -10.74	43.17 1.51 -22.33	61.42 1.91 -36.17	42.30 2.06 -14.76	33.36 1.72 -9.84	31.62 1.53 -10.17	24.28 1.66 -0.19	23.25 1.53 -0.19
DANSKAMMER___2 23589	22.89 0.72 -11.83	20.99 0.84 -7.79	20.07 0.89 -5.66	19.53 0.72 -8.06	20.77 0.75 -8.25	24.58 0.84 -10.79	38.59 1.34 -18.92	55.17 2.11 -24.19	38.21 1.49 -16.10	30.49 1.32 -9.22	28.42 1.56 -7.36	24.41 1.68 -1.67	23.15 1.62 -0.78	24.68 1.63 -2.46	27.68 1.64 -5.76	30.94 1.62 -9.25	33.15 1.64 -10.74	43.17 1.51 -22.33	61.42 1.91 -36.17	42.30 2.06 -14.76	33.36 1.72 -9.84	31.62 1.53 -10.17	24.28 1.66 -0.19	23.25 1.53 -0.19
DANSKAMMER___3 23590	22.89 0.72 -11.83	20.99 0.84 -7.79	20.07 0.89 -5.66	19.53 0.72 -8.06	20.77 0.75 -8.25	24.58 0.84 -10.79	38.59 1.34 -18.92	55.17 2.11 -24.19	38.21 1.49 -16.10	30.49 1.32 -9.22	28.42 1.56 -7.36	24.41 1.68 -1.67	23.15 1.62 -0.78	24.68 1.63 -2.46	27.68 1.64 -5.76	30.94 1.62 -9.25	33.15 1.64 -10.74	43.17 1.51 -22.33	61.42 1.91 -36.17	42.30 2.06 -14.76	33.36 1.72 -9.84	31.62 1.53 -10.17	24.28 1.66 -0.19	23.25 1.53 -0.19
DANSKAMMER___4 23591	22.89 0.72 -11.83	20.99 0.84 -7.79	20.07 0.89 -5.66	19.53 0.72 -8.06	20.77 0.75 -8.25	24.58 0.84 -10.79	38.59 1.34 -18.92	55.17 2.11 -24.19	38.21 1.49 -16.10	30.49 1.32 -9.22	28.42 1.56 -7.36	24.41 1.68 -1.67	23.15 1.62 -0.78	24.68 1.63 -2.46	27.68 1.64 -5.76	30.94 1.62 -9.25	33.15 1.64 -10.74	43.17 1.51 -22.33	61.42 1.91 -36.17	42.30 2.06 -14.76	33.36 1.72 -9.84	31.62 1.53 -10.17	24.28 1.66 -0.19	23.25 1.53 -0.19
DANSKAMMER___DIESEL 23592	22.89 0.72 -11.83	20.99 0.84 -7.79	20.07 0.89 -5.66	19.53 0.72 -8.06	20.76 0.74 -8.25	24.58 0.84 -10.79	38.59 1.34 -18.92	55.17 2.11 -24.19	38.21 1.49 -16.10	30.49 1.32 -9.22	28.42 1.56 -7.36	24.40 1.68 -1.67	23.17 1.64 -0.78	24.68 1.63 -2.46	27.68 1.64 -5.76	30.92 1.61 -9.25	33.15 1.64 -10.74	43.17 1.51 -22.33	61.42 1.91 -36.17	42.31 2.06 -14.76	33.36 1.72 -9.84	31.62 1.53 -10.17	24.28 1.66 -0.19	23.25 1.53 -0.19

DARBY___SOLAR 323810	25.71 0.59 -14.78	22.81 0.72 -9.73	21.42 0.84 -7.08	21.46 0.64 -10.07	22.85 0.78 -10.30	27.32 0.89 -13.47	43.32 1.36 -23.64	59.46 2.17 -28.42	42.06 1.53 -19.91	32.03 1.42 -10.66	29.19 1.41 -8.28	24.23 1.43 -1.75	23.04 1.39 -0.90	24.81 1.42 -2.80	28.20 1.38 -6.55	31.92 1.43 -10.43	34.86 1.41 -12.67	47.70 1.37 -26.99	67.12 1.66 -42.13	44.42 1.78 -17.16	34.94 1.55 -11.60	32.81 1.29 -11.60	23.99 1.32 -0.24	22.95 1.18 -0.24
DASHVILLE___HYD 23610	22.95 0.51 -12.11	20.91 0.58 -7.97	19.91 0.61 -5.79	19.50 0.51 -8.25	20.71 0.51 -8.44	24.57 0.58 -11.04	38.64 0.95 -19.36	54.74 1.47 -24.40	38.05 0.99 -16.43	30.08 0.86 -9.27	28.06 1.21 -7.35	24.27 1.58 -1.65	22.93 1.39 -0.78	24.37 1.32 -2.47	27.22 1.18 -5.77	30.45 1.14 -9.24	32.78 1.16 -10.84	43.04 1.04 -22.67	61.07 1.33 -36.41	41.78 1.45 -14.85	32.95 1.22 -9.93	31.18 1.08 -10.19	24.11 1.48 -0.20	23.08 1.36 -0.20
DEERFIELD_69_KV_DEERFIELD LD 355887	24.86 1.34 -13.18	22.38 1.59 -8.43	21.29 1.73 -6.05	22.06 1.39 -9.93	22.61 1.41 -9.42	27.10 1.59 -12.56	39.62 2.20 -19.09	57.35 3.84 -24.64	39.85 2.95 -16.27	32.32 2.91 -9.46	30.20 3.04 -7.66	28.01 3.33 -3.64	27.99 3.51 -3.73	28.04 2.88 -4.57	29.82 3.16 -6.38	32.61 2.95 -9.59	37.03 3.22 -13.04	57.09 2.96 -34.81	66.59 3.50 -39.76	64.18 3.85 -34.85	46.84 3.31 -21.73	36.67 2.99 -13.77	33.86 3.05 -8.38	26.59 2.86 -2.20
DELAWARE___LFGE 323621	18.05 0.48 -7.24	17.68 0.56 -4.77	17.60 0.62 -3.47	16.18 0.49 -4.93	17.36 0.54 -5.05	20.13 0.58 -6.60	30.80 0.90 -11.58	44.68 1.41 -14.40	31.44 1.01 -9.81	26.36 0.96 -5.45	24.81 1.01 -4.30	23.09 1.09 -0.95	22.25 1.04 -0.46	23.10 1.07 -1.45	24.69 1.03 -3.38	26.50 1.02 -5.41	28.26 1.08 -6.40	33.80 1.01 -13.46	45.95 1.17 -21.45	35.55 1.32 -8.75	28.79 1.13 -5.86	26.89 1.00 -5.97	23.62 1.08 -0.12	22.65 1.01 -0.12
DERFIELD_115KV_TB7 355931	10.98 0.04 -0.60	13.16 0.05 -0.75	14.42 0.07 -0.84	11.53 0.05 -0.73	12.59 0.06 -0.76	13.97 0.06 -0.95	19.79 0.13 -1.34	30.81 0.17 -1.77	22.08 0.12 -1.33	21.21 0.12 -1.13	20.67 0.10 -1.07	21.75 0.11 -0.59	20.89 0.12 -0.02	20.77 0.12 -0.06	20.54 0.12 -0.14	20.41 0.12 -0.22	21.54 0.12 -0.64	20.45 0.12 -1.01	24.32 0.12 -0.87	25.96 0.13 -0.36	22.81 0.11 -0.90	20.89 0.10 -0.87	23.23 0.11 -0.69	22.29 0.11 -0.66
DOGLEVILLE___HYD 23807	11.24 0.30 -0.60	13.47 0.36 -0.75	14.76 0.40 -0.84	11.80 0.32 -0.73	12.90 0.37 -0.76	14.32 0.41 -0.95	20.29 0.62 -1.34	31.45 0.81 -1.77	22.54 0.58 -1.33	21.76 0.68 -1.13	21.10 0.53 -1.07	22.21 0.57 -0.59	21.48 0.71 -0.02	21.22 0.58 -0.06	20.96 0.55 -0.14	20.79 0.50 -0.22	21.91 0.50 -0.64	20.80 0.46 -1.01	24.76 0.56 -0.87	26.42 0.59 -0.36	23.16 0.46 -0.90	21.25 0.46 -0.87	23.77 0.65 -0.69	22.83 0.65 -0.66
DUNKIRK___115KV_TB_200 55889	13.87 0.03 -3.50	14.74 0.07 -2.30	15.24 0.05 -1.67	13.17 0.04 -2.38	14.27 0.06 -2.44	16.19 0.05 -3.19	23.81 -0.11 -5.59	35.54 -0.29 -6.96	25.32 -0.04 -4.74	22.58 0.00 -2.63	21.74 0.16 -2.08	21.72 0.21 -0.46	21.08 0.10 -0.22	21.55 0.27 -0.70	22.14 0.22 -1.63	22.92 0.24 -2.61	24.16 0.29 -3.10	25.99 0.15 -6.51	33.58 -0.12 -10.37	29.83 0.13 -4.23	24.85 0.22 -2.83	23.00 0.20 -2.89	22.69 0.20 -0.06	22.01 0.43 -0.06
DUNKIRK___1 23563	13.87 0.03 -3.50	14.74 0.07 -2.30	15.24 0.05 -1.67	13.17 0.04 -2.38	14.27 0.06 -2.44	16.19 0.05 -3.19	23.81 -0.11 -5.59	35.54 -0.29 -6.96	25.32 -0.04 -4.74	22.58 0.00 -2.63	21.74 0.16 -2.08	21.72 0.21 -0.46	21.08 0.10 -0.22	21.55 0.27 -0.70	22.14 0.22 -1.63	22.92 0.24 -2.61	24.16 0.29 -3.10	25.99 0.15 -6.51	33.58 -0.12 -10.37	29.83 0.13 -4.23	24.85 0.22 -2.83	23.00 0.20 -2.89	22.69 0.20 -0.06	22.01 0.43 -0.06
DUNKIRK___2 23564	13.87 0.03 -3.50	14.74 0.07 -2.30	15.24 0.05 -1.67	13.17 0.04 -2.38	14.27 0.06 -2.44	16.19 0.05 -3.19	23.81 -0.11 -5.59	35.54 -0.29 -6.96	25.32 -0.04 -4.74	22.58 0.00 -2.63	21.74 0.16 -2.08	21.72 0.21 -0.46	21.08 0.10 -0.22	21.55 0.27 -0.70	22.14 0.22 -1.63	22.92 0.24 -2.61	24.16 0.29 -3.10	25.99 0.15 -6.51	33.58 -0.12 -10.37	29.83 0.13 -4.23	24.85 0.22 -2.83	23.00 0.20 -2.89	22.69 0.20 -0.06	22.01 0.43 -0.06
DUNKIRK___3 23565	13.87 0.03 -3.50	14.73 0.06 -2.30	15.23 0.04 -1.68	13.17 0.04 -2.38	14.26 0.05 -2.44	16.18 0.04 -3.19	23.79 -0.13 -5.59	35.51 -0.32 -6.96	25.30 -0.06 -4.74	22.54 -0.04 -2.63	21.70 0.12 -2.08	21.67 0.17 -0.46	21.04 0.06 -0.22	21.51 0.23 -0.70	22.09 0.18 -1.63	22.86 0.18 -2.61	24.12 0.25 -3.10	25.95 0.12 -6.51	33.54 -0.16 -10.37	29.78 0.08 -4.23	24.80 0.17 -2.83	22.98 0.18 -2.89	22.69 0.20 -0.06	21.99 0.41 -0.06
DUNKIRK___4 23566	13.81 0.02 -3.46	14.69 0.05 -2.28	15.19 0.03 -1.66	13.13 0.03 -2.36	14.21 0.04 -2.41	16.12 0.01 -3.15	23.69 -0.16 -5.53	35.34 -0.40 -6.87	25.20 -0.10 -4.68	22.49 -0.06 -2.60	21.65 0.10 -2.05	21.65 0.15 -0.45	21.01 0.04 -0.22	21.48 0.21 -0.69	22.06 0.16 -1.61	22.81 0.16 -2.58	24.04 0.21 -3.06	25.84 0.08 -6.43	33.37 -0.21 -10.25	29.68 0.03 -4.18	24.75 0.15 -2.80	22.91 0.14 -2.85	22.62 0.13 -0.06	21.95 0.37 -0.06
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.04 0.76 -11.94	21.11 0.89 -7.86	20.16 0.93 -5.72	19.63 0.75 -8.14	20.87 0.78 -8.32	24.73 0.89 -10.88	38.81 1.39 -19.09	55.76 2.25 -24.64	38.53 1.63 -16.27	30.94 1.58 -9.42	28.80 1.76 -7.54	24.69 1.92 -1.73	23.42 1.87 -0.80	24.94 1.83 -2.52	28.00 1.83 -5.90	31.31 1.77 -9.48	33.53 1.83 -10.93	43.68 1.70 -22.65	62.28 2.05 -36.90	42.76 2.22 -15.06	33.69 1.87 -10.02	32.00 1.67 -10.41	24.46 1.84 -0.19	23.40 1.68 -0.19
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.25 0.65 -11.26	20.53 0.75 -7.41	19.70 0.80 -5.39	19.06 0.64 -7.67	20.29 0.67 -7.84	23.98 0.76 -10.26	37.52 1.19 -18.00	53.77 1.88 -23.02	37.24 1.30 -15.32	29.94 1.22 -8.78	27.91 1.40 -7.01	24.18 1.54 -1.59	22.99 1.49 -0.74	24.41 1.48 -2.34	27.24 1.48 -5.49	30.32 1.45 -8.80	32.47 1.47 -10.22	41.93 1.35 -21.25	59.44 1.68 -34.43	41.34 1.81 -14.05	32.71 1.55 -9.36	30.97 1.37 -9.68	24.14 1.53 -0.18	23.11 1.40 -0.18
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.15 0.87 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.73 0.85 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.76 1.34 -19.09	55.68 2.17 -24.64	38.53 1.63 -16.28	30.90 1.54 -9.42	28.83 1.76 -7.57	24.73 1.92 -1.77	23.45 1.87 -0.83	24.99 1.85 -2.55	28.05 1.85 -5.93	31.35 1.79 -9.49	33.53 1.81 -10.95	43.68 1.66 -22.69	62.28 2.03 -36.92	42.75 2.19 -15.08	33.69 1.87 -10.02	32.05 1.71 -10.42	24.57 1.93 -0.21	23.63 1.92 -0.19
E179THST_13_KV_LOAD 356214	23.19 0.91 -11.94	21.28 1.06 -7.86	20.32 1.09 -5.72	19.76 0.88 -8.14	20.96 0.87 -8.32	24.78 0.95 -10.88	38.83 1.41 -19.09	55.82 2.31 -24.64	38.61 1.71 -16.28	31.00 1.64 -9.42	28.92 1.85 -7.57	24.81 2.00 -1.77	23.53 1.95 -0.83	25.08 1.94 -2.55	28.13 1.93 -5.93	31.45 1.89 -9.49	33.63 1.91 -10.95	43.78 1.76 -22.69	62.42 2.17 -36.92	42.88 2.32 -15.08	33.78 1.96 -10.02	32.13 1.79 -10.42	24.66 2.02 -0.21	23.72 2.00 -0.19

EAST HAMPTON___GT 23717	24.98 1.46 -13.18	22.53 1.73 -8.44	21.45 1.88 -6.06	22.19 1.50 -9.94	22.76 1.55 -9.43	27.24 1.72 -12.56	39.83 2.42 -19.09	57.78 4.27 -24.64	40.15 3.26 -16.27	32.20 2.79 -9.46	30.48 3.32 -7.66	28.33 3.64 -3.64	27.58 3.09 -3.73	28.68 3.52 -4.57	30.12 3.47 -6.38	32.87 3.21 -9.59	37.33 3.51 -13.04	57.38 3.25 -34.80	66.94 3.85 -39.76	64.56 4.23 -34.85	47.16 3.64 -21.73	37.07 3.39 -13.77	34.12 3.32 -8.38	26.85 3.12 -2.20
EAST RIVER___6 23660	23.15 0.87 -11.94	21.25 1.03 -7.86	20.28 1.05 -5.72	19.73 0.85 -8.14	20.97 0.88 -8.32	24.81 0.97 -10.88	39.00 1.58 -19.09	56.11 2.60 -24.64	38.80 1.90 -16.28	31.20 1.83 -9.42	33.38 2.01 -11.86	33.07 2.19 -9.83	31.54 2.14 -8.65	33.38 2.12 -10.67	34.94 2.09 -12.57	34.47 2.03 -12.37	33.84 2.12 -10.95	53.97 1.97 -32.66	66.64 2.36 -40.96	43.08 2.52 -15.08	33.93 2.11 -10.02	32.27 1.93 -10.42	24.79 2.15 -0.21	23.68 1.96 -0.19
EAST RIVER___7 23524	23.15 0.87 -11.94	21.25 1.03 -7.86	20.28 1.05 -5.72	19.73 0.85 -8.14	20.97 0.88 -8.32	24.81 0.97 -10.88	39.00 1.58 -19.09	56.11 2.60 -24.64	38.80 1.90 -16.28	31.20 1.83 -9.42	33.38 2.01 -11.86	33.07 2.19 -9.83	31.54 2.14 -8.65	33.38 2.12 -10.67	34.94 2.09 -12.57	34.47 2.03 -12.37	33.84 2.12 -10.95	53.97 1.97 -32.66	66.64 2.36 -40.96	43.08 2.52 -15.08	33.93 2.11 -10.02	32.27 1.93 -10.42	24.79 2.15 -0.21	23.68 1.96 -0.19
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.00 0.74 -11.92	21.09 0.88 -7.85	20.12 0.91 -5.71	19.60 0.73 -8.12	20.84 0.77 -8.31	24.69 0.87 -10.87	38.75 1.36 -19.07	55.67 2.19 -24.61	38.44 1.57 -16.25	30.87 1.52 -9.40	28.74 1.70 -7.53	24.63 1.85 -1.73	23.35 1.81 -0.80	24.88 1.77 -2.52	27.93 1.76 -5.89	31.24 1.71 -9.46	33.45 1.77 -10.92	43.59 1.64 -22.62	62.16 1.98 -36.85	42.66 2.14 -15.04	33.61 1.81 -10.01	31.92 1.61 -10.39	24.42 1.79 -0.19	23.33 1.61 -0.19
EAST_HAMPTON___DIESEL 23722	24.98 1.46 -13.18	22.53 1.73 -8.44	21.45 1.88 -6.06	22.19 1.50 -9.94	22.76 1.55 -9.43	27.25 1.74 -12.56	39.85 2.44 -19.09	57.78 4.27 -24.64	40.15 3.26 -16.27	32.22 2.81 -9.46	30.48 3.32 -7.66	28.33 3.64 -3.64	27.60 3.11 -3.73	28.70 3.54 -4.57	30.12 3.47 -6.38	32.87 3.21 -9.59	37.35 3.53 -13.04	57.38 3.25 -34.80	66.94 3.85 -39.76	64.56 4.23 -34.85	47.16 3.64 -21.73	37.07 3.39 -13.77	34.12 3.32 -8.38	26.85 3.12 -2.20
EAST_PULASKI___ESR 323781	12.01 -0.04 -1.71	13.08 -0.05 -0.77	13.77 -0.01 -0.27	11.58 -0.02 -0.85	12.62 0.00 -0.85	14.11 0.00 -1.16	20.73 0.04 -2.37	31.74 0.03 -2.84	22.39 -0.04 -1.80	20.51 -0.06 -0.31	19.65 -0.16 -0.31	20.57 -0.19 0.28	20.69 -0.19 -0.13	20.82 -0.16 -0.40	21.01 -0.20 -0.94	21.37 -0.20 -1.50	22.01 -0.17 -1.40	22.52 -0.10 -3.29	29.17 -0.12 -5.96	27.78 -0.13 -2.43	22.63 -0.15 -0.99	20.87 -0.10 -1.05	21.76 -0.04 0.63	20.92 0.00 0.60
EAST_RIVER___1 323558	23.13 0.85 -11.94	21.21 0.99 -7.86	20.25 1.03 -5.72	19.71 0.83 -8.14	20.95 0.86 -8.32	24.79 0.96 -10.88	38.96 1.54 -19.09	56.02 2.51 -24.64	38.72 1.82 -16.28	31.12 1.76 -9.42	33.32 1.95 -11.86	32.99 2.10 -9.83	31.43 2.03 -8.65	33.32 2.06 -10.67	34.88 2.03 -12.57	34.39 1.95 -12.37	33.76 2.04 -10.95	53.89 1.90 -32.66	66.55 2.26 -40.96	43.00 2.45 -15.08	33.89 2.07 -10.02	32.23 1.89 -10.42	24.70 2.06 -0.21	23.61 1.89 -0.19
EAST_RIVER___2 323559	23.15 0.87 -11.94	21.25 1.03 -7.86	20.28 1.05 -5.72	19.73 0.85 -8.14	20.97 0.88 -8.32	24.81 0.97 -10.88	39.00 1.58 -19.09	56.11 2.60 -24.64	38.80 1.90 -16.28	31.20 1.83 -9.42	33.38 2.01 -11.86	33.07 2.19 -9.83	31.54 2.14 -8.65	33.38 2.12 -10.67	34.94 2.09 -12.57	34.47 2.03 -12.37	33.84 2.12 -10.95	53.97 1.97 -32.66	66.64 2.36 -40.96	43.08 2.52 -15.08	33.93 2.11 -10.02	32.27 1.93 -10.42	24.79 2.15 -0.21	23.68 1.96 -0.19
EAST___DELAWARE_HYD 23607	21.47 0.72 -10.41	20.06 0.84 -6.86	19.39 0.89 -4.98	18.57 0.73 -7.10	19.79 0.76 -7.26	23.31 0.87 -9.49	36.35 1.38 -16.65	52.00 1.99 -21.14	36.14 1.36 -14.15	29.25 1.26 -8.04	27.29 1.38 -6.40	24.03 1.54 -1.45	22.97 1.54 -0.68	24.22 1.48 -2.14	26.78 1.48 -5.02	29.60 1.49 -8.04	31.68 1.52 -9.39	40.30 1.39 -19.58	56.68 1.77 -31.58	40.30 1.94 -12.89	32.01 1.61 -8.60	30.23 1.45 -8.86	24.26 1.66 -0.17	23.22 1.53 -0.17
EIGHT_POINT___WT_PWR 323820	14.44 0.18 -3.93	15.18 0.23 -2.59	15.68 0.28 -1.88	13.66 0.24 -2.68	14.80 0.29 -2.74	16.87 0.34 -3.58	25.12 0.51 -6.28	37.29 0.61 -7.81	26.52 0.58 -5.32	23.49 0.58 -2.96	22.42 0.58 -2.33	22.22 0.65 -0.51	21.65 0.64 -0.25	21.99 0.62 -0.78	22.72 0.61 -1.83	23.65 0.64 -2.93	25.00 0.75 -3.48	27.32 0.68 -7.31	35.53 0.56 -11.65	31.02 0.79 -4.75	25.72 0.74 -3.18	23.74 0.58 -3.24	23.14 0.65 -0.06	22.36 0.77 -0.06
ELBRIDGE_115KV_TB2 80188	13.40 0.20 -2.87	14.48 0.23 -1.89	15.15 0.27 -1.37	12.91 0.21 -1.95	14.01 0.25 -2.00	15.82 0.26 -2.61	23.31 0.40 -4.58	35.18 0.61 -5.70	24.96 0.45 -3.88	22.55 0.44 -2.16	21.61 0.41 -1.70	21.84 0.42 -0.37	21.33 0.39 -0.18	21.57 0.41 -0.57	22.02 0.41 -1.33	22.62 0.42 -2.13	23.78 0.48 -2.53	25.07 0.43 -5.31	32.23 0.44 -8.46	29.46 0.54 -3.45	24.60 0.48 -2.32	22.72 0.44 -2.36	22.92 0.45 -0.05	22.05 0.47 -0.05
ELEC_TRO_TEK 24086	24.43 0.91 -13.18	21.86 1.08 -8.43	20.64 1.12 -6.01	21.55 0.91 -9.89	22.15 0.95 -9.42	26.58 1.07 -12.56	38.99 1.58 -19.09	56.08 2.57 -24.64	38.75 1.86 -16.27	31.22 1.86 -9.41	29.08 2.03 -7.54	26.85 2.21 -3.60	26.66 2.22 -3.69	27.19 2.08 -4.53	28.31 2.13 -5.90	31.51 1.97 -9.47	33.81 2.10 -10.94	43.96 1.93 -22.69	62.56 2.33 -36.90	43.14 2.52 -15.14	34.04 2.18 -10.06	32.31 1.97 -10.42	28.85 2.15 -4.27	25.69 1.96 -2.20
ELLENBURG_WT_PWR 323604	4.76 -0.49 5.09	2.36 -0.66 9.34	0.98 -0.85 11.68	1.30 -0.67 8.78	1.77 -0.74 9.26	0.68 -0.89 11.38	-0.22 -1.41 17.14	-7.00 -2.08 33.79	-7.02 -1.55 26.10	-7.00 -1.56 25.40	-0.27 -1.44 18.33	10.36 -1.43 9.25	19.13 -1.62 0.00	19.06 -1.52 0.00	18.84 -1.44 0.00	18.70 -1.37 0.00	13.01 -1.41 6.35	10.49 -1.22 7.62	22.33 -1.00 0.00	24.18 -1.30 0.00	9.79 -1.02 10.98	8.51 -0.98 10.43	9.99 -1.17 11.27	9.51 -1.18 10.83
ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.73 0.01 -3.38	14.63 0.04 -2.23	15.13 0.00 -1.62	13.05 0.00 -2.31	14.13 0.00 -2.36	16.01 -0.03 -3.08	23.48 -0.26 -5.41	34.96 -0.64 -6.73	24.92 -0.29 -4.58	22.26 -0.24 -2.55	21.41 -0.10 -2.01	21.45 -0.04 -0.44	20.82 -0.15 -0.22	21.28 0.02 -0.68	21.84 -0.02 -1.58	22.56 -0.04 -2.53	23.75 -0.02 -2.99	25.49 -0.14 -6.29	32.87 -0.49 -10.03	29.31 -0.25 -4.09	24.45 -0.09 -2.74	22.67 -0.04 -2.79	22.37 -0.11 -0.05	21.73 0.15 -0.05
EMPIRE_CC_1 323656	24.78 0.47 -13.98	22.13 0.57 -9.21	20.81 0.61 -6.69	20.76 0.48 -9.53	22.05 0.54 -9.74	26.32 0.62 -12.74	41.53 0.84 -22.36	56.06 1.33 -25.86	40.31 0.97 -18.71	30.44 0.90 -9.59	27.79 0.97 -7.31	23.59 1.07 -1.47	22.60 1.04 -0.81	24.13 1.05 -2.49	27.13 1.03 -5.82	30.31 1.02 -9.22	33.39 1.06 -11.56	45.35 1.00 -25.01	62.61 1.19 -38.10	42.27 1.30 -15.50	33.48 1.11 -10.57	31.23 0.98 -10.33	23.71 1.05 -0.23	22.72 0.97 -0.23

EMPIRE_CC_2 323658	24.78 0.47 -13.98	22.13 0.57 -9.21	20.81 0.61 -6.69	20.76 0.48 -9.53	22.05 0.54 -9.74	26.32 0.62 -12.74	41.53 0.84 -22.36	56.06 1.33 -25.86	40.31 0.97 -18.71	30.44 0.90 -9.59	27.79 0.97 -7.31	23.59 1.07 -1.47	22.60 1.04 -0.81	24.13 1.05 -2.49	27.13 1.03 -5.82	30.31 1.02 -9.22	33.39 1.06 -11.56	45.35 1.00 -25.01	62.61 1.19 -38.10	42.27 1.30 -15.50	33.48 1.11 -10.57	31.23 0.98 -10.33	23.71 1.05 -0.23	22.72 0.97 -0.23
ENORWICH_115KV_TB1 80156	16.44 0.74 -5.36	16.79 0.90 -3.53	17.06 0.99 -2.56	15.18 0.78 -3.65	16.42 0.92 -3.73	18.88 1.05 -4.88	28.62 1.72 -8.57	42.32 2.80 -10.65	29.76 1.88 -7.26	25.62 1.64 -4.03	24.20 1.52 -3.18	23.37 1.62 -0.70	22.59 1.49 -0.34	23.24 1.59 -1.07	24.24 1.46 -2.50	25.64 1.57 -4.00	27.22 1.70 -4.74	31.10 1.80 -9.97	41.48 2.26 -15.88	34.38 2.42 -6.48	28.05 1.92 -4.34	25.97 1.63 -4.42	24.24 1.73 -0.09	23.29 1.68 -0.09
ERIE_ST__34_KV_TB1-2 80199	13.69 -0.08 -3.44	14.54 -0.09 -2.26	15.03 -0.12 -1.65	12.99 -0.10 -2.34	14.06 -0.11 -2.40	15.94 -0.14 -3.13	23.44 -0.38 -5.49	34.95 -0.75 -6.83	24.91 -0.37 -4.66	22.22 -0.32 -2.59	21.39 -0.16 -2.04	21.39 -0.11 -0.45	20.76 -0.21 -0.22	21.23 -0.04 -0.69	21.80 -0.08 -1.61	22.56 -0.08 -2.57	23.75 -0.06 -3.04	25.57 -0.15 -6.39	33.03 -0.49 -10.19	29.35 -0.28 -4.15	24.45 -0.13 -2.78	22.63 -0.12 -2.84	22.57 0.09 -0.06	21.93 0.34 -0.06
ERIE_WT_PWR 323693	13.78 0.02 -3.42	14.66 0.05 -2.25	15.16 0.01 -1.64	13.10 0.02 -2.33	14.16 0.01 -2.38	16.05 -0.01 -3.12	23.59 -0.20 -5.46	35.12 -0.55 -6.80	25.05 -0.21 -4.63	22.36 -0.16 -2.57	21.51 -0.02 -2.03	21.54 0.04 -0.45	20.99 0.02 -0.22	21.33 0.06 -0.68	21.92 0.04 -1.60	22.68 0.06 -2.55	23.88 0.08 -3.03	25.65 -0.04 -6.36	33.09 -0.37 -10.13	29.48 -0.13 -4.13	24.56 0.00 -2.77	22.70 -0.04 -2.82	22.51 0.02 -0.06	21.86 0.28 -0.06
ESPRGFLD_115KV_TB1 80157	18.23 0.58 -7.31	17.87 0.69 -4.81	17.77 0.76 -3.50	16.33 0.60 -4.98	17.52 0.66 -5.09	20.35 0.74 -6.66	31.17 1.15 -11.69	45.25 1.85 -14.53	31.83 1.30 -9.90	26.67 1.22 -5.50	25.09 1.25 -4.34	23.37 1.37 -0.96	22.50 1.29 -0.47	23.36 1.32 -1.46	24.93 1.24 -3.41	26.79 1.26 -5.46	28.57 1.33 -6.47	34.20 1.28 -13.59	46.52 1.54 -21.65	35.99 1.68 -8.83	29.13 1.42 -5.92	27.16 1.22 -6.03	23.85 1.30 -0.12	22.87 1.23 -0.12
ETNA_115_KV_TB1_REV_LBMP_C 345029	14.90 0.39 -4.17	15.59 0.48 -2.74	16.05 0.54 -1.99	14.02 0.43 -2.84	15.16 0.48 -2.90	17.28 0.53 -3.80	25.83 0.84 -6.66	38.54 1.39 -8.28	27.22 0.95 -5.64	23.96 0.88 -3.14	22.80 0.82 -2.47	22.44 0.84 -0.55	21.81 0.79 -0.27	22.29 0.86 -0.83	23.04 0.81 -1.95	24.01 0.82 -3.12	25.40 0.93 -3.70	28.01 0.91 -7.77	36.76 1.05 -12.38	31.70 1.17 -5.05	26.17 1.00 -3.37	24.23 0.88 -3.44	23.44 0.94 -0.07	22.54 0.95 -0.07
ETNA_____115KV_TB2 80207	14.90 0.39 -4.17	15.59 0.48 -2.74	16.05 0.54 -1.99	14.02 0.43 -2.84	15.16 0.48 -2.90	17.28 0.53 -3.80	25.83 0.84 -6.66	38.54 1.39 -8.28	27.22 0.95 -5.64	23.96 0.88 -3.14	22.80 0.82 -2.47	22.44 0.84 -0.55	21.81 0.79 -0.27	22.29 0.86 -0.83	23.04 0.81 -1.95	24.01 0.82 -3.12	25.40 0.93 -3.70	28.01 0.91 -7.77	36.76 1.05 -12.38	31.70 1.17 -5.05	26.17 1.00 -3.37	24.23 0.88 -3.44	23.44 0.94 -0.07	22.54 0.95 -0.07
EUCLID___115KV_TB2 356179	12.83 0.03 -2.46	14.02 0.04 -1.62	14.74 0.05 -1.18	12.47 0.04 -1.68	13.55 0.06 -1.72	15.25 0.05 -2.25	22.36 0.09 -3.94	33.89 0.12 -4.90	24.05 0.08 -3.34	21.91 0.10 -1.85	21.01 0.04 -1.46	21.41 0.04 -0.32	20.95 0.04 -0.16	21.16 0.08 -0.49	21.47 0.04 -1.15	21.95 0.04 -1.84	23.01 0.06 -2.18	23.95 0.04 -4.58	30.60 -0.02 -7.29	28.48 0.03 -2.97	23.84 0.04 -2.00	22.01 0.06 -2.03	22.54 0.07 -0.04	21.67 0.11 -0.04
E_CANADA_CAP_HY 24051	25.76 0.52 -14.90	22.81 0.64 -9.81	21.39 0.74 -7.13	21.45 0.55 -10.15	22.83 0.67 -10.39	27.34 0.80 -13.58	43.57 1.41 -23.83	60.10 2.31 -28.92	42.23 1.50 -20.10	31.98 1.16 -10.87	29.08 1.09 -8.48	23.90 1.03 -1.82	22.56 0.89 -0.92	24.52 1.07 -2.86	28.11 1.13 -6.69	31.87 1.12 -10.68	34.93 1.27 -12.88	48.08 1.41 -27.34	68.02 1.77 -42.92	44.83 1.86 -17.49	35.22 1.64 -11.79	33.18 1.41 -11.85	23.88 1.21 -0.24	22.74 0.97 -0.24
E_CANADA_MHWK_HY 24050	11.24 0.30 -0.60	13.47 0.36 -0.75	14.76 0.40 -0.84	11.80 0.32 -0.73	12.90 0.37 -0.76	14.32 0.41 -0.95	20.29 0.62 -1.34	31.45 0.81 -1.77	22.54 0.58 -1.33	21.76 0.68 -1.13	21.10 0.53 -1.07	22.21 0.57 -0.59	21.48 0.71 -0.02	21.22 0.58 -0.06	20.96 0.55 -0.14	20.79 0.50 -0.22	21.91 0.50 -0.64	20.80 0.46 -1.01	24.76 0.56 -0.87	26.42 0.59 -0.36	23.16 0.46 -0.90	21.25 0.46 -0.87	23.77 0.65 -0.69	22.83 0.65 -0.66
E_FISHKILL___LBMP 23776	23.09 0.64 -12.11	21.10 0.77 -7.97	20.11 0.80 -5.80	19.64 0.64 -8.25	20.88 0.67 -8.44	24.74 0.75 -11.04	38.85 1.15 -19.37	55.74 1.88 -24.99	38.47 1.34 -16.51	30.78 1.28 -9.55	28.60 1.44 -7.65	24.38 1.58 -1.76	23.10 1.54 -0.81	24.67 1.52 -2.56	27.76 1.50 -5.98	31.14 1.47 -9.61	33.38 1.52 -11.09	43.69 1.39 -22.97	62.43 1.68 -37.42	42.59 1.83 -15.27	33.53 1.57 -10.16	31.86 1.39 -10.55	24.15 1.53 -0.20	23.12 1.40 -0.20
FALCON___SEABRD_CC1 323796	4.87 -0.39 5.07	2.51 -0.53 9.32	1.12 -0.74 11.65	1.42 -0.57 8.76	1.90 -0.64 9.24	0.82 -0.78 11.35	-0.15 -1.36 17.12	-6.93 -1.93 33.87	-6.97 -1.44 26.15	-6.97 -1.48 25.45	-0.17 -1.35 18.32	10.47 -1.56 9.23	19.19 -1.46 0.00	19.13 -1.46 0.00	18.92 -1.36 0.00	18.78 -1.28 0.00	13.11 -1.33 6.34	10.58 -1.14 7.60	22.56 -0.77 0.00	24.43 -1.05 0.00	10.02 -0.83 10.95	8.72 -0.80 10.40	10.20 -0.99 11.24	9.69 -1.03 10.80
FALCON___SEABRD_CC2 323797	4.87 -0.39 5.07	2.51 -0.53 9.32	1.12 -0.74 11.65	1.42 -0.57 8.76	1.90 -0.64 9.24	0.82 -0.78 11.35	-0.15 -1.36 17.12	-6.93 -1.93 33.87	-6.97 -1.44 26.15	-6.97 -1.48 25.45	-0.17 -1.35 18.32	10.47 -1.56 9.23	19.19 -1.46 0.00	19.13 -1.46 0.00	18.92 -1.36 0.00	18.78 -1.28 0.00	13.11 -1.33 6.34	10.58 -1.14 7.60	22.56 -0.77 0.00	24.43 -1.05 0.00	10.02 -0.83 10.95	8.72 -0.80 10.40	10.20 -0.99 11.24	9.69 -1.03 10.80
FAR ROCKAWAY___4 23548	24.54 1.02 -13.18	22.00 1.21 -8.43	20.79 1.27 -6.01	21.67 1.03 -9.89	22.27 1.07 -9.42	26.71 1.20 -12.56	39.21 1.80 -19.09	56.36 2.86 -24.64	38.94 2.04 -16.27	31.40 2.04 -9.41	29.29 2.24 -7.54	27.06 2.42 -3.60	26.81 2.37 -3.69	27.44 2.33 -4.53	28.49 2.31 -5.90	31.67 2.13 -9.47	34.03 2.33 -10.93	44.17 2.16 -22.67	62.84 2.61 -36.90	43.44 2.85 -15.10	34.28 2.44 -10.04	32.56 2.23 -10.41	29.14 2.44 -4.26	25.95 2.22 -2.20
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.13 0.85 -11.94	21.21 0.99 -7.86	20.25 1.03 -5.72	19.71 0.83 -8.14	20.93 0.84 -8.32	24.79 0.96 -10.88	38.94 1.52 -19.09	56.02 2.51 -24.64	38.72 1.81 -16.28	31.12 1.76 -9.42	33.31 1.93 -11.88	33.01 2.10 -9.86	31.48 2.05 -8.67	33.33 2.04 -10.70	34.88 2.01 -12.59	34.40 1.95 -12.38	33.73 2.02 -10.95	53.90 1.87 -32.70	66.56 2.26 -40.97	43.00 2.45 -15.08	33.89 2.07 -10.02	32.21 1.87 -10.42	24.70 2.06 -0.21	23.59 1.87 -0.19

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.13 0.85 -11.94	21.21 0.99 -7.86	20.25 1.03 -5.72	19.71 0.83 -8.14	20.94 0.85 -8.32	24.79 0.96 -10.88	38.94 1.52 -19.09	56.02 2.51 -24.64	38.72 1.81 -16.28	31.12 1.76 -9.42	33.31 1.93 -11.88	33.01 2.10 -9.86	31.48 2.05 -8.67	33.33 2.04 -10.70	34.88 2.01 -12.59	34.40 1.95 -12.38	33.76 2.04 -10.95	53.90 1.87 -32.70	66.56 2.26 -40.97	43.03 2.47 -15.08	33.91 2.09 -10.02	32.21 1.87 -10.42	24.70 2.06 -0.21	23.61 1.89 -0.19
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.11 0.84 -11.94	21.20 0.98 -7.86	20.24 1.01 -5.72	19.70 0.82 -8.14	20.93 0.84 -8.32	24.79 0.96 -10.88	38.94 1.52 -19.09	56.00 2.48 -24.64	38.69 1.79 -16.28	31.12 1.76 -9.42	33.31 1.93 -11.88	32.99 2.08 -9.86	31.48 2.05 -8.67	33.30 2.02 -10.70	34.88 2.01 -12.59	34.38 1.93 -12.38	33.73 2.02 -10.95	53.90 1.87 -32.70	66.54 2.24 -40.97	43.00 2.45 -15.08	33.89 2.07 -10.02	32.19 1.85 -10.42	24.68 2.04 -0.21	23.59 1.87 -0.19
FARRAGUT___LBMP 323566	23.11 0.84 -11.94	21.20 0.98 -7.86	20.24 1.01 -5.72	19.70 0.82 -8.14	20.91 0.82 -8.32	24.78 0.95 -10.88	38.92 1.50 -19.09	56.00 2.48 -24.64	38.69 1.79 -16.28	31.10 1.74 -9.42	33.29 1.91 -11.88	32.99 2.08 -9.86	31.46 2.03 -8.67	33.28 2.00 -10.70	34.86 1.99 -12.59	34.38 1.93 -12.38	33.71 1.99 -10.95	53.88 1.86 -32.70	66.54 2.24 -40.97	42.98 2.42 -15.08	33.86 2.05 -10.02	32.17 1.83 -10.42	24.68 2.04 -0.21	23.57 1.85 -0.19
FENNER___WINDPWR 24204	13.03 0.28 -2.41	14.28 0.33 -1.59	15.06 0.39 -1.16	12.69 0.30 -1.64	13.81 0.35 -1.68	15.55 0.40 -2.20	22.83 0.64 -3.86	34.65 0.98 -4.80	24.55 0.66 -3.27	22.43 0.66 -1.82	21.46 0.53 -1.43	21.93 0.57 -0.32	21.51 0.60 -0.15	21.58 0.51 -0.48	21.91 0.51 -1.13	22.41 0.54 -1.80	23.51 0.60 -2.14	24.46 0.64 -4.49	31.28 0.79 -7.15	29.24 0.84 -2.92	24.40 0.65 -1.95	22.47 0.56 -1.99	23.14 0.67 -0.04	22.21 0.65 -0.04
FIBERTEK___ENERGY 23856	13.27 0.20 -2.74	14.40 0.23 -1.80	15.09 0.27 -1.31	12.83 0.21 -1.86	13.92 0.25 -1.91	15.70 0.26 -2.49	23.10 0.40 -4.37	34.92 0.61 -5.44	24.76 0.43 -3.70	22.43 0.42 -2.06	21.50 0.37 -1.62	21.80 0.40 -0.36	21.30 0.37 -0.17	21.56 0.43 -0.54	21.92 0.37 -1.27	22.49 0.38 -2.04	23.62 0.44 -2.41	24.79 0.39 -5.07	31.83 0.42 -8.08	29.26 0.48 -3.29	24.42 0.41 -2.21	22.57 0.40 -2.26	22.92 0.45 -0.04	22.04 0.47 -0.04
FITZPATRICK____ 23598	11.96 -0.17 -1.78	13.34 -0.20 -1.17	14.15 -0.22 -0.85	11.79 -0.17 -1.22	12.84 -0.18 -1.24	14.37 -0.21 -1.63	20.87 -0.31 -2.85	31.90 -0.52 -3.55	22.69 -0.35 -2.42	20.97 -0.32 -1.34	20.13 -0.43 -1.06	20.82 -0.46 -0.23	20.45 -0.41 -0.11	20.51 -0.43 -0.36	20.68 -0.43 -0.83	20.98 -0.42 -1.33	21.91 -0.44 -1.58	22.22 -0.43 -3.32	28.08 -0.54 -5.28	27.07 -0.56 -2.15	22.78 -0.46 -1.45	20.99 -0.40 -1.47	22.05 -0.40 -0.03	21.23 -0.32 -0.03
FLOWRFLD_69_KV_BK1 356044	24.63 1.11 -13.18	22.10 1.31 -8.43	20.96 1.39 -6.06	21.80 1.12 -9.94	22.36 1.17 -9.42	26.83 1.32 -12.56	39.21 1.80 -19.09	56.60 3.09 -24.64	39.25 2.35 -16.27	31.83 2.41 -9.46	29.70 2.52 -7.68	27.51 2.82 -3.64	27.38 2.88 -3.74	27.64 2.47 -4.58	29.43 2.68 -6.47	32.13 2.45 -9.62	36.85 2.62 -13.46	58.94 2.42 -37.20	66.52 2.87 -40.32	67.36 3.13 -38.74	48.53 2.70 -24.03	36.80 2.45 -14.43	34.15 2.53 -9.19	26.14 2.41 -2.20
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.95 0.73 -11.88	21.03 0.85 -7.82	20.10 0.91 -5.69	19.57 0.73 -8.09	20.80 0.75 -8.28	24.63 0.85 -10.83	38.68 1.36 -18.99	55.30 2.14 -24.29	38.30 1.51 -16.16	30.55 1.34 -9.26	28.48 1.58 -7.39	24.43 1.70 -1.68	23.20 1.66 -0.78	24.71 1.65 -2.47	27.73 1.66 -5.79	31.00 1.65 -9.29	33.22 1.66 -10.78	43.28 1.53 -22.42	61.59 1.94 -36.33	42.39 2.09 -14.83	33.42 1.74 -9.88	31.67 1.53 -10.21	24.30 1.68 -0.19	23.25 1.53 -0.19
FORT ORANGE____ 23900	24.99 0.28 -14.37	22.16 0.33 -9.46	20.75 0.36 -6.88	20.81 0.27 -9.79	22.08 0.29 -10.01	26.36 0.31 -13.10	41.80 0.50 -22.98	57.61 0.84 -27.90	40.67 0.66 -19.38	31.01 0.56 -10.50	28.30 0.61 -8.19	23.48 0.67 -1.76	22.30 0.66 -0.89	23.99 0.64 -2.77	27.37 0.63 -6.46	31.06 0.68 -10.31	33.91 0.71 -12.43	46.42 0.72 -26.38	65.64 0.89 -41.42	43.30 0.94 -16.88	33.98 0.81 -11.38	32.00 0.64 -11.44	23.36 0.70 -0.23	22.38 0.62 -0.23
FORT_DRUM_COGEN 23780	10.62 -0.12 -0.41	11.34 -0.15 0.87	11.91 -0.04 1.56	9.96 -0.05 0.73	10.94 -0.02 0.80	12.04 0.00 0.91	18.00 0.07 0.40	28.70 0.12 0.29	19.98 -0.08 0.56	18.41 -0.20 1.34	17.31 -0.33 1.86	19.13 -0.34 1.58	20.44 -0.39 -0.09	20.39 -0.47 -0.27	20.47 -0.45 -0.64	20.72 -0.38 -1.03	20.45 -0.33 -0.01	20.34 -0.10 -1.11	27.45 0.05 -4.07	27.11 -0.03 -1.66	20.62 -0.22 0.95	18.87 -0.22 0.83	20.24 -0.09 2.10	19.44 -0.06 2.02
FPL_FAR_ROCK_GT1 24212	24.54 1.02 -13.18	22.01 1.21 -8.44	20.80 1.27 -6.02	21.68 1.03 -9.90	22.28 1.08 -9.43	26.73 1.22 -12.56	39.21 1.80 -19.09	56.37 2.86 -24.64	38.94 2.04 -16.27	31.38 2.01 -9.41	29.29 2.24 -7.54	27.06 2.42 -3.60	26.77 2.32 -3.69	27.46 2.35 -4.53	28.49 2.31 -5.90	31.67 2.13 -9.47	34.01 2.31 -10.93	44.17 2.16 -22.67	62.84 2.61 -36.90	43.43 2.85 -15.10	34.28 2.44 -10.04	32.60 2.27 -10.41	29.14 2.45 -4.26	25.95 2.22 -2.20
FPL_FAR_ROCK_GT2 23815	24.54 1.02 -13.18	22.01 1.21 -8.44	20.80 1.27 -6.02	21.68 1.03 -9.90	22.28 1.08 -9.43	26.73 1.22 -12.56	39.21 1.80 -19.09	56.37 2.86 -24.64	38.94 2.04 -16.27	31.38 2.01 -9.41	29.29 2.24 -7.54	27.06 2.42 -3.60	26.77 2.32 -3.69	27.46 2.35 -4.53	28.49 2.31 -5.90	31.67 2.13 -9.47	34.01 2.31 -10.93	44.17 2.16 -22.67	62.84 2.61 -36.90	43.43 2.85 -15.10	34.28 2.44 -10.04	32.60 2.27 -10.41	29.14 2.45 -4.26	25.95 2.22 -2.20
FRANKLIN_FALL_HYD 24054	5.42 -0.43 4.48	3.28 -0.57 8.51	2.06 -0.73 10.72	2.20 -0.57 7.98	2.72 -0.62 8.43	1.86 -0.75 10.34	6.03 -1.19 11.10	19.21 -1.76 7.90	12.54 -1.34 6.74	11.88 -1.28 6.79	6.82 -1.27 11.42	11.20 -1.30 8.55	19.38 -1.39 -0.01	19.17 -1.46 -0.05	19.07 -1.32 -0.11	18.98 -1.26 -0.17	13.76 -1.33 5.68	11.57 -1.12 6.64	23.06 -0.96 -0.68	24.51 -1.25 -0.28	10.80 -1.02 9.97	9.50 -0.96 9.46	10.93 -1.08 10.42	10.46 -1.05 10.01
FREEPORT_EQUS_GT1 23764	24.51 0.99 -13.18	21.97 1.17 -8.44	20.76 1.23 -6.02	21.64 1.00 -9.90	22.25 1.05 -9.43	26.69 1.18 -12.56	39.10 1.68 -19.09	56.25 2.74 -24.64	38.92 2.02 -16.27	31.28 1.92 -9.41	29.21 2.16 -7.54	27.04 2.40 -3.60	26.68 2.24 -3.69	27.46 2.35 -4.53	28.49 2.31 -5.90	31.67 2.13 -9.47	33.98 2.26 -10.95	44.19 2.11 -22.75	62.76 2.52 -36.91	43.46 2.75 -15.23	34.29 2.38 -10.12	32.56 2.21 -10.43	29.07 2.35 -4.29	25.88 2.15 -2.20
FREEPORT___CT2 23818	24.51 0.99 -13.18	21.97 1.17 -8.44	20.76 1.23 -6.02	21.64 1.00 -9.90	22.25 1.05 -9.43	26.69 1.18 -12.56	39.10 1.68 -19.09	56.25 2.74 -24.64	38.92 2.02 -16.27	31.28 1.92 -9.41	29.21 2.16 -7.54	27.04 2.40 -3.60	26.68 2.24 -3.69	27.46 2.35 -4.53	28.49 2.31 -5.90	31.67 2.13 -9.47	33.98 2.26 -10.95	44.19 2.11 -22.75	62.76 2.52 -36.91	43.46 2.75 -15.23	34.29 2.38 -10.12	32.56 2.21 -10.43	29.07 2.35 -4.29	25.88 2.15 -2.20

FRESHKLS_33_KV_LOAD 356253	23.30 1.02 -11.94	21.46 1.24 -7.86	20.51 1.28 -5.72	19.93 1.04 -8.14	21.15 1.06 -8.32	24.92 1.09 -10.88	38.70 1.28 -19.09	55.65 2.14 -24.64	38.49 1.59 -16.28	30.88 1.52 -9.42	33.11 1.74 -11.87	32.77 1.87 -9.85	31.26 1.83 -8.68	33.09 1.81 -10.69	34.69 1.83 -12.58	34.21 1.77 -12.37	33.51 1.79 -10.95	53.70 1.68 -32.69	66.37 2.08 -40.96	42.77 2.22 -15.08	33.71 1.90 -10.02	32.25 1.91 -10.42	24.95 2.31 -0.21	23.94 2.22 -0.19
FULTON COGEN____ 23766	12.55 0.00 -2.21	13.82 0.00 -1.46	14.58 0.01 -1.06	12.26 0.01 -1.51	13.33 0.02 -1.54	14.99 0.03 -2.02	21.90 0.04 -3.54	33.24 -0.03 -4.40	23.60 -0.02 -3.00	21.62 0.00 -1.66	20.72 -0.10 -1.31	21.23 -0.11 -0.29	20.79 -0.10 -0.14	21.01 -0.02 -0.44	21.21 -0.10 -1.03	21.62 -0.10 -1.65	22.64 -0.08 -1.95	23.36 -0.08 -4.11	29.73 -0.14 -6.54	28.02 -0.13 -2.67	23.50 -0.09 -1.79	21.68 -0.06 -1.82	22.49 0.02 -0.04	21.63 0.06 -0.04
FULTON____LFGE 323630	26.12 0.88 -14.90	23.24 1.06 -9.81	21.87 1.23 -7.13	21.81 0.91 -10.15	23.25 1.09 -10.39	27.79 1.26 -13.58	44.28 2.12 -23.83	60.79 3.00 -28.92	42.71 1.98 -20.10	32.66 1.83 -10.87	29.39 1.41 -8.48	24.25 1.39 -1.82	23.23 1.56 -0.92	24.94 1.48 -2.86	28.53 1.56 -6.69	32.39 1.65 -10.68	35.51 1.85 -12.88	48.65 1.97 -27.34	68.68 2.43 -42.92	45.49 2.52 -17.49	35.79 2.20 -11.79	33.58 1.81 -11.85	24.62 1.95 -0.24	23.40 1.64 -0.24
G.F.CEMENT____DRP 24184	25.82 0.66 -14.82	22.92 0.80 -9.76	21.59 0.99 -7.09	21.60 0.75 -10.10	23.06 0.97 -10.33	27.56 1.10 -13.51	43.73 1.70 -23.70	60.20 2.74 -28.58	42.53 1.94 -19.97	32.48 1.80 -10.73	29.58 1.74 -8.34	24.57 1.75 -1.77	23.36 1.70 -0.91	25.08 1.67 -2.82	28.53 1.66 -6.59	32.32 1.75 -10.51	35.18 1.66 -12.74	48.04 1.60 -27.11	67.67 1.96 -42.38	44.83 2.09 -17.27	35.26 1.81 -11.66	33.05 1.45 -11.68	24.15 1.48 -0.24	23.08 1.31 -0.24
GARDENVILLE____LBMP 24039	13.76 0.00 -3.42	14.64 0.02 -2.25	15.13 -0.01 -1.64	13.08 0.00 -2.33	14.15 0.00 -2.38	16.03 -0.04 -3.12	23.54 -0.26 -5.47	35.06 -0.61 -6.80	24.99 -0.27 -4.63	22.31 -0.22 -2.57	21.46 -0.08 -2.03	21.47 -0.02 -0.45	20.85 -0.12 -0.22	21.31 0.04 -0.68	21.88 0.00 -1.60	22.60 -0.02 -2.55	23.82 0.02 -3.03	25.60 -0.10 -6.36	33.02 -0.44 -10.14	29.41 -0.20 -4.13	24.52 -0.04 -2.77	22.72 -0.02 -2.82	22.44 -0.04 -0.06	21.80 0.22 -0.06
GARDNVLA_35_KV_LD 355827	13.80 0.04 -3.42	14.67 0.06 -2.25	15.19 0.04 -1.64	13.11 0.03 -2.33	14.19 0.04 -2.38	16.07 0.00 -3.12	23.59 -0.20 -5.46	35.17 -0.49 -6.79	25.07 -0.19 -4.63	22.38 -0.14 -2.57	21.55 0.02 -2.03	21.56 0.06 -0.45	20.93 -0.04 -0.22	21.41 0.14 -0.68	21.96 0.08 -1.60	22.70 0.08 -2.55	23.90 0.10 -3.02	25.67 -0.02 -6.36	33.11 -0.35 -10.13	29.51 -0.10 -4.13	24.61 0.04 -2.77	22.80 0.06 -2.82	22.55 0.07 -0.06	21.88 0.30 -0.06
GELCKHM__115KV_LOAD 80723	12.98 0.08 -2.56	14.16 0.11 -1.69	14.86 0.12 -1.23	12.59 0.10 -1.75	13.67 0.12 -1.79	15.42 0.13 -2.34	22.63 0.20 -4.10	34.26 0.29 -5.10	24.30 0.21 -3.47	22.10 0.22 -1.93	21.18 0.16 -1.52	21.55 0.17 -0.34	21.08 0.17 -0.16	21.30 0.21 -0.51	21.64 0.16 -1.19	22.14 0.16 -1.91	23.22 0.19 -2.26	24.26 0.17 -4.76	31.05 0.14 -7.58	28.75 0.18 -3.09	24.05 0.17 -2.08	22.21 0.18 -2.11	22.67 0.20 -0.04	21.80 0.24 -0.04
GENERAL____MILLS 23808	13.78 0.02 -3.42	14.66 0.05 -2.25	15.16 0.01 -1.64	13.09 0.01 -2.33	14.16 0.01 -2.38	16.05 -0.01 -3.12	23.55 -0.24 -5.46	35.09 -0.58 -6.80	25.03 -0.23 -4.63	22.34 -0.18 -2.57	21.49 -0.04 -2.03	21.52 0.02 -0.45	20.89 -0.08 -0.22	21.35 0.08 -0.68	21.92 0.04 -1.60	22.64 0.02 -2.55	23.86 0.06 -3.03	25.63 -0.06 -6.36	33.07 -0.40 -10.13	29.46 -0.15 -4.13	24.56 0.00 -2.77	22.76 0.02 -2.82	22.51 0.02 -0.06	21.84 0.26 -0.06
GE_PLASTICS____DRP 24183	25.06 0.32 -14.40	22.22 0.38 -9.48	20.83 0.43 -6.89	20.87 0.31 -9.81	22.12 0.32 -10.03	26.39 0.31 -13.13	41.79 0.44 -23.03	57.76 0.81 -28.09	40.74 0.68 -19.44	31.19 0.66 -10.58	28.49 0.72 -8.27	23.61 0.78 -1.78	22.41 0.77 -0.89	24.12 0.74 -2.79	27.53 0.73 -6.52	31.22 0.74 -10.41	34.05 0.77 -12.51	46.56 0.73 -26.49	65.93 0.89 -41.72	43.45 0.97 -17.00	34.07 0.83 -11.45	32.16 0.70 -11.54	23.45 0.79 -0.23	22.47 0.71 -0.23
GILBOA____1 23756	22.65 0.40 -11.91	20.68 0.48 -7.84	19.78 0.57 -5.70	19.31 0.45 -8.11	20.55 0.48 -8.30	24.30 0.49 -10.85	38.10 0.73 -19.04	53.64 1.10 -23.67	37.53 0.78 -16.12	29.71 0.80 -8.96	27.45 0.88 -7.06	23.55 0.95 -1.56	22.44 0.93 -0.76	23.89 0.93 -2.38	26.75 0.91 -5.56	29.86 0.90 -8.89	32.24 0.94 -10.53	42.27 0.81 -22.13	59.50 0.91 -35.26	40.93 1.07 -14.38	32.42 0.98 -9.64	30.61 0.88 -9.82	23.59 0.96 -0.19	22.60 0.88 -0.19
GILBOA____2 23757	22.65 0.40 -11.91	20.68 0.48 -7.84	19.78 0.57 -5.70	19.31 0.45 -8.11	20.55 0.48 -8.30	24.30 0.49 -10.85	38.10 0.73 -19.04	53.64 1.10 -23.67	37.53 0.78 -16.12	29.71 0.80 -8.96	27.45 0.88 -7.06	23.55 0.95 -1.56	22.44 0.93 -0.76	23.89 0.93 -2.38	26.75 0.91 -5.56	29.86 0.90 -8.89	32.24 0.94 -10.53	42.27 0.81 -22.13	59.50 0.91 -35.26	40.93 1.07 -14.38	32.42 0.98 -9.64	30.61 0.88 -9.82	23.59 0.96 -0.19	22.60 0.88 -0.19
GILBOA____3 23758	22.65 0.40 -11.91	20.68 0.48 -7.84	19.78 0.57 -5.70	19.31 0.45 -8.11	20.55 0.48 -8.30	24.30 0.49 -10.85	38.10 0.73 -19.04	53.64 1.10 -23.67	37.53 0.78 -16.12	29.71 0.80 -8.96	27.45 0.88 -7.06	23.55 0.95 -1.56	22.44 0.93 -0.76	23.89 0.93 -2.38	26.75 0.91 -5.56	29.86 0.90 -8.89	32.24 0.94 -10.53	42.27 0.81 -22.13	59.50 0.91 -35.26	40.93 1.07 -14.38	32.42 0.98 -9.64	30.61 0.88 -9.82	23.59 0.96 -0.19	22.60 0.88 -0.19
GILBOA____4 23759	22.65 0.40 -11.91	20.68 0.48 -7.84	19.78 0.57 -5.70	19.31 0.45 -8.11	20.55 0.48 -8.30	24.30 0.49 -10.85	38.10 0.73 -19.04	53.64 1.10 -23.67	37.53 0.78 -16.12	29.71 0.80 -8.96	27.45 0.88 -7.06	23.55 0.95 -1.56	22.44 0.93 -0.76	23.89 0.93 -2.38	26.75 0.91 -5.56	29.86 0.90 -8.89	32.24 0.94 -10.53	42.27 0.81 -22.13	59.50 0.91 -35.26	40.93 1.07 -14.38	32.42 0.98 -9.64	30.61 0.88 -9.82	23.59 0.96 -0.19	22.60 0.88 -0.19
GILBOA____ 23599	22.65 0.40 -11.91	20.68 0.48 -7.84	19.78 0.57 -5.70	19.31 0.45 -8.11	20.55 0.48 -8.30	24.30 0.49 -10.85	38.10 0.73 -19.04	53.64 1.10 -23.67	37.53 0.78 -16.12	29.71 0.80 -8.96	27.45 0.88 -7.06	23.55 0.95 -1.56	22.44 0.93 -0.76	23.89 0.93 -2.38	26.75 0.91 -5.56	29.86 0.90 -8.89	32.24 0.93 -10.53	42.27 0.81 -22.13	59.50 0.91 -35.26	40.93 1.07 -14.38	32.42 0.98 -9.64	30.59 0.86 -9.82	23.56 0.94 -0.19	22.60 0.88 -0.19
GINNA____ 23603	12.88 -0.35 -2.89	13.86 -0.41 -1.91	14.42 -0.47 -1.39	12.35 -0.37 -1.97	13.40 -0.39 -2.02	15.16 -0.43 -2.64	22.33 -0.62 -4.63	33.64 -0.98 -5.75	23.95 -0.60 -3.92	21.49 -0.64 -2.18	20.62 -0.60 -1.72	20.82 -0.61 -0.38	20.33 -0.60 -0.18	20.57 -0.60 -0.58	21.00 -0.63 -1.35	21.61 -0.62 -2.16	22.72 -0.62 -2.56	24.08 -0.64 -5.39	31.01 -0.91 -8.59	28.19 -0.79 -3.50	23.46 -0.68 -2.34	21.63 -0.68 -2.39	21.56 -0.92 -0.05	20.80 -0.77 -0.05

GLEN PARK____ 23778	10.78 -0.07 -0.51	11.53 -0.09 0.74	12.10 0.01 1.42	10.13 -0.01 0.61	11.12 0.02 0.67	12.27 0.07 0.75	18.29 0.15 0.18	29.14 0.29 0.02	20.28 0.02 0.36	18.72 -0.06 1.17	17.56 -0.25 1.69	19.29 -0.27 1.48	20.57 -0.27 -0.09	20.44 -0.43 -0.28	20.56 -0.39 -0.67	20.83 -0.30 -1.07	20.66 -0.23 -0.12	20.63 0.02 -1.28	27.74 0.19 -4.23	27.36 0.15 -1.72	20.91 -0.09 0.80	19.12 -0.12 0.68	20.46 0.02 1.99	19.64 0.02 1.91
GLENDALDE_27_KV_LOAD 356172	23.18 0.90 -11.94	21.27 1.05 -7.86	20.31 1.08 -5.72	19.75 0.87 -8.14	20.96 0.87 -8.32	24.81 0.97 -10.88	38.91 1.48 -19.09	55.94 2.43 -24.64	38.72 1.81 -16.28	31.08 1.72 -9.42	33.43 1.93 -11.99	33.23 2.10 -10.08	31.69 2.05 -8.88	33.54 2.04 -10.92	35.08 2.03 -12.77	34.49 1.97 -12.46	33.74 2.02 -10.95	54.15 1.86 -32.96	66.67 2.26 -41.08	43.00 2.45 -15.08	33.89 2.07 -10.02	32.23 1.89 -10.42	24.77 2.13 -0.21	23.72 2.00 -0.19
GLENWOOD_IC_1_G5 23712	24.48 0.96 -13.18	21.94 1.15 -8.43	20.72 1.20 -6.01	21.60 0.97 -9.89	22.21 1.01 -9.42	26.65 1.14 -12.56	39.10 1.69 -19.09	56.25 2.74 -24.64	38.90 2.00 -16.27	31.36 2.00 -9.41	29.21 2.16 -7.54	27.00 2.36 -3.60	26.81 2.37 -3.69	27.34 2.22 -4.53	28.45 2.27 -5.90	31.65 2.11 -9.47	33.98 2.26 -10.94	44.18 2.11 -22.74	62.76 2.52 -36.91	43.45 2.75 -15.22	34.26 2.35 -10.11	32.48 2.13 -10.43	29.03 2.31 -4.29	25.82 2.09 -2.20
GLENWOOD_IC_2_G1 23688	24.46 0.94 -13.18	21.91 1.11 -8.44	20.69 1.16 -6.02	21.58 0.93 -9.90	22.19 0.99 -9.43	26.63 1.11 -12.56	39.07 1.65 -19.09	56.16 2.65 -24.64	38.83 1.94 -16.27	31.22 1.86 -9.41	29.13 2.09 -7.54	26.94 2.29 -3.60	26.60 2.16 -3.69	27.36 2.24 -4.53	28.39 2.21 -5.90	31.59 2.05 -9.47	33.89 2.18 -10.93	44.03 2.03 -22.67	62.65 2.43 -36.90	43.23 2.65 -15.11	34.11 2.27 -10.05	32.44 2.11 -10.41	28.91 2.22 -4.26	25.78 2.05 -2.20
GLENWOOD_IC_3_G1 23689	24.46 0.94 -13.18	21.91 1.11 -8.44	20.69 1.16 -6.02	21.58 0.93 -9.90	22.19 0.99 -9.43	26.63 1.11 -12.56	39.07 1.65 -19.09	56.16 2.65 -24.64	38.83 1.94 -16.27	31.22 1.86 -9.41	29.13 2.09 -7.54	26.94 2.29 -3.60	26.60 2.16 -3.69	27.36 2.24 -4.53	28.39 2.21 -5.90	31.59 2.05 -9.47	33.89 2.18 -10.93	44.03 2.03 -22.67	62.65 2.43 -36.90	43.23 2.65 -15.11	34.11 2.27 -10.05	32.44 2.11 -10.41	28.91 2.22 -4.26	25.78 2.05 -2.20
GLENWOOD____4 23550	24.48 0.96 -13.18	21.94 1.15 -8.43	20.72 1.20 -6.01	21.60 0.97 -9.89	22.21 1.01 -9.42	26.65 1.14 -12.56	39.10 1.69 -19.09	56.25 2.74 -24.64	38.90 2.00 -16.27	31.36 2.00 -9.41	29.21 2.16 -7.54	27.00 2.36 -3.60	26.81 2.37 -3.69	27.34 2.22 -4.53	28.45 2.27 -5.90	31.65 2.11 -9.47	33.98 2.26 -10.94	44.18 2.11 -22.74	62.76 2.52 -36.91	43.45 2.75 -15.22	34.26 2.35 -10.11	32.48 2.13 -10.43	29.03 2.31 -4.29	25.82 2.09 -2.20
GLENWOOD____5 23614	24.48 0.96 -13.18	21.94 1.15 -8.43	20.72 1.20 -6.01	21.60 0.97 -9.89	22.21 1.01 -9.42	26.65 1.14 -12.56	39.10 1.69 -19.09	56.25 2.74 -24.64	38.90 2.00 -16.27	31.36 2.00 -9.41	29.21 2.16 -7.54	27.00 2.36 -3.60	26.81 2.37 -3.69	27.34 2.22 -4.53	28.45 2.27 -5.90	31.65 2.11 -9.47	33.98 2.26 -10.94	44.18 2.11 -22.74	62.76 2.52 -36.91	43.45 2.75 -15.22	34.26 2.35 -10.11	32.48 2.13 -10.43	29.03 2.31 -4.29	25.82 2.09 -2.20
GLOBAL GREEN_PORT_GT1 23814	24.96 1.44 -13.18	22.50 1.71 -8.44	21.42 1.85 -6.06	22.16 1.47 -9.94	22.73 1.53 -9.43	27.21 1.70 -12.56	39.80 2.38 -19.09	57.63 4.13 -24.64	40.05 3.16 -16.27	32.16 2.75 -9.46	30.38 3.22 -7.66	28.22 3.53 -3.64	27.54 3.05 -3.73	28.58 3.42 -4.57	30.00 3.35 -6.38	32.77 3.11 -9.59	37.22 3.41 -13.04	57.28 3.15 -34.80	66.82 3.73 -39.76	64.43 4.10 -34.85	47.05 3.53 -21.72	36.95 3.27 -13.77	34.08 3.27 -8.38	26.81 3.08 -2.20
GLOBE____DSASP 323697	13.44 -0.17 -3.27	14.33 -0.19 -2.16	14.82 -0.26 -1.57	12.78 -0.19 -2.23	13.83 -0.22 -2.28	15.66 -0.27 -2.98	22.87 -0.64 -5.19	34.01 -1.36 -6.49	24.25 -0.80 -4.43	21.68 -0.74 -2.46	20.86 -0.59 -1.94	20.91 -0.57 -0.43	20.28 -0.68 -0.21	20.75 -0.49 -0.65	21.26 -0.55 -1.53	21.95 -0.56 -2.45	23.11 -0.56 -2.90	24.71 -0.70 -6.08	31.82 -1.21 -9.70	28.42 -1.02 -3.96	23.79 -0.65 -2.65	22.10 -0.52 -2.70	21.72 -0.76 -0.05	21.11 -0.47 -0.05
GOETHSLN____LBMP 323567	23.06 0.79 -11.94	21.15 0.93 -7.86	20.17 0.95 -5.72	19.65 0.76 -8.14	20.86 0.77 -8.32	24.72 0.88 -10.88	38.85 1.43 -19.09	55.82 2.31 -24.64	38.57 1.67 -16.28	31.02 1.66 -9.42	33.19 1.81 -11.88	32.89 1.98 -9.86	31.35 1.93 -8.67	33.20 1.91 -10.70	34.76 1.89 -12.59	34.28 1.83 -12.38	33.61 1.89 -10.95	53.77 1.74 -32.70	66.40 2.10 -40.97	42.85 2.29 -15.08	33.78 1.96 -10.02	32.09 1.75 -10.42	24.59 1.95 -0.21	23.48 1.77 -0.19
GOLAH____69_KV_TB 1_2 80279	13.51 0.21 -2.96	14.57 0.26 -1.95	15.17 0.24 -1.42	12.97 0.20 -2.02	14.06 0.22 -2.06	15.87 0.22 -2.70	23.25 0.18 -4.74	34.93 0.17 -5.89	24.90 0.27 -4.01	22.40 0.22 -2.23	21.57 0.31 -1.76	21.77 0.34 -0.39	21.19 0.25 -0.19	21.55 0.37 -0.59	21.95 0.28 -1.38	22.58 0.30 -2.21	23.75 0.35 -2.62	25.07 0.23 -5.51	32.18 0.07 -8.78	29.44 0.38 -3.58	24.59 0.39 -2.40	22.70 0.34 -2.44	22.66 0.18 -0.05	21.94 0.37 -0.05
GOODYEAR_LAKE_HYD 323669	18.18 0.54 -7.31	17.82 0.64 -4.81	17.71 0.70 -3.50	16.29 0.56 -4.98	17.49 0.62 -5.09	20.30 0.69 -6.66	31.08 1.06 -11.69	45.11 1.70 -14.53	31.70 1.18 -9.90	26.57 1.12 -5.50	25.01 1.17 -4.34	23.27 1.26 -0.96	22.42 1.20 -0.47	23.26 1.21 -1.46	24.87 1.18 -3.41	26.71 1.18 -5.46	28.46 1.23 -6.47	34.10 1.18 -13.59	46.38 1.40 -21.65	35.86 1.55 -8.83	29.02 1.31 -5.92	27.08 1.14 -6.03	23.78 1.23 -0.12	22.81 1.16 -0.12
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	15.94 0.29 -5.31	16.21 0.35 -3.50	16.45 0.39 -2.54	14.68 0.31 -3.62	15.81 0.34 -3.70	18.16 0.36 -4.84	27.37 0.55 -8.50	40.24 0.81 -10.56	28.42 0.60 -7.20	24.53 0.58 -4.00	23.28 0.62 -3.15	22.40 0.65 -0.70	21.71 0.62 -0.34	22.33 0.68 -1.06	23.39 0.63 -2.48	24.66 0.62 -3.97	26.16 0.69 -4.70	29.83 0.62 -9.88	39.72 0.65 -15.74	32.69 0.79 -6.42	26.80 0.70 -4.30	24.92 0.62 -4.38	23.23 0.72 -0.09	22.37 0.75 -0.09
GOUDEY____7 23579	15.95 0.30 -5.31	16.22 0.36 -3.50	16.45 0.39 -2.54	14.68 0.31 -3.62	15.83 0.35 -3.70	18.17 0.38 -4.84	27.39 0.57 -8.50	40.30 0.87 -10.56	28.44 0.62 -7.20	24.55 0.60 -4.00	23.30 0.64 -3.15	22.44 0.69 -0.70	21.73 0.64 -0.34	22.35 0.70 -1.06	23.41 0.65 -2.48	24.70 0.66 -3.97	26.18 0.71 -4.70	29.85 0.64 -9.88	39.75 0.68 -15.74	32.71 0.82 -6.42	26.82 0.72 -4.30	24.94 0.64 -4.38	23.25 0.74 -0.09	22.39 0.77 -0.09
GOUDEY____8 23580	15.94 0.29 -5.31	16.21 0.35 -3.50	16.45 0.39 -2.54	14.68 0.31 -3.62	15.81 0.34 -3.70	18.16 0.36 -4.84	27.37 0.55 -8.50	40.24 0.81 -10.56	28.42 0.60 -7.20	24.53 0.58 -4.00	23.28 0.62 -3.15	22.40 0.65 -0.70	21.71 0.62 -0.34	22.33 0.68 -1.06	23.39 0.63 -2.48	24.66 0.62 -3.97	26.16 0.69 -4.70	29.83 0.62 -9.88	39.72 0.65 -15.74	32.69 0.79 -6.42	26.80 0.70 -4.30	24.92 0.62 -4.38	23.23 0.72 -0.09	22.37 0.75 -0.09

GOWANUS_GT1_1 24077	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT1_2 24078	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT1_3 24079	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT1_4 24080	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT1_5 24084	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT1_6 24111	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT1_7 24112	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT1_8 24113	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT2_1 24114	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT2_2 24115	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT2_3 24116	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT2_4 24117	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT2_5 24118	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT2_6 24119	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT2_7 24120	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20

GOWANUS_GT2_8 24121	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT3_1 24122	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT3_2 24123	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT3_3 24124	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT3_4 24125	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT3_5 24126	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT3_6 24127	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT3_7 24128	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT3_8 24129	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
GOWANUS_GT4_1 24130	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT4_2 24131	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT4_3 24132	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT4_4 24133	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT4_5 24134	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT4_6 24135	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19

GOWANUS_GT4_7 24136	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GOWANUS_GT4_8 24137	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GREENBSH_115KV_TB3 55895	25.01 0.24 -14.44	22.15 0.28 -9.51	20.73 0.31 -6.91	20.81 0.23 -9.84	22.08 0.25 -10.06	26.37 0.26 -13.16	41.82 0.40 -23.09	57.56 0.69 -28.00	40.65 0.56 -19.47	31.00 0.52 -10.53	28.28 0.57 -8.21	23.39 0.59 -1.76	22.26 0.62 -0.89	23.92 0.56 -2.77	27.32 0.57 -6.48	30.99 0.58 -10.33	33.87 0.62 -12.48	46.43 0.62 -26.48	65.63 0.75 -41.55	43.20 0.79 -16.93	33.89 0.68 -11.42	31.93 0.54 -11.47	23.25 0.58 -0.23	22.28 0.52 -0.23
GREENDGE_115KV_TB5 80291	14.46 0.28 -3.84	15.24 0.35 -2.53	15.74 0.39 -1.84	13.69 0.32 -2.62	14.83 0.38 -2.68	16.88 0.43 -3.50	25.17 0.70 -6.15	37.55 1.04 -7.64	26.59 0.76 -5.21	23.54 0.70 -2.89	22.49 0.70 -2.28	22.29 0.74 -0.50	21.66 0.66 -0.25	22.12 0.76 -0.77	22.76 0.69 -1.80	23.64 0.70 -2.87	24.99 0.81 -3.40	27.26 0.77 -7.15	35.40 0.68 -11.40	31.09 0.97 -4.65	25.76 0.85 -3.11	23.79 0.70 -3.17	23.23 0.74 -0.06	22.38 0.80 -0.06
GREENIDGE___3 23582	14.46 0.28 -3.84	15.24 0.35 -2.53	15.74 0.39 -1.84	13.69 0.32 -2.62	14.83 0.38 -2.68	16.88 0.43 -3.50	25.17 0.70 -6.15	37.55 1.04 -7.64	26.59 0.76 -5.21	23.54 0.70 -2.89	22.49 0.70 -2.28	22.29 0.74 -0.50	21.66 0.66 -0.25	22.12 0.76 -0.77	22.76 0.69 -1.80	23.64 0.70 -2.87	24.99 0.81 -3.40	27.26 0.77 -7.15	35.40 0.68 -11.40	31.09 0.97 -4.65	25.76 0.85 -3.11	23.79 0.70 -3.17	23.23 0.74 -0.06	22.38 0.80 -0.06
GREENIDGE___4 23583	14.46 0.28 -3.84	15.25 0.36 -2.53	15.74 0.39 -1.84	13.69 0.32 -2.62	14.83 0.38 -2.68	16.88 0.43 -3.50	25.17 0.70 -6.15	37.55 1.04 -7.64	26.60 0.76 -5.21	23.60 0.76 -2.89	22.49 0.70 -2.28	22.29 0.74 -0.50	21.74 0.75 -0.25	22.06 0.70 -0.77	22.76 0.69 -1.80	23.64 0.70 -2.87	25.01 0.83 -3.40	27.26 0.77 -7.15	35.43 0.70 -11.40	31.09 0.97 -4.65	25.76 0.85 -3.11	23.75 0.66 -3.17	23.23 0.74 -0.06	22.38 0.80 -0.06
GREENLWN_69_KV_BK 3 55738	24.50 0.98 -13.18	21.96 1.17 -8.43	20.74 1.23 -6.00	21.62 0.99 -9.88	22.23 1.04 -9.42	26.68 1.18 -12.56	39.10 1.69 -19.09	56.25 2.74 -24.64	38.92 2.02 -16.27	31.37 2.02 -9.41	29.22 2.18 -7.53	27.04 2.40 -3.59	26.84 2.41 -3.69	27.35 2.24 -4.52	28.55 2.41 -5.85	31.71 2.19 -9.46	33.91 2.39 -10.75	43.21 2.22 -21.66	62.62 2.64 -36.65	41.81 2.88 -13.46	33.35 2.48 -9.07	32.28 2.23 -10.13	28.79 2.44 -3.92	25.86 2.13 -2.20
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19
GRISSOM___SOLAR 323813	26.12 0.88 -14.90	23.24 1.06 -9.81	21.87 1.23 -7.13	21.81 0.91 -10.15	23.25 1.09 -10.39	27.79 1.26 -13.58	44.28 2.12 -23.83	60.79 3.00 -28.92	42.71 1.98 -20.10	32.66 1.83 -10.87	29.39 1.41 -8.48	24.25 1.39 -1.82	23.23 1.56 -0.92	24.94 1.48 -2.86	28.53 1.56 -6.69	32.39 1.65 -10.68	35.51 1.85 -12.88	48.65 1.97 -27.34	68.68 2.43 -42.92	45.49 2.52 -17.49	35.79 2.20 -11.79	33.58 1.81 -11.85	24.62 1.95 -0.24	23.40 1.64 -0.24
GROVEVILLE___HYD 323602	22.95 0.73 -11.88	21.03 0.85 -7.82	20.10 0.91 -5.69	19.57 0.73 -8.09	20.80 0.75 -8.28	24.63 0.85 -10.83	38.68 1.36 -18.99	55.30 2.14 -24.29	38.30 1.51 -16.16	30.55 1.34 -9.26	28.48 1.58 -7.39	24.43 1.70 -1.68	23.20 1.66 -0.78	24.71 1.65 -2.47	27.73 1.66 -5.79	31.00 1.65 -9.29	33.22 1.66 -10.78	43.28 1.53 -22.42	61.59 1.94 -36.33	42.39 2.09 -14.83	33.42 1.74 -9.88	31.67 1.53 -10.21	24.30 1.68 -0.19	23.25 1.53 -0.19
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	13.27 0.20 -2.74	14.40 0.23 -1.80	15.09 0.27 -1.31	12.83 0.21 -1.86	13.92 0.25 -1.91	15.70 0.26 -2.49	23.10 0.40 -4.37	34.92 0.61 -5.44	24.76 0.43 -3.70	22.43 0.42 -2.06	21.50 0.37 -1.62	21.80 0.40 -0.36	21.30 0.37 -0.17	21.56 0.43 -0.54	21.92 0.37 -1.27	22.49 0.38 -2.04	23.62 0.44 -2.41	24.79 0.39 -5.07	31.83 0.42 -8.08	29.26 0.48 -3.29	24.42 0.41 -2.21	22.57 0.40 -2.26	22.92 0.45 -0.04	22.04 0.47 -0.04
HAMLTNNY_34_KV_TB 80303	13.45 0.25 -2.87	14.56 0.31 -1.89	15.23 0.35 -1.37	12.98 0.28 -1.95	14.09 0.32 -2.00	15.90 0.34 -2.62	23.43 0.51 -4.59	35.41 0.84 -5.70	25.11 0.60 -3.89	22.71 0.60 -2.16	21.75 0.55 -1.70	22.01 0.59 -0.37	21.49 0.56 -0.18	21.73 0.58 -0.57	22.16 0.55 -1.33	22.77 0.56 -2.13	23.93 0.62 -2.53	25.23 0.58 -5.32	32.41 0.61 -8.47	29.65 0.71 -3.45	24.75 0.63 -2.32	22.84 0.56 -2.37	23.04 0.56 -0.05	22.17 0.60 -0.05
HAMPSHIRE___PAPER_HYD 323593	8.04 -0.40 1.90	7.55 -0.49 4.32	7.43 -0.43 5.64	6.38 -0.35 4.01	7.15 -0.36 4.25	7.35 -0.41 5.18	11.69 -0.72 5.92	20.84 -1.13 6.91	14.00 -0.93 5.70	13.05 -0.92 5.98	11.65 -1.02 6.84	15.31 -1.10 4.65	19.72 -1.08 -0.04	19.47 -1.26 -0.14	19.43 -1.18 -0.33	19.47 -1.12 -0.53	17.02 -1.12 2.63	15.85 -0.89 2.59	24.53 -0.89 -2.09	25.26 -1.07 -0.85	15.70 -1.09 5.01	14.22 -0.98 4.72	15.91 -0.81 5.71	15.31 -0.73 5.49
HARDSCRABBLE_WT_PWR 323673	11.16 0.23 -0.60	13.39 0.27 -0.75	14.66 0.31 -0.84	11.72 0.25 -0.73	12.81 0.28 -0.76	14.24 0.34 -0.95	20.18 0.51 -1.34	31.30 0.66 -1.77	22.43 0.47 -1.33	21.67 0.58 -1.13	21.01 0.43 -1.07	22.12 0.48 -0.59	21.35 0.58 -0.02	21.12 0.47 -0.06	20.86 0.45 -0.14	20.69 0.40 -0.22	21.81 0.39 -0.64	20.70 0.37 -1.01	24.65 0.44 -0.87	26.29 0.46 -0.36	23.05 0.35 -0.90	21.13 0.34 -0.87	23.61 0.49 -0.69	22.68 0.50 -0.66
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.77 0.69 -10.74	20.24 0.80 -7.07	19.50 0.85 -5.14	18.75 0.69 -7.32	19.97 0.72 -7.49	23.55 0.80 -9.79	36.79 1.28 -17.18	52.89 1.96 -22.06	36.60 1.34 -14.63	29.63 1.26 -8.42	27.70 1.46 -6.73	24.18 1.60 -1.54	23.02 1.56 -0.71	24.42 1.59 -2.25	27.09 1.54 -5.27	30.05 1.53 -8.46	32.12 1.56 -9.79	41.04 1.39 -20.32	58.07 1.73 -33.01	40.84 1.89 -13.47	32.38 1.61 -8.97	30.65 1.43 -9.29	24.22 1.61 -0.17	23.18 1.49 -0.17

HARSNRAD_115KV_TB1 81005	13.60 0.05 -3.21	14.57 0.10 -2.12	15.09 0.04 -1.54	12.99 0.05 -2.19	14.06 0.05 -2.24	15.89 0.01 -2.93	23.13 -0.33 -5.13	34.51 -0.75 -6.39	24.63 -0.35 -4.35	22.05 -0.32 -2.42	21.25 -0.16 -1.91	21.36 -0.11 -0.42	20.73 -0.23 -0.20	21.21 -0.02 -0.64	21.68 -0.10 -1.50	22.35 -0.12 -2.40	23.53 -0.08 -2.84	25.05 -0.25 -5.98	32.22 -0.63 -9.52	29.06 -0.31 -3.88	24.27 -0.13 -2.60	22.47 -0.10 -2.65	22.21 -0.27 -0.05	21.56 -0.02 -0.05
HARZA MOOSE__RIVER 24016	10.65 0.00 -0.32	11.97 0.00 0.39	12.87 0.14 0.77	10.53 0.10 0.32	11.55 0.13 0.35	12.73 0.17 0.38	18.62 0.31 0.02	29.47 0.40 -0.19	20.78 0.21 0.05	19.55 0.12 0.53	18.66 0.04 0.89	20.27 0.04 0.82	20.83 0.02 -0.05	20.67 -0.08 -0.17	20.58 -0.08 -0.39	20.65 -0.04 -0.62	20.87 0.00 -0.10	20.24 0.14 -0.77	26.04 0.26 -2.45	26.68 0.20 -1.00	21.38 0.00 0.41	19.55 -0.02 0.35	21.55 0.22 1.10	20.69 0.22 1.05
HDSNBRDG_115KV_BRDG_TB1 355580	13.00 0.09 -2.57	14.18 0.12 -1.69	14.88 0.14 -1.23	12.61 0.11 -1.75	13.69 0.13 -1.79	15.44 0.14 -2.35	22.66 0.22 -4.12	34.31 0.32 -5.12	24.36 0.25 -3.49	22.15 0.26 -1.94	21.23 0.20 -1.53	21.59 0.21 -0.34	21.12 0.21 -0.16	21.35 0.25 -0.51	21.68 0.20 -1.20	22.19 0.20 -1.92	23.28 0.23 -2.27	24.30 0.19 -4.78	31.13 0.19 -7.61	28.81 0.23 -3.11	24.10 0.22 -2.08	22.24 0.20 -2.12	22.69 0.22 -0.04	21.83 0.26 -0.04
HELLGATE_13_KV_LD 55870	23.15 0.87 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.72 0.84 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.83 1.41 -19.09	55.79 2.28 -24.64	38.59 1.69 -16.28	30.98 1.62 -9.42	33.33 1.83 -11.99	33.12 2.00 -10.08	31.59 1.95 -8.88	33.42 1.91 -10.92	34.98 1.93 -12.77	34.39 1.87 -12.46	33.61 1.89 -10.95	54.03 1.74 -32.96	66.53 2.12 -41.08	42.85 2.29 -15.08	33.78 1.96 -10.02	32.13 1.79 -10.42	24.66 2.02 -0.21	23.63 1.92 -0.19
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.15 0.87 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.72 0.84 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.83 1.41 -19.09	55.79 2.28 -24.64	38.59 1.69 -16.28	30.98 1.62 -9.42	33.33 1.83 -11.99	33.12 2.00 -10.08	31.59 1.95 -8.88	33.42 1.91 -10.92	34.98 1.93 -12.77	34.39 1.87 -12.46	33.61 1.89 -10.95	54.03 1.74 -32.96	66.53 2.12 -41.08	42.85 2.29 -15.08	33.78 1.96 -10.02	32.13 1.79 -10.42	24.66 2.02 -0.21	23.63 1.92 -0.19
HEMPSTEAD____ 23647	24.44 0.92 -13.18	21.90 1.10 -8.44	20.68 1.15 -6.02	21.57 0.92 -9.90	22.18 0.98 -9.43	26.61 1.10 -12.56	39.01 1.59 -19.09	56.11 2.60 -24.64	38.79 1.90 -16.27	31.16 1.80 -9.41	29.11 2.07 -7.54	26.92 2.27 -3.60	26.56 2.12 -3.69	27.34 2.22 -4.53	28.37 2.19 -5.90	31.55 2.01 -9.47	33.88 2.16 -10.94	44.06 1.99 -22.74	62.62 2.38 -36.91	43.30 2.60 -15.22	34.15 2.25 -10.11	32.44 2.09 -10.43	28.91 2.20 -4.29	25.73 2.00 -2.20
HEWLETT__69_KV_BK3 55828	24.50 0.98 -13.18	21.95 1.16 -8.43	20.74 1.22 -6.01	21.61 0.98 -9.89	22.22 1.02 -9.42	26.66 1.15 -12.56	39.12 1.70 -19.09	56.22 2.71 -24.64	38.83 1.94 -16.27	31.32 1.96 -9.41	29.19 2.15 -7.54	26.96 2.32 -3.60	26.73 2.28 -3.69	27.34 2.22 -4.53	28.39 2.21 -5.90	31.59 2.05 -9.47	33.91 2.20 -10.93	44.05 2.05 -22.67	62.70 2.47 -36.90	43.28 2.70 -15.10	34.15 2.31 -10.04	32.44 2.11 -10.41	29.02 2.33 -4.26	25.84 2.11 -2.20
HICKLING__1 23621	15.13 0.30 -4.50	15.69 0.37 -2.96	16.08 0.42 -2.15	14.14 0.33 -3.06	15.28 0.38 -3.13	17.46 0.41 -4.10	26.14 0.62 -7.19	38.79 0.98 -8.94	27.45 0.74 -6.09	24.05 0.72 -3.38	22.95 0.78 -2.67	22.46 0.82 -0.59	21.79 0.75 -0.29	22.29 0.80 -0.90	23.17 0.79 -2.10	24.21 0.78 -3.36	25.62 0.87 -3.98	28.48 0.79 -8.36	37.42 0.77 -13.32	31.88 0.97 -5.43	26.31 0.87 -3.64	24.36 0.74 -3.71	23.31 0.81 -0.07	22.50 0.90 -0.07
HICKLING__2 23622	15.13 0.30 -4.50	15.69 0.37 -2.96	16.08 0.42 -2.15	14.14 0.33 -3.06	15.28 0.38 -3.13	17.46 0.41 -4.10	26.14 0.62 -7.19	38.79 0.98 -8.94	27.45 0.74 -6.09	24.05 0.72 -3.38	22.95 0.78 -2.67	22.46 0.82 -0.59	21.79 0.75 -0.29	22.29 0.80 -0.90	23.17 0.79 -2.10	24.21 0.78 -3.36	25.62 0.87 -3.98	28.48 0.79 -8.36	37.42 0.77 -13.32	31.88 0.97 -5.43	26.31 0.87 -3.64	24.36 0.74 -3.71	23.31 0.81 -0.07	22.50 0.90 -0.07
HIGH FALLS__HY 23754	22.69 0.72 -11.63	20.86 0.84 -7.66	19.97 0.89 -5.57	19.40 0.73 -7.92	20.63 0.75 -8.10	24.42 0.87 -10.60	38.30 1.37 -18.59	54.39 2.02 -23.50	37.78 1.36 -15.79	30.08 1.20 -8.93	28.04 1.44 -7.10	24.24 1.60 -1.59	23.02 1.51 -0.76	24.55 1.59 -2.38	27.36 1.52 -5.57	30.49 1.51 -8.92	32.77 1.56 -10.44	42.53 1.39 -21.81	60.19 1.77 -35.09	41.76 1.96 -14.32	32.97 1.61 -9.57	31.20 1.45 -9.83	24.30 1.68 -0.19	23.26 1.55 -0.19
HILLBURN__GT 23639	21.92 0.71 -10.87	20.34 0.83 -7.15	19.58 0.87 -5.20	18.85 0.70 -7.41	20.08 0.74 -7.57	23.69 0.83 -9.91	37.01 1.30 -17.38	53.16 1.96 -22.33	36.79 1.36 -14.80	29.87 1.40 -8.52	27.84 1.52 -6.82	24.27 1.66 -1.56	23.13 1.66 -0.72	24.47 1.61 -2.28	27.19 1.58 -5.33	30.18 1.55 -8.56	32.26 1.58 -9.91	41.30 1.41 -20.56	58.44 1.70 -33.41	40.98 1.86 -13.64	32.49 1.61 -9.08	30.80 1.47 -9.41	24.29 1.68 -0.18	23.25 1.55 -0.18
HILLSIDE_115KV_TB1 80332	15.12 0.19 -4.60	15.61 0.22 -3.03	15.97 0.26 -2.20	14.09 0.20 -3.14	15.21 0.24 -3.21	17.40 0.26 -4.19	26.05 0.37 -7.36	38.54 0.52 -9.15	27.27 0.41 -6.23	23.81 0.40 -3.46	22.68 0.45 -2.73	22.13 0.48 -0.60	21.48 0.44 -0.29	22.02 0.51 -0.92	22.89 0.47 -2.15	23.97 0.46 -3.44	25.36 0.52 -4.07	28.35 0.46 -8.56	37.36 0.40 -13.64	31.57 0.54 -5.56	26.05 0.52 -3.73	24.15 0.44 -3.80	23.04 0.54 -0.07	22.22 0.62 -0.07
HISHELDN_WT_PWR 323625	13.93 0.00 -3.59	14.75 0.02 -2.36	15.23 0.00 -1.72	13.20 0.01 -2.45	14.27 0.00 -2.50	16.21 -0.01 -3.27	23.92 -0.15 -5.74	35.52 -0.49 -7.14	25.35 -0.14 -4.86	22.54 -0.12 -2.70	21.62 -0.02 -2.13	21.56 0.04 -0.47	21.00 0.02 -0.23	21.37 0.06 -0.72	22.00 0.04 -1.68	22.81 0.06 -2.68	24.04 0.08 -3.18	26.01 0.00 -6.68	33.65 -0.33 -10.64	29.74 -0.08 -4.34	24.75 0.04 -2.91	22.88 0.00 -2.96	22.49 0.00 -0.06	21.80 0.22 -0.06
HOLTSVILLE_IC_1 23690	24.59 1.06 -13.18	22.07 1.27 -8.44	20.92 1.35 -6.06	21.77 1.08 -9.94	22.33 1.13 -9.43	26.77 1.26 -12.56	39.08 1.67 -19.09	56.28 2.77 -24.64	39.04 2.14 -16.27	31.40 1.99 -9.46	29.46 2.30 -7.66	27.29 2.61 -3.64	26.81 2.32 -3.73	27.71 2.55 -4.57	29.11 2.45 -6.38	31.85 2.19 -9.59	36.15 2.33 -13.05	56.32 2.15 -34.84	65.64 2.54 -39.77	63.20 2.80 -34.91	45.98 2.42 -21.76	35.97 2.27 -13.78	33.17 2.35 -8.39	26.03 2.30 -2.20
HOLTSVILLE_IC_10 23699	24.65 1.13 -13.18	22.13 1.34 -8.44	20.99 1.42 -6.06	21.82 1.14 -9.94	22.39 1.19 -9.43	26.85 1.33 -12.56	39.19 1.78 -19.09	56.54 3.03 -24.64	39.23 2.33 -16.27	31.52 2.11 -9.45	29.61 2.46 -7.65	27.46 2.78 -3.64	26.93 2.45 -3.73	27.85 2.70 -4.57	29.26 2.62 -6.36	32.01 2.35 -9.59	36.26 2.51 -12.97	56.05 2.32 -34.40	65.75 2.75 -39.66	62.67 3.01 -34.19	45.75 2.61 -21.33	36.02 2.45 -13.66	33.16 2.49 -8.24	26.14 2.41 -2.20

HOLTSVILLE_IC_2 23691	24.59 1.06 -13.18	22.07 1.27 -8.44	20.92 1.35 -6.06	21.77 1.08 -9.94	22.33 1.13 -9.43	26.77 1.26 -12.56	39.08 1.67 -19.09	56.28 2.77 -24.64	39.04 2.14 -16.27	31.40 1.99 -9.46	29.46 2.30 -7.66	27.29 2.61 -3.64	26.81 2.32 -3.73	27.71 2.55 -4.57	29.11 2.45 -6.38	31.85 2.19 -9.59	36.15 2.33 -13.05	56.32 2.15 -34.84	65.64 2.54 -39.77	63.20 2.80 -34.91	45.98 2.42 -21.76	35.97 2.27 -13.78	33.17 2.35 -8.39	26.03 2.30 -2.20
HOLTSVILLE_IC_3 23692	24.59 1.06 -13.18	22.07 1.27 -8.44	20.92 1.35 -6.06	21.77 1.08 -9.94	22.33 1.13 -9.43	26.77 1.26 -12.56	39.08 1.67 -19.09	56.28 2.77 -24.64	39.04 2.14 -16.27	31.40 1.99 -9.46	29.46 2.30 -7.66	27.29 2.61 -3.64	26.81 2.32 -3.73	27.71 2.55 -4.57	29.11 2.45 -6.38	31.85 2.19 -9.59	36.15 2.33 -13.05	56.32 2.15 -34.84	65.64 2.54 -39.77	63.20 2.80 -34.91	45.98 2.42 -21.76	35.97 2.27 -13.78	33.17 2.35 -8.39	26.03 2.30 -2.20
HOLTSVILLE_IC_4 23693	24.59 1.06 -13.18	22.07 1.27 -8.44	20.92 1.35 -6.06	21.77 1.08 -9.94	22.33 1.13 -9.43	26.77 1.26 -12.56	39.08 1.67 -19.09	56.28 2.77 -24.64	39.04 2.14 -16.27	31.40 1.99 -9.46	29.46 2.30 -7.66	27.29 2.61 -3.64	26.81 2.32 -3.73	27.71 2.55 -4.57	29.11 2.45 -6.38	31.85 2.19 -9.59	36.15 2.33 -13.05	56.32 2.15 -34.84	65.64 2.54 -39.77	63.20 2.80 -34.91	45.98 2.42 -21.76	35.97 2.27 -13.78	33.17 2.35 -8.39	26.03 2.30 -2.20
HOLTSVILLE_IC_5 23694	24.59 1.06 -13.18	22.07 1.27 -8.44	20.92 1.35 -6.06	21.77 1.08 -9.94	22.33 1.13 -9.43	26.77 1.26 -12.56	39.08 1.67 -19.09	56.28 2.77 -24.64	39.04 2.14 -16.27	31.40 1.99 -9.46	29.46 2.30 -7.66	27.29 2.61 -3.64	26.81 2.32 -3.73	27.71 2.55 -4.57	29.11 2.45 -6.38	31.85 2.19 -9.59	36.15 2.33 -13.05	56.32 2.15 -34.84	65.64 2.54 -39.77	63.20 2.80 -34.91	45.98 2.42 -21.76	35.97 2.27 -13.78	33.17 2.35 -8.39	26.03 2.30 -2.20
HOLTSVILLE_IC_6 23695	24.65 1.13 -13.18	22.13 1.34 -8.44	20.99 1.42 -6.06	21.82 1.14 -9.94	22.39 1.19 -9.43	26.85 1.33 -12.56	39.19 1.78 -19.09	56.54 3.03 -24.64	39.23 2.33 -16.27	31.52 2.11 -9.45	29.61 2.46 -7.65	27.46 2.78 -3.64	26.93 2.45 -3.73	27.85 2.70 -4.57	29.26 2.62 -6.36	32.01 2.35 -9.59	36.26 2.51 -12.97	56.05 2.32 -34.40	65.75 2.75 -39.66	62.67 3.01 -34.19	45.75 2.61 -21.33	36.02 2.45 -13.66	33.16 2.49 -8.24	26.14 2.41 -2.20
HOLTSVILLE_IC_7 23696	24.65 1.13 -13.18	22.13 1.34 -8.44	20.99 1.42 -6.06	21.82 1.14 -9.94	22.39 1.19 -9.43	26.85 1.33 -12.56	39.19 1.78 -19.09	56.54 3.03 -24.64	39.23 2.33 -16.27	31.52 2.11 -9.45	29.61 2.46 -7.65	27.46 2.78 -3.64	26.93 2.45 -3.73	27.85 2.70 -4.57	29.26 2.62 -6.36	32.01 2.35 -9.59	36.26 2.51 -12.97	56.05 2.32 -34.40	65.75 2.75 -39.66	62.67 3.01 -34.19	45.75 2.61 -21.33	36.02 2.45 -13.66	33.16 2.49 -8.24	26.14 2.41 -2.20
HOLTSVILLE_IC_8 23697	24.65 1.13 -13.18	22.13 1.34 -8.44	20.99 1.42 -6.06	21.82 1.14 -9.94	22.39 1.19 -9.43	26.85 1.33 -12.56	39.19 1.78 -19.09	56.54 3.03 -24.64	39.23 2.33 -16.27	31.52 2.11 -9.45	29.61 2.46 -7.65	27.46 2.78 -3.64	26.93 2.45 -3.73	27.85 2.70 -4.57	29.26 2.62 -6.36	32.01 2.35 -9.59	36.26 2.51 -12.97	56.05 2.32 -34.40	65.75 2.75 -39.66	62.67 3.01 -34.19	45.75 2.61 -21.33	36.02 2.45 -13.66	33.16 2.49 -8.24	26.14 2.41 -2.20
HOLTSVILLE_IC_9 23698	24.65 1.13 -13.18	22.13 1.34 -8.44	20.99 1.42 -6.06	21.82 1.14 -9.94	22.39 1.19 -9.43	26.85 1.33 -12.56	39.19 1.78 -19.09	56.54 3.03 -24.64	39.23 2.33 -16.27	31.52 2.11 -9.45	29.61 2.46 -7.65	27.46 2.78 -3.64	26.93 2.45 -3.73	27.85 2.70 -4.57	29.26 2.62 -6.36	32.01 2.35 -9.59	36.26 2.51 -12.97	56.05 2.32 -34.40	65.75 2.75 -39.66	62.67 3.01 -34.19	45.75 2.61 -21.33	36.02 2.45 -13.66	33.16 2.49 -8.24	26.14 2.41 -2.20
HOMER_HL_115KV_TB2 355744	13.78 -0.20 -3.64	14.55 -0.21 -2.40	15.01 -0.24 -1.74	13.03 -0.19 -2.48	14.10 -0.21 -2.54	16.02 -0.25 -3.32	23.69 -0.46 -5.82	35.30 -0.81 -7.24	25.12 -0.43 -4.93	22.31 -0.38 -2.74	21.41 -0.25 -2.16	21.29 -0.23 -0.48	20.67 -0.31 -0.23	21.13 -0.19 -0.73	21.76 -0.22 -1.70	22.59 -0.20 -2.72	23.85 -0.15 -3.22	25.91 -0.19 -6.77	33.63 -0.49 -10.79	29.52 -0.36 -4.40	24.55 -0.20 -2.95	22.72 -0.20 -3.00	22.67 0.18 -0.06	22.02 0.43 -0.06
HOWARD_WT_PWR 323690	14.47 0.16 -3.97	15.20 0.22 -2.61	15.67 0.26 -1.90	13.66 0.21 -2.70	14.81 0.27 -2.76	16.89 0.32 -3.62	25.18 0.51 -6.34	37.39 0.63 -7.89	26.57 0.58 -5.37	23.52 0.58 -2.99	22.44 0.58 -2.35	22.20 0.63 -0.52	21.65 0.64 -0.25	22.00 0.62 -0.79	22.74 0.61 -1.85	23.68 0.64 -2.96	25.03 0.75 -3.51	27.39 0.68 -7.38	35.65 0.56 -11.76	31.06 0.79 -4.80	25.73 0.72 -3.21	23.75 0.56 -3.27	23.14 0.65 -0.06	22.34 0.75 -0.06
HQ_GEN_CEDARS 23644	5.18 -0.31 4.84	3.09 -0.37 8.89	1.99 -0.41 11.12	2.07 -0.32 8.36	2.60 -0.35 8.82	1.72 -0.40 10.83	4.05 -0.70 13.58	9.80 -1.13 17.95	5.52 -0.87 14.24	5.24 -0.80 13.91	4.62 -0.80 14.08	11.38 -0.86 8.81	19.90 -0.85 0.00	19.74 -0.84 0.00	19.43 -0.85 0.00	19.23 -0.84 0.00	13.83 -0.89 6.05	11.30 -0.77 7.26	22.54 -0.79 0.00	24.54 -0.94 0.00	10.58 -0.87 10.35	9.31 -0.78 9.83	11.04 -0.76 10.62	10.59 -0.73 10.21
HQ_GEN_CEDARS_PROXY 323590	5.18 -0.31 4.84	3.10 -0.37 8.89	1.99 -0.40 11.12	2.07 -0.32 8.36	2.60 -0.35 8.82	1.72 -0.40 10.83	4.03 -0.72 13.58	9.80 -1.13 17.95	5.54 -0.85 14.24	5.26 -0.78 13.91	4.64 -0.78 14.08	11.38 -0.86 8.81	19.92 -0.83 0.00	19.70 -0.88 0.00	19.43 -0.85 0.00	19.23 -0.84 0.00	13.83 -0.89 6.05	11.30 -0.77 7.26	22.54 -0.79 0.00	24.54 -0.94 0.00	10.58 -0.87 10.35	9.33 -0.76 9.83	11.04 -0.76 10.62	10.59 -0.73 10.21
HQ_GEN_IMPORT 323601	9.07 -0.21 1.06	10.17 -0.25 1.95	10.81 -0.27 2.43	8.70 -0.21 1.83	9.60 -0.24 1.93	10.32 -0.26 2.37	14.92 -0.40 3.01	24.13 -0.64 4.11	16.90 -0.47 3.25	16.34 -0.44 3.17	15.95 -0.43 3.13	18.66 -0.46 1.93	20.28 -0.48 0.00	20.12 -0.47 0.00	19.81 -0.47 0.00	19.61 -0.46 0.00	18.97 -0.48 1.32	17.32 -0.43 1.59	22.86 -0.47 0.00	24.94 -0.54 0.00	19.04 -0.48 2.28	17.32 -0.44 2.16	19.60 -0.49 2.34	18.81 -0.47 2.25
HQ_GEN_WHEEL 23651	9.07 -0.21 1.06	10.17 -0.25 1.95	10.81 -0.27 2.43	8.70 -0.21 1.83	9.60 -0.24 1.93	10.32 -0.26 2.37	14.92 -0.40 3.01	24.13 -0.64 4.11	16.90 -0.47 3.25	16.34 -0.44 3.17	15.95 -0.43 3.13	18.66 -0.46 1.93	20.28 -0.48 0.00	20.12 -0.47 0.00	19.81 -0.47 0.00	19.61 -0.46 0.00	18.97 -0.48 1.32	17.32 -0.43 1.59	22.86 -0.47 0.00	24.94 -0.54 0.00	19.04 -0.48 2.28	17.32 -0.44 2.16	19.60 -0.49 2.34	18.81 -0.47 2.25
HUDSON_AVE_GT_3 23810	23.13 0.85 -11.94	21.21 0.99 -7.86	20.24 1.01 -5.72	19.70 0.82 -8.14	20.93 0.84 -8.32	24.79 0.96 -10.88	38.94 1.52 -19.09	56.02 2.51 -24.64	38.72 1.81 -16.28	31.12 1.76 -9.42	33.31 1.93 -11.88	33.01 2.10 -9.86	31.48 2.05 -8.67	33.33 2.04 -10.70	34.88 2.01 -12.59	34.40 1.95 -12.38	33.73 2.02 -10.95	53.90 1.87 -32.70	66.56 2.26 -40.97	43.00 2.45 -15.08	33.91 2.09 -10.02	32.21 1.87 -10.42	24.70 2.06 -0.21	23.59 1.87 -0.19

HUDSON AVE_GT_4 23540	23.13 0.85 -11.94	21.21 0.99 -7.86	20.24 1.01 -5.72	19.70 0.82 -8.14	20.93 0.84 -8.32	24.79 0.96 -10.88	38.94 1.52 -19.09	56.02 2.51 -24.64	38.72 1.81 -16.28	31.12 1.76 -9.42	33.31 1.93 -11.88	33.01 2.10 -9.86	31.48 2.05 -8.67	33.33 2.04 -10.70	34.88 2.01 -12.59	34.40 1.95 -12.38	33.73 2.02 -10.95	53.90 1.87 -32.70	66.56 2.26 -40.97	43.00 2.45 -15.08	33.91 2.09 -10.02	32.21 1.87 -10.42	24.70 2.06 -0.21	23.59 1.87 -0.19
HUDSON AVE_GT_5 23657	23.13 0.85 -11.94	21.21 0.99 -7.86	20.24 1.01 -5.72	19.70 0.82 -8.14	20.93 0.84 -8.32	24.79 0.96 -10.88	38.94 1.52 -19.09	56.02 2.51 -24.64	38.72 1.81 -16.28	31.12 1.76 -9.42	33.31 1.93 -11.88	33.01 2.10 -9.86	31.48 2.05 -8.67	33.33 2.04 -10.70	34.88 2.01 -12.59	34.40 1.95 -12.38	33.73 2.02 -10.95	53.90 1.87 -32.70	66.56 2.26 -40.97	43.00 2.45 -15.08	33.91 2.09 -10.02	32.21 1.87 -10.42	24.70 2.06 -0.21	23.59 1.87 -0.19
HUDSON_AVE_10 24168	23.10 0.83 -11.94	21.17 0.95 -7.86	20.21 0.99 -5.72	19.68 0.80 -8.14	20.89 0.80 -8.32	24.75 0.92 -10.88	38.92 1.50 -19.09	56.00 2.48 -24.64	38.69 1.79 -16.28	31.08 1.72 -9.42	33.29 1.91 -11.88	32.99 2.08 -9.86	31.46 2.03 -8.67	33.30 2.02 -10.70	34.88 2.01 -12.59	34.38 1.93 -12.38	33.71 1.99 -10.95	53.90 1.87 -32.70	66.56 2.26 -40.97	43.00 2.45 -15.08	33.89 2.07 -10.02	32.19 1.85 -10.42	24.66 2.02 -0.21	23.57 1.85 -0.19
HUDSON___115KV_TB 4 355613	24.79 0.37 -14.09	22.08 0.44 -9.27	20.75 0.50 -6.74	20.71 0.37 -9.60	21.99 0.40 -9.82	26.22 0.43 -12.84	41.53 0.68 -22.53	57.54 1.15 -27.52	40.53 0.89 -19.02	31.04 0.72 -10.37	28.41 0.80 -8.11	23.68 0.88 -1.75	22.48 0.85 -0.88	24.09 0.76 -2.74	27.44 0.77 -6.40	31.12 0.84 -10.21	33.92 0.89 -12.26	46.20 0.93 -25.94	65.41 1.19 -40.89	43.42 1.27 -16.66	34.06 1.05 -11.22	32.07 0.84 -11.32	23.60 0.94 -0.23	22.59 0.84 -0.23
HUNTER MOUNT___DRP 323613	24.37 0.34 -13.69	21.77 0.40 -9.02	20.54 0.47 -6.55	20.41 0.33 -9.33	21.68 0.36 -9.54	25.81 0.38 -12.48	40.85 0.62 -21.90	56.89 1.10 -26.92	40.00 0.87 -18.51	30.73 0.62 -10.16	28.26 0.78 -7.97	23.71 0.93 -1.74	22.46 0.85 -0.86	23.97 0.70 -2.69	27.29 0.73 -6.28	30.90 0.80 -10.03	33.61 0.85 -11.98	45.52 0.89 -25.30	64.56 1.19 -40.04	43.07 1.27 -16.32	33.81 1.05 -10.97	31.82 0.80 -11.11	23.57 0.92 -0.22	22.59 0.84 -0.22
HUNTINGTON_RES_REC 323705	24.55 1.03 -13.18	22.02 1.22 -8.44	20.81 1.30 -6.00	21.67 1.04 -9.88	22.32 1.12 -9.43	26.77 1.26 -12.56	39.18 1.76 -19.09	56.45 2.95 -24.64	39.12 2.23 -16.27	31.48 2.04 -9.49	29.61 2.36 -7.75	27.35 2.63 -3.67	26.86 2.34 -3.77	27.77 2.57 -4.60	29.64 2.58 -6.78	32.09 2.33 -9.69	38.12 2.51 -14.83	66.78 2.34 -45.11	68.30 2.77 -42.19	80.16 3.06 -51.63	56.08 2.64 -31.65	38.99 2.45 -16.62	36.81 2.51 -11.87	26.01 2.28 -2.20
HUNTLEY___63 23557	13.68 0.04 -3.30	14.61 0.07 -2.17	15.13 0.04 -1.58	13.03 0.03 -2.25	14.11 0.04 -2.30	15.96 0.00 -3.01	23.31 -0.27 -5.26	34.73 -0.69 -6.56	24.79 -0.31 -4.47	22.18 -0.26 -2.48	21.36 -0.10 -1.96	21.44 -0.04 -0.43	20.80 -0.17 -0.21	21.31 0.06 -0.66	21.80 -0.02 -1.54	22.49 -0.04 -2.47	23.67 -0.02 -2.92	25.29 -0.17 -6.14	32.55 -0.56 -9.78	29.16 -0.31 -3.99	24.36 -0.11 -2.67	22.60 -0.04 -2.72	22.30 -0.18 -0.05	21.64 0.06 -0.05
HUNTLEY___64 23558	13.68 0.04 -3.30	14.61 0.07 -2.17	15.13 0.04 -1.58	13.03 0.03 -2.25	14.11 0.04 -2.30	15.96 0.00 -3.01	23.31 -0.27 -5.26	34.73 -0.69 -6.56	24.79 -0.31 -4.47	22.18 -0.26 -2.48	21.36 -0.10 -1.96	21.44 -0.04 -0.43	20.80 -0.17 -0.21	21.31 0.06 -0.66	21.80 -0.02 -1.54	22.49 -0.04 -2.47	23.67 -0.02 -2.92	25.29 -0.17 -6.14	32.55 -0.56 -9.78	29.16 -0.31 -3.99	24.36 -0.11 -2.67	22.60 -0.04 -2.72	22.30 -0.18 -0.05	21.64 0.06 -0.05
HUNTLEY___65 23559	13.68 0.04 -3.30	14.61 0.07 -2.17	15.13 0.04 -1.58	13.03 0.03 -2.25	14.11 0.04 -2.30	15.96 0.00 -3.01	23.31 -0.27 -5.26	34.73 -0.69 -6.56	24.79 -0.31 -4.47	22.18 -0.26 -2.48	21.36 -0.10 -1.96	21.44 -0.04 -0.43	20.80 -0.17 -0.21	21.31 0.06 -0.66	21.80 -0.02 -1.54	22.49 -0.04 -2.47	23.67 -0.02 -2.92	25.29 -0.17 -6.14	32.55 -0.56 -9.78	29.16 -0.31 -3.99	24.36 -0.11 -2.67	22.60 -0.04 -2.72	22.30 -0.18 -0.05	21.64 0.06 -0.05
HUNTLEY___66 23560	13.68 0.04 -3.30	14.61 0.07 -2.17	15.13 0.04 -1.58	13.03 0.03 -2.25	14.11 0.04 -2.30	15.96 0.00 -3.01	23.31 -0.27 -5.26	34.73 -0.69 -6.56	24.79 -0.31 -4.47	22.18 -0.26 -2.48	21.36 -0.10 -1.96	21.44 -0.04 -0.43	20.80 -0.17 -0.21	21.31 0.06 -0.66	21.80 -0.02 -1.54	22.49 -0.04 -2.47	23.67 -0.02 -2.92	25.29 -0.17 -6.14	32.55 -0.56 -9.78	29.16 -0.31 -3.99	24.36 -0.11 -2.67	22.60 -0.04 -2.72	22.30 -0.18 -0.05	21.64 0.06 -0.05
HUNTLEY___67 23561	13.67 -0.01 -3.35	14.58 0.01 -2.20	15.09 -0.03 -1.60	13.02 -0.01 -2.28	14.08 -0.02 -2.33	15.95 -0.05 -3.05	23.37 -0.31 -5.35	34.78 -0.75 -6.66	24.79 -0.37 -4.53	22.13 -0.34 -2.52	21.32 -0.18 -1.99	21.36 -0.13 -0.44	20.72 -0.25 -0.21	21.19 -0.06 -0.67	21.72 -0.12 -1.56	22.43 -0.14 -2.50	23.63 -0.10 -2.96	25.33 -0.23 -6.23	32.62 -0.63 -9.92	29.14 -0.38 -4.05	24.33 -0.17 -2.71	22.58 -0.10 -2.76	22.26 -0.22 -0.05	21.62 0.04 -0.05
HUNTLEY___68 23562	13.67 -0.01 -3.35	14.58 0.01 -2.20	15.09 -0.03 -1.60	13.02 -0.01 -2.28	14.08 -0.02 -2.33	15.95 -0.05 -3.05	23.37 -0.31 -5.35	34.78 -0.75 -6.66	24.79 -0.37 -4.53	22.13 -0.34 -2.52	21.32 -0.18 -1.99	21.36 -0.13 -0.44	20.72 -0.25 -0.21	21.19 -0.06 -0.67	21.72 -0.12 -1.56	22.43 -0.14 -2.50	23.63 -0.10 -2.96	25.33 -0.23 -6.23	32.62 -0.63 -9.92	29.14 -0.38 -4.05	24.33 -0.17 -2.71	22.58 -0.10 -2.76	22.26 -0.22 -0.05	21.62 0.04 -0.05
HYLAND___LFGE 323620	14.44 0.56 -3.54	15.37 0.68 -2.33	15.92 0.72 -1.70	13.76 0.60 -2.41	14.92 0.68 -2.47	16.96 0.78 -3.23	25.18 1.19 -5.66	37.88 1.96 -7.04	26.86 1.44 -4.80	23.63 1.02 -2.67	22.62 1.01 -2.10	22.52 1.01 -0.46	21.79 0.81 -0.23	22.28 0.99 -0.71	22.91 0.97 -1.65	23.82 1.10 -2.65	25.24 1.33 -3.13	27.25 1.33 -6.59	35.41 1.59 -10.50	31.82 2.06 -4.28	26.43 1.76 -2.87	24.29 1.45 -2.92	23.81 1.32 -0.06	22.94 1.36 -0.06
INDECK___CORINTH 23802	25.77 0.60 -14.83	22.86 0.73 -9.77	21.54 0.93 -7.10	21.56 0.71 -10.11	23.03 0.92 -10.34	27.53 1.06 -13.52	43.71 1.67 -23.72	60.19 2.69 -28.63	42.53 1.92 -19.99	32.48 1.78 -10.75	29.59 1.72 -8.36	24.55 1.73 -1.78	23.32 1.66 -0.91	25.10 1.69 -2.83	28.53 1.64 -6.61	32.33 1.73 -10.53	35.11 1.58 -12.76	47.98 1.51 -27.14	67.64 1.84 -42.47	44.77 1.99 -17.30	35.20 1.72 -11.68	33.02 1.39 -11.70	24.04 1.37 -0.24	22.97 1.20 -0.24
INDECK___ILION 23567	11.10 0.17 -0.60	13.31 0.20 -0.75	14.57 0.22 -0.84	11.65 0.17 -0.73	12.73 0.20 -0.76	14.13 0.23 -0.95	20.03 0.37 -1.34	31.13 0.49 -1.77	22.31 0.35 -1.33	21.41 0.32 -1.13	20.87 0.29 -1.07	21.98 0.34 -0.59	21.10 0.33 -0.02	21.04 0.39 -0.06	20.74 0.32 -0.14	20.59 0.30 -0.22	21.73 0.31 -0.64	20.62 0.29 -1.01	24.56 0.35 -0.87	26.22 0.38 -0.36	23.00 0.31 -0.90	21.07 0.28 -0.87	23.47 0.36 -0.69	22.55 0.37 -0.66

INDECK___OLEAN 23982	13.78 -0.20 -3.64	14.55 -0.21 -2.40	15.01 -0.24 -1.74	13.03 -0.19 -2.48	14.10 -0.21 -2.54	16.01 -0.26 -3.32	23.69 -0.46 -5.82	35.30 -0.81 -7.24	25.12 -0.43 -4.93	22.31 -0.38 -2.74	21.41 -0.25 -2.16	21.31 -0.21 -0.48	20.74 -0.25 -0.23	21.11 -0.21 -0.73	21.76 -0.22 -1.70	22.59 -0.20 -2.72	23.87 -0.12 -3.22	25.91 -0.19 -6.77	33.63 -0.49 -10.79	29.52 -0.36 -4.40	24.53 -0.22 -2.95	22.66 -0.26 -3.00	22.67 0.18 -0.06	22.02 0.43 -0.06
INDECK___OSWEGO 23783	12.31 -0.11 -2.09	13.61 -0.12 -1.37	14.39 -0.12 -1.00	12.07 -0.10 -1.42	13.12 -0.11 -1.45	14.73 -0.12 -1.90	21.50 -0.17 -3.34	32.73 -0.29 -4.15	23.24 -0.21 -2.82	21.34 -0.18 -1.57	20.45 -0.29 -1.24	20.98 -0.34 -0.27	20.61 -0.27 -0.13	20.70 -0.31 -0.42	20.95 -0.30 -0.97	21.32 -0.30 -1.56	22.31 -0.31 -1.84	22.91 -0.29 -3.87	29.13 -0.37 -6.17	27.59 -0.41 -2.52	23.16 -0.33 -1.69	21.38 -0.26 -1.72	22.22 -0.25 -0.03	21.39 -0.17 -0.03
INDECK___YERKES 23781	13.68 0.04 -3.30	14.62 0.09 -2.17	15.14 0.05 -1.58	13.04 0.04 -2.25	14.09 0.02 -2.30	15.96 0.00 -3.01	23.37 -0.22 -5.26	34.76 -0.66 -6.56	24.80 -0.29 -4.47	22.24 -0.20 -2.48	21.38 -0.08 -1.96	21.46 -0.02 -0.43	20.94 -0.02 -0.21	21.27 0.02 -0.66	21.82 0.00 -1.54	22.54 0.00 -2.47	23.69 0.00 -2.92	25.31 -0.16 -6.14	32.60 -0.51 -9.78	29.21 -0.25 -3.99	24.38 -0.09 -2.67	22.52 -0.12 -2.72	22.33 -0.16 -0.05	21.67 0.09 -0.05
INDIAN POINT_GT_1 24139	22.78 0.71 -11.73	20.93 0.84 -7.73	20.01 0.88 -5.62	19.45 0.71 -8.00	20.68 0.73 -8.18	24.48 0.83 -10.70	38.39 1.30 -18.76	55.15 2.08 -24.20	38.10 1.49 -15.99	30.63 1.44 -9.25	28.53 1.62 -7.41	24.49 1.75 -1.70	23.26 1.72 -0.78	24.75 1.69 -2.47	27.75 1.68 -5.79	31.00 1.63 -9.30	33.19 1.68 -10.74	43.13 1.55 -22.25	61.43 1.87 -36.23	42.31 2.04 -14.79	33.38 1.74 -9.84	31.69 1.55 -10.22	24.32 1.70 -0.19	23.27 1.55 -0.19
INDIAN POINT_GT_2 23659	22.78 0.71 -11.73	20.93 0.84 -7.73	20.01 0.88 -5.62	19.45 0.71 -8.00	20.68 0.73 -8.18	24.48 0.83 -10.70	38.39 1.30 -18.76	55.15 2.08 -24.20	38.10 1.49 -15.99	30.63 1.44 -9.25	28.53 1.62 -7.41	24.49 1.75 -1.70	23.26 1.72 -0.78	24.75 1.69 -2.47	27.75 1.68 -5.79	31.00 1.63 -9.30	33.19 1.68 -10.74	43.13 1.55 -22.25	61.43 1.87 -36.23	42.31 2.04 -14.79	33.38 1.74 -9.84	31.69 1.55 -10.22	24.32 1.70 -0.19	23.27 1.55 -0.19
INDIAN POINT_GT_3 24019	22.78 0.71 -11.73	20.93 0.84 -7.73	20.01 0.88 -5.62	19.45 0.71 -8.00	20.68 0.73 -8.18	24.48 0.83 -10.70	38.39 1.30 -18.76	55.15 2.08 -24.20	38.10 1.49 -15.99	30.63 1.44 -9.25	28.53 1.62 -7.41	24.49 1.75 -1.70	23.26 1.72 -0.78	24.75 1.69 -2.47	27.75 1.68 -5.79	31.00 1.63 -9.30	33.19 1.68 -10.74	43.13 1.55 -22.25	61.43 1.87 -36.23	42.31 2.04 -14.79	33.38 1.74 -9.84	31.69 1.55 -10.22	24.32 1.70 -0.19	23.27 1.55 -0.19
INDIAN POINT___2 23530	22.39 0.70 -11.35	20.66 0.83 -7.47	19.81 0.87 -5.43	19.18 0.70 -7.73	20.41 0.73 -7.91	24.11 0.82 -10.35	37.76 1.28 -18.15	54.29 2.05 -23.37	37.53 1.44 -15.46	30.27 1.40 -8.92	28.23 1.58 -7.14	24.41 1.73 -1.64	23.17 1.66 -0.76	24.64 1.67 -2.39	27.53 1.66 -5.59	30.65 1.61 -8.97	32.80 1.66 -10.37	42.34 1.51 -21.50	60.13 1.82 -34.98	41.72 1.96 -14.28	33.00 1.70 -9.50	31.33 1.55 -9.86	24.30 1.68 -0.18	23.24 1.53 -0.18
INDIAN POINT___3 23531	23.09 0.72 -12.03	21.13 0.85 -7.92	20.16 0.89 -5.76	19.66 0.72 -8.19	20.89 0.74 -8.38	24.75 0.84 -10.96	38.86 1.30 -19.23	55.81 2.11 -24.83	38.52 1.51 -16.39	30.92 1.48 -9.49	28.75 1.64 -7.61	24.58 1.79 -1.75	23.30 1.74 -0.80	24.84 1.71 -2.54	27.93 1.70 -5.95	31.27 1.65 -9.55	33.49 1.70 -11.01	43.73 1.58 -22.82	62.43 1.91 -37.19	42.72 2.06 -15.18	33.66 1.77 -10.10	31.98 1.57 -10.49	24.35 1.73 -0.19	23.29 1.57 -0.19
INGHAM_C_115KV_TB7 356103	11.24 0.30 -0.60	13.47 0.36 -0.75	14.76 0.41 -0.84	11.80 0.32 -0.73	12.90 0.36 -0.76	14.32 0.41 -0.95	20.30 0.64 -1.34	31.45 0.81 -1.77	22.54 0.58 -1.33	21.62 0.54 -1.13	21.10 0.53 -1.07	22.23 0.59 -0.59	21.33 0.56 -0.02	21.35 0.70 -0.06	20.96 0.55 -0.14	20.79 0.50 -0.22	21.91 0.50 -0.64	20.80 0.46 -1.01	24.77 0.56 -0.87	26.42 0.59 -0.36	23.16 0.46 -0.90	21.25 0.46 -0.87	23.77 0.65 -0.69	22.83 0.65 -0.66
IP CORINTH___1 23988	25.77 0.60 -14.83	22.86 0.73 -9.77	21.54 0.93 -7.10	21.56 0.71 -10.11	23.05 0.94 -10.34	27.55 1.07 -13.52	43.71 1.67 -23.72	60.19 2.69 -28.63	42.53 1.92 -19.99	32.48 1.78 -10.75	29.59 1.72 -8.36	24.55 1.73 -1.78	23.36 1.70 -0.91	25.06 1.65 -2.83	28.53 1.64 -6.61	32.33 1.73 -10.53	35.12 1.58 -12.76	47.98 1.51 -27.14	67.64 1.84 -42.47	44.77 1.99 -17.30	35.18 1.70 -11.68	32.98 1.35 -11.70	24.04 1.37 -0.24	22.97 1.21 -0.24
IP___TICONDEROGA 23804	26.28 1.12 -14.83	23.48 1.36 -9.76	22.23 1.62 -7.10	22.06 1.21 -10.10	23.63 1.53 -10.33	28.20 1.74 -13.51	44.73 2.69 -23.71	61.83 4.36 -28.60	43.70 3.09 -19.98	33.54 2.85 -10.74	30.53 2.67 -8.35	25.50 2.67 -1.78	24.03 2.37 -0.91	25.70 2.29 -2.82	29.17 2.29 -6.60	33.02 2.43 -10.52	35.87 2.35 -12.75	48.81 2.36 -27.12	68.61 2.87 -42.41	46.12 3.36 -17.28	36.34 2.88 -11.67	33.94 2.33 -11.69	25.07 2.40 -0.24	23.90 2.13 -0.24
ISLIP_RES_REC 323679	24.70 1.18 -13.18	22.19 1.40 -8.44	21.04 1.47 -6.05	21.86 1.18 -9.93	22.45 1.25 -9.43	26.90 1.39 -12.56	39.30 1.89 -19.09	56.74 3.23 -24.64	39.37 2.47 -16.27	31.63 2.23 -9.45	29.70 2.55 -7.64	27.56 2.88 -3.63	27.03 2.55 -3.73	27.97 2.82 -4.56	29.31 2.72 -6.31	32.11 2.47 -9.58	36.16 2.64 -12.75	54.90 2.44 -33.13	65.59 2.89 -39.36	60.77 3.16 -32.13	44.66 2.75 -20.12	35.79 2.57 -13.30	32.82 2.58 -7.81	26.25 2.52 -2.20
JAMAICA__27_KV_LOAD 355505	23.16 0.88 -11.94	21.22 1.00 -7.86	20.25 1.03 -5.72	19.71 0.83 -8.14	20.93 0.84 -8.32	24.82 0.98 -10.88	39.03 1.61 -19.09	56.23 2.71 -24.64	38.88 1.98 -16.28	31.24 1.88 -9.42	33.49 2.11 -11.88	33.18 2.27 -9.86	31.69 2.26 -8.67	33.49 2.20 -10.70	35.08 2.21 -12.59	34.60 2.15 -12.38	33.90 2.18 -10.95	54.13 2.11 -32.70	66.87 2.57 -40.97	43.26 2.70 -15.08	34.08 2.27 -10.02	32.35 2.01 -10.42	24.84 2.20 -0.21	23.70 1.98 -0.19
JANIS___SOLAR 323808	15.74 0.58 -4.82	16.24 0.70 -3.17	16.60 0.78 -2.31	14.65 0.62 -3.29	15.85 0.72 -3.36	18.16 0.82 -4.39	27.34 1.30 -7.71	40.62 2.17 -9.59	28.58 1.42 -6.53	24.86 1.28 -3.63	23.46 1.09 -2.86	22.79 1.11 -0.63	22.16 1.10 -0.31	22.62 1.07 -0.96	23.61 1.07 -2.25	24.82 1.14 -3.61	26.38 1.33 -4.27	29.68 1.37 -8.98	39.34 1.70 -14.31	33.17 1.86 -5.83	27.20 1.50 -3.90	25.17 1.28 -3.98	23.88 1.37 -0.08	22.94 1.34 -0.08
JARVIS____ 23743	10.98 0.04 -0.60	13.16 0.05 -0.75	14.42 0.07 -0.84	11.53 0.05 -0.73	12.59 0.06 -0.76	13.97 0.07 -0.95	19.77 0.11 -1.34	30.81 0.17 -1.77	22.08 0.12 -1.33	21.21 0.12 -1.13	20.68 0.10 -1.07	21.75 0.11 -0.59	20.90 0.13 -0.02	20.77 0.12 -0.06	20.54 0.12 -0.14	20.41 0.12 -0.22	21.54 0.13 -0.64	20.45 0.12 -1.01	24.32 0.12 -0.87	25.96 0.13 -0.36	22.81 0.11 -0.90	20.89 0.10 -0.87	23.23 0.11 -0.69	22.29 0.11 -0.66

JENNISON___1 23625	16.86 0.63 -5.89	16.99 0.75 -3.88	17.17 0.84 -2.82	15.41 0.66 -4.01	16.63 0.75 -4.10	19.16 0.84 -5.37	29.10 1.36 -9.42	42.77 2.19 -11.71	30.11 1.51 -7.98	25.74 1.36 -4.43	24.30 1.31 -3.49	23.23 1.41 -0.77	22.43 1.31 -0.38	23.12 1.36 -1.18	24.31 1.28 -2.75	25.81 1.34 -4.40	27.44 1.45 -5.21	31.75 1.47 -10.95	42.58 1.80 -17.45	34.53 1.94 -7.12	28.16 1.59 -4.77	26.13 1.35 -4.86	23.98 1.46 -0.10	23.02 1.40 -0.10
JENNISON___2 23626	16.86 0.63 -5.89	16.99 0.75 -3.88	17.17 0.84 -2.82	15.41 0.66 -4.01	16.63 0.75 -4.10	19.16 0.84 -5.37	29.10 1.36 -9.42	42.77 2.19 -11.71	30.11 1.51 -7.98	25.74 1.36 -4.43	24.30 1.31 -3.49	23.23 1.41 -0.77	22.43 1.31 -0.38	23.12 1.36 -1.18	24.31 1.28 -2.75	25.81 1.34 -4.40	27.44 1.45 -5.21	31.75 1.47 -10.95	42.58 1.80 -17.45	34.53 1.94 -7.12	28.16 1.59 -4.77	26.13 1.35 -4.86	23.98 1.46 -0.10	23.02 1.40 -0.10
JERICHO_RISE_WT_PWR 323719	4.84 -0.52 4.97	2.54 -0.68 9.14	1.21 -0.88 11.43	1.46 -0.70 8.59	1.93 -0.78 9.06	0.90 -0.92 11.13	-0.12 -1.43 17.02	-7.62 -2.08 34.41	-7.46 -1.55 26.54	-7.42 -1.56 25.82	-0.19 -1.44 18.25	10.54 -1.45 9.05	19.11 -1.64 0.00	19.04 -1.54 0.00	18.84 -1.44 0.00	18.69 -1.38 0.00	13.13 -1.43 6.21	10.62 -1.26 7.46	22.23 -1.10 0.00	24.10 -1.38 0.00	9.98 -1.09 10.73	8.68 -1.04 10.20	10.20 -1.21 11.02	9.73 -1.21 10.59
KATONAH___115KV_46KV_TB4 355592	23.18 0.76 -12.08	21.21 0.90 -7.95	20.22 0.93 -5.78	19.74 0.76 -8.23	20.95 0.77 -8.42	24.83 0.87 -11.01	39.03 1.39 -19.31	56.02 2.25 -24.90	38.73 1.65 -16.46	31.04 1.58 -9.51	28.88 1.76 -7.62	24.67 1.87 -1.75	23.38 1.83 -0.81	24.94 1.81 -2.54	28.04 1.80 -5.96	31.38 1.75 -9.57	33.58 1.77 -11.04	43.91 1.68 -22.90	62.68 2.08 -37.27	42.91 2.22 -15.22	33.79 1.87 -10.12	32.12 1.69 -10.51	24.42 1.79 -0.20	23.34 1.61 -0.20
KCE_NY_1 323755	25.76 0.61 -14.81	22.86 0.74 -9.75	21.47 0.87 -7.09	21.51 0.67 -10.09	22.88 0.79 -10.32	27.35 0.89 -13.50	43.37 1.36 -23.69	59.59 2.17 -28.55	42.11 1.53 -19.96	32.11 1.44 -10.72	29.24 1.41 -8.33	24.27 1.45 -1.77	23.07 1.41 -0.91	24.85 1.44 -2.82	28.28 1.42 -6.58	32.01 1.45 -10.50	34.96 1.45 -12.73	47.85 1.43 -27.09	67.40 1.73 -42.34	44.56 1.84 -17.25	35.03 1.59 -11.65	32.92 1.33 -11.66	24.06 1.39 -0.24	23.01 1.25 -0.24
KCE_NY_6_ESR 323823	13.78 0.02 -3.42	14.66 0.05 -2.25	15.16 0.01 -1.64	13.10 0.02 -2.33	14.16 0.01 -2.38	16.05 -0.01 -3.12	23.59 -0.20 -5.46	35.12 -0.55 -6.80	25.05 -0.21 -4.63	22.36 -0.16 -2.57	21.51 -0.02 -2.03	21.54 0.04 -0.45	20.99 0.02 -0.22	21.33 0.06 -0.68	21.92 0.04 -1.60	22.68 0.06 -2.55	23.88 0.08 -3.03	25.65 -0.04 -6.36	33.09 -0.37 -10.13	29.48 -0.13 -4.13	24.56 0.00 -2.77	22.70 -0.04 -2.82	22.51 0.02 -0.06	21.86 0.28 -0.06
KEDC_PORT_JEFF_GT2 24210	24.62 1.10 -13.18	22.11 1.31 -8.44	20.96 1.39 -6.06	21.81 1.12 -9.94	22.36 1.15 -9.43	26.81 1.29 -12.56	39.12 1.70 -19.09	56.34 2.83 -24.64	39.10 2.21 -16.27	31.48 2.07 -9.46	29.57 2.40 -7.66	27.40 2.72 -3.64	26.87 2.39 -3.74	27.80 2.64 -4.57	29.25 2.56 -6.41	31.98 2.31 -9.60	36.38 2.41 -13.20	57.27 2.22 -35.72	65.94 2.64 -39.98	64.70 2.88 -36.34	46.89 2.48 -22.61	36.29 2.35 -14.02	33.56 2.45 -8.69	26.10 2.37 -2.20
KEDC_PORT_JEFF_GT3 24211	24.62 1.10 -13.18	22.11 1.31 -8.44	20.96 1.39 -6.06	21.81 1.12 -9.94	22.36 1.15 -9.43	26.81 1.29 -12.56	39.12 1.70 -19.09	56.34 2.83 -24.64	39.10 2.21 -16.27	31.48 2.07 -9.46	29.57 2.40 -7.66	27.40 2.72 -3.64	26.87 2.39 -3.74	27.80 2.64 -4.57	29.25 2.56 -6.41	31.98 2.31 -9.60	36.38 2.41 -13.20	57.27 2.22 -35.72	65.94 2.64 -39.98	64.70 2.88 -36.34	46.89 2.48 -22.61	36.29 2.35 -14.02	33.56 2.45 -8.69	26.10 2.37 -2.20
KEDC_GLWD_GT4 24219	24.48 0.96 -13.18	21.95 1.15 -8.44	20.73 1.20 -6.02	21.61 0.97 -9.90	22.23 1.02 -9.43	26.67 1.15 -12.56	39.12 1.70 -19.09	56.25 2.74 -24.64	38.90 2.00 -16.27	31.28 1.92 -9.41	29.21 2.16 -7.54	27.02 2.38 -3.60	26.66 2.22 -3.69	27.42 2.31 -4.53	28.47 2.29 -5.90	31.65 2.11 -9.47	33.98 2.26 -10.94	44.18 2.11 -22.74	62.76 2.52 -36.91	43.45 2.75 -15.22	34.26 2.35 -10.11	32.54 2.19 -10.43	29.03 2.31 -4.29	25.84 2.11 -2.20
KEDC_GLWD_GT5 24220	24.48 0.96 -13.18	21.95 1.15 -8.44	20.73 1.20 -6.02	21.61 0.97 -9.90	22.23 1.02 -9.43	26.67 1.15 -12.56	39.12 1.70 -19.09	56.25 2.74 -24.64	38.90 2.00 -16.27	31.28 1.92 -9.41	29.21 2.16 -7.54	27.02 2.38 -3.60	26.66 2.22 -3.69	27.42 2.31 -4.53	28.47 2.29 -5.90	31.65 2.11 -9.47	33.98 2.26 -10.94	44.18 2.11 -22.74	62.76 2.52 -36.91	43.45 2.75 -15.22	34.26 2.35 -10.11	32.54 2.19 -10.43	29.03 2.31 -4.29	25.84 2.11 -2.20
KENSICO____ 23655	23.00 0.74 -11.92	21.09 0.88 -7.85	20.12 0.91 -5.71	19.60 0.73 -8.12	20.84 0.77 -8.31	24.69 0.87 -10.87	38.75 1.36 -19.07	55.67 2.19 -24.61	38.44 1.57 -16.25	30.87 1.52 -9.40	28.74 1.70 -7.53	24.63 1.85 -1.73	23.35 1.81 -0.80	24.88 1.77 -2.52	27.93 1.76 -5.89	31.24 1.71 -9.46	33.45 1.77 -10.92	43.59 1.64 -22.62	62.16 1.98 -36.85	42.66 2.14 -15.04	33.61 1.81 -10.01	31.92 1.61 -10.39	24.42 1.79 -0.19	23.33 1.61 -0.19
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.02 0.73 -10.95	20.41 0.84 -7.21	19.64 0.89 -5.24	18.94 0.73 -7.46	20.15 0.75 -7.63	23.80 0.87 -9.98	37.22 1.39 -17.50	53.12 2.05 -22.20	36.88 1.38 -14.87	29.61 1.22 -8.44	27.66 1.44 -6.72	24.16 1.60 -1.51	23.00 1.54 -0.72	24.42 1.59 -2.25	27.07 1.52 -5.27	30.04 1.53 -8.44	32.19 1.56 -9.86	41.33 1.43 -20.57	58.31 1.82 -33.16	41.02 2.01 -13.53	32.49 1.66 -9.03	30.69 1.47 -9.30	24.29 1.68 -0.18	23.25 1.55 -0.18
KIAC_JFK_GT1 23816	23.13 0.85 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.68 0.80 -8.14	20.90 0.81 -8.32	24.78 0.95 -10.88	38.98 1.56 -19.09	56.17 2.66 -24.64	38.84 1.94 -16.28	31.20 1.84 -9.42	33.45 2.07 -11.88	33.14 2.23 -9.86	31.65 2.22 -8.67	33.43 2.14 -10.70	35.04 2.17 -12.59	34.54 2.09 -12.38	33.86 2.14 -10.95	54.09 2.07 -32.70	66.80 2.50 -40.97	43.18 2.62 -15.08	34.04 2.22 -10.02	32.31 1.97 -10.42	24.77 2.13 -0.21	23.63 1.92 -0.19
KIAC_JFK_GT2 23817	23.13 0.85 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.68 0.80 -8.14	20.90 0.81 -8.32	24.78 0.95 -10.88	38.98 1.56 -19.09	56.17 2.66 -24.64	38.84 1.94 -16.28	31.20 1.84 -9.42	33.45 2.07 -11.88	33.14 2.23 -9.86	31.65 2.22 -8.67	33.43 2.14 -10.70	35.04 2.17 -12.59	34.54 2.09 -12.38	33.86 2.14 -10.95	54.09 2.07 -32.70	66.80 2.50 -40.97	43.18 2.62 -15.08	34.04 2.22 -10.02	32.31 1.97 -10.42	24.77 2.13 -0.21	23.63 1.92 -0.19
KIAC_JFK____ 323774	23.13 0.85 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.68 0.80 -8.14	20.91 0.82 -8.32	24.78 0.94 -10.88	39.00 1.58 -19.09	56.17 2.65 -24.64	38.84 1.94 -16.28	31.16 1.80 -9.42	33.45 2.07 -11.88	33.16 2.25 -9.86	31.56 2.14 -8.67	33.47 2.18 -10.70	35.04 2.17 -12.59	34.54 2.09 -12.38	33.90 2.18 -10.95	54.07 2.05 -32.70	66.80 2.50 -40.97	43.18 2.62 -15.08	34.02 2.20 -10.02	32.33 1.99 -10.42	24.77 2.13 -0.21	23.66 1.94 -0.19

KINTIGH____ 23543	13.50 0.07 -3.10	14.51 0.11 -2.04	15.06 0.07 -1.48	12.92 0.06 -2.11	14.00 0.07 -2.16	15.84 0.06 -2.82	23.17 -0.11 -4.95	34.62 -0.40 -6.15	24.67 -0.14 -4.19	22.14 -0.14 -2.33	21.30 -0.04 -1.84	21.47 0.02 -0.41	20.87 -0.08 -0.20	21.27 0.06 -0.62	21.74 0.02 -1.45	22.38 0.00 -2.31	23.53 0.02 -2.74	24.99 -0.10 -5.76	32.09 -0.42 -9.17	29.04 -0.18 -3.74	24.28 -0.02 -2.51	22.51 0.04 -2.55	22.28 -0.20 -0.05	21.55 -0.02 -0.05
KNTFSRNC_46_KV_46KV_LOAD 80397	4.88 -0.40 5.06	2.52 -0.54 9.29	1.15 -0.74 11.62	1.44 -0.58 8.73	1.91 -0.65 9.21	0.86 -0.78 11.32	0.01 -1.21 17.11	-6.75 -1.67 33.95	-6.87 -1.28 26.21	-6.75 -1.20 25.50	0.00 -1.19 18.31	10.56 -1.28 9.20	19.36 -1.39 0.00	19.08 -1.50 0.00	18.98 -1.30 0.00	18.83 -1.24 0.00	13.17 -1.29 6.32	10.67 -1.08 7.58	22.58 -0.75 0.00	24.43 -1.04 0.00	10.05 -0.83 10.91	8.75 -0.80 10.37	10.21 -1.01 11.21	9.70 -1.05 10.77
LACHUTE__HYDRO 323717	26.27 1.11 -14.83	23.48 1.36 -9.76	22.23 1.62 -7.10	22.06 1.21 -10.10	23.60 1.49 -10.33	28.19 1.72 -13.51	44.73 2.69 -23.71	61.83 4.36 -28.60	43.70 3.09 -19.98	33.56 2.87 -10.74	30.53 2.67 -8.35	25.50 2.67 -1.78	23.98 2.32 -0.91	25.74 2.33 -2.82	29.17 2.29 -6.60	33.04 2.45 -10.52	35.87 2.35 -12.75	48.81 2.36 -27.12	68.61 2.87 -42.41	46.12 3.36 -17.28	36.38 2.92 -11.67	33.96 2.35 -11.69	25.07 2.40 -0.24	23.90 2.13 -0.24
LAWRNCV_115KV_TB1 80681	6.11 -0.42 3.80	4.45 -0.51 7.40	3.59 -0.54 9.38	3.38 -0.43 6.93	3.98 -0.47 7.32	3.42 -0.56 8.98	6.51 -1.01 10.81	14.00 -1.65 13.22	8.69 -1.30 10.64	8.08 -1.26 10.61	6.70 -1.27 11.53	12.16 -1.37 7.52	19.43 -1.35 -0.02	19.28 -1.38 -0.07	19.09 -1.36 -0.17	19.01 -1.32 -0.27	14.50 -1.39 4.88	12.58 -1.18 5.57	23.17 -1.21 -1.06	24.48 -1.43 -0.43	11.86 -1.33 8.61	10.60 -1.16 8.16	12.27 -1.03 9.13	11.83 -0.93 8.77
LEDERLE____ 23769	22.00 0.73 -10.93	20.41 0.85 -7.20	19.63 0.89 -5.23	18.91 0.72 -7.45	20.14 0.75 -7.62	23.77 0.85 -9.96	37.14 1.34 -17.48	53.44 2.11 -22.46	36.95 1.44 -14.89	29.92 1.40 -8.57	27.96 1.60 -6.86	24.36 1.75 -1.57	23.18 1.70 -0.73	24.57 1.69 -2.29	27.33 1.68 -5.37	30.33 1.65 -8.61	32.42 1.68 -9.97	41.52 1.51 -20.68	58.76 1.82 -33.61	41.19 1.99 -13.72	32.65 1.72 -9.13	30.94 1.55 -9.47	24.33 1.73 -0.18	23.27 1.57 -0.18
LIGHTHSE_115KV_TB6 355974	11.93 -0.03 -1.62	12.96 -0.04 -0.64	13.63 0.00 -0.12	11.46 -0.01 -0.73	12.50 0.01 -0.72	13.97 0.03 -1.00	20.60 0.07 -2.20	31.79 0.09 -2.83	22.40 -0.02 -1.79	20.51 -0.06 -0.62	19.52 -0.16 -0.18	20.48 -0.17 0.40	20.69 -0.19 -0.13	20.82 -0.16 -0.40	21.00 -0.20 -0.93	21.35 -0.20 -1.48	21.91 -0.17 -1.30	22.40 -0.08 -3.14	29.11 -0.09 -5.87	27.77 -0.10 -2.40	22.50 -0.13 -0.83	20.74 -0.08 -0.90	21.64 -0.02 0.76	20.82 0.02 0.73
LINDEN COGEN____ 23786	23.06 0.79 -11.94	21.14 0.91 -7.86	20.17 0.95 -5.72	19.65 0.76 -8.14	20.87 0.78 -8.32	24.72 0.88 -10.88	38.85 1.43 -19.09	55.82 2.31 -24.64	38.57 1.67 -16.28	31.02 1.66 -9.42	33.19 1.81 -11.88	32.89 1.98 -9.86	31.36 1.93 -8.67	33.20 1.91 -10.70	34.73 1.86 -12.59	34.26 1.81 -12.38	33.61 1.89 -10.95	53.77 1.74 -32.70	66.40 2.10 -40.97	42.85 2.29 -15.08	33.76 1.94 -10.02	32.11 1.77 -10.42	24.59 1.95 -0.21	23.46 1.74 -0.19
LINDHRST_69_KV_BK1 356055	24.64 1.12 -13.18	22.11 1.32 -8.43	20.87 1.35 -6.01	21.73 1.10 -9.89	22.36 1.17 -9.42	26.83 1.32 -12.56	39.25 1.83 -19.09	56.54 3.03 -24.64	39.16 2.27 -16.27	31.62 2.25 -9.42	29.36 2.30 -7.55	27.23 2.59 -3.60	27.12 2.68 -3.69	27.49 2.37 -4.53	28.64 2.43 -5.93	31.78 2.23 -9.48	34.29 2.43 -11.08	45.10 2.22 -23.55	63.07 2.64 -37.10	44.91 2.90 -16.53	35.19 2.51 -10.89	32.84 2.27 -10.65	29.43 2.44 -4.56	26.12 2.39 -2.20
LIPA_MISC_IPP 23656	24.63 1.11 -13.18	22.11 1.32 -8.43	20.98 1.42 -6.05	21.82 1.14 -9.93	22.36 1.17 -9.42	26.81 1.31 -12.56	39.18 1.76 -19.09	56.45 2.94 -24.64	39.16 2.27 -16.27	31.70 2.29 -9.46	29.58 2.42 -7.66	27.40 2.72 -3.64	27.31 2.82 -3.73	27.57 2.41 -4.57	29.21 2.56 -6.38	31.97 2.31 -9.59	36.33 2.51 -13.04	56.45 2.30 -34.82	65.82 2.73 -39.76	63.33 2.98 -34.87	46.11 2.57 -21.74	36.02 2.33 -13.77	33.28 2.47 -8.38	26.12 2.39 -2.20
LISF__SOLAR 323691	24.65 1.13 -13.18	22.13 1.34 -8.44	21.02 1.45 -6.06	21.85 1.16 -9.94	22.39 1.19 -9.43	26.83 1.32 -12.56	39.21 1.80 -19.09	56.48 2.97 -24.64	39.19 2.29 -16.27	31.50 2.09 -9.45	29.58 2.42 -7.66	27.42 2.73 -3.64	26.91 2.43 -3.73	27.83 2.68 -4.57	29.25 2.60 -6.37	31.99 2.33 -9.59	36.31 2.51 -13.03	56.38 2.32 -34.73	65.83 2.75 -39.74	63.24 3.03 -34.73	46.07 2.61 -21.66	36.12 2.45 -13.75	33.32 2.53 -8.35	26.16 2.43 -2.20
LITTLE FALLS__HYD 24013	11.24 0.30 -0.60	13.47 0.36 -0.75	14.76 0.41 -0.84	11.80 0.32 -0.73	12.90 0.36 -0.76	14.32 0.41 -0.95	20.30 0.64 -1.34	31.45 0.81 -1.77	22.54 0.58 -1.33	21.62 0.54 -1.13	21.10 0.53 -1.07	22.23 0.59 -0.59	21.33 0.56 -0.02	21.35 0.70 -0.06	20.96 0.55 -0.14	20.79 0.50 -0.22	21.91 0.50 -0.64	20.80 0.46 -1.01	24.77 0.56 -0.87	26.42 0.59 -0.36	23.16 0.46 -0.90	21.25 0.46 -0.87	23.77 0.65 -0.69	22.83 0.65 -0.66
LITTLRIV_115KV_TB1 356100	6.49 -0.31 3.53	5.02 -0.37 6.97	4.27 -0.39 8.85	3.90 -0.32 6.52	4.54 -0.34 6.89	4.10 -0.40 8.44	7.53 -0.77 10.03	15.72 -1.30 11.85	9.93 -1.11 9.58	9.22 -1.12 9.61	7.58 -1.17 10.76	12.67 -1.26 7.11	19.49 -1.29 -0.03	19.39 -1.28 -0.08	19.19 -1.28 -0.19	19.13 -1.24 -0.30	14.94 -1.27 4.56	13.19 -0.99 5.15	23.62 -0.91 -1.20	24.85 -1.12 -0.49	12.55 -1.13 8.11	11.24 -1.00 7.68	12.99 -0.79 8.65	12.52 -0.69 8.31
LI_NEWBRDGE__DRP 323616	24.40 0.88 -13.18	21.84 1.05 -8.43	20.61 1.09 -6.01	21.53 0.89 -9.89	22.12 0.93 -9.42	26.55 1.05 -12.56	38.96 1.54 -19.09	55.96 2.45 -24.64	38.69 1.79 -16.27	31.16 1.80 -9.41	29.00 1.95 -7.54	26.79 2.15 -3.60	26.60 2.16 -3.69	27.13 2.02 -4.53	28.25 2.07 -5.90	31.43 1.89 -9.47	33.74 2.04 -10.93	43.87 1.89 -22.65	62.46 2.24 -36.89	42.98 2.45 -15.06	33.93 2.11 -10.02	32.21 1.89 -10.40	28.77 2.09 -4.25	25.65 1.92 -2.20
LOCKPORT_115KV_TB60_63_64 80432	13.59 0.04 -3.21	14.56 0.09 -2.12	15.09 0.04 -1.54	12.99 0.05 -2.19	14.06 0.05 -2.24	15.88 0.00 -2.93	23.13 -0.33 -5.13	34.51 -0.75 -6.39	24.61 -0.37 -4.35	22.03 -0.34 -2.42	21.23 -0.18 -1.91	21.34 -0.13 -0.42	20.71 -0.25 -0.20	21.21 -0.02 -0.64	21.68 -0.10 -1.50	22.35 -0.12 -2.40	23.51 -0.10 -2.84	25.05 -0.25 -5.98	32.22 -0.63 -9.52	29.03 -0.33 -3.88	24.25 -0.15 -2.60	22.47 -0.10 -2.65	22.19 -0.29 -0.05	21.53 -0.04 -0.05
LOCKPORT__CC1 323769	13.59 0.04 -3.21	14.57 0.10 -2.12	15.09 0.04 -1.54	12.99 0.05 -2.19	14.04 0.04 -2.24	15.89 0.01 -2.93	23.20 -0.26 -5.13	34.51 -0.75 -6.39	24.63 -0.35 -4.35	22.09 -0.28 -2.42	21.25 -0.16 -1.91	21.36 -0.10 -0.42	20.85 -0.10 -0.20	21.15 -0.08 -0.64	21.68 -0.10 -1.50	22.37 -0.10 -2.40	23.53 -0.08 -2.84	25.07 -0.23 -5.98	32.25 -0.61 -9.52	29.06 -0.30 -3.88	24.27 -0.13 -2.60	22.39 -0.18 -2.65	22.21 -0.27 -0.05	21.56 -0.02 -0.05

LOCKPORT___CC2 323770	13.59 0.04 -3.21	14.57 0.10 -2.12	15.09 0.04 -1.54	12.99 0.05 -2.19	14.04 0.04 -2.24	15.89 0.01 -2.93	23.20 -0.26 -5.13	34.51 -0.75 -6.39	24.63 -0.35 -4.35	22.09 -0.28 -2.42	21.25 -0.16 -1.91	21.36 -0.10 -0.42	20.85 -0.10 -0.20	21.15 -0.08 -0.64	21.68 -0.10 -1.50	22.37 -0.10 -2.40	23.53 -0.08 -2.84	25.07 -0.23 -5.98	32.25 -0.61 -9.52	29.06 -0.30 -3.88	24.27 -0.13 -2.60	22.39 -0.18 -2.65	22.21 -0.27 -0.05	21.56 -0.02 -0.05
LOCKPORT___CC3 323771	13.59 0.04 -3.21	14.57 0.10 -2.12	15.09 0.04 -1.54	12.99 0.05 -2.19	14.04 0.04 -2.24	15.89 0.01 -2.93	23.20 -0.26 -5.13	34.51 -0.75 -6.39	24.63 -0.35 -4.35	22.09 -0.28 -2.42	21.25 -0.16 -1.91	21.36 -0.10 -0.42	20.85 -0.10 -0.20	21.15 -0.08 -0.64	21.68 -0.10 -1.50	22.37 -0.10 -2.40	23.53 -0.08 -2.84	25.07 -0.23 -5.98	32.25 -0.61 -9.52	29.06 -0.30 -3.88	24.27 -0.13 -2.60	22.39 -0.18 -2.65	22.21 -0.27 -0.05	21.56 -0.02 -0.05
LONG_LAKE_PHOENIX 24014	12.55 0.00 -2.21	13.82 0.00 -1.46	14.58 0.01 -1.06	12.26 0.01 -1.51	13.33 0.02 -1.54	14.99 0.03 -2.02	21.90 0.04 -3.54	33.24 -0.03 -4.40	23.60 -0.02 -3.00	21.62 0.00 -1.66	20.72 -0.10 -1.31	21.23 -0.11 -0.29	20.79 -0.10 -0.14	21.01 -0.02 -0.44	21.21 -0.10 -1.03	21.62 -0.10 -1.65	22.64 -0.08 -1.95	23.36 -0.08 -4.11	29.73 -0.14 -6.54	28.02 -0.13 -2.67	23.50 -0.09 -1.79	21.68 -0.06 -1.82	22.49 0.02 -0.04	21.63 0.06 -0.04
LOVETT___3 23632	21.96 0.68 -10.94	20.37 0.80 -7.21	19.59 0.84 -5.24	18.88 0.68 -7.46	20.10 0.71 -7.63	23.73 0.80 -9.98	37.07 1.25 -17.50	53.33 1.96 -22.49	36.85 1.32 -14.91	29.87 1.34 -8.59	27.87 1.50 -6.87	24.26 1.64 -1.57	23.08 1.60 -0.73	24.47 1.59 -2.30	27.23 1.58 -5.37	30.24 1.55 -8.63	32.33 1.58 -9.98	41.43 1.39 -20.71	58.67 1.68 -33.66	41.03 1.81 -13.74	32.56 1.61 -9.15	30.87 1.47 -9.48	24.24 1.64 -0.18	23.19 1.49 -0.18
LOVETT___4 23642	21.96 0.68 -10.94	20.37 0.80 -7.21	19.59 0.84 -5.24	18.88 0.68 -7.46	20.10 0.71 -7.63	23.73 0.80 -9.98	37.07 1.25 -17.50	53.33 1.96 -22.49	36.85 1.32 -14.91	29.87 1.34 -8.59	27.87 1.50 -6.87	24.26 1.64 -1.57	23.08 1.60 -0.73	24.47 1.59 -2.30	27.23 1.58 -5.37	30.24 1.55 -8.63	32.33 1.58 -9.98	41.43 1.39 -20.71	58.67 1.68 -33.66	41.03 1.81 -13.74	32.56 1.61 -9.15	30.87 1.47 -9.48	24.24 1.64 -0.18	23.19 1.49 -0.18
LOVETT___5 23593	21.96 0.68 -10.94	20.37 0.80 -7.21	19.59 0.84 -5.24	18.88 0.68 -7.46	20.10 0.71 -7.63	23.73 0.80 -9.98	37.07 1.25 -17.50	53.33 1.96 -22.49	36.85 1.32 -14.91	29.87 1.34 -8.59	27.87 1.50 -6.87	24.26 1.64 -1.57	23.08 1.60 -0.73	24.47 1.59 -2.30	27.23 1.58 -5.37	30.24 1.55 -8.63	32.33 1.58 -9.98	41.43 1.39 -20.71	58.67 1.68 -33.66	41.03 1.81 -13.74	32.56 1.61 -9.15	30.87 1.47 -9.48	24.24 1.64 -0.18	23.19 1.49 -0.18
LOWER RAQUET___HYD 24057	6.36 -0.44 3.53	4.85 -0.54 6.97	4.08 -0.58 8.85	3.76 -0.46 6.52	4.37 -0.51 6.89	3.90 -0.61 8.44	7.18 -1.12 10.03	15.21 -1.82 11.85	9.60 -1.44 9.58	8.98 -1.36 9.61	7.32 -1.42 10.76	12.40 -1.54 7.11	19.28 -1.49 -0.03	19.06 -1.61 -0.08	18.93 -1.54 -0.19	18.89 -1.48 -0.30	14.65 -1.56 4.56	12.86 -1.32 5.15	23.18 -1.35 -1.20	24.36 -1.60 -0.49	12.20 -1.48 8.11	10.96 -1.28 7.69	12.66 -1.12 8.65	12.22 -0.99 8.31
LOWER___HUDSON 24059	25.49 0.49 -14.67	22.60 0.58 -9.66	21.18 0.65 -7.02	21.24 0.51 -9.99	22.58 0.59 -10.22	26.99 0.67 -13.37	42.75 0.97 -23.45	58.38 1.53 -27.98	41.44 1.09 -19.73	31.44 1.02 -10.47	28.66 1.05 -8.10	23.86 1.11 -1.70	22.71 1.08 -0.88	24.44 1.11 -2.75	27.79 1.09 -6.41	31.38 1.10 -10.21	34.40 1.14 -12.48	47.08 1.08 -26.67	66.06 1.31 -41.42	43.75 1.40 -16.87	34.41 1.20 -11.42	32.32 1.04 -11.37	23.76 1.10 -0.24	22.75 0.99 -0.24
LOWVILLE_115KV_TB2 356335	10.14 -0.17 0.03	11.03 -0.20 1.13	11.79 0.00 1.72	9.73 -0.01 1.00	10.72 0.02 1.08	11.71 0.04 1.27	17.37 0.11 1.07	27.95 0.14 1.07	19.53 -0.02 1.08	18.25 -0.12 1.58	17.24 -0.21 2.05	19.22 -0.23 1.59	20.54 -0.27 -0.06	20.25 -0.51 -0.18	20.28 -0.43 -0.42	20.41 -0.34 -0.68	20.09 -0.31 0.37	19.49 -0.12 -0.28	26.00 -0.02 -2.69	26.45 -0.13 -1.10	20.18 -0.35 1.27	18.42 -0.34 1.16	20.38 0.00 2.05	19.56 0.00 1.96
LUTHERFT_115KV_GLOB_FND_222 355753	25.76 0.61 -14.81	22.86 0.74 -9.75	21.45 0.85 -7.09	21.50 0.66 -10.09	22.88 0.79 -10.32	27.33 0.88 -13.50	43.35 1.34 -23.69	59.56 2.14 -28.55	42.11 1.53 -19.96	32.09 1.42 -10.72	29.24 1.40 -8.33	24.25 1.43 -1.77	23.09 1.43 -0.91	24.81 1.40 -2.82	28.26 1.40 -6.58	32.01 1.45 -10.50	34.96 1.45 -12.73	47.83 1.41 -27.09	67.37 1.70 -42.34	44.54 1.81 -17.25	35.01 1.57 -11.65	32.90 1.31 -11.66	24.04 1.37 -0.24	22.99 1.23 -0.24
LUTHERNY_35_KV_BK2 355980	25.76 0.61 -14.81	22.86 0.74 -9.75	21.47 0.86 -7.09	21.51 0.67 -10.09	22.89 0.80 -10.32	27.35 0.89 -13.50	43.37 1.36 -23.69	59.59 2.17 -28.55	42.11 1.53 -19.96	32.11 1.44 -10.72	29.24 1.40 -8.33	24.27 1.45 -1.77	23.09 1.43 -0.91	24.81 1.40 -2.82	28.26 1.40 -6.58	32.01 1.45 -10.50	34.96 1.45 -12.73	47.85 1.43 -27.09	67.40 1.73 -42.34	44.56 1.83 -17.25	35.04 1.59 -11.65	32.90 1.31 -11.66	24.04 1.37 -0.24	23.01 1.25 -0.24
LWR___OSWEGATCHIE_HYD 23850	8.02 -0.41 1.90	7.55 -0.49 4.32	7.43 -0.43 5.64	6.38 -0.35 4.01	7.15 -0.36 4.25	7.35 -0.41 5.18	11.73 -0.68 5.92	20.84 -1.13 6.91	14.00 -0.93 5.70	13.01 -0.96 5.98	11.65 -1.01 6.84	15.31 -1.09 4.65	19.68 -1.12 -0.04	19.49 -1.24 -0.14	19.43 -1.18 -0.33	19.47 -1.12 -0.53	17.02 -1.12 2.63	15.85 -0.89 2.59	24.53 -0.89 -2.09	25.26 -1.07 -0.85	15.70 -1.09 5.00	14.23 -0.98 4.72	15.91 -0.81 5.71	15.31 -0.73 5.49
LYONS_FALL_HYD 23570	10.65 0.00 -0.32	11.97 0.00 0.39	12.87 0.14 0.77	10.53 0.10 0.32	11.55 0.13 0.35	12.73 0.17 0.38	18.58 0.28 0.02	29.47 0.40 -0.19	20.78 0.21 0.05	19.65 0.22 0.53	18.66 0.04 0.89	20.27 0.04 0.82	20.91 0.10 -0.05	20.59 -0.17 -0.17	20.58 -0.08 -0.39	20.65 -0.04 -0.62	20.87 0.00 -0.10	20.24 0.14 -0.77	26.04 0.26 -2.45	26.68 0.20 -1.00	21.38 0.00 0.41	19.55 -0.02 0.35	21.55 0.22 1.10	20.69 0.22 1.05
MADISON___COUNTY_LFGE 323628	11.91 0.31 -1.26	13.56 0.37 -0.83	14.56 0.45 -0.60	11.95 0.34 -0.86	13.05 0.40 -0.88	14.57 0.47 -1.15	21.09 0.75 -2.02	32.47 1.10 -2.51	23.05 0.72 -1.71	21.52 0.62 -0.95	20.82 0.57 -0.75	21.82 0.61 -0.16	21.39 0.56 -0.08	21.48 0.64 -0.25	21.41 0.55 -0.59	21.59 0.58 -0.94	22.53 0.64 -1.11	22.37 0.70 -2.34	27.97 0.91 -3.73	27.94 0.94 -1.52	23.54 0.72 -1.02	21.58 0.62 -1.04	23.19 0.74 -0.02	22.26 0.71 -0.02
MALONE___115KV_TB1 356076	5.42 -0.43 4.48	3.28 -0.57 8.51	2.06 -0.73 10.72	2.20 -0.57 7.98	2.72 -0.62 8.43	1.86 -0.75 10.34	6.03 -1.19 11.10	19.21 -1.76 7.90	12.54 -1.34 6.74	11.88 -1.28 6.79	6.82 -1.27 11.42	11.20 -1.30 8.55	19.38 -1.39 -0.01	19.17 -1.46 -0.05	19.07 -1.32 -0.11	18.98 -1.26 -0.17	13.76 -1.33 5.68	11.57 -1.12 6.64	23.06 -0.96 -0.68	24.51 -1.25 -0.28	10.80 -1.02 9.97	9.50 -0.96 9.46	10.93 -1.08 10.42	10.46 -1.05 10.01

MAPLEWOD_115KV_TB3 80458	25.32 0.44 -14.54	22.46 0.53 -9.57	21.05 0.58 -6.96	21.10 0.45 -9.91	22.42 0.52 -10.13	26.79 0.58 -13.25	42.42 0.84 -23.25	58.08 1.36 -27.85	41.18 0.99 -19.57	31.33 0.94 -10.44	28.55 0.96 -8.09	23.76 1.01 -1.71	22.67 1.04 -0.88	24.32 0.99 -2.74	27.67 0.99 -6.40	31.26 1.00 -10.19	34.25 1.06 -12.42	46.85 1.02 -26.49	65.82 1.24 -41.26	43.61 1.32 -16.80	34.29 1.13 -11.36	32.19 0.94 -11.34	23.67 1.01 -0.24	22.69 0.93 -0.24
MAPLE_RIDGE_WT_1 323574	0.00 -0.66 9.67	-6.19 -0.78 17.77	-9.56 -0.85 22.22	-6.61 -0.66 16.70	-6.55 -0.71 17.62	-9.47 -0.78 21.65	-10.00 -0.88 27.45	-10.00 -1.39 37.49	-10.00 -0.97 29.66	-10.00 -0.98 28.97	-10.00 -0.97 28.53	2.40 -1.05 17.60	19.80 -0.95 0.00	19.68 -0.91 0.00	19.39 -0.89 0.00	19.19 -0.88 0.00	7.74 -0.96 12.08	3.90 -0.93 14.50	22.19 -1.14 0.00	24.15 -1.33 0.00	0.00 -1.09 20.71	-0.73 -0.98 19.68	0.00 -1.17 21.26	0.00 -1.10 20.43
MAPLE_RIDGE_WT_2 323611	0.00 -0.66 9.67	-6.19 -0.78 17.77	-9.56 -0.85 22.22	-6.61 -0.66 16.70	-6.55 -0.71 17.62	-9.47 -0.78 21.65	-10.00 -0.88 27.45	-10.00 -1.39 37.49	-10.00 -0.97 29.66	-10.00 -0.98 28.97	-10.00 -0.97 28.53	2.40 -1.05 17.60	19.80 -0.95 0.00	19.68 -0.91 0.00	19.39 -0.89 0.00	19.19 -0.88 0.00	7.74 -0.96 12.08	3.90 -0.93 14.50	22.19 -1.14 0.00	24.15 -1.33 0.00	0.00 -1.09 20.71	-0.73 -0.98 19.68	0.00 -1.17 21.26	0.00 -1.10 20.43
MARBLE_RIVER_WT_PWR 323696	4.76 -0.49 5.09	2.36 -0.66 9.34	0.96 -0.86 11.68	1.29 -0.68 8.78	1.75 -0.75 9.26	0.66 -0.91 11.38	-0.24 -1.43 17.14	-7.00 -2.08 33.79	-7.00 -1.53 26.10	-7.00 -1.56 25.40	-0.27 -1.44 18.33	10.34 -1.45 9.25	19.13 -1.62 0.00	19.06 -1.52 0.00	18.86 -1.42 0.00	18.70 -1.37 0.00	13.01 -1.41 6.35	10.47 -1.24 7.62	22.28 -1.05 0.00	24.15 -1.33 0.00	9.77 -1.05 10.98	8.49 -1.00 10.43	9.97 -1.19 11.27	9.51 -1.18 10.83
MARSHVLE_115KV_TB1 80742	25.79 0.55 -14.90	22.85 0.68 -9.81	21.43 0.78 -7.13	21.48 0.58 -10.15	22.90 0.74 -10.39	27.39 0.85 -13.58	43.62 1.47 -23.83	60.21 2.43 -28.92	42.31 1.59 -20.10	32.12 1.30 -10.87	29.13 1.15 -8.48	23.94 1.07 -1.82	22.75 1.08 -0.92	24.46 1.01 -2.86	28.17 1.20 -6.69	31.93 1.18 -10.68	34.99 1.33 -12.88	48.16 1.49 -27.34	68.14 1.89 -42.92	44.93 1.96 -17.49	35.29 1.70 -11.79	33.20 1.43 -11.85	23.95 1.28 -0.24	22.80 1.03 -0.24
MARSH_HILL_WT_PWR 323713	14.44 0.18 -3.93	15.18 0.23 -2.59	15.68 0.28 -1.88	13.66 0.24 -2.68	14.80 0.29 -2.74	16.87 0.34 -3.58	25.12 0.51 -6.28	37.29 0.61 -7.81	26.52 0.58 -5.32	23.49 0.58 -2.96	22.42 0.58 -2.33	22.22 0.65 -0.51	21.65 0.64 -0.25	21.99 0.62 -0.78	22.72 0.61 -1.83	23.65 0.64 -2.93	25.00 0.75 -3.48	27.32 0.68 -7.31	35.53 0.56 -11.65	31.02 0.79 -4.75	25.72 0.74 -3.18	23.74 0.58 -3.24	23.14 0.65 -0.06	22.36 0.77 -0.06
MCINTYRE_115KV_TB2 80467	6.61 -0.20 3.53	5.16 -0.23 6.97	4.41 -0.24 8.85	4.02 -0.20 6.52	4.67 -0.21 6.89	4.26 -0.25 8.44	7.79 -0.51 10.03	16.22 -0.81 11.85	10.22 -0.83 9.58	9.46 -0.88 9.61	7.77 -0.98 10.76	12.88 -1.05 7.11	19.70 -1.08 -0.03	19.58 -1.09 -0.08	19.39 -1.07 -0.19	19.37 -1.00 -0.30	15.19 -1.02 4.56	13.50 -0.68 5.15	24.04 -0.49 -1.20	25.28 -0.69 -0.49	12.88 -0.81 8.11	11.52 -0.72 7.68	13.24 -0.54 8.65	12.76 -0.45 8.31
MECO____69_KV_BK1 80468	26.12 0.88 -14.90	23.24 1.06 -9.81	21.87 1.23 -7.13	21.81 0.91 -10.15	23.30 1.14 -10.39	27.82 1.28 -13.58	44.27 2.11 -23.83	60.79 3.00 -28.92	42.71 1.98 -20.10	32.44 1.62 -10.87	29.39 1.40 -8.48	24.23 1.37 -1.82	23.06 1.39 -0.92	25.14 1.69 -2.86	28.53 1.56 -6.69	32.39 1.65 -10.68	35.51 1.85 -12.88	48.65 1.97 -27.34	68.68 2.43 -42.92	45.49 2.52 -17.49	35.77 2.18 -11.79	33.56 1.79 -11.85	24.62 1.95 -0.24	23.40 1.64 -0.24
MENANDS__115KV_TB5 355628	25.23 0.37 -14.52	22.38 0.46 -9.56	20.96 0.50 -6.95	21.03 0.39 -9.89	22.32 0.44 -10.12	26.67 0.48 -13.24	42.24 0.70 -23.22	57.84 1.13 -27.84	41.02 0.85 -19.55	31.19 0.80 -10.44	28.44 0.84 -8.09	23.64 0.88 -1.71	22.55 0.91 -0.88	24.19 0.86 -2.74	27.55 0.87 -6.40	31.13 0.86 -10.20	34.10 0.91 -12.42	46.70 0.89 -26.48	65.63 1.05 -41.25	43.43 1.15 -16.80	34.14 0.98 -11.36	32.08 0.82 -11.34	23.54 0.87 -0.24	22.56 0.80 -0.24
MG INDUSTRY__DRP 24185	24.98 0.40 -14.24	22.23 0.49 -9.37	20.88 0.55 -6.82	20.86 0.41 -9.70	22.14 0.45 -9.92	26.38 0.45 -12.98	41.75 0.66 -22.77	57.78 1.07 -27.84	40.70 0.85 -19.23	31.26 0.82 -10.49	28.56 0.84 -8.21	23.71 0.88 -1.78	22.53 0.89 -0.89	24.22 0.86 -2.77	27.63 0.87 -6.47	31.29 0.88 -10.34	34.09 0.91 -12.40	46.45 0.89 -26.23	65.78 1.07 -41.38	43.51 1.17 -16.86	34.15 1.00 -11.35	32.21 0.84 -11.46	23.58 0.92 -0.23	22.60 0.84 -0.23
MID__OSWEGATCHIE_HYD 23849	8.02 -0.41 1.90	7.55 -0.49 4.32	7.43 -0.43 5.64	6.38 -0.35 4.01	7.15 -0.36 4.25	7.35 -0.41 5.18	11.73 -0.68 5.92	20.84 -1.13 6.91	14.00 -0.93 5.70	13.01 -0.96 5.98	11.65 -1.01 6.84	15.31 -1.09 4.65	19.68 -1.12 -0.04	19.49 -1.24 -0.14	19.43 -1.18 -0.33	19.47 -1.12 -0.53	17.02 -1.12 2.63	15.85 -0.89 2.59	24.53 -0.89 -2.09	25.26 -1.07 -0.85	15.70 -1.09 5.00	14.23 -0.98 4.72	15.91 -0.81 5.71	15.31 -0.73 5.49
MID__RAQUETTE_HYD 23851	6.35 -0.45 3.53	4.85 -0.54 6.97	4.08 -0.58 8.85	3.76 -0.46 6.52	4.37 -0.51 6.89	3.90 -0.61 8.44	7.20 -1.10 10.03	15.20 -1.82 11.85	9.60 -1.44 9.58	8.95 -1.40 9.61	7.32 -1.42 10.76	12.40 -1.54 7.11	19.24 -1.54 -0.03	19.12 -1.54 -0.08	18.93 -1.54 -0.19	18.89 -1.49 -0.30	14.65 -1.56 4.56	12.86 -1.31 5.15	23.18 -1.35 -1.20	24.36 -1.61 -0.49	12.20 -1.48 8.11	10.96 -1.27 7.68	12.65 -1.12 8.65	12.22 -0.99 8.31
MILLIKEN__1 23584	14.66 0.40 -3.92	15.44 0.49 -2.58	15.94 0.55 -1.88	13.86 0.44 -2.67	15.00 0.49 -2.73	17.07 0.54 -3.57	25.46 0.86 -6.27	38.11 1.44 -7.79	26.92 0.99 -5.31	23.82 0.92 -2.95	22.71 0.88 -2.33	22.47 0.91 -0.52	21.83 0.83 -0.25	22.28 0.91 -0.79	22.97 0.85 -1.84	23.86 0.84 -2.94	25.22 0.96 -3.49	27.59 0.93 -7.33	36.08 1.07 -11.68	31.44 1.20 -4.76	25.99 1.02 -3.17	24.03 0.88 -3.23	23.46 0.96 -0.06	22.56 0.97 -0.06
MILLIKEN__2 23585	14.66 0.40 -3.92	15.44 0.49 -2.58	15.94 0.55 -1.88	13.86 0.44 -2.67	15.00 0.49 -2.73	17.07 0.54 -3.57	25.46 0.86 -6.27	38.11 1.44 -7.79	26.92 0.99 -5.31	23.82 0.92 -2.95	22.71 0.88 -2.33	22.47 0.91 -0.52	21.83 0.83 -0.25	22.28 0.91 -0.79	22.97 0.85 -1.84	23.86 0.84 -2.94	25.22 0.96 -3.49	27.59 0.93 -7.33	36.08 1.07 -11.68	31.44 1.20 -4.76	25.99 1.02 -3.17	24.03 0.88 -3.23	23.46 0.96 -0.06	22.56 0.97 -0.06
MILLIKEN__DIESEL 23629	14.66 0.40 -3.92	15.44 0.49 -2.58	15.94 0.55 -1.88	13.86 0.44 -2.67	15.00 0.49 -2.73	17.07 0.54 -3.57	25.46 0.86 -6.27	38.11 1.44 -7.79	26.92 0.99 -5.31	23.82 0.92 -2.95	22.71 0.88 -2.33	22.47 0.91 -0.52	21.83 0.83 -0.25	22.28 0.91 -0.79	22.97 0.85 -1.84	23.86 0.84 -2.94	25.22 0.96 -3.49	27.59 0.93 -7.33	36.08 1.07 -11.68	31.44 1.20 -4.76	25.99 1.02 -3.17	24.03 0.88 -3.23	23.46 0.96 -0.06	22.56 0.97 -0.06

MILLSEAT___LFGE 323607	13.69 0.19 -3.17	14.71 0.26 -2.09	15.24 0.22 -1.52	13.11 0.20 -2.16	14.19 0.21 -2.21	16.04 0.21 -2.89	23.46 0.07 -5.06	35.08 -0.09 -6.30	25.02 0.10 -4.29	22.44 0.10 -2.38	21.58 0.20 -1.88	21.73 0.27 -0.42	21.22 0.27 -0.20	21.53 0.31 -0.63	22.02 0.26 -1.48	22.70 0.26 -2.37	23.89 0.31 -2.80	25.36 0.14 -5.89	32.60 -0.12 -9.39	29.56 0.25 -3.83	24.67 0.30 -2.57	22.71 0.18 -2.61	22.59 0.11 -0.05	21.88 0.30 -0.05
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.92 0.72 -11.86	21.02 0.85 -7.81	20.08 0.89 -5.68	19.55 0.72 -8.08	20.77 0.74 -8.26	24.60 0.84 -10.81	38.61 1.32 -18.96	55.45 2.11 -24.47	38.31 1.53 -16.16	30.78 1.48 -9.35	28.63 1.64 -7.49	24.56 1.79 -1.72	23.29 1.74 -0.79	24.80 1.71 -2.50	27.84 1.70 -5.86	31.12 1.65 -9.41	33.33 1.70 -10.85	43.41 1.58 -22.49	61.88 1.91 -36.64	42.50 2.06 -14.96	33.51 1.77 -9.95	31.82 1.57 -10.33	24.35 1.73 -0.19	23.29 1.57 -0.19
MILLWOOD_13_KV_LOAD 356217	22.94 0.74 -11.86	21.04 0.88 -7.81	20.10 0.92 -5.68	19.57 0.74 -8.08	20.79 0.75 -8.26	24.61 0.85 -10.81	38.64 1.36 -18.96	55.53 2.19 -24.47	38.37 1.59 -16.16	30.82 1.52 -9.35	28.69 1.70 -7.49	24.62 1.85 -1.72	23.35 1.81 -0.79	24.86 1.77 -2.50	27.90 1.76 -5.86	31.18 1.71 -9.41	33.39 1.77 -10.85	43.46 1.64 -22.49	61.95 1.98 -36.64	42.57 2.14 -14.96	33.58 1.83 -9.95	31.88 1.63 -10.33	24.39 1.77 -0.19	23.33 1.61 -0.19
MODEL_CITY_ENERGY 24167	13.54 -0.05 -3.25	14.49 -0.01 -2.14	14.99 -0.08 -1.56	12.93 -0.03 -2.22	13.97 -0.07 -2.27	15.81 -0.10 -2.96	23.07 -0.46 -5.20	34.24 -1.10 -6.47	24.43 -0.60 -4.40	21.88 -0.52 -2.45	21.04 -0.39 -1.93	21.12 -0.36 -0.43	20.61 -0.35 -0.21	20.91 -0.33 -0.65	21.45 -0.34 -1.52	22.16 -0.34 -2.43	23.32 -0.33 -2.88	24.92 -0.46 -6.05	32.04 -0.93 -9.64	28.80 -0.61 -3.93	24.04 -0.39 -2.63	22.20 -0.40 -2.68	21.97 -0.51 -0.05	21.32 -0.26 -0.05
MODERN_LFGE___ 323580	13.54 -0.05 -3.25	14.49 -0.01 -2.14	14.99 -0.08 -1.56	12.93 -0.03 -2.22	13.97 -0.07 -2.27	15.81 -0.10 -2.96	23.07 -0.46 -5.20	34.24 -1.10 -6.47	24.43 -0.60 -4.40	21.88 -0.52 -2.45	21.04 -0.39 -1.93	21.12 -0.36 -0.43	20.61 -0.35 -0.21	20.91 -0.33 -0.65	21.45 -0.34 -1.52	22.16 -0.34 -2.43	23.32 -0.33 -2.88	24.92 -0.46 -6.05	32.04 -0.93 -9.64	28.80 -0.61 -3.93	24.04 -0.39 -2.63	22.20 -0.40 -2.68	21.97 -0.51 -0.05	21.32 -0.26 -0.05
MOHAWK_PAPER___DRP 24187	25.32 0.44 -14.54	22.46 0.53 -9.57	21.05 0.58 -6.96	21.10 0.45 -9.91	22.42 0.52 -10.13	26.79 0.58 -13.25	42.42 0.84 -23.25	58.08 1.36 -27.85	41.18 0.99 -19.57	31.33 0.94 -10.44	28.55 0.96 -8.09	23.76 1.01 -1.71	22.67 1.04 -0.88	24.32 0.99 -2.74	27.67 0.99 -6.40	31.26 1.00 -10.19	34.25 1.06 -12.42	46.85 1.02 -26.49	65.82 1.24 -41.26	43.61 1.32 -16.80	34.29 1.13 -11.36	32.19 0.94 -11.34	23.67 1.01 -0.24	22.69 0.93 -0.24
MOHICAN___35_KV_115KV_LD 80490	25.82 0.66 -14.82	22.92 0.80 -9.76	21.59 0.99 -7.09	21.60 0.75 -10.10	23.06 0.97 -10.33	27.56 1.10 -13.51	43.73 1.70 -23.70	60.20 2.74 -28.58	42.53 1.94 -19.97	32.48 1.80 -10.73	29.58 1.74 -8.34	24.57 1.75 -1.77	23.36 1.70 -0.91	25.08 1.67 -2.82	28.53 1.66 -6.59	32.32 1.75 -10.51	35.18 1.66 -12.74	48.04 1.60 -27.11	67.67 1.96 -42.38	44.83 2.09 -17.27	35.26 1.81 -11.66	33.05 1.45 -11.68	24.15 1.48 -0.24	23.08 1.31 -0.24
MONGAUP___HYD 23641	21.42 0.63 -10.46	19.97 0.73 -6.88	19.30 0.78 -5.01	18.51 0.63 -7.12	19.73 0.67 -7.29	23.23 0.75 -9.53	36.22 1.17 -16.72	52.12 1.79 -21.45	36.10 1.24 -14.24	29.23 1.10 -8.19	27.35 1.31 -6.54	23.95 1.41 -1.49	22.77 1.33 -0.69	24.13 1.36 -2.19	26.78 1.38 -5.12	29.67 1.38 -8.22	31.73 1.43 -9.52	40.38 1.28 -19.77	57.06 1.63 -32.10	40.36 1.78 -13.10	32.05 1.53 -8.73	30.33 1.37 -9.04	24.06 1.46 -0.17	23.03 1.34 -0.17
MONTAUK___DIESEL 23721	24.98 1.46 -13.18	22.52 1.73 -8.43	21.44 1.88 -6.05	22.18 1.50 -9.93	22.74 1.54 -9.42	27.23 1.72 -12.56	39.84 2.42 -19.09	57.78 4.27 -24.64	40.15 3.26 -16.27	32.60 3.19 -9.46	30.50 3.34 -7.66	28.30 3.62 -3.64	28.26 3.78 -3.73	28.29 3.13 -4.57	30.10 3.45 -6.38	32.87 3.21 -9.59	37.37 3.55 -13.04	57.38 3.25 -34.80	66.94 3.85 -39.76	64.56 4.23 -34.85	47.16 3.64 -21.73	36.97 3.29 -13.77	34.13 3.32 -8.38	26.83 3.10 -2.20
MOONROAD_115KV_HARTFLD_TB1-2 355988	13.67 -0.21 -3.54	14.49 -0.20 -2.33	14.99 -0.22 -1.69	13.02 -0.14 -2.41	14.13 -0.11 -2.46	16.07 -0.10 -3.22	23.69 -0.29 -5.65	35.41 -0.49 -7.03	25.19 -0.23 -4.79	22.47 -0.14 -2.66	21.62 0.02 -2.10	21.55 0.04 -0.46	20.94 -0.04 -0.23	21.40 0.10 -0.71	21.99 0.06 -1.65	22.81 0.10 -2.64	24.07 0.17 -3.13	25.97 0.06 -6.58	33.65 -0.16 -10.48	29.78 0.03 -4.27	24.81 0.15 -2.86	22.90 0.06 -2.92	22.60 0.11 -0.06	21.88 0.30 -0.06
MORTIMER_115KV_TB3 55949	13.49 0.21 -2.95	14.56 0.26 -1.94	15.17 0.24 -1.41	12.97 0.21 -2.01	14.06 0.24 -2.06	15.89 0.25 -2.69	23.32 0.27 -4.72	35.11 0.38 -5.86	25.01 0.39 -3.99	22.49 0.32 -2.22	21.64 0.39 -1.75	21.90 0.46 -0.39	21.33 0.39 -0.19	21.67 0.49 -0.59	22.08 0.43 -1.38	22.67 0.40 -2.20	23.84 0.46 -2.61	25.17 0.35 -5.49	32.28 0.21 -8.74	29.53 0.48 -3.56	24.64 0.46 -2.39	22.77 0.42 -2.43	22.70 0.22 -0.05	21.92 0.34 -0.05
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.09 0.82 -11.94	21.17 0.95 -7.86	20.21 0.99 -5.72	19.68 0.80 -8.14	20.90 0.81 -8.32	24.75 0.92 -10.88	38.87 1.45 -19.09	55.91 2.40 -24.64	38.61 1.71 -16.28	31.02 1.66 -9.42	26.81 1.83 -5.47	20.88 2.00 2.16	19.73 1.95 2.98	21.10 1.91 1.40	24.88 1.91 -2.69	30.00 1.85 -8.08	33.63 1.93 -10.92	38.94 1.78 -17.84	60.42 2.15 -34.95	42.88 2.34 -15.06	33.80 1.98 -10.02	32.09 1.77 -10.40	24.57 1.95 -0.19	23.51 1.79 -0.19
MUNSVILLE_WIND_PWR 323609	16.45 0.75 -5.36	16.80 0.91 -3.53	17.09 1.01 -2.56	15.20 0.81 -3.65	16.45 0.94 -3.73	18.92 1.09 -4.88	28.64 1.74 -8.57	42.47 2.95 -10.65	29.86 1.98 -7.26	25.80 1.82 -4.03	24.28 1.60 -3.18	23.48 1.73 -0.70	22.75 1.66 -0.34	23.26 1.61 -1.07	24.32 1.54 -2.50	25.72 1.65 -4.00	27.30 1.79 -4.74	31.17 1.87 -9.97	41.57 2.36 -15.88	34.48 2.52 -6.48	28.12 1.98 -4.34	26.01 1.67 -4.42	24.31 1.79 -0.09	23.34 1.72 -0.09
N SALMON___HYD 24042	5.42 -0.43 4.48	3.28 -0.57 8.51	2.06 -0.73 10.72	2.19 -0.57 7.98	2.72 -0.62 8.43	1.86 -0.75 10.34	6.01 -1.21 11.10	19.21 -1.76 7.90	12.54 -1.34 6.74	11.84 -1.32 6.79	6.82 -1.27 11.42	11.19 -1.30 8.55	19.31 -1.45 -0.01	19.21 -1.42 -0.05	19.07 -1.32 -0.11	18.96 -1.28 -0.17	13.76 -1.33 5.68	11.57 -1.12 6.64	23.06 -0.96 -0.68	24.51 -1.25 -0.28	10.62 -1.02 10.15	9.31 -0.96 9.65	10.93 -1.08 10.43	10.45 -1.05 10.02
N.AKRON___115KV_KNAPP 355671	13.71 0.20 -3.18	14.71 0.26 -2.09	15.26 0.23 -1.52	13.12 0.20 -2.17	14.21 0.22 -2.21	16.05 0.21 -2.90	23.42 0.02 -5.08	35.04 -0.14 -6.32	25.01 0.08 -4.30	22.38 0.04 -2.39	21.56 0.18 -1.89	21.72 0.25 -0.42	21.08 0.12 -0.20	21.59 0.37 -0.63	22.01 0.24 -1.48	22.66 0.22 -2.37	23.88 0.29 -2.81	25.36 0.12 -5.91	32.61 -0.14 -9.42	29.55 0.23 -3.84	24.65 0.28 -2.57	22.80 0.26 -2.62	22.59 0.11 -0.05	21.88 0.30 -0.05

N.BELMOR_69_KV_BK1 55787	24.50 0.98 -13.18	21.95 1.16 -8.43	20.74 1.22 -6.01	21.61 0.98 -9.89	22.22 1.02 -9.42	26.67 1.17 -12.56	39.08 1.67 -19.09	56.22 2.71 -24.64	38.88 1.98 -16.27	31.36 2.00 -9.41	29.19 2.15 -7.54	27.00 2.36 -3.60	26.83 2.39 -3.69	27.32 2.20 -4.53	28.45 2.27 -5.90	31.65 2.11 -9.47	33.98 2.26 -10.94	44.16 2.09 -22.75	62.74 2.50 -36.91	43.43 2.73 -15.22	34.26 2.35 -10.11	32.46 2.11 -10.43	29.03 2.31 -4.29	25.86 2.13 -2.20
N.E_GEN_SANDY PD 24062	24.09 0.51 -13.25	21.70 0.62 -8.72	20.50 0.65 -6.34	20.30 0.53 -9.03	21.59 0.59 -9.23	26.00 0.65 -12.40	40.10 0.92 -20.86	48.84 1.41 -18.55	38.70 1.03 -17.04	27.16 0.96 -6.25	24.49 1.09 -3.89	22.52 1.20 -0.27	22.41 1.14 -0.52	23.21 1.17 -1.45	24.78 1.16 -3.34	26.22 1.12 -5.02	30.44 1.16 -8.50	41.12 1.08 -20.71	50.60 1.31 -25.96	37.32 1.40 -10.44	30.70 1.20 -7.71	27.11 1.07 -6.12	23.81 1.17 -0.21	22.79 1.05 -0.21
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.98 0.70 -10.94	20.38 0.82 -7.20	19.61 0.86 -5.24	18.89 0.69 -7.45	20.11 0.72 -7.62	23.74 0.82 -9.97	37.10 1.28 -17.49	53.37 2.02 -22.48	36.88 1.36 -14.90	29.87 1.34 -8.58	27.91 1.54 -6.86	24.28 1.66 -1.57	23.10 1.62 -0.73	24.51 1.63 -2.29	27.25 1.60 -5.37	30.26 1.57 -8.62	32.35 1.60 -9.97	41.46 1.43 -20.70	58.69 1.73 -33.64	41.07 1.86 -13.73	32.57 1.63 -9.14	30.89 1.49 -9.47	24.27 1.66 -0.18	23.21 1.51 -0.18
N.QUEENS_27_KV_LOAD 356247	23.16 0.88 -11.94	21.25 1.03 -7.86	20.29 1.07 -5.72	19.74 0.86 -8.14	20.94 0.85 -8.32	24.75 0.92 -10.88	38.78 1.36 -19.09	55.74 2.22 -24.64	38.57 1.67 -16.28	30.98 1.62 -9.42	33.30 1.91 -11.88	32.98 2.06 -9.87	31.45 2.01 -8.68	33.27 1.98 -10.71	34.86 1.99 -12.60	34.38 1.93 -12.39	33.67 1.95 -10.95	53.81 1.78 -32.70	66.50 2.19 -40.98	42.88 2.32 -15.08	33.76 1.94 -10.02	32.09 1.75 -10.42	24.59 1.95 -0.21	23.66 1.94 -0.19
N.TROY___115KV_TB1 355778	25.49 0.49 -14.67	22.60 0.58 -9.66	21.18 0.65 -7.02	21.24 0.51 -9.99	22.58 0.59 -10.22	26.99 0.67 -13.37	42.73 0.95 -23.45	58.38 1.53 -27.98	41.44 1.09 -19.73	31.44 1.02 -10.47	28.66 1.05 -8.10	23.86 1.12 -1.70	22.76 1.12 -0.88	24.42 1.09 -2.75	27.79 1.10 -6.41	31.36 1.08 -10.21	34.40 1.14 -12.48	47.08 1.08 -26.67	66.06 1.31 -41.42	43.75 1.40 -16.87	34.41 1.20 -11.42	32.30 1.02 -11.37	23.77 1.10 -0.24	22.75 0.99 -0.24
NARROWS_GT1_1 24228	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT1_2 24229	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT1_3 24230	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT1_4 24231	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT1_5 24232	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT1_6 24233	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT1_7 24234	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT1_8 24235	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT2_1 24236	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT2_2 24237	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20

NARROWS_GT2_3 24238	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT2_4 24239	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT2_5 24240	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT2_6 24241	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT2_7 24242	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NARROWS_GT2_8 24243	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.37 0.34 -13.69	21.77 0.40 -9.02	20.54 0.47 -6.55	20.41 0.33 -9.33	21.68 0.36 -9.54	25.81 0.38 -12.48	40.85 0.62 -21.90	56.89 1.10 -26.92	40.00 0.87 -18.51	30.73 0.62 -10.16	28.26 0.78 -7.97	23.71 0.93 -1.74	22.46 0.85 -0.86	23.97 0.70 -2.69	27.29 0.73 -6.28	30.90 0.80 -10.03	33.61 0.85 -11.98	45.52 0.89 -25.30	64.56 1.19 -40.04	43.07 1.27 -16.32	33.81 1.05 -10.97	31.82 0.80 -11.11	23.57 0.92 -0.22	22.59 0.84 -0.22
NCHELSEA_115KV_TR2 355582	22.91 0.72 -11.85	21.00 0.84 -7.80	20.08 0.89 -5.67	19.54 0.72 -8.08	20.78 0.75 -8.26	24.60 0.84 -10.80	38.62 1.34 -18.95	55.21 2.11 -24.23	38.24 1.49 -16.13	30.50 1.32 -9.24	28.44 1.56 -7.37	24.41 1.68 -1.68	23.17 1.64 -0.78	24.68 1.63 -2.47	27.69 1.64 -5.77	30.96 1.63 -9.26	33.17 1.64 -10.76	43.21 1.51 -22.37	61.48 1.91 -36.23	42.36 2.09 -14.79	33.37 1.72 -9.86	31.64 1.53 -10.19	24.28 1.66 -0.19	23.25 1.53 -0.19
NEG CAPITAL___MECHNVIL 23645	25.71 0.60 -14.78	22.82 0.73 -9.73	21.42 0.84 -7.07	21.46 0.64 -10.07	22.82 0.75 -10.30	27.28 0.85 -13.47	43.26 1.30 -23.63	59.36 2.08 -28.41	42.01 1.49 -19.90	31.98 1.38 -10.66	29.14 1.36 -8.27	24.21 1.41 -1.75	23.02 1.37 -0.90	24.77 1.38 -2.80	28.20 1.38 -6.54	31.90 1.40 -10.42	34.87 1.43 -12.67	47.72 1.41 -26.98	67.14 1.70 -42.10	44.44 1.81 -17.15	34.96 1.57 -11.59	32.82 1.31 -11.59	24.04 1.37 -0.24	22.99 1.23 -0.24
NEG CENTRAL_HIGH_ACRES 23767	13.19 -0.05 -2.91	14.23 -0.05 -1.91	14.82 -0.08 -1.39	12.67 -0.05 -1.98	13.75 -0.05 -2.03	15.55 -0.05 -2.65	22.88 -0.09 -4.65	34.51 -0.14 -5.78	24.54 -0.02 -3.94	22.10 -0.04 -2.19	21.21 -0.02 -1.72	21.41 -0.02 -0.38	20.94 0.00 -0.19	21.17 0.00 -0.58	21.60 -0.04 -1.36	22.19 -0.06 -2.18	23.33 -0.02 -2.58	24.68 -0.08 -5.43	31.74 -0.23 -8.65	28.93 -0.08 -3.53	24.11 -0.04 -2.35	22.20 -0.12 -2.40	22.23 -0.25 -0.05	21.42 -0.15 -0.05
NEG CENTRAL___DRP 24199	13.68 0.25 -3.09	14.71 0.31 -2.04	15.34 0.35 -1.48	13.13 0.28 -2.11	14.26 0.33 -2.16	16.13 0.36 -2.82	23.86 0.59 -4.95	35.95 0.92 -6.15	25.47 0.66 -4.19	22.90 0.62 -2.33	21.94 0.60 -1.84	22.08 0.63 -0.41	21.53 0.58 -0.20	21.86 0.66 -0.62	22.33 0.61 -1.44	23.00 0.62 -2.31	24.22 0.71 -2.74	25.74 0.66 -5.76	33.15 0.65 -9.17	30.06 0.84 -3.74	25.02 0.72 -2.51	23.07 0.60 -2.55	23.08 0.61 -0.05	22.22 0.65 -0.05
NEG CENTRAL___INDECK 23768	14.35 0.47 -3.54	15.26 0.57 -2.33	15.82 0.61 -1.70	13.66 0.49 -2.42	14.81 0.56 -2.47	16.82 0.63 -3.23	24.95 0.95 -5.67	37.36 1.44 -7.05	26.52 1.09 -4.80	23.54 0.92 -2.67	22.50 0.90 -2.10	22.46 0.95 -0.46	21.87 0.89 -0.23	22.22 0.93 -0.71	22.82 0.89 -1.66	23.68 0.96 -2.65	25.03 1.12 -3.14	26.99 1.06 -6.59	34.98 1.14 -10.50	31.29 1.53 -4.28	26.00 1.33 -2.87	23.94 1.09 -2.92	23.54 1.05 -0.06	22.70 1.12 -0.06
NEG CENTRAL___SENECA 23627	13.85 0.28 -3.24	14.84 0.35 -2.13	15.45 0.39 -1.55	13.26 0.31 -2.21	14.40 0.38 -2.26	16.32 0.41 -2.95	24.18 0.68 -5.18	36.32 1.01 -6.44	25.75 0.74 -4.39	23.05 0.66 -2.44	22.11 0.68 -1.92	22.19 0.72 -0.42	21.60 0.64 -0.21	22.00 0.76 -0.65	22.46 0.67 -1.51	23.17 0.68 -2.42	24.43 0.79 -2.87	26.09 0.73 -6.03	33.63 0.70 -9.60	30.34 0.94 -3.91	25.22 0.81 -2.62	23.25 0.66 -2.67	23.18 0.70 -0.05	22.31 0.73 -0.05
NEG CENTRAL___STATE_STREET 24147	13.70 0.29 -3.07	14.74 0.36 -2.02	15.37 0.39 -1.47	13.16 0.32 -2.09	14.28 0.36 -2.14	16.15 0.40 -2.80	23.86 0.62 -4.91	36.39 1.41 -6.11	25.78 0.99 -4.16	23.22 0.96 -2.31	22.26 0.94 -1.82	22.42 0.97 -0.41	21.86 0.91 -0.20	22.03 0.82 -0.62	22.63 0.89 -1.46	23.20 0.80 -2.33	24.41 0.87 -2.76	25.97 0.83 -5.81	33.49 0.91 -9.25	30.30 1.04 -3.77	25.20 0.92 -2.49	23.25 0.80 -2.53	23.15 0.67 -0.05	22.26 0.69 -0.05
NEG MILLWOOD___DRP 24198	23.12 0.78 -12.01	21.17 0.90 -7.91	20.21 0.95 -5.75	19.70 0.77 -8.18	20.92 0.78 -8.37	24.78 0.88 -10.95	38.94 1.41 -19.21	55.76 2.25 -24.64	38.63 1.65 -16.35	30.87 1.52 -9.40	28.73 1.72 -7.51	24.61 1.85 -1.71	23.33 1.78 -0.80	24.87 1.77 -2.51	27.94 1.78 -5.88	31.25 1.75 -9.44	33.45 1.74 -10.93	43.70 1.66 -22.71	62.29 2.10 -36.86	42.77 2.24 -15.05	33.69 1.87 -10.02	31.97 1.67 -10.38	24.40 1.77 -0.19	23.33 1.61 -0.19

NEG NORTH_FLCN_SEA 23793	4.86 -0.40 5.07	2.51 -0.53 9.32	1.12 -0.74 11.65	1.42 -0.57 8.76	1.90 -0.64 9.24	0.82 -0.78 11.35	-0.13 -1.34 17.12	-6.93 -1.93 33.87	-6.97 -1.44 26.15	-6.85 -1.36 25.45	-0.17 -1.35 18.32	10.47 -1.35 9.23	19.32 -1.43 0.00	19.02 -1.56 0.00	18.92 -1.36 0.00	18.79 -1.28 0.00	13.11 -1.33 6.34	10.58 -1.14 7.60	22.56 -0.77 0.00	24.43 -1.04 0.00	10.02 -0.83 10.95	8.72 -0.80 10.40	10.20 -0.99 11.24	9.69 -1.03 10.80
NEG NORTH_KES_CHATEGAY 23792	4.86 -0.50 4.98	2.56 -0.66 9.14	1.23 -0.85 11.43	1.49 -0.67 8.59	1.96 -0.74 9.06	0.93 -0.88 11.14	-0.05 -1.36 17.02	-7.52 -1.99 34.40	-7.39 -1.49 26.53	-7.28 -1.42 25.81	-0.16 -1.40 18.26	10.58 -1.41 9.05	19.26 -1.49 0.00	19.02 -1.56 0.00	18.88 -1.40 0.00	18.75 -1.32 0.00	13.17 -1.39 6.22	10.67 -1.20 7.46	22.30 -1.03 0.00	24.18 -1.30 0.00	10.04 -1.02 10.74	8.74 -0.98 10.20	10.26 -1.14 11.02	9.77 -1.16 10.59
NEG NORTH___ALICE_FALLS 23915	4.88 -0.40 5.06	2.52 -0.54 9.29	1.15 -0.74 11.62	1.44 -0.58 8.73	1.91 -0.65 9.21	0.86 -0.78 11.32	0.01 -1.21 17.11	-6.75 -1.67 33.95	-6.87 -1.28 26.21	-6.75 -1.20 25.50	0.00 -1.19 18.31	10.56 -1.28 9.20	19.36 -1.39 0.00	19.08 -1.50 0.00	18.98 -1.30 0.00	18.83 -1.24 0.00	13.17 -1.29 6.32	10.67 -1.08 7.58	22.58 -0.75 0.00	24.43 -1.04 0.00	10.05 -0.83 10.91	8.75 -0.80 10.37	10.21 -1.01 11.21	9.70 -1.05 10.77
NEG NORTH___LWR_SARANAC 23913	4.88 -0.40 5.06	2.52 -0.54 9.29	1.15 -0.74 11.62	1.44 -0.58 8.73	1.91 -0.65 9.21	0.86 -0.78 11.32	0.01 -1.21 17.11	-6.75 -1.67 33.95	-6.87 -1.28 26.21	-6.75 -1.20 25.50	0.00 -1.19 18.31	10.56 -1.28 9.20	19.36 -1.39 0.00	19.08 -1.50 0.00	18.98 -1.30 0.00	18.83 -1.24 0.00	13.17 -1.29 6.32	10.67 -1.08 7.58	22.58 -0.75 0.00	24.43 -1.04 0.00	10.05 -0.83 10.91	8.75 -0.80 10.37	10.21 -1.01 11.21	9.70 -1.05 10.77
NEG NORTH___PLATTSBURG 23628	4.89 -0.39 5.06	2.53 -0.54 9.29	1.15 -0.74 11.62	1.44 -0.58 8.73	1.91 -0.65 9.21	0.86 -0.78 11.32	0.01 -1.21 17.11	-6.76 -1.68 33.95	-6.87 -1.28 26.21	-6.85 -1.30 25.50	0.00 -1.19 18.31	10.56 -1.28 9.20	19.24 -1.51 0.00	19.17 -1.42 0.00	18.98 -1.30 0.00	18.83 -1.24 0.00	13.17 -1.29 6.32	10.67 -1.08 7.58	22.56 -0.77 0.00	24.43 -1.05 0.00	10.05 -0.83 10.91	8.75 -0.80 10.37	10.21 -1.01 11.21	9.70 -1.05 10.77
NEG WEST_LEA_LOCKPORT 23791	13.60 0.05 -3.21	14.57 0.10 -2.12	15.09 0.04 -1.54	12.99 0.05 -2.19	14.06 0.05 -2.24	15.89 0.01 -2.93	23.13 -0.33 -5.13	34.51 -0.75 -6.39	24.63 -0.35 -4.35	22.05 -0.32 -2.42	21.25 -0.16 -1.91	21.36 -0.11 -0.42	20.73 -0.23 -0.20	21.21 -0.02 -0.64	21.68 -0.10 -1.50	22.35 -0.12 -2.40	23.53 -0.08 -2.84	25.05 -0.25 -5.98	32.22 -0.63 -9.52	29.06 -0.31 -3.88	24.27 -0.13 -2.60	22.47 -0.10 -2.65	22.21 -0.27 -0.05	21.56 -0.02 -0.05
NEG WEST___LANCASTER 23811	13.58 -0.27 -3.51	14.38 -0.30 -2.31	14.84 -0.35 -1.68	12.86 -0.28 -2.39	13.91 -0.31 -2.45	15.79 -0.36 -3.20	23.28 -0.66 -5.62	34.67 -1.18 -6.98	24.68 -0.70 -4.76	21.96 -0.64 -2.64	21.10 -0.49 -2.08	21.04 -0.46 -0.46	20.42 -0.56 -0.22	20.88 -0.41 -0.70	21.47 -0.45 -1.64	22.25 -0.44 -2.62	23.47 -0.42 -3.11	25.40 -0.46 -6.53	32.90 -0.84 -10.41	29.04 -0.69 -4.25	24.14 -0.50 -2.85	22.38 -0.44 -2.90	22.44 -0.04 -0.06	21.84 0.26 -0.06
NEG_PENN_ALLEGHNY 23528	15.98 0.31 -5.34	16.24 0.37 -3.51	16.48 0.42 -2.55	14.72 0.33 -3.64	15.86 0.38 -3.72	18.22 0.40 -4.86	27.46 0.60 -8.53	40.43 0.95 -10.61	28.53 0.68 -7.23	24.66 0.70 -4.02	23.37 0.70 -3.17	22.50 0.76 -0.70	21.82 0.73 -0.34	22.37 0.72 -1.06	23.48 0.71 -2.49	24.76 0.70 -3.98	26.26 0.77 -4.72	29.95 0.69 -9.92	39.88 0.75 -15.81	32.82 0.89 -6.45	26.90 0.78 -4.32	25.00 0.68 -4.40	23.30 0.78 -0.09	22.41 0.80 -0.09
NEG___GEN_MONROE 24207	13.51 0.21 -2.96	14.57 0.26 -1.95	15.17 0.24 -1.42	12.97 0.20 -2.02	14.06 0.22 -2.06	15.87 0.22 -2.70	23.25 0.18 -4.74	34.93 0.17 -5.89	24.90 0.27 -4.01	22.40 0.22 -2.23	21.57 0.31 -1.76	21.77 0.34 -0.39	21.19 0.25 -0.19	21.55 0.37 -0.59	21.95 0.28 -1.38	22.58 0.30 -2.21	23.75 0.35 -2.62	25.07 0.23 -5.51	32.18 0.07 -8.78	29.44 0.38 -3.58	24.59 0.39 -2.40	22.70 0.34 -2.44	22.66 0.18 -0.05	21.94 0.37 -0.05
NEPA___ENERGY 23901	13.98 0.09 -3.55	14.82 0.12 -2.34	15.33 0.12 -1.70	13.26 0.10 -2.42	14.35 0.11 -2.48	16.29 0.10 -3.24	24.01 0.00 -5.68	35.82 -0.12 -7.06	25.50 0.06 -4.81	22.70 0.08 -2.67	21.85 0.23 -2.11	21.81 0.29 -0.47	21.16 0.19 -0.23	21.61 0.31 -0.71	22.22 0.28 -1.66	23.00 0.28 -2.65	24.29 0.37 -3.14	26.19 0.25 -6.61	33.86 0.00 -10.53	30.00 0.23 -4.29	25.00 0.33 -2.88	23.15 0.30 -2.93	22.85 0.36 -0.06	22.16 0.58 -0.06
NEVERSINK___HYD 23608	21.41 0.72 -10.35	20.02 0.84 -6.82	19.36 0.89 -4.96	18.53 0.73 -7.05	19.75 0.76 -7.21	23.25 0.87 -9.44	36.26 1.38 -16.55	51.88 1.99 -21.02	36.03 1.34 -14.07	29.21 1.26 -8.00	27.25 1.38 -6.37	24.00 1.52 -1.44	22.96 1.54 -0.68	24.18 1.46 -2.13	26.75 1.48 -4.99	29.53 1.46 -8.00	31.62 1.52 -9.33	40.19 1.39 -19.46	56.50 1.77 -31.40	40.23 1.94 -12.81	31.94 1.59 -8.55	30.16 1.43 -8.81	24.26 1.66 -0.17	23.22 1.53 -0.17
NEWKRMKL_115KV_TB1 55635	25.14 0.28 -14.52	22.25 0.33 -9.56	20.83 0.36 -6.95	20.92 0.28 -9.90	22.20 0.31 -10.12	26.52 0.34 -13.24	42.06 0.51 -23.22	57.76 0.87 -28.03	40.85 0.66 -19.57	31.09 0.62 -10.52	28.35 0.66 -8.19	23.48 0.69 -1.74	22.37 0.73 -0.89	24.01 0.66 -2.77	27.41 0.67 -6.47	31.06 0.68 -10.31	33.97 0.71 -12.49	46.61 0.72 -26.57	65.76 0.86 -41.56	43.33 0.92 -16.93	34.01 0.78 -11.43	31.99 0.62 -11.45	23.34 0.67 -0.24	22.36 0.60 -0.24
NEWTON___FALLS_HYD 23847	8.02 -0.41 1.90	7.55 -0.49 4.32	7.43 -0.43 5.64	6.38 -0.35 4.01	7.15 -0.36 4.25	7.35 -0.41 5.18	11.73 -0.68 5.92	20.84 -1.13 6.91	14.00 -0.93 5.70	13.01 -0.96 5.98	11.65 -1.01 6.84	15.31 -1.09 4.65	19.68 -1.12 -0.04	19.49 -1.24 -0.14	19.43 -1.18 -0.33	19.47 -1.12 -0.53	17.02 -1.12 2.63	15.85 -0.89 2.59	24.53 -0.89 -2.09	25.26 -1.07 -0.85	15.70 -1.09 5.00	14.23 -0.98 4.72	15.91 -0.81 5.71	15.31 -0.73 5.49
NGRID_A1_DSASP 323792	13.47 -0.14 -3.27	14.37 -0.15 -2.16	14.85 -0.23 -1.57	12.81 -0.17 -2.23	13.85 -0.20 -2.28	15.70 -0.23 -2.98	22.96 -0.57 -5.20	34.07 -1.30 -6.50	24.29 -0.76 -4.43	21.74 -0.68 -2.46	20.90 -0.55 -1.94	20.97 -0.51 -0.43	20.42 -0.54 -0.21	20.75 -0.49 -0.65	21.32 -0.49 -1.53	22.02 -0.50 -2.45	23.17 -0.50 -2.90	24.79 -0.62 -6.08	31.90 -1.14 -9.71	28.52 -0.92 -3.96	23.86 -0.59 -2.65	22.06 -0.56 -2.70	21.79 -0.70 -0.05	21.17 -0.41 -0.05
NGRID_A2_DSASP 323793	13.47 -0.14 -3.27	14.37 -0.15 -2.16	14.85 -0.23 -1.57	12.81 -0.17 -2.23	13.85 -0.20 -2.28	15.70 -0.23 -2.98	22.96 -0.57 -5.20	34.07 -1.30 -6.50	24.29 -0.76 -4.43	21.74 -0.68 -2.46	20.90 -0.55 -1.94	20.97 -0.51 -0.43	20.42 -0.54 -0.21	20.75 -0.49 -0.65	21.32 -0.49 -1.53	22.02 -0.50 -2.45	23.17 -0.50 -2.90	24.79 -0.62 -6.08	31.90 -1.14 -9.71	28.52 -0.92 -3.96	23.86 -0.59 -2.65	22.06 -0.56 -2.70	21.79 -0.70 -0.05	21.17 -0.41 -0.05

NGRID_A4_DSASP 323807	13.47 -0.14 -3.27	14.37 -0.15 -2.16	14.85 -0.23 -1.57	12.81 -0.17 -2.23	13.85 -0.20 -2.28	15.70 -0.23 -2.98	22.96 -0.57 -5.20	34.07 -1.30 -6.50	24.29 -0.76 -4.43	21.74 -0.68 -2.46	20.90 -0.55 -1.94	20.97 -0.51 -0.43	20.42 -0.54 -0.21	20.75 -0.49 -0.65	21.32 -0.49 -1.53	22.02 -0.50 -2.45	23.17 -0.50 -2.90	24.79 -0.62 -6.08	31.90 -1.14 -9.71	28.52 -0.92 -3.96	23.86 -0.59 -2.65	22.06 -0.56 -2.70	21.79 -0.70 -0.05	21.17 -0.41 -0.05
NIAGARA_115E_LBMP 323715	13.52 -0.09 -3.27	14.45 -0.06 -2.15	14.94 -0.14 -1.57	12.89 -0.09 -2.23	13.92 -0.13 -2.28	15.76 -0.17 -2.98	22.99 -0.57 -5.23	34.11 -1.27 -6.50	24.31 -0.74 -4.43	21.77 -0.64 -2.46	20.94 -0.51 -1.94	20.99 -0.48 -0.43	20.46 -0.50 -0.21	20.79 -0.45 -0.65	21.34 -0.47 -1.53	22.05 -0.46 -2.44	23.21 -0.46 -2.90	24.82 -0.60 -6.09	31.93 -1.10 -9.70	28.64 -0.79 -3.95	23.90 -0.54 -2.65	22.10 -0.52 -2.70	21.83 -0.65 -0.05	21.21 -0.37 -0.05
NIAGARA_115W_LBMP 323714	13.43 -0.18 -3.27	14.33 -0.19 -2.15	14.82 -0.26 -1.57	12.78 -0.19 -2.23	13.81 -0.24 -2.28	15.66 -0.27 -2.98	22.89 -0.62 -5.19	34.01 -1.36 -6.49	24.25 -0.80 -4.43	21.68 -0.74 -2.46	20.86 -0.58 -1.94	20.91 -0.57 -0.43	20.38 -0.58 -0.21	20.71 -0.54 -0.65	21.26 -0.55 -1.53	21.97 -0.54 -2.45	23.11 -0.56 -2.90	24.73 -0.68 -6.08	31.82 -1.21 -9.70	28.44 -0.99 -3.96	23.81 -0.63 -2.65	22.02 -0.60 -2.70	21.72 -0.76 -0.05	21.11 -0.47 -0.05
NIAGARA_230_LBMP 323716	13.55 -0.04 -3.26	14.48 -0.02 -2.14	14.99 -0.08 -1.56	12.92 -0.04 -2.22	13.97 -0.07 -2.27	15.83 -0.09 -2.97	23.17 -0.37 -5.21	34.42 -0.93 -6.47	24.54 -0.50 -4.41	21.96 -0.44 -2.45	21.10 -0.33 -1.93	21.20 -0.27 -0.43	20.65 -0.31 -0.21	20.97 -0.27 -0.65	21.53 -0.26 -1.52	22.22 -0.28 -2.43	23.38 -0.27 -2.88	25.00 -0.39 -6.06	32.14 -0.84 -9.65	28.83 -0.59 -3.93	24.08 -0.35 -2.64	22.28 -0.32 -2.69	22.05 -0.43 -0.05	21.43 -0.15 -0.05
NIAGARA__115KV_198_GIBSON 55903	13.44 -0.17 -3.27	14.33 -0.19 -2.16	14.82 -0.26 -1.57	12.78 -0.19 -2.23	13.83 -0.22 -2.28	15.66 -0.27 -2.98	22.87 -0.64 -5.19	34.01 -1.36 -6.49	24.25 -0.80 -4.43	21.68 -0.74 -2.46	20.86 -0.59 -1.94	20.91 -0.57 -0.43	20.28 -0.68 -0.21	20.75 -0.49 -0.65	21.26 -0.55 -1.53	21.95 -0.56 -2.45	23.11 -0.56 -2.90	24.71 -0.70 -6.08	31.82 -1.21 -9.70	28.42 -1.02 -3.96	23.79 -0.65 -2.65	22.10 -0.52 -2.70	21.72 -0.76 -0.05	21.11 -0.47 -0.05
NIAGARA____ 23760	13.57 -0.04 -3.27	14.49 -0.02 -2.15	15.00 -0.08 -1.57	12.93 -0.04 -2.23	13.98 -0.07 -2.28	15.84 -0.09 -2.98	23.17 -0.37 -5.21	34.44 -0.93 -6.49	24.55 -0.50 -4.42	21.97 -0.44 -2.46	21.11 -0.33 -1.94	21.20 -0.27 -0.43	20.65 -0.31 -0.21	20.97 -0.27 -0.65	21.54 -0.26 -1.53	22.23 -0.28 -2.44	23.39 -0.27 -2.89	25.02 -0.39 -6.07	32.17 -0.84 -9.68	28.84 -0.59 -3.95	24.09 -0.35 -2.65	22.29 -0.32 -2.70	22.05 -0.43 -0.05	21.43 -0.15 -0.05
NINE_MILE_1 23575	12.01 -0.17 -1.84	13.38 -0.20 -1.21	14.18 -0.22 -0.88	11.83 -0.17 -1.26	12.88 -0.18 -1.28	14.44 -0.19 -1.68	20.96 -0.31 -2.95	32.02 -0.52 -3.67	22.77 -0.35 -2.50	21.02 -0.32 -1.39	20.17 -0.43 -1.09	20.83 -0.46 -0.24	20.45 -0.41 -0.12	20.54 -0.41 -0.37	20.71 -0.43 -0.86	21.02 -0.42 -1.38	21.97 -0.44 -1.63	22.35 -0.41 -3.43	28.25 -0.54 -5.46	27.14 -0.56 -2.23	22.83 -0.46 -1.49	21.06 -0.38 -1.52	22.08 -0.38 -0.03	21.23 -0.32 -0.03
NINE_MILE_2 23744	12.01 -0.17 -1.84	13.37 -0.20 -1.21	14.17 -0.22 -0.88	11.83 -0.17 -1.25	12.87 -0.18 -1.28	14.43 -0.19 -1.67	20.95 -0.31 -2.94	32.00 -0.52 -3.65	22.76 -0.35 -2.49	21.01 -0.32 -1.38	20.16 -0.43 -1.09	20.82 -0.46 -0.24	20.45 -0.41 -0.12	20.54 -0.41 -0.37	20.71 -0.43 -0.86	21.02 -0.42 -1.37	21.96 -0.44 -1.62	22.33 -0.41 -3.41	28.23 -0.54 -5.44	27.13 -0.56 -2.22	22.82 -0.46 -1.49	21.05 -0.38 -1.51	22.08 -0.38 -0.03	21.23 -0.32 -0.03
NM_CAPITAL____DRP 24208	25.16 0.32 -14.51	22.31 0.40 -9.55	20.89 0.43 -6.94	20.95 0.32 -9.88	22.24 0.36 -10.11	26.57 0.40 -13.22	42.11 0.59 -23.19	57.74 0.98 -27.89	40.90 0.74 -19.53	31.11 0.70 -10.46	28.37 0.74 -8.12	23.55 0.78 -1.72	22.45 0.81 -0.88	24.10 0.76 -2.75	27.45 0.75 -6.42	31.07 0.76 -10.23	34.02 0.81 -12.43	46.61 0.79 -26.49	65.62 0.96 -41.34	43.34 1.02 -16.84	34.05 0.87 -11.38	32.01 0.72 -11.38	23.43 0.76 -0.23	22.45 0.69 -0.23
NM_CENTRAL____DRP 24181	12.95 0.10 -2.51	14.14 0.12 -1.66	14.86 0.15 -1.20	12.58 0.12 -1.71	13.66 0.14 -1.75	15.38 0.14 -2.29	22.59 0.24 -4.02	34.22 0.35 -5.00	24.30 0.27 -3.41	22.10 0.26 -1.89	21.21 0.21 -1.49	21.59 0.21 -0.33	21.12 0.21 -0.16	21.36 0.27 -0.50	21.65 0.20 -1.17	22.15 0.20 -1.87	23.22 0.23 -2.22	24.21 0.21 -4.67	30.96 0.19 -7.44	28.74 0.23 -3.03	24.05 0.22 -2.04	22.21 0.22 -2.07	22.72 0.25 -0.04	21.85 0.28 -0.04
NM_FRONTIER____DRP 24179	13.44 -0.17 -3.27	14.33 -0.19 -2.16	14.82 -0.26 -1.57	12.78 -0.19 -2.23	13.83 -0.22 -2.28	15.66 -0.27 -2.98	22.87 -0.64 -5.19	34.01 -1.36 -6.49	24.25 -0.80 -4.43	21.68 -0.74 -2.46	20.86 -0.59 -1.94	20.91 -0.57 -0.43	20.28 -0.68 -0.21	20.75 -0.49 -0.65	21.26 -0.55 -1.53	21.95 -0.56 -2.45	23.11 -0.56 -2.90	24.71 -0.70 -6.08	31.82 -1.21 -9.70	28.42 -1.02 -3.96	23.79 -0.65 -2.65	22.10 -0.52 -2.70	21.72 -0.76 -0.05	21.11 -0.47 -0.05
NM_ST_REGIS____HYD 24053	6.14 -0.47 3.73	4.50 -0.57 7.29	3.64 -0.63 9.24	3.42 -0.51 6.82	4.01 -0.55 7.21	3.46 -0.66 8.83	6.92 -1.15 10.25	16.02 -1.82 11.03	10.21 -1.42 9.00	9.54 -1.38 9.03	7.22 -1.38 10.89	12.14 -1.51 7.41	19.26 -1.51 -0.02	19.12 -1.54 -0.07	18.95 -1.50 -0.17	18.90 -1.45 -0.28	14.46 -1.52 4.79	12.60 -1.28 5.46	23.14 -1.28 -1.09	24.40 -1.53 -0.45	11.91 -1.39 8.49	10.65 -1.22 8.05	12.27 -1.14 9.02	11.81 -1.05 8.66
NORTHPORT____1 23551	24.50 0.98 -13.18	21.96 1.16 -8.44	20.77 1.24 -6.02	21.64 1.00 -9.90	22.24 1.04 -9.43	26.68 1.17 -12.56	38.88 1.47 -19.09	55.84 2.34 -24.64	38.73 1.83 -16.27	31.14 1.78 -9.41	29.04 1.99 -7.54	26.98 2.34 -3.60	26.56 2.12 -3.69	27.38 2.26 -4.53	28.29 2.11 -5.90	31.35 1.81 -9.47	33.65 1.93 -10.95	43.90 1.80 -22.77	62.37 2.12 -36.92	43.06 2.32 -15.26	33.96 2.03 -10.14	32.27 1.91 -10.44	28.74 2.02 -4.30	25.80 2.07 -2.20
NORTHPORT____2 23552	24.50 0.98 -13.18	21.96 1.16 -8.44	20.77 1.24 -6.02	21.64 1.00 -9.90	22.24 1.04 -9.43	26.68 1.17 -12.56	38.88 1.47 -19.09	55.84 2.34 -24.64	38.73 1.83 -16.27	31.14 1.78 -9.41	29.04 1.99 -7.54	26.98 2.34 -3.60	26.56 2.12 -3.69	27.38 2.26 -4.53	28.29 2.11 -5.90	31.35 1.81 -9.47	33.65 1.93 -10.95	43.90 1.80 -22.77	62.37 2.12 -36.92	43.06 2.32 -15.26	33.96 2.03 -10.14	32.27 1.91 -10.44	28.74 2.02 -4.30	25.80 2.07 -2.20
NORTHPORT____3 23553	24.49 0.97 -13.18	21.96 1.16 -8.44	20.74 1.22 -6.01	21.62 0.98 -9.90	22.24 1.04 -9.43	26.68 1.17 -12.56	39.10 1.68 -19.09	56.22 2.71 -24.64	38.90 2.00 -16.27	31.26 1.90 -9.41	29.19 2.15 -7.54	27.02 2.38 -3.59	26.66 2.22 -3.69	27.44 2.33 -4.53	28.59 2.41 -5.90	31.72 2.19 -9.47	34.11 2.37 -10.97	44.49 2.20 -22.95	62.92 2.64 -36.96	43.93 2.88 -15.57	34.57 2.46 -10.32	32.67 2.27 -10.48	29.23 2.45 -4.35	25.84 2.11 -2.20

NORTHPORT___4 23650	24.49 0.97 -13.18	21.96 1.16 -8.44	20.74 1.22 -6.01	21.62 0.98 -9.90	22.24 1.04 -9.43	26.68 1.17 -12.56	39.10 1.68 -19.09	56.22 2.71 -24.64	38.90 2.00 -16.27	31.26 1.90 -9.41	29.19 2.15 -7.54	27.02 2.38 -3.59	26.66 2.22 -3.69	27.44 2.33 -4.53	28.59 2.41 -5.90	31.72 2.19 -9.47	34.11 2.37 -10.97	44.49 2.20 -22.95	62.92 2.64 -36.96	43.93 2.88 -15.57	34.57 2.46 -10.32	32.67 2.27 -10.48	29.23 2.45 -4.35	25.84 2.11 -2.20
NORTHPORT___IC 23718	24.50 0.98 -13.18	21.96 1.16 -8.44	20.77 1.24 -6.02	21.64 1.00 -9.90	22.24 1.04 -9.43	26.68 1.17 -12.56	38.88 1.47 -19.09	55.84 2.34 -24.64	38.73 1.83 -16.27	31.14 1.78 -9.41	29.04 1.99 -7.54	26.98 2.34 -3.60	26.56 2.12 -3.69	27.38 2.26 -4.53	28.29 2.11 -5.90	31.35 1.81 -9.47	33.65 1.93 -10.95	43.90 1.80 -22.77	62.37 2.12 -36.92	43.06 2.32 -15.26	33.96 2.03 -10.14	32.27 1.91 -10.44	28.74 2.02 -4.30	25.80 2.07 -2.20
NORTH___COUNTRY_ESR 323785	4.84 -0.52 4.97	2.54 -0.68 9.14	1.21 -0.88 11.43	1.46 -0.70 8.59	1.93 -0.78 9.06	0.90 -0.92 11.13	-0.12 -1.43 17.02	-7.62 -2.08 34.41	-7.46 -1.55 26.54	-7.42 -1.56 25.82	-0.19 -1.44 18.25	10.54 -1.45 9.05	19.11 -1.64 0.00	19.04 -1.54 0.00	18.84 -1.44 0.00	18.69 -1.38 0.00	13.13 -1.43 6.21	10.62 -1.26 7.46	22.23 -1.10 0.00	24.10 -1.38 0.00	9.98 -1.09 10.73	8.68 -1.04 10.20	10.20 -1.21 11.02	9.73 -1.21 10.59
NPX_GEN_1385_PROXY 323591	24.42 0.90 -13.18	21.85 1.05 -8.44	20.65 1.12 -6.02	21.55 0.90 -9.90	22.13 0.93 -9.43	26.60 1.09 -12.56	38.59 1.17 -19.09	54.75 1.24 -24.64	38.32 1.42 -16.27	30.07 1.20 -8.92	25.45 1.21 -4.74	25.09 1.47 -2.57	24.91 1.49 -2.66	26.13 1.40 -4.14	27.16 1.26 -5.62	27.92 0.96 -6.89	32.84 1.12 -10.95	43.20 1.10 -22.77	52.30 1.24 -27.73	40.39 1.32 -13.59	33.15 1.22 -10.14	31.38 1.17 -10.29	28.07 1.35 -4.30	25.30 1.57 -2.20
NPX_GEN_CSC 323557	24.67 1.15 -13.18	22.17 1.37 -8.44	21.04 1.47 -6.06	21.87 1.18 -9.94	22.41 1.21 -9.43	26.87 1.36 -12.56	39.25 1.83 -19.09	56.63 3.12 -24.64	39.31 2.41 -16.27	31.56 2.16 -9.46	29.68 2.52 -7.66	27.52 2.84 -3.64	26.95 2.47 -3.73	27.94 2.78 -4.57	29.35 2.70 -6.38	32.09 2.43 -9.59	36.46 2.64 -13.05	56.60 2.44 -34.84	65.97 2.87 -39.77	63.55 3.16 -34.91	46.28 2.72 -21.76	36.25 2.55 -13.78	33.40 2.58 -8.39	26.20 2.47 -2.20
NSINS_S_GLNS_FALLS 23858	25.82 0.66 -14.83	22.92 0.80 -9.76	21.61 1.00 -7.10	21.61 0.76 -10.10	23.09 0.99 -10.33	27.59 1.13 -13.51	43.78 1.74 -23.71	60.27 2.80 -28.60	42.58 1.98 -19.98	32.53 1.84 -10.74	29.61 1.76 -8.35	24.59 1.77 -1.78	23.40 1.74 -0.91	25.12 1.71 -2.82	28.58 1.70 -6.60	32.35 1.77 -10.52	35.18 1.66 -12.75	48.07 1.62 -27.12	67.70 1.96 -42.41	44.87 2.11 -17.28	35.27 1.81 -11.67	33.06 1.45 -11.69	24.15 1.48 -0.24	23.08 1.31 -0.24
NUCOR_STEEL___DRP 24197	13.65 0.30 -3.01	14.72 0.37 -1.98	15.37 0.42 -1.44	13.14 0.34 -2.05	14.25 0.38 -2.10	16.10 0.40 -2.75	23.77 0.62 -4.82	36.08 1.21 -5.99	25.55 0.85 -4.08	23.04 0.82 -2.27	22.09 0.80 -1.79	22.27 0.82 -0.40	21.72 0.77 -0.20	22.03 0.82 -0.61	22.49 0.77 -1.44	23.03 0.66 -2.30	24.22 0.73 -2.72	25.73 0.68 -5.72	33.17 0.72 -9.12	30.06 0.87 -3.72	24.98 0.74 -2.44	23.06 0.66 -2.49	23.17 0.70 -0.05	22.31 0.73 -0.05
NUMBER_THREE_WT_PWR 323818	10.08 -0.19 0.07	10.93 -0.22 1.20	11.67 -0.01 1.82	9.65 -0.02 1.07	10.62 0.00 1.15	11.61 0.03 1.37	17.21 0.06 1.17	27.76 0.09 1.20	19.38 -0.06 1.18	18.19 -0.08 1.69	17.08 -0.25 2.17	19.10 -0.27 1.67	20.58 -0.23 -0.06	20.15 -0.62 -0.18	20.24 -0.47 -0.43	20.37 -0.38 -0.68	20.00 -0.35 0.42	19.40 -0.16 -0.23	25.98 -0.07 -2.72	26.41 -0.18 -1.11	20.04 -0.39 1.36	18.30 -0.38 1.24	20.24 -0.04 2.14	19.42 -0.04 2.06
NYISO_LBMP_REFERENCE 24008	10.34 0.00 0.00	12.36 0.00 0.00	13.51 0.00 0.00	10.75 0.00 0.00	11.77 0.00 0.00	12.95 0.00 0.00	18.33 0.00 0.00	28.87 0.00 0.00	20.62 0.00 0.00	19.95 0.00 0.00	19.50 0.00 0.00	21.05 0.00 0.00	20.75 0.00 0.00	20.59 0.00 0.00	20.28 0.00 0.00	20.07 0.00 0.00	20.77 0.00 0.00	19.33 0.00 0.00	23.33 0.00 0.00	25.48 0.00 0.00	21.80 0.00 0.00	19.92 0.00 0.00	22.43 0.00 0.00	21.53 0.00 0.00
NYPA_BRENTWD___GT 24164	24.67 1.15 -13.18	22.16 1.36 -8.44	20.86 1.32 -6.02	21.74 1.10 -9.90	22.41 1.21 -9.43	26.87 1.36 -12.56	39.27 1.85 -19.09	56.54 3.03 -24.64	39.21 2.31 -16.27	31.48 2.11 -9.42	29.18 2.13 -7.55	27.15 2.50 -3.60	26.85 2.41 -3.70	27.55 2.43 -4.53	28.48 2.25 -5.95	31.54 1.99 -9.49	34.11 2.16 -11.18	45.35 1.93 -24.09	62.85 2.29 -37.23	45.41 2.52 -17.41	35.40 2.20 -11.41	32.85 2.13 -10.80	29.37 2.20 -4.74	26.10 2.37 -2.20
NYPA_GOWANUS___GT5 24156	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NYPA_GOWANUS___GT6 24157	23.23 0.94 -11.95	21.33 1.10 -7.87	20.37 1.14 -5.72	19.81 0.92 -8.14	21.02 0.93 -8.32	24.83 1.00 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.61 1.97 -8.88	33.48 1.98 -10.92	35.04 1.99 -12.77	34.45 1.93 -12.46	33.65 1.93 -10.95	54.09 1.80 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.80 1.98 -10.02	32.27 1.93 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.20
NYPA_HARLEM__RVR_GT1 24160	23.14 0.86 -11.95	21.24 1.01 -7.87	20.27 1.04 -5.72	19.73 0.85 -8.14	20.94 0.85 -8.32	24.74 0.91 -10.88	38.76 1.34 -19.09	55.67 2.17 -24.63	38.52 1.63 -16.27	30.92 1.56 -9.41	29.31 1.83 -7.97	25.58 2.00 -2.53	38.45 1.91 -15.79	25.84 1.93 -3.32	28.76 1.93 -6.56	31.68 1.85 -9.76	33.60 1.89 -10.94	44.70 1.74 -23.63	62.75 2.12 -37.30	42.79 2.24 -15.07	33.68 1.87 -10.01	32.09 1.75 -10.41	24.56 1.93 -0.20	23.64 1.92 -0.20
NYPA_HARLEM__RVR_GT2 24161	23.14 0.86 -11.95	21.24 1.01 -7.87	20.27 1.04 -5.72	19.73 0.85 -8.14	20.94 0.85 -8.32	24.74 0.91 -10.88	38.76 1.34 -19.09	55.67 2.17 -24.63	38.52 1.63 -16.27	30.92 1.56 -9.41	29.31 1.83 -7.97	25.58 2.00 -2.53	38.45 1.91 -15.79	25.84 1.93 -3.32	28.76 1.93 -6.56	31.68 1.85 -9.76	33.60 1.89 -10.94	44.70 1.74 -23.63	62.75 2.12 -37.30	42.79 2.24 -15.07	33.68 1.87 -10.01	32.09 1.75 -10.41	24.56 1.93 -0.20	23.64 1.92 -0.20
NYPA_KENT___GT 24152	23.20 0.91 -11.95	21.29 1.06 -7.87	20.31 1.08 -5.72	19.76 0.88 -8.14	20.99 0.89 -8.32	24.81 0.97 -10.88	38.83 1.41 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.00 1.64 -9.42	33.37 1.87 -11.99	33.15 2.02 -10.08	31.59 1.95 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.44 1.91 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.58 2.17 -41.08	42.88 2.32 -15.08	33.78 1.96 -10.02	32.21 1.87 -10.42	24.75 2.11 -0.21	23.73 2.00 -0.20

NYPA_POUCH1____GT 24155	23.24 0.95 -11.95	21.34 1.11 -7.87	20.38 1.15 -5.72	19.82 0.93 -8.14	21.03 0.94 -8.32	24.85 1.01 -10.88	38.83 1.41 -19.09	55.82 2.31 -24.64	38.61 1.71 -16.28	30.98 1.62 -9.42	33.39 1.89 -11.99	33.19 2.06 -10.08	31.63 1.99 -8.88	33.50 2.00 -10.92	35.06 2.01 -12.77	34.47 1.95 -12.46	33.65 1.93 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.29 1.95 -10.42	24.86 2.22 -0.21	23.84 2.11 -0.20
NYPA_VERNON____GT2 24162	23.15 0.87 -11.95	21.24 1.01 -7.87	20.27 1.04 -5.72	19.72 0.84 -8.14	20.94 0.85 -8.32	24.78 0.94 -10.88	38.85 1.43 -19.09	55.82 2.31 -24.64	38.61 1.71 -16.28	31.00 1.64 -9.42	33.35 1.85 -11.99	33.15 2.02 -10.08	31.59 1.95 -8.88	33.46 1.96 -10.92	35.00 1.95 -12.77	34.41 1.89 -12.46	33.65 1.93 -10.95	54.07 1.78 -32.96	66.55 2.15 -41.08	42.88 2.32 -15.08	33.78 1.96 -10.02	32.17 1.83 -10.42	24.68 2.04 -0.21	23.64 1.92 -0.20
NYPA_VERNON____GT3 24163	23.15 0.87 -11.95	21.24 1.01 -7.87	20.27 1.04 -5.72	19.72 0.84 -8.14	20.94 0.85 -8.32	24.78 0.94 -10.88	38.85 1.43 -19.09	55.82 2.31 -24.64	38.61 1.71 -16.28	31.00 1.64 -9.42	33.35 1.85 -11.99	33.15 2.02 -10.08	31.59 1.95 -8.88	33.46 1.96 -10.92	35.00 1.95 -12.77	34.41 1.89 -12.46	33.65 1.93 -10.95	54.07 1.78 -32.96	66.55 2.15 -41.08	42.88 2.32 -15.08	33.78 1.96 -10.02	32.17 1.83 -10.42	24.68 2.04 -0.21	23.64 1.92 -0.20
NYPA____ASTORIA_CC1 323568	23.14 0.86 -11.95	21.24 1.01 -7.87	20.25 1.03 -5.72	19.72 0.84 -8.14	20.94 0.85 -8.32	24.77 0.93 -10.88	38.83 1.41 -19.09	55.79 2.28 -24.64	38.59 1.69 -16.28	30.98 1.62 -9.42	33.33 1.83 -11.99	33.13 2.00 -10.08	31.57 1.93 -8.88	33.44 1.93 -10.92	34.98 1.93 -12.77	34.39 1.87 -12.46	33.61 1.89 -10.95	54.03 1.74 -32.96	66.53 2.12 -41.08	42.85 2.29 -15.08	33.73 1.92 -10.02	32.15 1.81 -10.42	24.66 2.02 -0.21	23.64 1.92 -0.20
NYPA____ASTORIA_CC2 323569	23.14 0.86 -11.95	21.24 1.01 -7.87	20.25 1.03 -5.72	19.72 0.84 -8.14	20.94 0.85 -8.32	24.77 0.93 -10.88	38.83 1.41 -19.09	55.79 2.28 -24.64	38.59 1.69 -16.28	30.98 1.62 -9.42	33.33 1.83 -11.99	33.13 2.00 -10.08	31.57 1.93 -8.88	33.44 1.93 -10.92	34.98 1.93 -12.77	34.39 1.87 -12.46	33.61 1.89 -10.95	54.03 1.74 -32.96	66.53 2.12 -41.08	42.85 2.29 -15.08	33.73 1.92 -10.02	32.15 1.81 -10.42	24.66 2.02 -0.21	23.64 1.92 -0.20
NYPA____HOLTSVILL 23794	24.59 1.06 -13.18	22.07 1.27 -8.44	20.92 1.35 -6.06	21.77 1.08 -9.94	22.33 1.13 -9.43	26.77 1.26 -12.56	39.08 1.67 -19.09	56.28 2.77 -24.64	39.04 2.14 -16.27	31.40 1.99 -9.46	29.46 2.30 -7.66	27.29 2.61 -3.64	26.81 2.32 -3.73	27.71 2.55 -4.57	29.11 2.45 -6.38	31.85 2.19 -9.59	36.15 2.33 -13.05	56.32 2.15 -34.84	65.64 2.54 -39.77	63.20 2.80 -34.91	45.98 2.42 -21.76	35.97 2.27 -13.78	33.17 2.35 -8.39	26.03 2.30 -2.20
NYPA____HELLGATE_GT1 24158	23.14 0.86 -11.95	21.24 1.01 -7.87	20.27 1.04 -5.72	19.73 0.85 -8.14	20.94 0.85 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.67 2.17 -24.63	38.50 1.61 -16.27	30.90 1.54 -9.41	37.14 1.83 -15.80	40.26 2.00 -17.22	24.23 1.91 -1.57	40.62 1.93 -18.10	40.85 1.93 -18.65	31.14 1.85 -9.22	33.60 1.89 -10.94	42.80 1.72 -21.75	61.97 2.10 -36.54	42.79 2.24 -15.07	33.66 1.85 -10.01	32.09 1.75 -10.41	24.56 1.93 -0.20	23.64 1.92 -0.20
NYPA____HELLGATE_GT2 24159	23.14 0.86 -11.95	21.24 1.01 -7.87	20.27 1.04 -5.72	19.73 0.85 -8.14	20.94 0.85 -8.32	24.74 0.91 -10.88	38.74 1.32 -19.09	55.67 2.17 -24.63	38.50 1.61 -16.27	30.90 1.54 -9.41	37.14 1.83 -15.80	40.26 2.00 -17.22	24.23 1.91 -1.57	40.62 1.93 -18.10	40.85 1.93 -18.65	31.14 1.85 -9.22	33.60 1.89 -10.94	42.80 1.72 -21.75	61.97 2.10 -36.54	42.79 2.24 -15.07	33.66 1.85 -10.01	32.09 1.75 -10.41	24.56 1.93 -0.20	23.64 1.92 -0.20
NYS_BARGE____HYD 23848	13.59 0.04 -3.21	14.56 0.09 -2.12	15.09 0.04 -1.54	12.99 0.05 -2.19	14.03 0.02 -2.24	15.88 0.00 -2.93	23.18 -0.27 -5.13	34.51 -0.75 -6.39	24.61 -0.37 -4.35	22.07 -0.30 -2.42	21.23 -0.18 -1.91	21.34 -0.13 -0.42	20.83 -0.12 -0.20	21.15 -0.08 -0.64	21.66 -0.12 -1.50	22.37 -0.10 -2.40	23.51 -0.10 -2.84	25.05 -0.25 -5.98	32.22 -0.63 -9.52	29.06 -0.30 -3.88	24.25 -0.15 -2.60	22.37 -0.20 -2.65	22.19 -0.29 -0.05	21.53 -0.04 -0.05
OAK ORCHARD____HYD 24046	13.49 0.21 -2.95	14.56 0.26 -1.94	15.17 0.24 -1.41	12.97 0.21 -2.01	14.06 0.24 -2.06	15.88 0.25 -2.69	23.32 0.28 -4.72	35.11 0.37 -5.86	25.01 0.39 -3.99	22.49 0.32 -2.22	21.64 0.39 -1.75	21.90 0.46 -0.39	21.38 0.44 -0.19	21.65 0.47 -0.59	22.08 0.43 -1.38	22.70 0.42 -2.20	23.86 0.48 -2.61	25.17 0.35 -5.49	32.28 0.21 -8.74	29.53 0.48 -3.56	24.64 0.46 -2.39	22.71 0.36 -2.43	22.70 0.22 -0.05	21.92 0.34 -0.05
OAKDALE__35_KV_LOAD 356122	15.93 0.27 -5.32	16.20 0.33 -3.51	16.42 0.36 -2.55	14.66 0.29 -3.63	15.81 0.33 -3.71	18.15 0.35 -4.85	27.37 0.53 -8.51	40.23 0.78 -10.58	28.41 0.58 -7.21	24.52 0.56 -4.01	23.27 0.60 -3.16	22.40 0.65 -0.70	21.69 0.60 -0.34	22.29 0.64 -1.06	23.37 0.61 -2.48	24.67 0.62 -3.97	26.15 0.66 -4.71	29.83 0.60 -9.90	39.73 0.63 -15.77	32.67 0.76 -6.43	26.78 0.68 -4.31	24.91 0.60 -4.39	23.19 0.67 -0.09	22.32 0.71 -0.09
OCC_CHEM____DRP 24175	13.47 -0.14 -3.28	14.37 -0.15 -2.16	14.85 -0.23 -1.57	12.82 -0.16 -2.23	13.86 -0.19 -2.28	15.70 -0.23 -2.99	22.92 -0.60 -5.20	34.07 -1.30 -6.50	24.30 -0.76 -4.44	21.72 -0.70 -2.46	20.90 -0.55 -1.94	20.97 -0.51 -0.43	20.32 -0.64 -0.21	20.79 -0.45 -0.65	21.32 -0.49 -1.53	21.99 -0.52 -2.45	23.17 -0.50 -2.90	24.77 -0.64 -6.08	31.90 -1.14 -9.71	28.49 -0.94 -3.96	23.86 -0.59 -2.65	22.16 -0.46 -2.70	21.79 -0.70 -0.05	21.17 -0.41 -0.05
OH_GEN_PROXY 24063	13.56 -0.03 -3.25	14.49 -0.01 -2.14	15.00 -0.07 -1.56	12.92 -0.04 -2.22	13.98 -0.06 -2.27	15.84 -0.08 -2.96	23.20 -0.33 -5.20	34.50 -0.84 -6.47	24.60 -0.43 -4.41	22.00 -0.40 -2.45	21.14 -0.29 -1.93	21.24 -0.23 -0.43	20.71 -0.25 -0.21	21.01 -0.23 -0.65	21.57 -0.22 -1.52	22.26 -0.24 -2.43	23.42 -0.23 -2.88	25.05 -0.33 -6.05	32.20 -0.77 -9.64	28.90 -0.51 -3.93	24.15 -0.28 -2.63	22.32 -0.28 -2.68	22.10 -0.38 -0.05	21.45 -0.13 -0.05
OLIN_CORP_DRP 24177	13.55 -0.07 -3.29	14.47 -0.05 -2.16	14.98 -0.11 -1.57	12.92 -0.06 -2.24	13.97 -0.09 -2.29	15.80 -0.14 -3.00	22.99 -0.59 -5.25	34.19 -1.21 -6.53	24.37 -0.70 -4.45	21.81 -0.62 -2.47	20.99 -0.47 -1.95	21.04 -0.44 -0.43	20.40 -0.56 -0.21	20.89 -0.35 -0.66	21.41 -0.41 -1.53	22.08 -0.44 -2.45	23.27 -0.42 -2.91	24.88 -0.56 -6.11	32.04 -1.03 -9.74	28.69 -0.76 -3.97	23.96 -0.50 -2.66	22.25 -0.38 -2.71	21.88 -0.61 -0.05	21.26 -0.32 -0.05
OLIN_CORP_DSASP 323712	13.47 -0.14 -3.27	14.37 -0.15 -2.16	14.85 -0.23 -1.57	12.81 -0.17 -2.23	13.85 -0.20 -2.28	15.70 -0.23 -2.98	22.96 -0.57 -5.20	34.07 -1.30 -6.50	24.29 -0.76 -4.43	21.74 -0.68 -2.46	20.90 -0.55 -1.94	20.97 -0.51 -0.43	20.42 -0.54 -0.21	20.75 -0.49 -0.65	21.32 -0.49 -1.53	22.02 -0.50 -2.45	23.17 -0.50 -2.90	24.79 -0.62 -6.08	31.90 -1.14 -9.71	28.52 -0.92 -3.96	23.86 -0.59 -2.65	22.06 -0.56 -2.70	21.79 -0.70 -0.05	21.17 -0.41 -0.05

ONEIDA_HERK_LFGE 323681	10.91 0.08 -0.49	12.47 0.10 -0.01	13.47 0.20 0.25	10.96 0.15 -0.06	12.00 0.19 -0.05	13.28 0.23 -0.10	19.23 0.37 -0.53	30.28 0.55 -0.86	21.45 0.33 -0.50	20.37 0.36 -0.05	19.44 0.18 0.24	20.85 0.19 0.38	21.05 0.25 -0.05	20.78 0.04 -0.15	20.73 0.10 -0.35	20.76 0.12 -0.57	21.28 0.17 -0.34	20.61 0.27 -1.01	25.97 0.40 -2.24	26.75 0.36 -0.91	22.05 0.20 -0.05	20.15 0.14 -0.09	22.20 0.34 0.56	21.31 0.32 0.54
ONEIDA___115KV_TB4 55905	11.91 0.31 -1.26	13.56 0.37 -0.83	14.56 0.45 -0.60	11.95 0.34 -0.86	13.05 0.40 -0.88	14.57 0.47 -1.15	21.09 0.75 -2.02	32.47 1.10 -2.51	23.05 0.72 -1.71	21.52 0.62 -0.95	20.82 0.57 -0.75	21.82 0.61 -0.16	21.39 0.56 -0.08	21.48 0.64 -0.25	21.41 0.55 -0.59	21.59 0.58 -0.94	22.53 0.64 -1.11	22.37 0.70 -2.34	27.97 0.91 -3.73	27.94 0.94 -1.52	23.54 0.72 -1.02	21.58 0.62 -1.04	23.19 0.74 -0.02	22.26 0.71 -0.02
ONONDAGA_REF_OCCRA 23987	13.27 0.16 -2.78	14.38 0.19 -1.83	15.04 0.20 -1.33	12.80 0.16 -1.90	13.90 0.19 -1.94	15.69 0.21 -2.54	23.11 0.33 -4.45	34.92 0.52 -5.53	24.76 0.37 -3.77	22.40 0.36 -2.09	21.47 0.31 -1.65	21.75 0.34 -0.36	21.24 0.31 -0.18	21.51 0.37 -0.55	21.88 0.30 -1.30	22.47 0.32 -2.07	23.58 0.35 -2.46	24.83 0.33 -5.17	31.91 0.35 -8.23	29.24 0.41 -3.36	24.40 0.35 -2.25	22.55 0.34 -2.29	22.83 0.36 -0.05	21.96 0.39 -0.05
ONONDAGA___COGEN 23986	13.27 0.20 -2.74	14.40 0.23 -1.80	15.09 0.27 -1.31	12.83 0.21 -1.86	13.92 0.25 -1.91	15.70 0.26 -2.49	23.10 0.40 -4.37	34.92 0.61 -5.44	24.76 0.43 -3.70	22.43 0.42 -2.06	21.50 0.37 -1.62	21.80 0.40 -0.36	21.30 0.37 -0.17	21.56 0.43 -0.54	21.92 0.37 -1.27	22.49 0.38 -2.04	23.62 0.44 -2.41	24.79 0.39 -5.07	31.83 0.42 -8.08	29.26 0.48 -3.29	24.42 0.41 -2.21	22.57 0.40 -2.26	22.92 0.45 -0.04	22.04 0.47 -0.04
ONTARIO___LFGE 23819	13.85 0.28 -3.24	14.84 0.35 -2.13	15.45 0.39 -1.55	13.27 0.31 -2.21	14.39 0.37 -2.26	16.32 0.41 -2.95	24.18 0.68 -5.18	36.32 1.01 -6.44	25.75 0.74 -4.39	23.13 0.74 -2.44	22.11 0.68 -1.92	22.19 0.72 -0.42	21.70 0.75 -0.21	21.91 0.68 -0.65	22.46 0.67 -1.51	23.17 0.68 -2.42	24.43 0.79 -2.87	26.09 0.73 -6.03	33.63 0.70 -9.60	30.34 0.94 -3.91	25.23 0.81 -2.62	23.21 0.62 -2.67	23.18 0.70 -0.05	22.31 0.73 -0.05
ORANGEVILLE_WT_PWR 323706	14.00 0.00 -3.67	14.80 0.02 -2.41	15.28 0.01 -1.76	13.27 0.02 -2.50	14.34 0.01 -2.56	16.31 0.01 -3.34	24.10 -0.09 -5.86	35.76 -0.40 -7.29	25.51 -0.08 -4.97	22.67 -0.04 -2.76	21.72 0.04 -2.18	21.63 0.11 -0.48	21.07 0.08 -0.23	21.44 0.12 -0.73	22.07 0.08 -1.71	22.93 0.12 -2.74	24.17 0.15 -3.25	26.21 0.06 -6.82	33.97 -0.23 -10.87	29.94 0.03 -4.43	24.90 0.13 -2.97	22.98 0.04 -3.02	22.53 0.04 -0.06	21.84 0.26 -0.06
ORANGEVILLE___ESR 323794	14.00 0.00 -3.67	14.80 0.02 -2.41	15.28 0.01 -1.76	13.27 0.02 -2.50	14.34 0.01 -2.56	16.31 0.01 -3.34	24.10 -0.09 -5.86	35.76 -0.40 -7.29	25.51 -0.08 -4.97	22.67 -0.04 -2.76	21.72 0.04 -2.18	21.63 0.11 -0.48	21.07 0.08 -0.23	21.44 0.12 -0.73	22.07 0.08 -1.71	22.93 0.12 -2.74	24.17 0.15 -3.25	26.21 0.06 -6.82	33.97 -0.23 -10.87	29.94 0.03 -4.43	24.90 0.13 -2.97	22.98 0.04 -3.02	22.53 0.04 -0.06	21.84 0.26 -0.06
OSWEGATCHIE___HYD 24044	8.04 -0.40 1.90	7.55 -0.49 4.32	7.43 -0.43 5.64	6.38 -0.35 4.01	7.15 -0.36 4.25	7.35 -0.41 5.18	11.69 -0.72 5.92	20.84 -1.13 6.91	14.00 -0.93 5.70	13.05 -0.92 5.98	11.65 -1.02 6.84	15.31 -1.10 4.65	19.72 -1.08 -0.04	19.47 -1.26 -0.14	19.43 -1.18 -0.33	19.47 -1.12 -0.53	17.02 -1.12 2.63	15.85 -0.89 2.59	24.53 -0.89 -2.09	25.26 -1.07 -0.85	15.70 -1.09 5.01	14.22 -0.98 4.72	15.91 -0.81 5.71	15.31 -0.73 5.49
OSWEGO___5 23606	12.05 -0.12 -1.83	13.42 -0.15 -1.21	14.24 -0.15 -0.88	11.88 -0.12 -1.25	12.92 -0.13 -1.28	14.48 -0.14 -1.67	21.04 -0.22 -2.93	32.14 -0.38 -3.65	22.86 -0.25 -2.48	21.11 -0.22 -1.38	20.28 -0.31 -1.09	20.95 -0.34 -0.24	20.58 -0.29 -0.12	20.65 -0.31 -0.37	20.81 -0.33 -0.86	21.12 -0.32 -1.37	22.08 -0.31 -1.62	22.43 -0.31 -3.41	28.34 -0.42 -5.43	27.26 -0.43 -2.21	22.93 -0.35 -1.48	21.15 -0.28 -1.51	22.17 -0.29 -0.03	21.32 -0.24 -0.03
OSWEGO___6 23613	12.05 -0.12 -1.83	13.42 -0.15 -1.21	14.24 -0.15 -0.88	11.88 -0.12 -1.25	12.92 -0.13 -1.28	14.48 -0.14 -1.67	21.04 -0.22 -2.93	32.14 -0.38 -3.65	22.86 -0.25 -2.48	21.11 -0.22 -1.38	20.28 -0.31 -1.09	20.95 -0.34 -0.24	20.58 -0.29 -0.12	20.65 -0.31 -0.37	20.81 -0.33 -0.86	21.12 -0.32 -1.37	22.08 -0.31 -1.62	22.43 -0.31 -3.41	28.34 -0.42 -5.43	27.26 -0.43 -2.21	22.93 -0.35 -1.48	21.15 -0.28 -1.51	22.17 -0.29 -0.03	21.32 -0.24 -0.03
OUTOKUMPU-AB___DRP 24206	13.68 0.04 -3.30	14.61 0.07 -2.17	15.13 0.04 -1.58	13.03 0.03 -2.25	14.11 0.04 -2.30	15.96 0.00 -3.01	23.31 -0.27 -5.26	34.73 -0.69 -6.56	24.79 -0.31 -4.47	22.18 -0.26 -2.48	21.36 -0.10 -1.96	21.44 -0.04 -0.43	20.80 -0.17 -0.21	21.31 0.06 -0.66	21.80 -0.02 -1.54	22.49 -0.04 -2.47	23.67 -0.02 -2.92	25.29 -0.17 -6.14	32.55 -0.56 -9.78	29.16 -0.31 -3.99	24.36 -0.11 -2.67	22.60 -0.04 -2.72	22.30 -0.18 -0.05	21.64 0.06 -0.05
OXBOW___ 24026	13.58 -0.04 -3.29	14.51 -0.01 -2.16	15.02 -0.07 -1.57	12.94 -0.04 -2.24	13.99 -0.07 -2.29	15.84 -0.10 -3.00	23.17 -0.39 -5.23	34.47 -0.93 -6.53	24.58 -0.50 -4.45	22.01 -0.42 -2.47	21.18 -0.27 -1.95	21.25 -0.23 -0.43	20.73 -0.23 -0.21	21.04 -0.21 -0.66	21.61 -0.20 -1.54	22.31 -0.22 -2.46	23.48 -0.21 -2.91	25.09 -0.35 -6.11	32.28 -0.79 -9.75	28.92 -0.54 -3.97	24.18 -0.28 -2.66	22.33 -0.30 -2.71	22.08 -0.40 -0.05	21.45 -0.13 -0.05
OXY_CHEM_DSASP 323612	13.47 -0.14 -3.28	14.37 -0.15 -2.16	14.85 -0.23 -1.57	12.82 -0.16 -2.23	13.86 -0.19 -2.28	15.70 -0.23 -2.99	22.92 -0.60 -5.20	34.07 -1.30 -6.50	24.30 -0.76 -4.44	21.72 -0.70 -2.46	20.90 -0.55 -1.94	20.97 -0.51 -0.43	20.32 -0.64 -0.21	20.79 -0.45 -0.65	21.32 -0.49 -1.53	21.99 -0.52 -2.45	23.17 -0.50 -2.90	24.77 -0.64 -6.08	31.90 -1.14 -9.71	28.49 -0.94 -3.96	23.86 -0.59 -2.65	22.16 -0.46 -2.70	21.79 -0.70 -0.05	21.17 -0.41 -0.05
OZONE_PARK_ESR 323760	23.19 0.91 -11.94	21.27 1.05 -7.86	20.32 1.09 -5.72	19.76 0.88 -8.14	20.99 0.89 -8.32	24.86 1.02 -10.88	39.05 1.63 -19.09	56.20 2.69 -24.64	38.86 1.96 -16.28	31.24 1.88 -9.42	33.45 2.07 -11.88	33.14 2.23 -9.86	31.60 2.18 -8.67	33.45 2.16 -10.70	35.02 2.15 -12.59	34.54 2.09 -12.38	33.88 2.16 -10.95	54.06 2.03 -32.70	66.75 2.45 -40.97	43.21 2.65 -15.08	34.06 2.24 -10.02	32.33 1.99 -10.42	24.86 2.22 -0.21	23.74 2.02 -0.19
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.47 -0.14 -3.28	14.37 -0.15 -2.16	14.85 -0.23 -1.57	12.82 -0.16 -2.23	13.86 -0.19 -2.28	15.70 -0.23 -2.99	22.92 -0.60 -5.20	34.07 -1.30 -6.50	24.30 -0.76 -4.44	21.72 -0.70 -2.46	20.90 -0.55 -1.94	20.97 -0.51 -0.43	20.32 -0.64 -0.21	20.79 -0.45 -0.65	21.32 -0.49 -1.53	21.99 -0.52 -2.45	23.17 -0.50 -2.90	24.77 -0.64 -6.08	31.90 -1.14 -9.71	28.49 -0.94 -3.96	23.86 -0.59 -2.65	22.16 -0.46 -2.70	21.79 -0.70 -0.05	21.17 -0.41 -0.05

PACKARD__115KV_DUPONT_184 80571	13.47 -0.14 -3.28	14.37 -0.15 -2.16	14.85 -0.23 -1.57	12.82 -0.16 -2.23	13.86 -0.19 -2.28	15.70 -0.23 -2.99	22.92 -0.60 -5.20	34.07 -1.30 -6.50	24.30 -0.76 -4.44	21.72 -0.70 -2.46	20.90 -0.55 -1.94	20.97 -0.51 -0.43	20.32 -0.64 -0.21	20.79 -0.45 -0.65	21.32 -0.49 -1.53	21.99 -0.52 -2.45	23.17 -0.50 -2.90	24.77 -0.64 -6.08	31.90 -1.14 -9.71	28.49 -0.94 -3.96	23.86 -0.59 -2.65	22.16 -0.46 -2.70	21.79 -0.70 -0.05	21.17 -0.41 -0.05
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.15 0.87 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.72 0.84 -8.14	20.93 0.84 -8.32	24.74 0.91 -10.88	38.76 1.34 -19.09	55.68 2.17 -24.64	38.51 1.61 -16.28	30.90 1.54 -9.42	28.83 1.76 -7.57	24.71 1.89 -1.77	23.45 1.87 -0.83	24.97 1.83 -2.55	28.03 1.83 -5.93	31.35 1.79 -9.49	33.51 1.79 -10.95	43.68 1.66 -22.69	62.28 2.03 -36.92	42.75 2.19 -15.08	33.69 1.87 -10.02	32.03 1.69 -10.42	24.54 1.91 -0.21	23.61 1.89 -0.19
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.24 0.96 -11.94	21.35 1.12 -7.86	20.40 1.18 -5.72	19.83 0.95 -8.14	21.03 0.94 -8.32	24.84 1.01 -10.88	38.92 1.50 -19.09	55.82 2.31 -24.64	38.61 1.71 -16.28	31.00 1.64 -9.42	28.92 1.85 -7.57	24.81 2.00 -1.77	23.53 1.95 -0.83	25.16 2.02 -2.55	28.13 1.93 -5.93	31.43 1.87 -9.49	33.61 1.89 -10.95	43.76 1.74 -22.69	62.40 2.15 -36.92	42.88 2.32 -15.08	33.78 1.96 -10.02	32.13 1.79 -10.42	24.77 2.13 -0.21	23.83 2.11 -0.19
PATROON__115KV_TB1 80586	25.20 0.31 -14.55	22.31 0.37 -9.58	20.90 0.42 -6.97	20.98 0.31 -9.92	22.27 0.35 -10.14	26.59 0.38 -13.27	42.17 0.57 -23.27	57.86 0.95 -28.04	40.95 0.72 -19.61	31.15 0.68 -10.52	28.40 0.72 -8.18	23.54 0.76 -1.74	22.43 0.79 -0.89	24.10 0.74 -2.77	27.47 0.73 -6.46	31.11 0.74 -10.30	34.04 0.77 -12.50	46.71 0.77 -26.60	65.83 0.93 -41.57	43.41 0.99 -16.93	34.08 0.85 -11.44	32.05 0.68 -11.45	23.40 0.74 -0.24	22.43 0.67 -0.24
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.65 -0.14 -3.46	14.49 -0.15 -2.27	14.98 -0.19 -1.65	12.95 -0.15 -2.35	14.01 -0.16 -2.41	15.89 -0.21 -3.15	23.37 -0.48 -5.52	34.82 -0.92 -6.87	24.81 -0.50 -4.68	22.11 -0.44 -2.60	21.28 -0.27 -2.05	21.27 -0.23 -0.45	20.64 -0.33 -0.22	21.11 -0.16 -0.69	21.67 -0.22 -1.61	22.43 -0.22 -2.58	23.64 -0.19 -3.06	25.49 -0.27 -6.43	32.94 -0.63 -10.24	29.22 -0.43 -4.18	24.33 -0.26 -2.80	22.55 -0.22 -2.85	22.51 0.02 -0.06	21.88 0.30 -0.06
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.12 0.78 -12.01	21.17 0.90 -7.91	20.21 0.95 -5.75	19.70 0.77 -8.18	20.92 0.78 -8.37	24.78 0.88 -10.95	38.94 1.41 -19.21	55.76 2.25 -24.64	38.63 1.65 -16.35	30.87 1.52 -9.40	28.73 1.72 -7.51	24.61 1.85 -1.71	23.33 1.78 -0.80	24.87 1.77 -2.51	27.94 1.78 -5.88	31.25 1.75 -9.44	33.45 1.74 -10.93	43.70 1.66 -22.71	62.29 2.10 -36.86	42.77 2.24 -15.05	33.69 1.87 -10.02	31.97 1.67 -10.38	24.40 1.77 -0.19	23.33 1.61 -0.19
PEEKSKILL____ 23653	22.78 0.71 -11.73	20.93 0.84 -7.73	20.00 0.88 -5.62	19.45 0.71 -8.00	20.69 0.74 -8.18	24.48 0.83 -10.70	38.39 1.30 -18.76	55.15 2.08 -24.20	38.10 1.49 -15.99	30.63 1.44 -9.25	28.53 1.62 -7.41	24.51 1.77 -1.70	23.22 1.68 -0.78	24.77 1.71 -2.47	27.75 1.68 -5.79	31.00 1.62 -9.30	33.19 1.68 -10.74	43.13 1.55 -22.25	61.43 1.87 -36.23	42.31 2.04 -14.79	33.36 1.72 -9.84	31.71 1.57 -10.22	24.32 1.70 -0.19	23.27 1.55 -0.19
PGE MADISON__WINDPWR 24146	16.45 0.75 -5.36	16.80 0.91 -3.53	17.09 1.01 -2.56	15.20 0.81 -3.65	16.45 0.94 -3.73	18.92 1.09 -4.88	28.64 1.74 -8.57	42.47 2.95 -10.65	29.86 1.98 -7.26	25.80 1.82 -4.03	24.28 1.60 -3.18	23.48 1.73 -0.70	22.75 1.66 -0.34	23.26 1.61 -1.07	24.32 1.54 -2.50	25.72 1.65 -4.00	27.30 1.79 -4.74	31.17 1.87 -9.97	41.57 2.36 -15.88	34.48 2.52 -6.48	28.12 1.98 -4.34	26.01 1.67 -4.42	24.31 1.79 -0.09	23.34 1.72 -0.09
PIERCEFIELD____HYD 23852	6.35 -0.45 3.53	4.85 -0.54 6.97	4.08 -0.58 8.85	3.76 -0.46 6.52	4.37 -0.51 6.89	3.90 -0.61 8.44	7.20 -1.10 10.03	15.20 -1.82 11.85	9.60 -1.44 9.58	8.95 -1.40 9.61	7.32 -1.42 10.76	12.40 -1.54 7.11	19.24 -1.54 -0.03	19.12 -1.54 -0.08	18.93 -1.54 -0.19	18.89 -1.49 -0.30	14.65 -1.56 4.56	12.86 -1.31 5.15	23.18 -1.35 -1.20	24.36 -1.61 -0.49	12.20 -1.48 8.11	10.96 -1.27 7.68	12.65 -1.12 8.65	12.22 -0.99 8.31
PINELAWN_CC_1 323563	24.58 1.05 -13.18	22.04 1.25 -8.44	20.83 1.30 -6.02	21.69 1.04 -9.90	22.32 1.12 -9.43	26.77 1.26 -12.56	39.16 1.74 -19.09	56.37 2.86 -24.64	39.04 2.14 -16.27	31.34 1.98 -9.42	29.26 2.20 -7.55	27.13 2.48 -3.60	26.73 2.28 -3.69	27.55 2.43 -4.53	28.56 2.35 -5.93	31.67 2.13 -9.48	34.14 2.31 -11.06	44.87 2.13 -23.41	62.94 2.54 -37.07	44.57 2.78 -16.31	34.97 2.42 -10.76	32.80 2.27 -10.61	29.30 2.35 -4.51	25.99 2.26 -2.20
PJM_GEN_HTP_PROXY 323702	23.11 0.84 -11.94	21.20 0.98 -7.86	20.24 1.01 -5.72	19.70 0.82 -8.14	20.94 0.85 -8.32	24.78 0.94 -10.88	38.94 1.52 -19.09	56.00 2.48 -24.64	38.69 1.79 -16.28	31.10 1.73 -9.42	33.22 1.91 -11.80	32.85 2.08 -9.72	31.30 2.01 -8.54	33.16 2.02 -10.56	34.74 1.99 -12.47	34.32 1.93 -12.33	33.71 1.99 -10.95	53.71 1.86 -32.52	66.47 2.24 -40.90	42.98 2.42 -15.08	33.86 2.05 -10.02	32.19 1.85 -10.42	24.68 2.04 -0.21	23.57 1.85 -0.19
PJM_GEN_KEystone 24065	18.37 0.33 -7.70	17.83 0.40 -5.07	17.60 0.40 -3.69	16.33 0.33 -5.25	17.48 0.34 -5.37	20.34 0.38 -7.02	31.19 0.55 -12.31	45.40 0.78 -15.75	31.68 0.58 -10.48	26.55 0.60 -6.01	25.32 0.72 -5.10	23.53 0.82 -1.66	22.60 0.79 -1.06	23.57 0.80 -2.18	25.29 0.79 -4.22	27.06 0.76 -6.23	28.58 0.81 -6.99	35.27 0.69 -15.24	47.87 0.70 -23.84	35.96 0.87 -9.62	29.01 0.81 -6.41	27.26 0.72 -6.63	23.38 0.83 -0.13	22.51 0.86 -0.12
PJM_GEN_NEPTUNE_PROXY 323594	23.81 0.87 -12.61	21.79 1.05 -8.38	20.47 1.08 -5.88	20.71 0.88 -9.08	22.13 0.93 -9.43	26.56 1.05 -12.56	38.96 1.54 -19.09	55.96 2.45 -24.64	38.67 1.77 -16.27	31.06 1.69 -9.41	28.98 1.93 -7.54	25.93 2.15 -2.73	25.11 2.01 -2.35	26.26 2.08 -3.60	28.25 2.07 -5.90	31.43 1.89 -9.47	33.72 2.01 -10.93	43.85 1.87 -22.65	62.46 2.24 -36.89	42.98 2.45 -15.06	33.91 2.09 -10.02	32.25 1.93 -10.40	26.86 2.06 -2.37	24.69 1.89 -1.27
PJM_GEN_VFT_PROXY 323633	23.06 0.79 -11.94	21.14 0.91 -7.86	20.17 0.95 -5.72	19.65 0.76 -8.14	20.87 0.78 -8.32	24.72 0.88 -10.88	38.85 1.43 -19.09	55.82 2.31 -24.64	38.57 1.67 -16.28	31.02 1.66 -9.42	33.19 1.81 -11.88	32.89 1.98 -9.86	31.36 1.93 -8.67	33.20 1.91 -10.70	34.73 1.86 -12.59	34.26 1.81 -12.38	33.61 1.89 -10.95	53.77 1.74 -32.70	66.40 2.10 -40.97	42.85 2.29 -15.08	33.76 1.94 -10.02	32.11 1.77 -10.42	24.59 1.95 -0.21	23.46 1.74 -0.19
PLATSBRG_115KV_PMLD1 355749	4.86 -0.40 5.07	2.50 -0.54 9.32	1.12 -0.74 11.65	1.41 -0.58 8.76	1.88 -0.65 9.24	0.81 -0.79 11.35	-0.12 -1.32 17.12	-6.87 -1.88 33.87	-6.95 -1.42 26.15	-6.83 -1.34 25.45	-0.15 -1.33 18.32	10.49 -1.33 9.23	19.34 -1.41 0.00	19.06 -1.52 0.00	18.96 -1.32 0.00	18.81 -1.26 0.00	13.13 -1.31 6.34	10.60 -1.12 7.60	22.54 -0.79 0.00	24.41 -1.07 0.00	10.02 -0.83 10.95	8.70 -0.82 10.40	10.18 -1.01 11.24	9.69 -1.03 10.80

PLEASANTVLY___LBMP 24000	23.37 0.62 -12.41	21.27 0.74 -8.17	20.24 0.78 -5.94	19.84 0.63 -8.46	21.08 0.66 -8.65	25.00 0.74 -11.31	39.29 1.12 -19.85	56.38 1.82 -25.69	38.85 1.30 -16.93	31.01 1.24 -9.82	28.79 1.40 -7.88	24.38 1.52 -1.81	23.08 1.49 -0.83	24.68 1.46 -2.63	27.90 1.46 -6.16	31.39 1.42 -9.89	33.64 1.47 -11.39	44.26 1.35 -23.58	63.44 1.63 -38.48	42.97 1.78 -15.71	33.74 1.50 -10.44	32.13 1.35 -10.86	24.11 1.48 -0.20	23.08 1.36 -0.20
PLSNTVLE_13_KV_13.8KVDIST 80602	23.07 0.73 -12.00	21.13 0.87 -7.90	20.15 0.89 -5.74	19.64 0.72 -8.18	20.89 0.75 -8.36	24.74 0.85 -10.94	38.86 1.34 -19.19	55.80 2.17 -24.76	38.55 1.57 -16.36	30.91 1.50 -9.46	28.76 1.68 -7.58	24.62 1.83 -1.74	23.34 1.78 -0.80	24.87 1.75 -2.53	27.93 1.72 -5.93	31.28 1.69 -9.52	33.50 1.74 -10.99	43.72 1.62 -22.77	62.37 1.96 -37.08	42.76 2.14 -15.14	33.68 1.81 -10.07	31.99 1.61 -10.46	24.37 1.75 -0.19	23.31 1.59 -0.19
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.07 0.73 -12.00	21.13 0.87 -7.90	20.15 0.89 -5.74	19.64 0.72 -8.18	20.89 0.75 -8.36	24.74 0.85 -10.94	38.86 1.34 -19.19	55.80 2.17 -24.76	38.55 1.57 -16.36	30.91 1.50 -9.46	28.76 1.68 -7.58	24.62 1.83 -1.74	23.34 1.78 -0.80	24.87 1.75 -2.53	27.93 1.72 -5.93	31.28 1.69 -9.52	33.50 1.74 -10.99	43.72 1.62 -22.77	62.37 1.96 -37.08	42.76 2.14 -15.14	33.68 1.81 -10.07	31.99 1.61 -10.46	24.37 1.75 -0.19	23.31 1.59 -0.19
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.12 0.66 -12.12	21.12 0.78 -7.98	20.14 0.82 -5.80	19.67 0.67 -8.26	20.91 0.69 -8.45	24.78 0.78 -11.05	38.92 1.21 -19.39	54.57 1.93 -23.76	38.37 1.36 -16.38	30.13 1.22 -8.96	27.97 1.44 -7.02	24.13 1.56 -1.52	23.02 1.51 -0.76	24.46 1.50 -2.37	27.31 1.50 -5.53	30.39 1.49 -8.83	32.87 1.52 -10.58	43.11 1.41 -22.37	60.40 1.75 -35.32	41.79 1.91 -14.40	33.07 1.59 -9.69	31.10 1.39 -9.79	24.17 1.55 -0.20	23.12 1.40 -0.20
POLETTI____ 23519	23.11 0.84 -11.94	21.20 0.98 -7.86	20.24 1.01 -5.72	19.70 0.82 -8.14	20.93 0.84 -8.32	24.78 0.95 -10.88	38.92 1.50 -19.09	56.00 2.48 -24.64	38.69 1.79 -16.28	31.10 1.74 -9.42	33.29 1.91 -11.88	32.99 2.08 -9.86	31.46 2.03 -8.67	33.30 2.02 -10.70	34.86 1.99 -12.59	34.38 1.93 -12.38	33.71 1.99 -10.95	53.88 1.86 -32.70	66.54 2.24 -40.97	42.98 2.42 -15.08	33.86 2.05 -10.02	32.19 1.85 -10.42	24.68 2.04 -0.21	23.59 1.87 -0.19
POMONA___ESR 323819	21.98 0.70 -10.94	20.38 0.82 -7.20	19.61 0.87 -5.24	18.89 0.69 -7.45	20.12 0.73 -7.62	23.74 0.82 -9.97	37.10 1.28 -17.49	53.37 2.02 -22.48	36.88 1.36 -14.90	29.89 1.36 -8.58	27.91 1.54 -6.86	24.28 1.66 -1.57	23.10 1.62 -0.73	24.51 1.63 -2.29	27.25 1.60 -5.37	30.26 1.57 -8.62	32.35 1.60 -9.97	41.44 1.41 -20.70	58.69 1.73 -33.64	41.07 1.86 -13.73	32.57 1.64 -9.14	30.91 1.51 -9.47	24.27 1.66 -0.18	23.21 1.51 -0.18
PORT_JEFF_3 23555	24.60 1.07 -13.18	22.08 1.29 -8.44	20.93 1.36 -6.06	21.78 1.10 -9.94	22.34 1.14 -9.43	26.78 1.27 -12.56	39.07 1.65 -19.09	56.22 2.71 -24.64	39.02 2.12 -16.27	31.42 2.01 -9.46	29.50 2.34 -7.66	27.34 2.65 -3.64	26.83 2.34 -3.73	27.73 2.57 -4.57	29.16 2.49 -6.39	31.89 2.23 -9.60	36.16 2.31 -13.08	56.47 2.11 -35.03	65.64 2.50 -39.81	63.45 2.75 -35.22	46.12 2.38 -21.95	36.00 2.25 -13.83	33.26 2.38 -8.45	26.05 2.33 -2.20
PORT_JEFF_4 23616	24.60 1.07 -13.18	22.08 1.29 -8.44	20.93 1.36 -6.06	21.78 1.10 -9.94	22.34 1.14 -9.43	26.78 1.27 -12.56	39.07 1.65 -19.09	56.22 2.71 -24.64	39.02 2.12 -16.27	31.42 2.01 -9.46	29.50 2.34 -7.66	27.34 2.65 -3.64	26.83 2.34 -3.73	27.73 2.57 -4.57	29.16 2.49 -6.39	31.89 2.23 -9.60	36.16 2.31 -13.08	56.47 2.11 -35.03	65.64 2.50 -39.81	63.45 2.75 -35.22	46.12 2.38 -21.95	36.00 2.25 -13.83	33.26 2.38 -8.45	26.05 2.33 -2.20
PORT_JEFF_IC 23713	24.62 1.10 -13.18	22.11 1.31 -8.44	20.96 1.39 -6.06	21.81 1.12 -9.94	22.36 1.15 -9.43	26.81 1.29 -12.56	39.12 1.70 -19.09	56.34 2.83 -24.64	39.10 2.21 -16.27	31.48 2.07 -9.46	29.57 2.40 -7.66	27.40 2.72 -3.64	26.87 2.39 -3.74	27.80 2.64 -4.57	29.25 2.56 -6.41	31.98 2.31 -9.60	36.38 2.41 -13.20	57.27 2.22 -35.72	65.94 2.64 -39.98	64.70 2.88 -36.34	46.89 2.48 -22.61	36.29 2.35 -14.02	33.56 2.45 -8.69	26.10 2.37 -2.20
PPL PILGRIM_ST_GT1 24216	24.67 1.15 -13.18	22.16 1.36 -8.44	20.86 1.32 -6.02	21.74 1.10 -9.90	22.41 1.21 -9.43	26.87 1.36 -12.56	39.27 1.85 -19.09	56.54 3.03 -24.64	39.21 2.31 -16.27	31.48 2.11 -9.42	29.18 2.13 -7.55	27.15 2.50 -3.60	26.85 2.41 -3.70	27.55 2.43 -4.53	28.48 2.25 -5.95	31.54 1.99 -9.49	34.11 2.16 -11.18	45.35 1.93 -24.09	62.85 2.29 -37.23	45.41 2.52 -17.41	35.40 2.20 -11.41	32.85 2.13 -10.80	29.37 2.20 -4.74	26.10 2.37 -2.20
PPL PILGRIM_ST_GT2 24217	24.67 1.15 -13.18	22.16 1.36 -8.44	20.86 1.32 -6.02	21.74 1.10 -9.90	22.41 1.21 -9.43	26.87 1.36 -12.56	39.27 1.85 -19.09	56.54 3.03 -24.64	39.21 2.31 -16.27	31.48 2.11 -9.42	29.18 2.13 -7.55	27.15 2.50 -3.60	26.85 2.41 -3.70	27.55 2.43 -4.53	28.48 2.25 -5.95	31.54 1.99 -9.49	34.11 2.16 -11.18	45.35 1.93 -24.09	62.85 2.29 -37.23	45.41 2.52 -17.41	35.40 2.20 -11.41	32.85 2.13 -10.80	29.37 2.20 -4.74	26.10 2.37 -2.20
PPL_SHRM_GT3 24213	24.68 1.16 -13.18	22.17 1.37 -8.44	21.06 1.49 -6.06	21.87 1.18 -9.94	22.41 1.21 -9.43	26.87 1.36 -12.56	39.25 1.83 -19.09	56.60 3.09 -24.64	39.27 2.37 -16.27	31.56 2.16 -9.46	29.66 2.50 -7.66	27.51 2.82 -3.64	26.95 2.47 -3.73	27.92 2.76 -4.57	29.34 2.68 -6.38	32.09 2.43 -9.59	36.46 2.62 -13.07	56.70 2.42 -34.95	65.99 2.87 -39.80	63.73 3.16 -35.09	46.39 2.72 -21.87	36.28 2.55 -13.81	33.46 2.60 -8.43	26.23 2.50 -2.20
PPL_SHRM_GT4 24214	24.68 1.16 -13.18	22.17 1.37 -8.44	21.06 1.49 -6.06	21.87 1.18 -9.94	22.41 1.21 -9.43	26.87 1.36 -12.56	39.25 1.83 -19.09	56.60 3.09 -24.64	39.27 2.37 -16.27	31.56 2.16 -9.46	29.66 2.50 -7.66	27.51 2.82 -3.64	26.95 2.47 -3.73	27.92 2.76 -4.57	29.34 2.68 -6.38	32.09 2.43 -9.59	36.46 2.62 -13.07	56.70 2.42 -34.95	65.99 2.87 -39.80	63.73 3.16 -35.09	46.39 2.72 -21.87	36.28 2.55 -13.81	33.46 2.60 -8.43	26.23 2.50 -2.20
PROJECT___ORANGE 1 24174	12.99 0.11 -2.54	14.17 0.14 -1.67	14.89 0.16 -1.21	12.60 0.13 -1.73	13.69 0.15 -1.77	15.42 0.16 -2.31	22.64 0.26 -4.05	34.29 0.38 -5.04	24.35 0.29 -3.43	22.14 0.28 -1.91	21.24 0.23 -1.50	21.63 0.25 -0.33	21.16 0.25 -0.16	21.38 0.29 -0.51	21.70 0.24 -1.18	22.20 0.24 -1.89	23.28 0.27 -2.24	24.27 0.23 -4.71	31.04 0.21 -7.50	28.79 0.25 -3.06	24.09 0.24 -2.05	22.25 0.24 -2.09	22.74 0.27 -0.04	21.87 0.30 -0.04
PROJECT___ORANGE 2 24166	12.99 0.11 -2.54	14.17 0.14 -1.67	14.89 0.16 -1.21	12.60 0.13 -1.73	13.69 0.15 -1.77	15.42 0.16 -2.31	22.64 0.26 -4.05	34.29 0.38 -5.04	24.35 0.29 -3.43	22.14 0.28 -1.91	21.24 0.23 -1.50	21.63 0.25 -0.33	21.16 0.25 -0.16	21.38 0.29 -0.51	21.70 0.24 -1.18	22.20 0.24 -1.89	23.28 0.27 -2.24	24.27 0.23 -4.71	31.04 0.21 -7.50	28.79 0.25 -3.06	24.09 0.24 -2.05	22.25 0.24 -2.09	22.74 0.27 -0.04	21.87 0.30 -0.04

PUCKETT___SOLAR 323809	16.27	16.51	16.73	14.96	16.13	18.54	28.04	41.24	29.06	25.02	23.63	22.65	21.97	22.55	23.68	25.07	26.65	30.55	40.80	33.41	27.35	25.38	23.55	22.65
	0.42	0.52	0.58	0.46	0.52	0.57	0.90	1.41	0.97	0.92	0.86	0.88	0.87	0.86	0.83	0.88	1.00	0.97	1.14	1.27	1.09	0.92	1.03	1.03
	-5.51	-3.63	-2.64	-3.76	-3.84	-5.02	-8.81	-10.96	-7.46	-4.15	-3.27	-0.72	-0.35	-1.10	-2.57	-4.12	-4.88	-10.25	-16.33	-6.66	-4.46	-4.55	-0.09	-0.09
PYRITES___HYD 24023	6.54	5.08	4.33	3.95	4.60	4.18	7.64	15.93	10.06	9.32	7.67	12.78	19.59	19.50	19.27	19.23	15.05	13.31	23.78	25.00	12.66	11.34	13.10	12.63
	-0.26	-0.31	-0.32	-0.27	-0.28	-0.32	-0.66	-1.10	-0.99	-1.02	-1.07	-1.16	-1.18	-1.17	-1.20	-1.14	-1.16	-0.87	-0.75	-0.97	-1.02	-0.90	-0.67	-0.58
	3.53	6.97	8.85	6.52	6.89	8.44	10.03	11.85	9.58	9.61	10.76	7.11	-0.03	-0.08	-0.19	-0.30	4.56	5.15	-1.20	-0.49	8.11	7.68	8.65	8.31
QUAKERRD_115KV_BK1 80622	13.13	14.16	14.75	12.61	13.68	15.47	22.74	34.25	24.36	21.91	21.05	21.26	20.73	21.04	21.45	22.03	23.17	24.49	31.50	28.70	23.94	22.11	22.09	21.29
	-0.10	-0.11	-0.15	-0.11	-0.11	-0.12	-0.22	-0.38	-0.19	-0.22	-0.18	-0.17	-0.21	-0.12	-0.18	-0.20	-0.17	-0.23	-0.42	-0.28	-0.20	-0.20	-0.38	-0.28
	-2.89	-1.91	-1.39	-1.97	-2.02	-2.64	-4.63	-5.76	-3.92	-2.18	-1.72	-0.38	-0.18	-0.58	-1.35	-2.17	-2.57	-5.39	-8.59	-3.50	-2.34	-2.39	-0.05	-0.05
QUEENSBRY_115KV_TB8 356137	25.83	22.93	21.62	21.63	23.10	27.62	43.82	60.41	42.67	32.61	29.70	24.68	23.47	25.16	28.65	32.44	35.25	48.12	67.80	44.93	35.32	33.11	24.17	23.08
	0.66	0.80	1.01	0.77	1.00	1.15	1.78	2.92	2.06	1.92	1.83	1.85	1.81	1.75	1.76	1.85	1.72	1.66	2.03	2.17	1.85	1.49	1.50	1.31
	-14.83	-9.76	-7.10	-10.11	-10.33	-13.52	-23.71	-28.62	-19.98	-10.75	-8.36	-1.78	-0.91	-2.83	-6.60	-10.53	-12.76	-27.13	-42.44	-17.29	-11.67	-11.70	-0.24	-0.24
RAMAPO___LBMP 323565	21.97	20.37	19.58	18.88	20.10	23.73	37.08	53.34	36.90	29.87	27.89	24.24	23.08	24.45	27.22	30.24	32.33	41.49	58.75	41.08	32.57	30.87	24.22	23.17
	0.67	0.79	0.82	0.67	0.69	0.79	1.23	1.93	1.34	1.32	1.50	1.62	1.60	1.56	1.56	1.53	1.56	1.41	1.70	1.83	1.61	1.45	1.61	1.46
	-10.96	-7.22	-5.25	-7.47	-7.64	-9.99	-17.53	-22.53	-14.93	-8.60	-6.88	-1.57	-0.73	-2.30	-5.38	-8.64	-10.00	-20.75	-33.72	-13.76	-9.16	-9.50	-0.18	-0.18
RANKINE____ 23646	13.78	14.66	15.16	13.09	14.16	16.05	23.55	35.09	25.03	22.34	21.49	21.52	20.89	21.35	21.92	22.64	23.86	25.63	33.07	29.46	24.56	22.76	22.51	21.84
	0.02	0.05	0.01	0.01	0.01	-0.01	-0.24	-0.58	-0.23	-0.18	-0.04	0.02	-0.08	0.08	0.04	0.02	0.06	-0.06	-0.40	-0.15	0.00	0.02	0.02	0.26
	-3.42	-2.25	-1.64	-2.33	-2.38	-3.12	-5.46	-6.80	-4.63	-2.57	-2.03	-0.45	-0.22	-0.68	-1.60	-2.55	-3.03	-6.36	-10.13	-4.13	-2.77	-2.82	-0.06	-0.06
RAVENSWOOD_GT2_1 24244	23.10	21.19	20.23	19.69	20.91	24.77	38.91	55.94	38.65	31.06	33.34	33.10	31.58	33.41	34.95	34.40	33.67	54.03	66.55	42.93	33.82	32.15	24.63	23.55
	0.83	0.96	1.00	0.81	0.82	0.93	1.48	2.43	1.75	1.70	1.87	2.02	1.99	1.96	1.95	1.89	1.95	1.80	2.17	2.37	2.01	1.81	2.00	1.83
	-11.94	-7.86	-5.72	-8.14	-8.32	-10.88	-19.09	-24.64	-16.28	-9.42	-11.97	-10.03	-8.83	-10.87	-12.73	-12.44	-10.95	-32.90	-41.06	-15.08	-10.02	-10.42	-0.21	-0.19
RAVENSWOOD_GT2_2 24245	23.10	21.19	20.23	19.69	20.91	24.77	38.91	55.94	38.65	31.06	33.34	33.10	31.58	33.41	34.95	34.40	33.67	54.03	66.55	42.93	33.82	32.15	24.63	23.55
	0.83	0.96	1.00	0.81	0.82	0.93	1.48	2.43	1.75	1.70	1.87	2.02	1.99	1.96	1.95	1.89	1.95	1.80	2.17	2.37	2.01	1.81	2.00	1.83
	-11.94	-7.86	-5.72	-8.14	-8.32	-10.88	-19.09	-24.64	-16.28	-9.42	-11.97	-10.03	-8.83	-10.87	-12.73	-12.44	-10.95	-32.90	-41.06	-15.08	-10.02	-10.42	-0.21	-0.19
RAVENSWOOD_GT2_3 24246	23.10	21.19	20.23	19.69	20.91	24.77	38.91	55.94	38.65	31.06	33.21	32.84	31.33	33.15	34.74	34.31	33.67	53.73	66.45	42.93	33.84	32.15	24.63	23.55
	0.83	0.96	1.00	0.81	0.82	0.93	1.48	2.43	1.75	1.70	1.87	2.02	1.99	1.96	1.95	1.89	1.95	1.82	2.19	2.37	2.03	1.81	2.00	1.83
	-11.94	-7.86	-5.72	-8.14	-8.32	-10.88	-19.09	-24.64	-16.28	-9.42	-11.83	-9.77	-8.59	-10.61	-12.52	-12.36	-10.95	-32.58	-40.93	-15.08	-10.02	-10.42	-0.21	-0.19
RAVENSWOOD_GT2_4 24247	23.10	21.19	20.23	19.69	20.91	24.77	38.91	55.94	38.65	31.06	33.21	32.84	31.33	33.15	34.74	34.31	33.67	53.73	66.45	42.93	33.84	32.15	24.63	23.55
	0.83	0.96	1.00	0.81	0.82	0.93	1.48	2.43	1.75	1.70	1.87	2.02	1.99	1.96	1.95	1.89	1.95	1.82	2.19	2.37	2.03	1.81	2.00	1.83
	-11.94	-7.86	-5.72	-8.14	-8.32	-10.88	-19.09	-24.64	-16.28	-9.42	-11.83	-9.77	-8.59	-10.61	-12.52	-12.36	-10.95	-32.58	-40.93	-15.08	-10.02	-10.42	-0.21	-0.19
RAVENSWOOD_GT3_1 24248	23.10	21.19	20.23	19.69	20.91	24.77	38.89	55.94	38.65	31.06	33.37	33.15	31.61	33.47	35.00	34.40	33.67	54.10	66.58	42.93	33.82	32.15	24.63	23.55
	0.83	0.96	1.00	0.81	0.82	0.93	1.47	2.43	1.75	1.70	1.87	2.02	1.97	1.96	1.95	1.87	1.95	1.80	2.17	2.37	2.01	1.81	2.00	1.83
	-11.94	-7.86	-5.72	-8.14	-8.32	-10.88	-19.09	-24.64	-16.28	-9.42	-12.00	-10.09	-8.89	-10.93	-12.78	-12.46	-10.95	-32.98	-41.08	-15.08	-10.02	-10.42	-0.21	-0.19
RAVENSWOOD_GT3_2 24249	23.10	21.19	20.23	19.69	20.91	24.77	38.89	55.94	38.65	31.06	33.37	33.15	31.61	33.47	35.00	34.40	33.67	54.10	66.58	42.93	33.82	32.15	24.63	23.55
	0.83	0.96	1.00	0.81	0.82	0.93	1.47	2.43	1.75	1.70	1.87	2.02	1.97	1.96	1.95	1.87	1.95	1.80	2.17	2.37	2.01	1.81	2.00	1.83
	-11.94	-7.86	-5.72	-8.14	-8.32	-10.88	-19.09	-24.64	-16.28	-9.42	-12.00	-10.09	-8.89	-10.93	-12.78	-12.46	-10.95	-32.98	-41.08	-15.08	-10.02	-10.42	-0.21	-0.19
RAVENSWOOD_GT3_3 24250	23.11	21.20	20.24	19.70	20.93	24.78	38.92	55.97	38.67	31.08	33.36	33.13	31.59	33.44	34.97	34.41	33.71	54.06	66.60	42.98	33.86	32.17	24.68	23.59
	0.84	0.98	1.01	0.82	0.84	0.95	1.50	2.45	1.77	1.72	1.89	2.06	2.01	2.00	1.97	1.91	1.99	1.84	2.22	2.42	2.05	1.83	2.04	1.87
	-11.94	-7.86	-5.72	-8.14	-8.32	-10.88	-19.09	-24.64	-16.28	-9.42	-11.96	-10.02	-8.83	-10.86	-12.72	-12.44	-10.95	-32.89	-41.05	-15.08	-10.02	-10.42	-0.21	-0.19
RAVENSWOOD_GT3_4 24251	23.11	21.20	20.24	19.70	20.93	24.78	38.92	55.97	38.67	31.08	33.36	33.13	31.59	33.44	34.97	34.41	33.71	54.06	66.60	42.98	33.86	32.17	24.68	23.59
	0.84	0.98	1.01	0.82	0.84	0.95	1.50	2.45	1.77	1.72	1.89	2.06	2.01	2.00	1.97	1.91	1.99	1.84	2.22	2.42	2.05	1.83	2.04	1.87
	-11.94	-7.86	-5.72	-8.14	-8.32	-10.88	-19.09	-24.64	-16.28	-9.42	-11.96	-10.02	-8.83	-10.86	-12.72	-12.44	-10.95	-32.89	-41.05	-15.08	-10.02	-10.42	-0.21	-0.19
RAVENSWOOD_GT_1 23729	23.15	21.24	20.27	19.72	20.93	24.77	38.83	55.82	38.61	31.00	33.35	33.15	31.61	33.44	35.00	34.41	33.63	54.05	66.56	42.88	33.80	32.15	24.68	23.63
	0.87	1.01	1.04	0.84	0.84	0.93	1.41	2.31	1.71	1.64	1.85	2.02	1.97	1.94	1.95	1.89	1.91	1.76	2.15	2.32	1.98	1.81	2.04	1.92
	-11.94	-7.86	-5.72	-8.14	-8.32	-10.88	-19.09	-24.64	-16.28	-9.42	-11.99	-10.08	-8.88	-10.92	-12.77	-12.46	-10.95	-32.96	-41.08	-15.08	-10.02	-10.42	-0.21	-0.19

RAVENSWOOD_GT_10 24258	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.91 0.82 -8.32	24.77 0.93 -10.88	38.91 1.48 -19.09	55.94 2.43 -24.64	38.65 1.75 -16.28	31.06 1.70 -9.42	33.34 1.87 -11.97	33.10 2.02 -10.03	31.58 1.99 -8.83	33.41 1.96 -10.87	34.95 1.95 -12.73	34.38 1.87 -12.44	33.67 1.95 -10.95	54.03 1.80 -32.90	66.55 2.17 -41.06	42.93 2.37 -15.08	33.82 2.01 -10.02	32.15 1.81 -10.42	24.63 2.00 -0.21	23.55 1.83 -0.19
RAVENSWOOD_GT_11 24259	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.91 0.82 -8.32	24.77 0.93 -10.88	38.91 1.48 -19.09	55.94 2.43 -24.64	38.65 1.75 -16.28	31.06 1.70 -9.42	33.34 1.87 -11.97	33.10 2.02 -10.03	31.58 1.99 -8.84	33.41 1.96 -10.87	34.96 1.95 -12.73	34.38 1.87 -12.44	33.67 1.95 -10.95	54.03 1.80 -32.90	66.56 2.17 -41.06	42.93 2.37 -15.08	33.82 2.01 -10.02	32.15 1.81 -10.42	24.63 2.00 -0.21	23.55 1.83 -0.19
RAVENSWOOD_GT_4 24252	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.68 0.80 -8.14	20.91 0.82 -8.32	24.77 0.93 -10.88	38.91 1.48 -19.09	55.94 2.43 -24.64	38.65 1.75 -16.28	31.06 1.70 -9.42	33.34 1.87 -11.97	33.10 2.02 -10.03	31.58 1.99 -8.83	33.41 1.96 -10.87	34.95 1.95 -12.73	34.40 1.89 -12.44	33.67 1.95 -10.95	54.05 1.82 -32.90	66.58 2.19 -41.06	42.93 2.37 -15.08	33.84 2.03 -10.02	32.15 1.81 -10.42	24.63 2.00 -0.21	23.55 1.83 -0.19
RAVENSWOOD_GT_5 24254	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.68 0.80 -8.14	20.91 0.82 -8.32	24.77 0.93 -10.88	38.91 1.48 -19.09	55.94 2.43 -24.64	38.65 1.75 -16.28	31.06 1.70 -9.42	33.34 1.87 -11.97	33.10 2.02 -10.03	31.58 1.99 -8.83	33.41 1.96 -10.87	34.95 1.95 -12.73	34.40 1.89 -12.44	33.67 1.95 -10.95	54.05 1.82 -32.90	66.58 2.19 -41.06	42.93 2.37 -15.08	33.84 2.03 -10.02	32.15 1.81 -10.42	24.63 2.00 -0.21	23.55 1.83 -0.19
RAVENSWOOD_GT_6 24253	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.68 0.80 -8.14	20.91 0.82 -8.32	24.77 0.93 -10.88	38.91 1.48 -19.09	55.94 2.43 -24.64	38.65 1.75 -16.28	31.06 1.70 -9.42	33.34 1.87 -11.97	33.10 2.02 -10.03	31.58 1.99 -8.83	33.41 1.96 -10.87	34.95 1.95 -12.73	34.40 1.89 -12.44	33.67 1.95 -10.95	54.05 1.82 -32.90	66.58 2.19 -41.06	42.93 2.37 -15.08	33.84 2.03 -10.02	32.15 1.81 -10.42	24.63 2.00 -0.21	23.55 1.83 -0.19
RAVENSWOOD_GT_7 24255	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.68 0.80 -8.14	20.91 0.82 -8.32	24.77 0.93 -10.88	38.91 1.48 -19.09	55.94 2.43 -24.64	38.65 1.75 -16.28	31.06 1.70 -9.42	33.34 1.87 -11.97	33.10 2.02 -10.03	31.58 1.99 -8.83	33.41 1.96 -10.87	34.95 1.95 -12.73	34.40 1.89 -12.44	33.67 1.95 -10.95	54.05 1.82 -32.90	66.58 2.19 -41.06	42.93 2.37 -15.08	33.84 2.03 -10.02	32.15 1.81 -10.42	24.63 2.00 -0.21	23.55 1.83 -0.19
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.91 0.82 -8.32	24.77 0.93 -10.88	38.91 1.48 -19.09	55.94 2.43 -24.64	38.65 1.75 -16.28	31.06 1.70 -9.42	33.34 1.87 -11.97	33.10 2.02 -10.03	31.58 1.99 -8.83	33.41 1.96 -10.87	34.95 1.95 -12.73	34.38 1.87 -12.44	33.67 1.95 -10.95	54.03 1.80 -32.90	66.55 2.17 -41.06	42.93 2.37 -15.08	33.82 2.01 -10.02	32.15 1.81 -10.42	24.63 2.00 -0.21	23.55 1.83 -0.19
RAVENSWOOD_GT_9 24257	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.91 0.82 -8.32	24.77 0.93 -10.88	38.91 1.48 -19.09	55.94 2.43 -24.64	38.65 1.75 -16.28	31.06 1.70 -9.42	33.34 1.87 -11.97	33.10 2.02 -10.03	31.58 1.99 -8.83	33.41 1.96 -10.87	34.95 1.95 -12.73	34.38 1.87 -12.44	33.67 1.95 -10.95	54.03 1.80 -32.90	66.55 2.17 -41.06	42.93 2.37 -15.08	33.82 2.01 -10.02	32.15 1.81 -10.42	24.63 2.00 -0.21	23.55 1.83 -0.19
RAVENSWOOD___1 23533	23.15 0.87 -11.95	21.24 1.01 -7.87	20.27 1.04 -5.72	19.72 0.84 -8.14	20.94 0.85 -8.32	24.78 0.94 -10.88	38.85 1.43 -19.09	55.82 2.31 -24.64	38.61 1.71 -16.28	31.00 1.64 -9.42	33.35 1.85 -11.99	33.15 2.02 -10.08	31.59 1.95 -8.88	33.46 1.96 -10.92	35.00 1.95 -12.77	34.41 1.89 -12.46	33.65 1.93 -10.95	54.07 1.78 -32.96	66.55 2.15 -41.08	42.88 2.32 -15.08	33.78 1.96 -10.02	32.17 1.83 -10.42	24.68 2.04 -0.21	23.64 1.92 -0.20
RAVENSWOOD___2 23534	23.15 0.87 -11.95	21.24 1.01 -7.87	20.27 1.04 -5.72	19.72 0.84 -8.14	20.94 0.85 -8.32	24.78 0.94 -10.88	38.85 1.43 -19.09	55.82 2.31 -24.64	38.61 1.71 -16.28	31.00 1.64 -9.42	33.35 1.85 -11.99	33.15 2.02 -10.08	31.59 1.95 -8.88	33.46 1.96 -10.92	35.00 1.95 -12.77	34.41 1.89 -12.46	33.65 1.93 -10.95	54.07 1.78 -32.96	66.55 2.15 -41.08	42.88 2.32 -15.08	33.78 1.96 -10.02	32.17 1.83 -10.42	24.68 2.04 -0.21	23.64 1.92 -0.20
RAVENSWOOD___3 23535	23.10 0.83 -11.94	21.19 0.96 -7.86	20.23 1.00 -5.72	19.69 0.81 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.90 1.48 -19.09	55.94 2.43 -24.64	38.65 1.75 -16.28	31.04 1.68 -9.42	33.22 1.85 -11.86	32.89 2.02 -9.82	31.34 1.95 -8.64	33.21 1.96 -10.66	34.79 1.95 -12.56	34.31 1.87 -12.37	33.67 1.95 -10.95	53.78 1.80 -32.65	66.45 2.17 -40.95	42.93 2.37 -15.08	33.82 2.00 -10.02	32.17 1.83 -10.42	24.63 2.00 -0.21	23.55 1.83 -0.19
RAVENSWOOD___4 23820	23.15 0.87 -11.95	21.24 1.01 -7.87	20.27 1.04 -5.72	19.72 0.84 -8.14	20.94 0.85 -8.32	24.78 0.94 -10.88	38.85 1.43 -19.09	55.82 2.31 -24.64	38.61 1.71 -16.28	31.00 1.64 -9.42	33.35 1.85 -11.99	33.15 2.02 -10.08	31.59 1.95 -8.88	33.46 1.96 -10.92	35.00 1.95 -12.77	34.41 1.89 -12.46	33.65 1.93 -10.95	54.07 1.78 -32.96	66.55 2.15 -41.08	42.88 2.32 -15.08	33.78 1.96 -10.02	32.17 1.83 -10.42	24.68 2.04 -0.21	23.64 1.92 -0.20
RCPL_TRUST___DRP 24196	23.12 0.85 -11.94	21.21 0.99 -7.86	20.25 1.03 -5.72	19.71 0.83 -8.14	20.94 0.85 -8.32	24.81 0.97 -10.88	38.96 1.54 -19.09	56.05 2.54 -24.64	38.74 1.84 -16.28	31.14 1.78 -9.42	33.25 1.95 -11.80	32.89 2.13 -9.72	31.36 2.08 -8.54	33.20 2.06 -10.56	34.78 2.03 -12.47	34.36 1.97 -12.33	33.76 2.04 -10.95	53.74 1.89 -32.52	66.51 2.29 -40.90	43.03 2.47 -15.08	33.91 2.09 -10.02	32.21 1.87 -10.42	24.70 2.06 -0.21	23.61 1.89 -0.19
RED___ROCHESTER 323720	13.53 0.25 -2.94	14.61 0.31 -1.94	15.22 0.30 -1.41	13.01 0.26 -2.00	14.10 0.28 -2.05	15.94 0.31 -2.68	23.40 0.37 -4.70	35.27 0.55 -5.85	25.14 0.54 -3.98	22.60 0.44 -2.21	21.78 0.53 -1.75	22.04 0.61 -0.39	21.50 0.56 -0.19	21.79 0.62 -0.59	22.20 0.55 -1.37	22.83 0.56 -2.20	23.98 0.60 -2.60	25.28 0.48 -5.47	32.42 0.37 -8.72	29.72 0.69 -3.55	24.81 0.63 -2.38	22.84 0.50 -2.43	22.81 0.34 -0.05	22.03 0.45 -0.05
REGAN___SOLAR 323812	26.12 0.88 -14.90	23.24 1.06 -9.81	21.87 1.23 -7.13	21.81 0.91 -10.15	23.25 1.09 -10.39	27.79 1.26 -13.58	44.28 2.12 -23.83	60.79 3.00 -28.92	42.71 1.98 -20.10	32.66 1.83 -10.87	29.39 1.41 -8.48	24.25 1.39 -1.82	23.23 1.56 -0.92	24.94 1.48 -2.86	28.53 1.56 -6.69	32.39 1.65 -10.68	35.51 1.85 -12.88	48.65 1.97 -27.34	68.68 2.43 -42.92	45.49 2.52 -17.49	35.79 2.20 -11.79	33.58 1.81 -11.85	24.62 1.95 -0.24	23.40 1.64 -0.24

RENSSELAER___COGEN 23796	25.01 0.24 -14.44	22.15 0.28 -9.51	20.73 0.31 -6.91	20.81 0.23 -9.84	22.08 0.25 -10.06	26.37 0.26 -13.16	41.82 0.40 -23.09	57.56 0.69 -28.00	40.65 0.56 -19.47	30.98 0.50 -10.53	28.28 0.57 -8.21	23.39 0.59 -1.76	22.24 0.60 -0.89	23.94 0.58 -2.77	27.32 0.57 -6.48	31.00 0.60 -10.33	33.87 0.62 -12.48	46.43 0.62 -26.48	65.63 0.75 -41.55	43.20 0.79 -16.93	33.91 0.70 -11.42	31.95 0.56 -11.47	23.24 0.58 -0.23	22.28 0.52 -0.23
REPUBLIC_115KV_BARTNBRK 55605	26.35 1.19 -14.83	23.57 1.45 -9.76	22.32 1.72 -7.10	22.14 1.29 -10.10	23.73 1.62 -10.33	28.30 1.84 -13.51	44.89 2.86 -23.71	62.03 4.56 -28.60	43.84 3.24 -19.98	33.68 2.99 -10.74	30.66 2.81 -8.35	25.62 2.80 -1.78	24.17 2.51 -0.91	25.86 2.45 -2.82	29.29 2.41 -6.60	33.16 2.57 -10.52	36.02 2.49 -12.75	48.96 2.51 -27.12	68.80 3.06 -42.41	46.30 3.54 -17.28	36.49 3.03 -11.67	34.06 2.45 -11.69	25.20 2.53 -0.24	24.03 2.26 -0.24
REVERE_CPPR_DRP 24186	11.76 0.32 -1.10	13.47 0.38 -0.73	14.51 0.47 -0.53	11.85 0.35 -0.75	12.96 0.42 -0.77	14.45 0.49 -1.01	20.88 0.79 -1.77	32.25 1.18 -2.20	22.88 0.76 -1.50	21.40 0.62 -0.83	20.71 0.55 -0.66	21.78 0.59 -0.14	21.36 0.54 -0.07	21.43 0.62 -0.22	21.30 0.51 -0.51	21.46 0.56 -0.82	22.37 0.62 -0.98	22.10 0.72 -2.05	27.56 0.96 -3.27	27.78 0.97 -1.33	23.41 0.72 -0.89	21.43 0.60 -0.91	23.23 0.79 -0.02	22.28 0.73 -0.02
REYNOLDS_115KV_TB3 80639	25.24 0.43 -14.46	22.41 0.53 -9.52	21.00 0.57 -6.92	21.05 0.45 -9.86	22.36 0.51 -10.08	26.72 0.58 -13.18	42.26 0.81 -23.13	57.68 1.27 -27.54	41.00 0.93 -19.45	31.13 0.88 -10.30	28.40 0.94 -7.96	23.72 1.01 -1.67	22.64 1.02 -0.87	24.26 0.97 -2.70	27.58 0.99 -6.31	31.09 0.98 -10.04	34.10 1.04 -12.29	46.57 0.97 -26.28	65.26 1.17 -40.77	43.35 1.27 -16.60	34.13 1.09 -11.24	32.02 0.92 -11.18	23.65 0.99 -0.23	22.66 0.90 -0.23
RIVERBAY____ 323610	23.24 0.96 -11.94	21.35 1.12 -7.86	20.40 1.18 -5.72	19.83 0.95 -8.14	21.03 0.94 -8.32	24.84 1.01 -10.88	38.92 1.50 -19.09	55.82 2.31 -24.64	38.61 1.71 -16.28	31.00 1.64 -9.42	28.92 1.85 -7.57	24.81 2.00 -1.77	23.53 1.95 -0.83	25.16 2.02 -2.55	28.13 1.93 -5.93	31.43 1.87 -9.49	33.61 1.89 -10.95	43.76 1.74 -22.69	62.40 2.15 -36.92	42.88 2.32 -15.08	33.78 1.96 -10.02	32.13 1.79 -10.42	24.77 2.13 -0.21	23.83 2.11 -0.19
RIVERSDE_115KV_TB3 55908	25.16 0.32 -14.51	22.31 0.40 -9.55	20.89 0.43 -6.94	20.95 0.32 -9.88	22.24 0.36 -10.11	26.57 0.40 -13.22	42.11 0.59 -23.19	57.74 0.98 -27.89	40.90 0.74 -19.53	31.11 0.70 -10.46	28.37 0.74 -8.12	23.55 0.78 -1.72	22.45 0.81 -0.88	24.10 0.76 -2.75	27.45 0.75 -6.42	31.07 0.76 -10.23	34.02 0.81 -12.43	46.61 0.79 -26.49	65.62 0.96 -41.34	43.34 1.02 -16.84	34.05 0.87 -11.38	32.01 0.72 -11.38	23.43 0.76 -0.23	22.45 0.69 -0.23
ROARING___BROOK_WT_PWR 323790	0.00 -0.66 9.67	-6.19 -0.78 17.77	-9.56 -0.85 22.22	-6.61 -0.66 16.70	-6.55 -0.71 17.62	-9.47 -0.78 21.65	-10.00 -0.88 27.45	-10.00 -1.39 37.49	-10.00 -0.97 29.66	-10.00 -0.98 28.97	-10.00 -0.97 28.53	2.40 -1.05 17.60	19.80 -0.95 0.00	19.68 -0.91 0.00	19.39 -0.89 0.00	19.19 -0.88 0.00	7.74 -0.96 12.08	3.90 -0.93 14.50	22.19 -1.14 0.00	24.15 -1.33 0.00	0.00 -1.09 20.71	-0.73 -0.98 19.68	0.00 -1.17 21.26	0.00 -1.10 20.43
ROCHESRG_115KV_T4 355643	13.42 0.16 -2.93	14.49 0.20 -1.93	15.09 0.18 -1.40	12.90 0.16 -2.00	13.99 0.18 -2.04	15.80 0.18 -2.67	23.18 0.16 -4.68	34.87 0.17 -5.82	24.84 0.25 -3.97	22.36 0.20 -2.20	21.51 0.27 -1.74	21.75 0.32 -0.38	21.19 0.25 -0.19	21.52 0.35 -0.58	21.93 0.28 -1.37	22.54 0.28 -2.19	23.70 0.33 -2.59	25.01 0.23 -5.45	32.06 0.05 -8.68	29.32 0.31 -3.54	24.47 0.31 -2.37	22.63 0.30 -2.42	22.59 0.11 -0.05	21.81 0.24 -0.05
ROCHESTER_9_IC 23652	13.49 0.22 -2.94	14.57 0.27 -1.94	15.17 0.26 -1.41	12.97 0.21 -2.00	14.07 0.25 -2.05	15.89 0.26 -2.68	23.30 0.27 -4.70	35.12 0.40 -5.85	25.02 0.41 -3.98	22.50 0.34 -2.21	21.66 0.41 -1.75	21.92 0.48 -0.39	21.35 0.42 -0.19	21.69 0.51 -0.59	22.10 0.45 -1.37	22.69 0.42 -2.20	23.85 0.48 -2.60	25.17 0.37 -5.47	32.28 0.23 -8.72	29.54 0.51 -3.55	24.66 0.48 -2.38	22.78 0.44 -2.43	22.72 0.25 -0.05	21.94 0.37 -0.05
ROCKVIEW_13_KV_LD 356306	23.06 0.79 -11.94	21.14 0.91 -7.86	20.19 0.96 -5.72	19.65 0.76 -8.14	20.89 0.80 -8.32	24.75 0.92 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.59 1.69 -16.27	31.00 1.64 -9.42	28.88 1.83 -7.54	24.76 1.98 -1.73	23.48 1.93 -0.80	25.00 1.89 -2.52	28.06 1.89 -5.90	31.37 1.83 -9.48	33.59 1.89 -10.93	43.76 1.78 -22.65	62.37 2.15 -36.90	42.83 2.29 -15.06	33.76 1.94 -10.02	32.06 1.73 -10.41	24.53 1.91 -0.19	23.44 1.72 -0.19
ROME_____115KV_TB2 80656	11.76 0.32 -1.10	13.47 0.38 -0.73	14.51 0.47 -0.53	11.85 0.35 -0.75	12.96 0.42 -0.77	14.45 0.49 -1.01	20.88 0.79 -1.77	32.25 1.18 -2.20	22.88 0.76 -1.50	21.40 0.62 -0.83	20.71 0.55 -0.66	21.78 0.59 -0.14	21.36 0.54 -0.07	21.43 0.62 -0.22	21.30 0.51 -0.51	21.46 0.56 -0.82	22.37 0.62 -0.98	22.10 0.72 -2.05	27.56 0.96 -3.27	27.78 0.97 -1.33	23.41 0.72 -0.89	21.43 0.60 -0.91	23.23 0.79 -0.02	22.28 0.73 -0.02
ROSETON___1 23587	22.74 0.63 -11.78	20.86 0.74 -7.75	19.93 0.78 -5.64	19.39 0.62 -8.02	20.64 0.66 -8.21	24.42 0.74 -10.73	38.30 1.14 -18.83	54.90 1.82 -24.21	37.94 1.28 -16.04	30.43 1.24 -9.24	28.30 1.41 -7.39	24.25 1.52 -1.69	23.01 1.47 -0.78	24.54 1.48 -2.47	27.52 1.46 -5.78	30.78 1.43 -9.28	32.99 1.48 -10.74	42.97 1.35 -22.29	61.19 1.63 -36.23	42.02 1.76 -14.79	33.14 1.50 -9.84	31.50 1.37 -10.20	24.10 1.48 -0.19	23.07 1.36 -0.19
ROSETON___2 23588	22.74 0.63 -11.78	20.86 0.74 -7.75	19.93 0.78 -5.64	19.39 0.62 -8.02	20.64 0.66 -8.21	24.42 0.74 -10.73	38.30 1.14 -18.83	54.90 1.82 -24.21	37.94 1.28 -16.04	30.43 1.24 -9.24	28.30 1.41 -7.39	24.25 1.52 -1.69	23.01 1.47 -0.78	24.54 1.48 -2.47	27.52 1.46 -5.78	30.78 1.43 -9.28	32.99 1.48 -10.74	42.97 1.35 -22.29	61.19 1.63 -36.23	42.02 1.76 -14.79	33.14 1.50 -9.84	31.50 1.37 -10.20	24.10 1.48 -0.19	23.07 1.36 -0.19
ROTTRDAM_115KV_TB3 80664	25.68 0.44 -14.90	22.70 0.53 -9.81	21.25 0.61 -7.13	21.37 0.47 -10.15	22.70 0.54 -10.39	27.14 0.61 -13.58	43.06 0.90 -23.83	59.20 1.41 -28.92	41.74 1.01 -20.10	31.76 0.94 -10.87	28.94 0.96 -8.48	23.87 1.01 -1.82	22.67 1.00 -0.92	24.44 0.99 -2.86	27.97 0.99 -6.69	31.75 1.00 -10.68	34.70 1.04 -12.88	47.66 0.99 -27.34	67.44 1.19 -42.92	44.24 1.27 -17.49	34.70 1.11 -11.79	32.71 0.94 -11.85	23.70 1.03 -0.24	22.69 0.93 -0.24
RUSSELL___1 23602	13.54 0.26 -2.94	14.61 0.31 -1.94	15.22 0.30 -1.41	13.01 0.26 -2.00	14.11 0.29 -2.05	15.94 0.31 -2.68	23.40 0.37 -4.70	35.27 0.55 -5.85	25.14 0.54 -3.98	22.62 0.46 -2.21	21.78 0.53 -1.75	22.04 0.61 -0.39	21.46 0.52 -0.19	21.79 0.62 -0.59	22.20 0.55 -1.37	22.81 0.54 -2.20	23.98 0.60 -2.60	25.28 0.48 -5.47	32.42 0.37 -8.72	29.70 0.66 -3.55	24.79 0.61 -2.38	22.88 0.54 -2.43	22.84 0.36 -0.05	22.03 0.45 -0.05

RUSSELL___2 23532	13.54 0.26 -2.94	14.61 0.31 -1.94	15.22 0.30 -1.41	13.01 0.26 -2.00	14.11 0.29 -2.05	15.94 0.31 -2.68	23.40 0.37 -4.70	35.27 0.55 -5.85	25.14 0.54 -3.98	22.62 0.46 -2.21	21.78 0.53 -1.75	22.04 0.61 -0.39	21.46 0.52 -0.19	21.79 0.62 -0.59	22.20 0.55 -1.37	22.81 0.54 -2.20	23.98 0.60 -2.60	25.28 0.48 -5.47	32.42 0.37 -8.72	29.70 0.66 -3.55	24.79 0.61 -2.38	22.88 0.54 -2.43	22.84 0.36 -0.05	22.03 0.45 -0.05
RUSSELL___3 23549	13.54 0.26 -2.94	14.61 0.31 -1.94	15.22 0.30 -1.41	13.01 0.26 -2.00	14.11 0.29 -2.05	15.94 0.31 -2.68	23.40 0.37 -4.70	35.27 0.55 -5.85	25.14 0.54 -3.98	22.62 0.46 -2.21	21.78 0.53 -1.75	22.04 0.61 -0.39	21.46 0.52 -0.19	21.79 0.62 -0.59	22.20 0.55 -1.37	22.81 0.54 -2.20	23.98 0.60 -2.60	25.28 0.48 -5.47	32.42 0.37 -8.72	29.70 0.66 -3.55	24.79 0.61 -2.38	22.88 0.54 -2.43	22.84 0.36 -0.05	22.03 0.45 -0.05
RUSSELL___4 23556	13.54 0.26 -2.94	14.61 0.31 -1.94	15.22 0.30 -1.41	13.01 0.26 -2.00	14.11 0.29 -2.05	15.94 0.31 -2.68	23.40 0.37 -4.70	35.27 0.55 -5.85	25.14 0.54 -3.98	22.62 0.46 -2.21	21.78 0.53 -1.75	22.04 0.61 -0.39	21.46 0.52 -0.19	21.79 0.62 -0.59	22.20 0.55 -1.37	22.81 0.54 -2.20	23.98 0.60 -2.60	25.28 0.48 -5.47	32.42 0.37 -8.72	29.70 0.66 -3.55	24.79 0.61 -2.38	22.88 0.54 -2.43	22.84 0.36 -0.05	22.03 0.45 -0.05
RUSSELL___STATION 23914	13.54 0.26 -2.94	14.61 0.31 -1.94	15.22 0.30 -1.41	13.01 0.26 -2.00	14.11 0.29 -2.05	15.94 0.31 -2.68	23.40 0.37 -4.70	35.27 0.55 -5.85	25.14 0.54 -3.98	22.62 0.46 -2.21	21.78 0.53 -1.75	22.04 0.61 -0.39	21.46 0.52 -0.19	21.79 0.62 -0.59	22.20 0.55 -1.37	22.81 0.54 -2.20	23.98 0.60 -2.60	25.28 0.48 -5.47	32.42 0.37 -8.72	29.70 0.66 -3.55	24.79 0.61 -2.38	22.88 0.54 -2.43	22.84 0.36 -0.05	22.03 0.45 -0.05
S SALMON___HYD 24043	11.93 -0.03 -1.62	12.96 -0.04 -0.64	13.63 0.00 -0.12	11.46 -0.01 -0.73	12.50 0.01 -0.72	13.97 0.03 -1.00	20.58 0.06 -2.20	31.79 0.09 -2.83	22.40 -0.02 -1.79	20.55 -0.02 -0.62	19.52 -0.16 -0.18	20.48 -0.17 0.40	20.73 -0.14 -0.13	20.78 -0.21 -0.40	21.00 -0.20 -0.93	21.35 -0.20 -1.48	21.91 -0.17 -1.30	22.40 -0.08 -3.14	29.11 -0.09 -5.87	27.77 -0.10 -2.40	22.50 -0.13 -0.83	20.72 -0.10 -0.90	21.64 -0.02 0.76	20.82 0.02 0.73
S.PERRY___115KV_TB1 80734	14.35 0.47 -3.54	15.26 0.57 -2.33	15.81 0.61 -1.70	13.66 0.49 -2.42	14.82 0.58 -2.47	16.83 0.65 -3.23	24.95 0.95 -5.67	37.33 1.41 -7.05	26.52 1.09 -4.80	23.52 0.90 -2.67	22.50 0.90 -2.10	22.46 0.95 -0.46	21.79 0.81 -0.23	22.26 0.97 -0.71	22.83 0.89 -1.66	23.66 0.94 -2.65	25.03 1.12 -3.14	26.97 1.04 -6.59	34.98 1.14 -10.50	31.29 1.53 -4.28	26.00 1.33 -2.87	24.00 1.16 -2.92	23.54 1.05 -0.06	22.70 1.12 -0.06
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.69 0.01 -3.35	14.60 0.04 -2.20	15.11 0.00 -1.60	13.04 0.01 -2.28	14.10 0.00 -2.33	15.98 -0.03 -3.05	23.40 -0.27 -5.35	34.83 -0.69 -6.65	24.85 -0.31 -4.53	22.19 -0.28 -2.52	21.35 -0.14 -1.99	21.40 -0.08 -0.44	20.76 -0.21 -0.21	21.24 -0.02 -0.67	21.78 -0.06 -1.56	22.49 -0.08 -2.50	23.67 -0.06 -2.96	25.38 -0.17 -6.23	32.69 -0.56 -9.92	29.19 -0.33 -4.05	24.38 -0.13 -2.71	22.62 -0.06 -2.76	22.30 -0.18 -0.05	21.67 0.09 -0.05
SAWYER___23_KV_LOAD 55526	13.69 0.01 -3.35	14.60 0.04 -2.20	15.11 0.00 -1.60	13.04 0.01 -2.28	14.10 0.00 -2.33	15.98 -0.03 -3.05	23.40 -0.27 -5.35	34.83 -0.69 -6.65	24.85 -0.31 -4.53	22.19 -0.28 -2.52	21.35 -0.14 -1.99	21.40 -0.08 -0.44	20.76 -0.21 -0.21	21.24 -0.02 -0.67	21.78 -0.06 -1.56	22.49 -0.08 -2.50	23.67 -0.06 -2.96	25.38 -0.17 -6.23	32.69 -0.56 -9.92	29.19 -0.33 -4.05	24.38 -0.13 -2.71	22.62 -0.06 -2.76	22.30 -0.18 -0.05	21.67 0.09 -0.05
SELKIRK___I 23801	24.98 0.40 -14.24	22.23 0.49 -9.37	20.88 0.55 -6.82	20.86 0.41 -9.70	22.13 0.44 -9.92	26.38 0.45 -12.98	41.75 0.66 -22.77	57.79 1.07 -27.84	40.70 0.85 -19.23	31.24 0.80 -10.49	28.56 0.84 -8.21	23.71 0.88 -1.78	22.51 0.87 -0.89	24.22 0.86 -2.77	27.62 0.87 -6.47	31.29 0.88 -10.34	34.09 0.91 -12.40	46.45 0.89 -26.23	65.78 1.07 -41.38	43.51 1.17 -16.86	34.15 1.00 -11.35	32.23 0.86 -11.46	23.58 0.92 -0.23	22.59 0.84 -0.23
SELKIRK___II 23799	25.06 0.32 -14.40	22.22 0.38 -9.48	20.83 0.43 -6.89	20.87 0.31 -9.81	22.12 0.32 -10.03	26.39 0.31 -13.13	41.81 0.46 -23.03	57.76 0.81 -28.09	40.74 0.68 -19.44	31.17 0.64 -10.58	28.49 0.72 -8.27	23.61 0.78 -1.78	22.39 0.75 -0.89	24.12 0.74 -2.79	27.53 0.73 -6.52	31.22 0.74 -10.41	34.05 0.77 -12.51	46.56 0.73 -26.49	65.93 0.89 -41.72	43.45 0.97 -17.00	34.10 0.85 -11.45	32.18 0.72 -11.54	23.45 0.78 -0.23	22.47 0.71 -0.23
SENECA OSWGO___HYD 24041	12.55 0.00 -2.21	13.82 0.00 -1.46	14.58 0.01 -1.06	12.26 0.01 -1.51	13.33 0.02 -1.54	14.99 0.03 -2.02	21.90 0.04 -3.54	33.24 -0.03 -4.40	23.60 -0.02 -3.00	21.70 0.08 -1.66	20.72 -0.10 -1.31	21.23 -0.10 -0.29	20.89 0.00 -0.14	20.93 -0.10 -0.44	21.21 -0.10 -1.03	21.62 -0.10 -1.65	22.64 -0.08 -1.95	23.36 -0.08 -4.11	29.73 -0.14 -6.54	28.02 -0.13 -2.67	23.50 -0.09 -1.79	21.68 -0.06 -1.82	22.49 0.02 -0.04	21.63 0.06 -0.04
SENECA___115KV_TB3 355854	13.79 0.03 -3.42	14.67 0.06 -2.25	15.17 0.03 -1.64	13.11 0.03 -2.33	14.18 0.02 -2.38	16.07 0.00 -3.12	23.59 -0.20 -5.46	35.15 -0.52 -6.80	25.07 -0.19 -4.63	22.36 -0.16 -2.57	21.53 0.00 -2.03	21.56 0.06 -0.45	20.91 -0.06 -0.22	21.39 0.12 -0.68	21.94 0.06 -1.60	22.68 0.06 -2.55	23.88 0.08 -3.03	25.67 -0.02 -6.36	33.11 -0.35 -10.13	29.48 -0.13 -4.13	24.59 0.02 -2.77	22.80 0.06 -2.82	22.53 0.04 -0.06	21.88 0.30 -0.06
SENECA___ENERGY 23797	13.60 0.18 -3.08	14.61 0.22 -2.03	15.23 0.24 -1.48	13.05 0.20 -2.10	14.17 0.25 -2.15	16.03 0.27 -2.81	23.72 0.46 -4.93	35.75 0.75 -6.13	25.36 0.56 -4.18	22.81 0.54 -2.32	21.82 0.49 -1.83	21.96 0.50 -0.41	21.45 0.50 -0.20	21.68 0.47 -0.62	22.21 0.49 -1.45	22.87 0.48 -2.32	24.08 0.56 -2.75	25.63 0.52 -5.78	33.03 0.49 -9.21	29.89 0.66 -3.75	24.84 0.55 -2.50	22.88 0.42 -2.54	22.90 0.43 -0.05	22.05 0.47 -0.05
SHOEMAKER___GT 23640	21.37 0.58 -10.46	19.92 0.68 -6.88	19.24 0.73 -5.01	18.45 0.58 -7.12	19.67 0.61 -7.29	23.17 0.69 -9.53	36.11 1.06 -16.72	52.06 1.73 -21.45	36.06 1.20 -14.24	29.23 1.10 -8.19	27.31 1.27 -6.54	23.93 1.39 -1.49	22.75 1.31 -0.69	24.11 1.34 -2.19	26.74 1.34 -5.12	29.61 1.32 -8.22	31.64 1.35 -9.52	40.34 1.24 -19.77	56.95 1.52 -32.10	40.24 1.66 -13.10	31.94 1.42 -8.73	30.23 1.28 -9.04	23.94 1.35 -0.17	22.94 1.25 -0.17
SHOEMAKR_138KV_BK 111 55601	21.30 0.58 -10.39	19.88 0.68 -6.84	19.21 0.73 -4.97	18.40 0.58 -7.08	19.62 0.61 -7.24	23.10 0.69 -9.47	36.00 1.06 -16.61	51.88 1.70 -21.31	35.96 1.20 -14.14	29.20 1.12 -8.13	27.27 1.27 -6.50	23.92 1.39 -1.48	22.79 1.35 -0.69	24.08 1.32 -2.17	26.70 1.34 -5.09	29.56 1.32 -8.16	31.58 1.35 -9.46	40.21 1.24 -19.64	56.70 1.49 -31.88	40.12 1.63 -13.01	31.88 1.42 -8.67	30.15 1.25 -8.97	23.97 1.37 -0.17	22.94 1.25 -0.17

SHOREHAM_IC_1 23715	24.68 1.16 -13.18	22.17 1.37 -8.44	21.06 1.49 -6.06	21.87 1.18 -9.94	22.41 1.21 -9.43	26.87 1.36 -12.56	39.25 1.83 -19.09	56.60 3.09 -24.64	39.27 2.37 -16.27	31.56 2.16 -9.46	29.66 2.50 -7.66	27.51 2.82 -3.64	26.95 2.47 -3.73	27.92 2.76 -4.57	29.34 2.68 -6.38	32.09 2.43 -9.59	36.46 2.62 -13.07	56.70 2.42 -34.95	65.99 2.87 -39.80	63.73 3.16 -35.09	46.39 2.72 -21.87	36.28 2.55 -13.81	33.46 2.60 -8.43	26.23 2.50 -2.20
SHOREHAM_IC_2 23716	24.68 1.16 -13.18	22.17 1.37 -8.44	21.06 1.49 -6.06	21.87 1.18 -9.94	22.41 1.21 -9.43	26.87 1.36 -12.56	39.25 1.83 -19.09	56.60 3.09 -24.64	39.27 2.37 -16.27	31.56 2.16 -9.46	29.66 2.50 -7.66	27.51 2.82 -3.64	26.95 2.47 -3.73	27.92 2.76 -4.57	29.34 2.68 -6.38	32.09 2.43 -9.59	36.46 2.62 -13.07	56.70 2.42 -34.95	65.99 2.87 -39.80	63.73 3.16 -35.09	46.39 2.72 -21.87	36.28 2.55 -13.81	33.46 2.60 -8.43	26.23 2.50 -2.20
SISSONVILLE____ 23735	6.35 -0.45 3.53	4.85 -0.54 6.97	4.08 -0.58 8.85	3.76 -0.46 6.52	4.37 -0.51 6.89	3.90 -0.61 8.44	7.20 -1.10 10.03	15.20 -1.82 11.85	9.60 -1.44 9.58	8.95 -1.40 9.61	7.32 -1.42 10.76	12.40 -1.54 7.11	19.24 -1.54 -0.03	19.12 -1.54 -0.08	18.93 -1.54 -0.19	18.89 -1.49 -0.30	14.65 -1.56 4.56	12.86 -1.31 5.15	23.18 -1.35 -1.20	24.36 -1.61 -0.49	12.20 -1.48 8.11	10.96 -1.27 7.68	12.65 -1.12 8.65	12.22 -0.99 8.31
SITHE_IND_GS1 24169	12.06 -0.15 -1.88	13.41 -0.19 -1.24	14.21 -0.20 -0.90	11.88 -0.15 -1.28	12.92 -0.16 -1.31	14.48 -0.18 -1.71	21.04 -0.29 -3.01	32.12 -0.49 -3.74	22.84 -0.33 -2.55	21.07 -0.30 -1.41	20.19 -0.43 -1.12	20.83 -0.46 -0.25	20.48 -0.39 -0.12	20.55 -0.41 -0.37	20.75 -0.41 -0.88	21.05 -0.42 -1.40	22.02 -0.42 -1.66	22.42 -0.41 -3.49	28.36 -0.54 -5.57	27.19 -0.56 -2.27	22.86 -0.46 -1.52	21.09 -0.38 -1.55	22.10 -0.36 -0.03	21.25 -0.30 -0.03
SITHE_IND_GS2 24170	12.06 -0.15 -1.88	13.41 -0.19 -1.24	14.21 -0.20 -0.90	11.88 -0.15 -1.28	12.92 -0.16 -1.31	14.48 -0.18 -1.71	21.04 -0.29 -3.01	32.12 -0.49 -3.74	22.84 -0.33 -2.55	21.07 -0.30 -1.41	20.19 -0.43 -1.12	20.83 -0.46 -0.25	20.48 -0.39 -0.12	20.55 -0.41 -0.37	20.75 -0.41 -0.88	21.05 -0.42 -1.40	22.02 -0.42 -1.66	22.42 -0.41 -3.49	28.36 -0.54 -5.57	27.19 -0.56 -2.27	22.86 -0.46 -1.52	21.09 -0.38 -1.55	22.10 -0.36 -0.03	21.25 -0.30 -0.03
SITHE_IND_GS3 24171	12.06 -0.15 -1.88	13.41 -0.19 -1.24	14.21 -0.20 -0.90	11.88 -0.15 -1.28	12.92 -0.16 -1.31	14.48 -0.18 -1.71	21.04 -0.29 -3.01	32.12 -0.49 -3.74	22.84 -0.33 -2.55	21.07 -0.30 -1.41	20.19 -0.43 -1.12	20.83 -0.46 -0.25	20.48 -0.39 -0.12	20.55 -0.41 -0.37	20.75 -0.41 -0.88	21.05 -0.42 -1.40	22.02 -0.42 -1.66	22.42 -0.41 -3.49	28.36 -0.54 -5.57	27.19 -0.56 -2.27	22.86 -0.46 -1.52	21.09 -0.38 -1.55	22.10 -0.36 -0.03	21.25 -0.30 -0.03
SITHE_IND_GS4 24172	12.06 -0.15 -1.88	13.41 -0.19 -1.24	14.21 -0.20 -0.90	11.88 -0.15 -1.28	12.92 -0.16 -1.31	14.48 -0.18 -1.71	21.04 -0.29 -3.01	32.12 -0.49 -3.74	22.84 -0.33 -2.55	21.07 -0.30 -1.41	20.19 -0.43 -1.12	20.83 -0.46 -0.25	20.48 -0.39 -0.12	20.55 -0.41 -0.37	20.75 -0.41 -0.88	21.05 -0.42 -1.40	22.02 -0.42 -1.66	22.42 -0.41 -3.49	28.36 -0.54 -5.57	27.19 -0.56 -2.27	22.86 -0.46 -1.52	21.09 -0.38 -1.55	22.10 -0.36 -0.03	21.25 -0.30 -0.03
SITHE____BATAVIA 24024	13.75 0.28 -3.13	14.78 0.36 -2.06	15.35 0.34 -1.50	13.18 0.30 -2.13	14.27 0.32 -2.18	16.13 0.32 -2.85	23.62 0.29 -5.00	35.36 0.26 -6.22	25.24 0.37 -4.24	22.63 0.32 -2.36	21.75 0.39 -1.86	21.94 0.48 -0.41	21.43 0.48 -0.20	21.73 0.51 -0.63	22.21 0.47 -1.46	22.87 0.46 -2.34	24.06 0.52 -2.77	25.50 0.35 -5.83	32.78 0.16 -9.28	29.85 0.59 -3.78	24.90 0.57 -2.54	22.90 0.40 -2.58	22.82 0.34 -0.05	22.07 0.50 -0.05
SITHE____INDEPEND 23800	12.06 -0.16 -1.88	13.41 -0.19 -1.24	14.21 -0.20 -0.90	11.88 -0.15 -1.28	12.92 -0.16 -1.31	14.48 -0.18 -1.71	21.04 -0.29 -3.01	32.12 -0.49 -3.74	22.84 -0.33 -2.55	21.05 -0.32 -1.41	20.19 -0.43 -1.12	20.83 -0.46 -0.25	20.44 -0.44 -0.12	20.57 -0.39 -0.37	20.75 -0.41 -0.88	21.05 -0.42 -1.40	22.02 -0.42 -1.66	22.42 -0.41 -3.49	28.36 -0.54 -5.57	27.19 -0.56 -2.27	22.86 -0.46 -1.52	21.11 -0.36 -1.55	22.10 -0.36 -0.03	21.25 -0.30 -0.03
SITHE____MASSENA 23902	5.08 -0.29 4.97	2.88 -0.35 9.13	1.72 -0.38 11.42	1.86 -0.30 8.58	2.39 -0.33 9.05	1.45 -0.38 11.12	3.69 -0.64 14.00	9.15 -1.01 18.71	5.04 -0.76 14.83	4.76 -0.70 14.49	4.27 -0.70 14.53	11.23 -0.78 9.04	20.01 -0.75 0.00	19.81 -0.78 0.00	19.53 -0.75 0.00	19.33 -0.74 0.00	13.78 -0.79 6.21	11.18 -0.70 7.45	22.61 -0.72 0.00	24.64 -0.84 0.00	10.39 -0.78 10.62	9.13 -0.70 10.09	10.81 -0.72 10.90	10.36 -0.69 10.48
SITHE____OGDNSBRG 24021	6.61 -0.20 3.53	5.16 -0.23 6.97	4.41 -0.24 8.85	4.02 -0.20 6.52	4.68 -0.20 6.89	4.26 -0.25 8.44	7.79 -0.51 10.03	16.22 -0.81 11.85	10.24 -0.80 9.58	9.46 -0.88 9.61	7.79 -0.96 10.76	12.88 -1.05 7.11	19.70 -1.08 -0.03	19.58 -1.09 -0.08	19.39 -1.07 -0.19	19.37 -1.00 -0.30	15.21 -1.00 4.56	13.50 -0.68 5.15	24.06 -0.47 -1.20	25.31 -0.66 -0.49	12.88 -0.81 8.11	11.52 -0.72 7.68	13.26 -0.52 8.65	12.76 -0.45 8.31
SITHE____STERLING 23777	11.91 0.31 -1.26	13.56 0.37 -0.83	14.56 0.45 -0.60	11.95 0.34 -0.86	13.05 0.40 -0.88	14.55 0.45 -1.15	21.08 0.73 -2.02	32.47 1.10 -2.51	23.05 0.72 -1.71	21.62 0.72 -0.95	20.82 0.57 -0.75	21.82 0.61 -0.16	21.50 0.66 -0.08	21.37 0.53 -0.25	21.41 0.55 -0.59	21.59 0.58 -0.94	22.53 0.64 -1.11	22.37 0.69 -2.34	27.97 0.91 -3.73	27.94 0.94 -1.52	23.53 0.72 -1.02	21.58 0.62 -1.04	23.19 0.74 -0.02	22.26 0.71 -0.02
SLEIGHT__34_KV_TB1 80719	13.35 0.09 -2.92	14.41 0.12 -1.92	15.03 0.12 -1.40	12.84 0.11 -1.99	13.95 0.14 -2.04	15.77 0.16 -2.66	23.22 0.22 -4.67	35.08 0.40 -5.81	24.93 0.35 -3.96	22.45 0.30 -2.20	21.57 0.33 -1.73	21.79 0.36 -0.39	21.23 0.29 -0.19	21.57 0.39 -0.59	21.96 0.30 -1.37	22.53 0.26 -2.20	23.69 0.31 -2.60	25.05 0.25 -5.47	32.20 0.16 -8.71	29.36 0.33 -3.55	24.45 0.28 -2.37	22.57 0.24 -2.41	22.59 0.11 -0.05	21.77 0.19 -0.05
SOUTH CAIRO____GT 23612	24.43 0.40 -13.69	21.85 0.47 -9.02	20.62 0.55 -6.55	20.48 0.40 -9.33	21.74 0.42 -9.54	25.89 0.45 -12.48	41.01 0.79 -21.90	57.09 1.30 -26.92	40.15 1.01 -18.51	30.75 0.64 -10.16	28.28 0.80 -7.97	23.79 1.01 -1.74	22.46 0.85 -0.86	24.14 0.86 -2.69	27.37 0.81 -6.28	31.16 1.06 -10.03	33.71 0.96 -11.98	45.64 1.00 -25.30	64.77 1.40 -40.04	43.30 1.50 -16.32	33.97 1.20 -10.97	31.94 0.92 -11.11	23.68 1.03 -0.22	22.69 0.95 -0.22
SOUTH HAMPTN____IC 23720	24.79 1.27 -13.18	22.32 1.52 -8.44	21.22 1.65 -6.06	22.00 1.31 -9.94	22.56 1.35 -9.43	27.01 1.50 -12.56	39.49 2.07 -19.09	57.09 3.58 -24.64	39.64 2.74 -16.27	31.82 2.41 -9.46	30.01 2.85 -7.66	27.86 3.18 -3.64	27.22 2.74 -3.73	28.24 3.09 -4.57	29.66 3.00 -6.38	32.41 2.75 -9.59	36.81 2.99 -13.04	56.90 2.76 -34.81	66.36 3.27 -39.76	63.93 3.59 -34.85	46.62 3.09 -21.73	36.57 2.89 -13.77	33.70 2.89 -8.38	26.46 2.73 -2.20

SOUTHDOW_115KV_TB1 355954	13.91 0.00 -3.57	14.75 0.04 -2.35	15.26 0.04 -1.71	13.22 0.04 -2.43	14.34 0.08 -2.49	16.28 0.08 -3.26	24.02 -0.02 -5.71	35.94 -0.03 -7.10	25.61 0.14 -4.84	22.84 0.20 -2.69	21.99 0.37 -2.12	21.94 0.42 -0.47	21.29 0.31 -0.23	21.80 0.49 -0.71	22.35 0.41 -1.67	23.16 0.42 -2.67	24.41 0.48 -3.16	26.34 0.37 -6.65	34.13 0.21 -10.59	30.23 0.43 -4.32	25.15 0.46 -2.89	23.22 0.36 -2.95	23.00 0.52 -0.06	22.27 0.69 -0.06
SOUTHOLD_69_KV_BK 2 55809	24.96 1.44 -13.18	22.49 1.71 -8.43	21.41 1.85 -6.05	22.15 1.47 -9.93	22.71 1.52 -9.42	27.20 1.70 -12.56	39.80 2.38 -19.09	57.64 4.13 -24.64	40.03 3.13 -16.27	32.50 3.09 -9.46	30.38 3.22 -7.66	28.20 3.51 -3.64	28.14 3.65 -3.73	28.25 3.09 -4.57	30.00 3.35 -6.38	32.77 3.11 -9.59	37.24 3.43 -13.04	57.28 3.15 -34.80	66.82 3.73 -39.76	64.43 4.10 -34.85	47.05 3.53 -21.72	36.87 3.19 -13.77	34.08 3.27 -8.38	26.79 3.06 -2.20
SOUTHOLD___IC 23719	24.96 1.44 -13.18	22.50 1.71 -8.44	21.42 1.85 -6.06	22.16 1.47 -9.94	22.73 1.53 -9.43	27.21 1.70 -12.56	39.80 2.38 -19.09	57.63 4.13 -24.64	40.05 3.16 -16.27	32.16 2.75 -9.46	30.38 3.22 -7.66	28.22 3.53 -3.64	27.54 3.05 -3.73	28.58 3.42 -4.57	30.00 3.35 -6.38	32.77 3.11 -9.59	37.22 3.41 -13.04	57.28 3.15 -34.80	66.82 3.73 -39.76	64.43 4.10 -34.85	47.05 3.53 -21.72	36.95 3.27 -13.77	34.08 3.27 -8.38	26.81 3.08 -2.20
SPIERFLS_115KV_TB 1 80737	25.77 0.60 -14.83	22.86 0.73 -9.77	21.54 0.93 -7.10	21.56 0.71 -10.11	23.05 0.94 -10.34	27.55 1.07 -13.52	43.71 1.67 -23.72	60.19 2.69 -28.63	42.53 1.92 -19.99	32.48 1.78 -10.75	29.59 1.72 -8.36	24.55 1.73 -1.78	23.36 1.70 -0.91	25.06 1.65 -2.83	28.53 1.64 -6.61	32.33 1.73 -10.53	35.12 1.58 -12.76	47.98 1.51 -27.14	67.64 1.84 -42.47	44.77 1.99 -17.30	35.18 1.70 -11.68	32.98 1.35 -11.70	24.04 1.37 -0.24	22.97 1.21 -0.24
ST LAWRENCE____ 23600	4.85 -0.35 5.14	2.50 -0.42 9.44	1.25 -0.46 11.80	1.50 -0.38 8.87	2.00 -0.41 9.36	1.00 -0.45 11.50	3.02 -0.73 14.58	7.84 -1.13 19.91	4.05 -0.83 15.75	3.76 -0.80 15.39	3.57 -0.78 15.15	10.86 -0.84 9.35	19.94 -0.81 0.00	19.76 -0.82 0.00	19.49 -0.79 0.00	19.29 -0.78 0.00	13.52 -0.83 6.42	10.89 -0.73 7.70	22.51 -0.82 0.00	24.56 -0.92 0.00	9.99 -0.83 10.97	8.73 -0.76 10.43	10.35 -0.81 11.27	9.90 -0.80 10.83
STATE_CA_115KV_115_LB 55624	25.21 0.31 -14.56	22.32 0.37 -9.59	20.90 0.42 -6.97	20.98 0.31 -9.92	22.27 0.35 -10.15	26.60 0.38 -13.27	42.18 0.57 -23.28	57.87 0.95 -28.05	40.96 0.72 -19.62	31.16 0.68 -10.53	28.41 0.72 -8.18	23.54 0.76 -1.74	22.43 0.79 -0.89	24.10 0.74 -2.77	27.47 0.73 -6.47	31.12 0.74 -10.30	34.07 0.79 -12.50	46.72 0.77 -26.61	65.85 0.93 -41.58	43.41 0.99 -16.94	34.09 0.85 -11.44	32.05 0.68 -11.45	23.40 0.74 -0.24	22.43 0.67 -0.24
STATE_ST_34_KV_LOAD 55959	13.70 0.29 -3.07	14.74 0.36 -2.02	15.37 0.39 -1.47	13.16 0.32 -2.09	14.28 0.36 -2.14	16.15 0.40 -2.80	23.86 0.62 -4.91	36.39 1.41 -6.11	25.78 0.99 -4.16	23.22 0.96 -2.31	22.26 0.94 -1.82	22.42 0.97 -0.41	21.86 0.91 -0.20	22.03 0.82 -0.62	22.63 0.89 -1.46	23.20 0.80 -2.33	24.41 0.87 -2.76	25.97 0.83 -5.81	33.49 0.91 -9.25	30.30 1.04 -3.77	25.20 0.92 -2.49	23.25 0.80 -2.53	23.15 0.67 -0.05	22.26 0.69 -0.05
STATION 5_MISC_HYD 23604	13.49 0.22 -2.94	14.57 0.27 -1.94	15.17 0.26 -1.41	12.97 0.21 -2.00	14.05 0.24 -2.05	15.89 0.26 -2.68	23.32 0.29 -4.70	35.12 0.40 -5.85	25.02 0.41 -3.98	22.50 0.34 -2.21	21.66 0.41 -1.75	21.92 0.48 -0.39	21.40 0.46 -0.19	21.67 0.49 -0.59	22.10 0.45 -1.37	22.71 0.44 -2.20	23.87 0.50 -2.60	25.17 0.37 -5.47	32.28 0.23 -8.72	29.54 0.51 -3.55	24.66 0.48 -2.38	22.72 0.38 -2.43	22.72 0.25 -0.05	21.92 0.34 -0.05
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	13.55 0.25 -2.96	14.62 0.31 -1.95	15.25 0.32 -1.42	13.03 0.27 -2.02	14.15 0.32 -2.06	16.00 0.35 -2.70	23.56 0.49 -4.74	35.51 0.75 -5.89	25.26 0.62 -4.01	22.70 0.52 -2.23	21.83 0.57 -1.76	22.05 0.61 -0.39	21.48 0.54 -0.19	21.84 0.66 -0.59	22.21 0.55 -1.38	22.84 0.56 -2.21	24.04 0.64 -2.62	25.38 0.54 -5.51	32.60 0.49 -8.78	29.80 0.74 -3.58	24.83 0.63 -2.40	22.90 0.54 -2.44	22.95 0.47 -0.05	22.09 0.52 -0.05
STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.48 0.22 -2.93	14.55 0.26 -1.93	15.16 0.24 -1.40	12.96 0.21 -2.00	14.06 0.25 -2.04	15.89 0.27 -2.67	23.34 0.33 -4.68	35.21 0.52 -5.82	25.11 0.52 -3.97	22.59 0.44 -2.20	21.73 0.49 -1.74	22.02 0.59 -0.38	21.44 0.50 -0.19	21.81 0.64 -0.58	22.17 0.53 -1.37	22.76 0.50 -2.19	23.95 0.58 -2.59	25.22 0.44 -5.45	32.36 0.35 -8.68	29.66 0.64 -3.54	24.73 0.57 -2.37	22.81 0.48 -2.41	22.77 0.29 -0.05	21.96 0.39 -0.05
STA_56___34_KV_BUS2 355983	13.48 0.22 -2.93	14.55 0.26 -1.93	15.16 0.24 -1.40	12.96 0.21 -2.00	14.06 0.25 -2.04	15.89 0.27 -2.67	23.34 0.33 -4.68	35.21 0.52 -5.82	25.11 0.52 -3.97	22.59 0.44 -2.20	21.73 0.49 -1.74	22.02 0.59 -0.38	21.44 0.50 -0.19	21.81 0.64 -0.58	22.17 0.53 -1.37	22.76 0.50 -2.19	23.95 0.58 -2.59	25.22 0.44 -5.45	32.36 0.35 -8.68	29.66 0.64 -3.54	24.73 0.57 -2.37	22.81 0.48 -2.41	22.77 0.29 -0.05	21.96 0.39 -0.05
STA_67___115KV_BK2 355882	13.47 0.20 -2.94	14.54 0.25 -1.94	15.15 0.23 -1.41	12.95 0.20 -2.00	14.04 0.22 -2.05	15.86 0.23 -2.68	23.27 0.24 -4.70	35.03 0.32 -5.84	24.96 0.35 -3.98	22.46 0.30 -2.21	21.60 0.35 -1.74	21.85 0.42 -0.39	21.29 0.35 -0.19	21.63 0.45 -0.59	22.04 0.39 -1.37	22.65 0.38 -2.20	23.81 0.44 -2.60	25.11 0.31 -5.47	32.21 0.16 -8.71	29.46 0.43 -3.55	24.59 0.41 -2.38	22.74 0.40 -2.42	22.68 0.20 -0.05	21.87 0.30 -0.05
STA_7___115KV_9TRANS 80674	13.54 0.26 -2.94	14.61 0.31 -1.94	15.22 0.30 -1.41	13.01 0.26 -2.00	14.11 0.29 -2.05	15.94 0.31 -2.68	23.40 0.37 -4.70	35.27 0.55 -5.85	25.14 0.54 -3.98	22.62 0.46 -2.21	21.78 0.53 -1.75	22.04 0.61 -0.39	21.46 0.52 -0.19	21.79 0.62 -0.59	22.20 0.55 -1.37	22.81 0.54 -2.20	23.98 0.60 -2.60	25.28 0.48 -5.47	32.42 0.37 -8.72	29.70 0.66 -3.55	24.79 0.61 -2.38	22.88 0.54 -2.43	22.84 0.36 -0.05	22.03 0.45 -0.05
STA_82___115KV_TB1 80780	13.49 0.21 -2.95	14.56 0.26 -1.94	15.16 0.24 -1.41	12.96 0.20 -2.01	14.06 0.24 -2.05	15.88 0.25 -2.69	23.30 0.26 -4.71	35.08 0.35 -5.86	24.99 0.37 -3.99	22.49 0.32 -2.22	21.62 0.37 -1.75	21.88 0.44 -0.39	21.31 0.37 -0.19	21.65 0.47 -0.59	22.06 0.41 -1.38	22.67 0.40 -2.20	23.84 0.46 -2.61	25.14 0.33 -5.49	32.26 0.19 -8.74	29.50 0.46 -3.56	24.64 0.46 -2.39	22.77 0.42 -2.43	22.70 0.22 -0.05	21.90 0.32 -0.05
STEEL___WIND 323596	13.78 0.02 -3.42	14.66 0.05 -2.25	15.16 0.01 -1.64	13.10 0.02 -2.33	14.16 0.01 -2.38	16.05 -0.01 -3.12	23.59 -0.20 -5.46	35.12 -0.55 -6.80	25.05 -0.21 -4.63	22.36 -0.16 -2.57	21.51 -0.02 -2.03	21.54 0.04 -0.45	20.99 0.02 -0.22	21.33 0.06 -0.68	21.92 0.04 -1.60	22.68 0.06 -2.55	23.88 0.08 -3.03	25.65 -0.04 -6.36	33.09 -0.37 -10.13	29.48 -0.13 -4.13	24.56 0.00 -2.77	22.70 -0.04 -2.82	22.51 0.02 -0.06	21.86 0.28 -0.06

STEPHTWN_115KV_BK_2 55603	25.15 0.37 -14.44	22.32 0.46 -9.51	20.92 0.50 -6.91	20.96 0.38 -9.84	22.26 0.42 -10.06	26.56 0.45 -13.16	42.13 0.71 -23.09	58.05 1.18 -28.00	41.00 0.91 -19.47	31.32 0.84 -10.53	28.55 0.84 -8.21	23.67 0.86 -1.76	22.53 0.89 -0.89	24.20 0.84 -2.77	27.57 0.81 -6.48	31.27 0.86 -10.33	34.14 0.89 -12.48	46.74 0.93 -26.48	66.02 1.14 -41.55	43.61 1.20 -16.93	34.24 1.02 -11.42	32.21 0.82 -11.47	23.56 0.90 -0.23	22.56 0.80 -0.23
STEBEN_REC_LFGE 323667	14.64 0.22 -4.08	15.32 0.27 -2.69	15.79 0.32 -1.95	13.80 0.27 -2.78	14.96 0.34 -2.84	17.06 0.39 -3.72	25.48 0.62 -6.53	37.82 0.84 -8.12	26.86 0.70 -5.53	23.66 0.64 -3.07	22.61 0.68 -2.42	22.32 0.74 -0.53	21.66 0.64 -0.26	22.19 0.78 -0.82	22.92 0.73 -1.91	23.86 0.74 -3.05	25.26 0.87 -3.61	27.72 0.79 -7.60	36.13 0.70 -12.10	31.36 0.94 -4.93	25.97 0.87 -3.31	24.00 0.72 -3.37	23.26 0.76 -0.07	22.47 0.88 -0.07
STILLWATER___SOLAR 323814	25.72 0.59 -14.80	22.82 0.72 -9.74	21.43 0.84 -7.08	21.48 0.64 -10.08	22.86 0.78 -10.31	27.31 0.87 -13.49	43.29 1.30 -23.67	59.47 2.11 -28.49	42.04 1.49 -19.93	32.04 1.40 -10.69	29.18 1.37 -8.31	24.22 1.41 -1.76	23.05 1.39 -0.90	24.76 1.36 -2.81	28.22 1.38 -6.57	31.94 1.40 -10.46	34.89 1.41 -12.70	47.74 1.37 -27.04	67.22 1.66 -42.24	44.47 1.78 -17.21	34.94 1.53 -11.62	32.82 1.27 -11.63	23.99 1.32 -0.24	22.97 1.21 -0.24
STONY___BROOK 24151	24.63 1.11 -13.18	22.11 1.31 -8.44	20.97 1.39 -6.06	21.81 1.12 -9.95	22.38 1.18 -9.43	26.82 1.31 -12.56	39.19 1.78 -19.09	56.51 3.00 -24.64	39.23 2.33 -16.27	31.53 2.11 -9.46	29.65 2.48 -7.67	27.49 2.80 -3.64	26.92 2.43 -3.74	27.88 2.72 -4.58	29.39 2.66 -6.45	32.09 2.41 -9.61	36.70 2.55 -13.37	58.38 2.36 -36.70	66.34 2.80 -40.21	66.47 3.06 -37.93	48.00 2.66 -23.55	36.70 2.49 -14.29	33.96 2.51 -9.02	26.14 2.41 -2.20
STURGEON_POOL_HYD 23609	22.99 0.60 -12.05	20.99 0.69 -7.93	20.01 0.73 -5.77	19.56 0.60 -8.21	20.78 0.61 -8.40	24.64 0.70 -10.99	38.72 1.12 -19.27	54.89 1.70 -24.31	38.14 1.15 -16.36	30.23 1.04 -9.24	28.18 1.35 -7.33	24.31 1.62 -1.64	23.01 1.47 -0.78	24.51 1.46 -2.46	27.39 1.36 -5.75	30.61 1.32 -9.21	32.93 1.35 -10.80	43.11 1.20 -22.58	61.14 1.52 -36.29	41.94 1.66 -14.80	33.09 1.39 -9.90	31.31 1.23 -10.16	24.17 1.55 -0.20	23.14 1.42 -0.20
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.67 0.64 -10.69	20.14 0.74 -7.04	19.41 0.78 -5.12	18.66 0.63 -7.28	19.88 0.66 -7.45	23.43 0.74 -9.74	36.59 1.17 -17.09	52.60 1.79 -21.94	36.42 1.24 -14.56	29.52 1.20 -8.37	27.56 1.37 -6.70	24.07 1.49 -1.53	22.91 1.45 -0.71	24.29 1.46 -2.24	26.96 1.44 -5.24	29.88 1.40 -8.41	31.94 1.43 -9.74	40.84 1.30 -20.22	57.75 1.59 -32.83	40.61 1.73 -13.40	32.20 1.48 -8.92	30.50 1.33 -9.24	24.10 1.50 -0.17	23.08 1.38 -0.17
SWANROAD_115KV_TB1 355699	13.53 -0.07 -3.26	14.47 -0.04 -2.15	14.96 -0.11 -1.56	12.90 -0.06 -2.22	13.96 -0.08 -2.27	15.78 -0.14 -2.97	22.95 -0.59 -5.21	34.14 -1.21 -6.48	24.34 -0.70 -4.42	21.79 -0.62 -2.45	20.97 -0.47 -1.94	21.03 -0.44 -0.43	20.40 -0.56 -0.21	20.89 -0.35 -0.65	21.40 -0.41 -1.52	22.06 -0.44 -2.44	23.24 -0.42 -2.89	24.84 -0.56 -6.07	31.97 -1.03 -9.67	28.68 -0.74 -3.94	23.96 -0.48 -2.64	22.23 -0.38 -2.69	21.88 -0.61 -0.05	21.26 -0.32 -0.05
SYNERGY___BIOGAS 323694	13.75 0.28 -3.13	14.78 0.36 -2.06	15.35 0.34 -1.50	13.18 0.30 -2.13	14.27 0.32 -2.18	16.13 0.32 -2.85	23.62 0.29 -5.00	35.36 0.26 -6.22	25.24 0.37 -4.24	22.63 0.32 -2.36	21.75 0.39 -1.86	21.94 0.48 -0.41	21.43 0.48 -0.20	21.73 0.51 -0.63	22.21 0.47 -1.46	22.87 0.46 -2.34	24.06 0.52 -2.77	25.50 0.35 -5.83	32.78 0.16 -9.28	29.85 0.59 -3.78	24.90 0.57 -2.54	22.90 0.40 -2.58	22.82 0.34 -0.05	22.07 0.50 -0.05
SYRACUSE___ENERGY_ST1 323597	13.27 0.20 -2.74	14.40 0.23 -1.80	15.09 0.27 -1.31	12.83 0.21 -1.86	13.92 0.25 -1.91	15.70 0.26 -2.49	23.10 0.40 -4.37	34.92 0.61 -5.44	24.76 0.43 -3.70	22.43 0.42 -2.06	21.50 0.37 -1.62	21.80 0.40 -0.36	21.30 0.37 -0.17	21.56 0.43 -0.54	21.92 0.37 -1.27	22.49 0.38 -2.04	23.62 0.44 -2.41	24.79 0.39 -5.07	31.83 0.42 -8.08	29.26 0.48 -3.29	24.42 0.41 -2.21	22.57 0.40 -2.26	22.92 0.45 -0.04	22.04 0.47 -0.04
SYRACUSE___ENERGY_ST2 323598	13.27 0.20 -2.74	14.40 0.23 -1.80	15.09 0.27 -1.31	12.83 0.21 -1.86	13.92 0.25 -1.91	15.70 0.26 -2.49	23.10 0.40 -4.37	34.92 0.61 -5.44	24.76 0.43 -3.70	22.43 0.42 -2.06	21.50 0.37 -1.62	21.80 0.40 -0.36	21.30 0.37 -0.17	21.56 0.43 -0.54	21.92 0.37 -1.27	22.49 0.38 -2.04	23.62 0.44 -2.41	24.79 0.39 -5.07	31.83 0.42 -8.08	29.26 0.48 -3.29	24.42 0.41 -2.21	22.57 0.40 -2.26	22.92 0.45 -0.04	22.04 0.47 -0.04
SYRACUSE___POWER 24017	13.23 0.14 -2.75	14.34 0.17 -1.81	15.03 0.20 -1.31	12.78 0.16 -1.87	13.87 0.19 -1.91	15.66 0.21 -2.50	23.05 0.33 -4.39	34.82 0.49 -5.46	24.69 0.35 -3.72	22.38 0.36 -2.07	21.44 0.31 -1.63	21.72 0.32 -0.36	21.24 0.31 -0.17	21.49 0.35 -0.55	21.86 0.30 -1.28	22.42 0.30 -2.05	23.55 0.35 -2.43	24.76 0.33 -5.10	31.78 0.33 -8.12	29.17 0.38 -3.31	24.37 0.35 -2.22	22.50 0.32 -2.26	22.83 0.36 -0.04	21.94 0.37 -0.04
TALLMAN__138KV_BK151 55660	21.95 0.70 -10.92	20.36 0.82 -7.19	19.59 0.85 -5.22	18.87 0.69 -7.44	20.09 0.72 -7.61	23.72 0.82 -9.95	37.06 1.28 -17.45	53.32 2.02 -22.43	36.87 1.38 -14.87	29.87 1.36 -8.56	27.89 1.54 -6.85	24.30 1.68 -1.57	23.12 1.64 -0.73	24.50 1.63 -2.29	27.24 1.60 -5.36	30.24 1.57 -8.60	32.35 1.62 -9.95	41.42 1.43 -20.66	58.65 1.75 -33.57	41.07 1.89 -13.70	32.57 1.66 -9.12	30.87 1.49 -9.45	24.27 1.66 -0.18	23.21 1.51 -0.18
TEALLAVE_115KV_TB7 355573	12.95 0.10 -2.51	14.14 0.12 -1.66	14.86 0.15 -1.20	12.58 0.12 -1.71	13.66 0.14 -1.75	15.38 0.14 -2.29	22.59 0.24 -4.02	34.22 0.35 -5.00	24.30 0.27 -3.41	22.10 0.26 -1.89	21.21 0.21 -1.49	21.59 0.21 -0.33	21.12 0.21 -0.16	21.36 0.27 -0.50	21.65 0.20 -1.17	22.15 0.20 -1.87	23.22 0.23 -2.22	24.21 0.21 -4.67	30.96 0.19 -7.44	28.74 0.23 -3.03	24.05 0.22 -2.04	22.21 0.22 -2.07	22.72 0.25 -0.04	21.85 0.28 -0.04
TELEGRAPH_34_KV_EAST 80808	13.66 0.14 -3.18	14.65 0.20 -2.09	15.19 0.16 -1.52	13.06 0.15 -2.16	14.15 0.16 -2.21	15.99 0.14 -2.89	23.31 -0.09 -5.07	34.87 -0.32 -6.31	24.86 -0.06 -4.30	22.28 -0.06 -2.39	21.47 0.08 -1.88	21.59 0.13 -0.42	20.97 0.02 -0.20	21.47 0.25 -0.63	21.90 0.14 -1.48	22.56 0.12 -2.37	23.75 0.17 -2.81	25.24 0.00 -5.91	32.44 -0.30 -9.41	29.34 0.03 -3.84	24.50 0.13 -2.57	22.68 0.14 -2.62	22.46 -0.02 -0.05	21.75 0.17 -0.05
TEMPLE___115KV_TB 2 55572	12.99 0.11 -2.54	14.17 0.14 -1.67	14.89 0.16 -1.21	12.60 0.13 -1.73	13.69 0.15 -1.77	15.42 0.16 -2.31	22.64 0.26 -4.05	34.29 0.38 -5.04	24.35 0.29 -3.43	22.14 0.28 -1.91	21.24 0.23 -1.50	21.63 0.25 -0.33	21.16 0.25 -0.16	21.38 0.29 -0.51	21.70 0.24 -1.18	22.20 0.24 -1.89	23.28 0.27 -2.24	24.27 0.23 -4.71	31.04 0.21 -7.50	28.79 0.25 -3.06	24.09 0.24 -2.05	22.25 0.24 -2.09	22.74 0.27 -0.04	21.87 0.30 -0.04

TIANA___69_KV_BK 1 55817	24.76 1.24 -13.18	22.26 1.47 -8.43	21.16 1.59 -6.05	21.95 1.27 -9.93	22.49 1.29 -9.42	26.97 1.46 -12.56	39.41 2.00 -19.09	56.94 3.44 -24.64	39.54 2.64 -16.27	32.04 2.63 -9.46	29.93 2.77 -7.66	27.71 3.03 -3.64	27.70 3.22 -3.73	27.83 2.68 -4.57	29.56 2.90 -6.38	32.33 2.67 -9.59	36.74 2.93 -13.04	56.80 2.67 -34.80	66.24 3.15 -39.76	63.79 3.47 -34.85	46.51 2.99 -21.72	36.38 2.69 -13.77	33.61 2.80 -8.38	26.38 2.65 -2.20
TILDEN___115KV_TB1 80814	13.23 0.14 -2.75	14.34 0.17 -1.81	15.03 0.20 -1.31	12.78 0.16 -1.87	13.87 0.19 -1.91	15.66 0.21 -2.50	23.05 0.33 -4.39	34.82 0.49 -5.46	24.69 0.35 -3.72	22.38 0.36 -2.07	21.44 0.31 -1.63	21.72 0.32 -0.36	21.24 0.31 -0.17	21.49 0.35 -0.55	21.86 0.30 -1.28	22.42 0.30 -2.05	23.55 0.35 -2.43	24.76 0.33 -5.10	31.78 0.33 -8.12	29.17 0.38 -3.31	24.37 0.35 -2.22	22.50 0.32 -2.26	22.83 0.36 -0.04	21.94 0.37 -0.04
TRIGEN___CC 323695	24.43 0.91 -13.18	21.86 1.08 -8.43	20.64 1.12 -6.01	21.55 0.91 -9.89	22.15 0.95 -9.42	26.58 1.07 -12.56	38.99 1.58 -19.09	56.08 2.57 -24.64	38.75 1.86 -16.27	31.22 1.86 -9.41	29.08 2.03 -7.54	26.85 2.21 -3.60	26.66 2.22 -3.69	27.19 2.08 -4.53	28.31 2.13 -5.90	31.51 1.97 -9.47	33.81 2.10 -10.94	43.96 1.93 -22.69	62.56 2.33 -36.90	43.14 2.52 -15.14	34.04 2.18 -10.06	32.31 1.97 -10.42	28.85 2.15 -4.27	25.69 1.96 -2.20
TRINITY___115KV___4 BK 55933	25.11 0.29 -14.48	22.24 0.35 -9.53	20.82 0.38 -6.93	20.90 0.29 -9.87	22.19 0.33 -10.09	26.51 0.36 -13.20	42.01 0.53 -23.15	57.72 0.90 -27.96	40.82 0.68 -19.51	31.09 0.64 -10.50	28.36 0.68 -8.17	23.50 0.72 -1.74	22.39 0.75 -0.89	24.03 0.68 -2.76	27.42 0.69 -6.45	31.06 0.70 -10.29	33.96 0.73 -12.46	46.54 0.72 -26.50	65.68 0.89 -41.46	43.31 0.94 -16.89	34.01 0.81 -11.40	31.99 0.64 -11.43	23.36 0.70 -0.23	22.38 0.62 -0.23
UNION___PROCESSING_DRP 323587	13.49 0.21 -2.95	14.56 0.26 -1.94	15.17 0.24 -1.41	12.97 0.21 -2.01	14.06 0.24 -2.06	15.89 0.25 -2.69	23.32 0.27 -4.72	35.11 0.38 -5.86	25.01 0.39 -3.99	22.49 0.32 -2.22	21.64 0.39 -1.75	21.90 0.46 -0.39	21.33 0.39 -0.19	21.67 0.49 -0.59	22.08 0.43 -1.38	22.67 0.40 -2.20	23.84 0.46 -2.61	25.17 0.35 -5.49	32.28 0.21 -8.74	29.53 0.48 -3.56	24.64 0.46 -2.39	22.77 0.42 -2.43	22.70 0.22 -0.05	21.92 0.34 -0.05
UPPER HUDSON___HYD 24058	25.77 0.60 -14.83	22.86 0.73 -9.77	21.54 0.93 -7.10	21.56 0.71 -10.11	23.03 0.92 -10.34	27.53 1.06 -13.52	43.71 1.67 -23.72	60.19 2.69 -28.63	42.53 1.92 -19.99	32.48 1.78 -10.75	29.59 1.72 -8.36	24.55 1.73 -1.78	23.32 1.66 -0.91	25.10 1.69 -2.83	28.53 1.64 -6.61	32.33 1.73 -10.53	35.11 1.58 -12.76	47.98 1.51 -27.14	67.64 1.84 -42.47	44.77 1.99 -17.30	35.20 1.72 -11.68	33.02 1.39 -11.70	24.04 1.37 -0.24	22.97 1.20 -0.24
UPPER RAQUET___HYD 24056	6.36 -0.44 3.53	4.85 -0.54 6.97	4.08 -0.58 8.85	3.76 -0.46 6.52	4.37 -0.51 6.89	3.90 -0.61 8.44	7.18 -1.12 10.03	15.21 -1.82 11.85	9.60 -1.44 9.58	8.98 -1.36 9.61	7.32 -1.42 10.76	12.40 -1.54 7.11	19.28 -1.49 -0.03	19.06 -1.61 -0.08	18.93 -1.54 -0.19	18.89 -1.48 -0.30	14.65 -1.56 4.56	12.86 -1.32 5.15	23.18 -1.35 -1.20	24.36 -1.60 -0.49	12.20 -1.48 8.11	10.96 -1.28 7.69	12.66 -1.12 8.65	12.22 -0.99 8.31
VALLEY44_115KV_TB2 355964	13.78 -0.18 -3.62	14.56 -0.19 -2.38	15.01 -0.23 -1.73	13.03 -0.18 -2.46	14.10 -0.19 -2.52	16.01 -0.23 -3.30	23.67 -0.44 -5.78	35.25 -0.81 -7.19	25.09 -0.43 -4.90	22.27 -0.40 -2.72	21.40 -0.25 -2.15	21.29 -0.23 -0.47	20.67 -0.31 -0.23	21.12 -0.19 -0.72	21.74 -0.22 -1.69	22.57 -0.20 -2.70	23.83 -0.15 -3.20	25.84 -0.21 -6.73	33.53 -0.51 -10.72	29.49 -0.36 -4.37	24.51 -0.22 -2.93	22.70 -0.20 -2.98	22.62 0.13 -0.06	21.99 0.41 -0.06
VALLEY___115KV_TB 1-4 80826	11.14 0.21 -0.60	13.36 0.25 -0.75	14.62 0.27 -0.84	11.69 0.21 -0.73	12.78 0.25 -0.76	14.20 0.30 -0.95	20.12 0.46 -1.34	31.25 0.61 -1.77	22.37 0.41 -1.33	21.49 0.40 -1.13	20.97 0.39 -1.07	22.06 0.42 -0.59	21.19 0.42 -0.02	21.16 0.51 -0.06	20.82 0.41 -0.14	20.65 0.36 -0.22	21.77 0.35 -0.64	20.66 0.33 -1.01	24.60 0.40 -0.87	26.24 0.41 -0.36	23.03 0.33 -0.90	21.09 0.30 -0.87	23.54 0.43 -0.69	22.62 0.43 -0.66
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.22 0.64 -7.24	17.89 0.77 -4.77	17.83 0.85 -3.47	16.35 0.67 -4.93	17.56 0.74 -5.05	20.37 0.82 -6.60	31.17 1.26 -11.58	45.35 2.08 -14.40	31.90 1.46 -9.81	26.78 1.38 -5.45	25.20 1.40 -4.30	23.53 1.54 -0.95	22.67 1.45 -0.46	23.47 1.44 -1.45	25.08 1.42 -3.38	26.90 1.42 -5.41	28.67 1.50 -6.40	34.24 1.45 -13.46	46.53 1.75 -21.45	36.14 1.91 -8.75	29.27 1.61 -5.86	27.27 1.37 -5.97	24.00 1.46 -0.12	23.02 1.38 -0.12
VISCHER___FERRY HYD 24020	25.49 0.49 -14.67	22.60 0.58 -9.66	21.18 0.65 -7.02	21.24 0.51 -9.99	22.58 0.59 -10.22	26.99 0.67 -13.37	42.75 0.97 -23.45	58.38 1.53 -27.98	41.44 1.09 -19.73	31.44 1.02 -10.47	28.66 1.05 -8.10	23.86 1.11 -1.70	22.71 1.08 -0.88	24.44 1.11 -2.75	27.79 1.09 -6.41	31.38 1.10 -10.21	34.40 1.14 -12.48	47.08 1.08 -26.67	66.06 1.31 -41.42	43.75 1.40 -16.87	34.41 1.20 -11.42	32.32 1.04 -11.37	23.76 1.10 -0.24	22.75 0.99 -0.24
V_A_10_SYNC_DSASP 323832	13.51 0.07 -3.10	14.51 0.11 -2.04	15.06 0.07 -1.48	12.92 0.06 -2.11	13.99 0.06 -2.16	15.84 0.07 -2.82	23.19 -0.09 -4.95	34.62 -0.40 -6.15	24.67 -0.14 -4.19	22.16 -0.12 -2.33	21.30 -0.04 -1.84	21.47 0.02 -0.41	20.95 0.00 -0.20	21.23 0.02 -0.62	21.74 0.02 -1.45	22.38 0.00 -2.31	23.55 0.04 -2.74	25.01 -0.08 -5.76	32.09 -0.42 -9.17	29.07 -0.15 -3.74	24.28 -0.02 -2.51	22.43 -0.04 -2.55	22.28 -0.20 -0.05	21.55 -0.02 -0.05
V_CMM_10_SYNC_DSASP 323787	4.88 -0.32 5.14	2.54 -0.38 9.44	1.29 -0.42 11.80	1.53 -0.34 8.87	2.04 -0.38 9.36	1.04 -0.41 11.50	3.07 -0.68 14.58	7.92 -1.04 19.91	4.11 -0.76 15.75	3.85 -0.72 15.39	3.65 -0.70 15.15	10.92 -0.78 9.35	20.01 -0.75 0.00	19.83 -0.76 0.00	19.55 -0.73 0.00	19.35 -0.72 0.00	13.59 -0.77 6.42	10.93 -0.70 7.70	22.58 -0.75 0.00	24.61 -0.87 0.00	10.06 -0.76 10.97	8.79 -0.70 10.43	10.40 -0.76 11.27	9.97 -0.73 10.83
V_CMP_10_SYNC_DSASP 323788	4.87 -0.39 5.07	2.50 -0.54 9.32	1.12 -0.74 11.65	1.41 -0.58 8.76	1.88 -0.65 9.24	0.81 -0.79 11.35	-0.12 -1.32 17.12	-6.87 -1.88 33.87	-6.93 -1.40 26.15	-6.93 -1.44 25.45	-0.15 -1.33 18.32	10.51 -1.30 9.23	19.22 -1.54 0.00	19.17 -1.42 0.00	18.96 -1.32 0.00	18.81 -1.26 0.00	13.13 -1.31 6.34	10.60 -1.12 7.60	22.54 -0.79 0.00	24.41 -1.07 0.00	10.02 -0.83 10.95	8.70 -0.82 10.40	10.18 -1.01 11.24	9.69 -1.03 10.80
V_E_10_SYNC_DSASP 323830	16.45 0.75 -5.36	16.80 0.91 -3.53	17.09 1.01 -2.56	15.20 0.81 -3.65	16.45 0.94 -3.73	18.92 1.09 -4.88	28.64 1.74 -8.57	42.47 2.95 -10.65	29.86 1.98 -7.26	25.80 1.82 -4.03	24.28 1.60 -3.18	23.48 1.73 -0.70	22.75 1.66 -0.34	23.26 1.61 -1.07	24.32 1.54 -2.50	25.72 1.65 -4.00	27.30 1.79 -4.74	31.17 1.87 -9.97	41.57 2.36 -15.88	34.48 2.52 -6.48	28.12 1.98 -4.34	26.01 1.67 -4.42	24.31 1.79 -0.09	23.34 1.72 -0.09

V_F_30_NSYNC___DSASP 323816	25.76 0.61 -14.81	22.86 0.74 -9.75	21.45 0.85 -7.09	21.50 0.66 -10.09	22.87 0.78 -10.32	27.34 0.88 -13.50	43.35 1.34 -23.69	59.56 2.14 -28.55	42.11 1.53 -19.96	32.09 1.42 -10.72	29.24 1.41 -8.33	24.25 1.43 -1.77	23.05 1.39 -0.91	24.83 1.42 -2.82	28.26 1.40 -6.58	32.01 1.45 -10.50	34.96 1.45 -12.73	47.83 1.41 -27.09	67.37 1.70 -42.34	44.54 1.81 -17.25	35.01 1.57 -11.65	32.90 1.31 -11.66	24.04 1.37 -0.24	22.99 1.23 -0.24
V_F_30_SYNC_DSASP 323786	25.20 0.31 -14.55	22.31 0.37 -9.58	20.90 0.42 -6.97	20.98 0.31 -9.92	22.27 0.35 -10.14	26.59 0.38 -13.27	42.17 0.57 -23.27	57.86 0.95 -28.04	40.95 0.72 -19.61	31.15 0.68 -10.52	28.40 0.72 -8.18	23.54 0.76 -1.74	22.43 0.79 -0.89	24.10 0.74 -2.77	27.47 0.73 -6.46	31.11 0.74 -10.30	34.04 0.77 -12.50	46.71 0.77 -26.60	65.83 0.93 -41.57	43.41 0.99 -16.93	34.08 0.85 -11.44	32.05 0.68 -11.45	23.40 0.74 -0.24	22.43 0.67 -0.24
V_XM_10_SYNC_DSASP 323789	4.87 -0.39 5.07	2.50 -0.54 9.32	1.12 -0.74 11.65	1.41 -0.58 8.76	1.88 -0.65 9.24	0.81 -0.79 11.35	-0.12 -1.32 17.12	-6.87 -1.88 33.87	-6.93 -1.40 26.15	-6.93 -1.44 25.45	-0.15 -1.33 18.32	10.51 -1.30 9.23	19.22 -1.54 0.00	19.17 -1.42 0.00	18.96 -1.32 0.00	18.81 -1.26 0.00	13.13 -1.31 6.34	10.60 -1.12 7.60	22.54 -0.79 0.00	24.41 -1.07 0.00	10.02 -0.83 10.95	8.70 -0.82 10.40	10.18 -1.01 11.24	9.69 -1.03 10.80
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.99 0.71 -10.94	20.40 0.84 -7.20	19.62 0.88 -5.24	18.91 0.71 -7.45	20.13 0.74 -7.62	23.76 0.84 -9.97	37.14 1.32 -17.49	53.43 2.08 -22.48	36.93 1.40 -14.90	29.91 1.38 -8.58	27.95 1.58 -6.86	24.32 1.70 -1.57	23.16 1.68 -0.73	24.55 1.67 -2.29	27.29 1.64 -5.37	30.30 1.61 -8.62	32.39 1.64 -9.97	41.50 1.47 -20.70	58.77 1.80 -33.64	41.15 1.94 -13.73	32.64 1.70 -9.14	30.93 1.53 -9.47	24.31 1.70 -0.18	23.25 1.55 -0.18
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.12 0.85 -11.94	21.21 0.99 -7.86	20.25 1.03 -5.72	19.71 0.83 -8.14	20.94 0.85 -8.32	24.81 0.97 -10.88	38.96 1.54 -19.09	56.05 2.54 -24.64	38.74 1.84 -16.28	31.14 1.78 -9.42	33.25 1.95 -11.80	32.89 2.13 -9.72	31.36 2.08 -8.54	33.20 2.06 -10.56	34.78 2.03 -12.47	34.36 1.97 -12.33	33.76 2.04 -10.95	53.74 1.89 -32.52	66.51 2.29 -40.90	43.03 2.47 -15.08	33.91 2.09 -10.02	32.21 1.87 -10.42	24.70 2.06 -0.21	23.61 1.89 -0.19
W50THST__13_KV_LOAD 356117	23.18 0.90 -11.94	21.27 1.05 -7.86	20.32 1.09 -5.72	19.76 0.88 -8.14	21.00 0.91 -8.32	24.86 1.02 -10.88	39.07 1.65 -19.09	56.20 2.69 -24.64	38.86 1.96 -16.28	31.26 1.90 -9.42	33.37 2.07 -11.80	33.02 2.25 -9.72	31.49 2.20 -8.54	33.33 2.18 -10.56	34.92 2.17 -12.47	34.49 2.09 -12.33	33.90 2.18 -10.95	53.88 2.03 -32.52	66.65 2.43 -40.90	43.18 2.62 -15.08	34.02 2.20 -10.02	32.31 1.97 -10.42	24.84 2.20 -0.21	23.72 2.00 -0.19
WADING RIVER_IC_1 23522	24.68 1.16 -13.18	22.17 1.37 -8.44	21.06 1.49 -6.06	21.87 1.18 -9.94	22.43 1.22 -9.43	26.87 1.36 -12.56	39.27 1.85 -19.09	56.65 3.15 -24.64	39.31 2.41 -16.27	31.56 2.16 -9.46	29.69 2.53 -7.66	27.55 2.86 -3.64	26.97 2.49 -3.73	27.94 2.78 -4.57	29.35 2.70 -6.38	32.11 2.45 -9.59	36.48 2.66 -13.05	56.60 2.44 -34.84	65.99 2.89 -39.77	63.57 3.18 -34.91	46.30 2.75 -21.76	36.27 2.57 -13.78	33.42 2.60 -8.39	26.23 2.50 -2.20
WADING RIVER_IC_2 23547	24.68 1.16 -13.18	22.17 1.37 -8.44	21.06 1.49 -6.06	21.87 1.18 -9.94	22.43 1.22 -9.43	26.87 1.36 -12.56	39.27 1.85 -19.09	56.65 3.15 -24.64	39.31 2.41 -16.27	31.56 2.16 -9.46	29.69 2.53 -7.66	27.55 2.86 -3.64	26.97 2.49 -3.73	27.94 2.78 -4.57	29.35 2.70 -6.38	32.11 2.45 -9.59	36.48 2.66 -13.05	56.60 2.44 -34.84	65.99 2.89 -39.77	63.57 3.18 -34.91	46.30 2.75 -21.76	36.27 2.57 -13.78	33.42 2.60 -8.39	26.23 2.50 -2.20
WADING RIVER_IC_3 23601	24.68 1.16 -13.18	22.17 1.37 -8.44	21.06 1.49 -6.06	21.87 1.18 -9.94	22.43 1.22 -9.43	26.87 1.36 -12.56	39.27 1.85 -19.09	56.65 3.15 -24.64	39.31 2.41 -16.27	31.56 2.16 -9.46	29.69 2.53 -7.66	27.55 2.86 -3.64	26.97 2.49 -3.73	27.94 2.78 -4.57	29.35 2.70 -6.38	32.11 2.45 -9.59	36.48 2.66 -13.05	56.60 2.44 -34.84	65.99 2.89 -39.77	63.57 3.18 -34.91	46.30 2.75 -21.76	36.27 2.57 -13.78	33.42 2.60 -8.39	26.23 2.50 -2.20
WALDENNY_12_KV_BK2 80841	13.78 0.04 -3.40	14.67 0.07 -2.24	15.18 0.04 -1.63	13.10 0.03 -2.32	14.18 0.04 -2.37	16.05 0.00 -3.10	23.54 -0.22 -5.44	35.09 -0.55 -6.76	25.03 -0.21 -4.61	22.35 -0.16 -2.56	21.52 0.00 -2.02	21.56 0.06 -0.45	20.91 -0.06 -0.22	21.39 0.12 -0.68	21.93 0.06 -1.59	22.67 0.06 -2.54	23.87 0.08 -3.01	25.62 -0.04 -6.33	33.04 -0.37 -10.08	29.46 -0.13 -4.11	24.55 0.00 -2.76	22.76 0.04 -2.81	22.48 0.00 -0.06	21.84 0.26 -0.06
WALDEN___HYDRO 24148	22.26 0.66 -11.26	20.54 0.77 -7.41	19.71 0.81 -5.39	19.07 0.66 -7.67	20.31 0.69 -7.84	23.99 0.78 -10.26	37.56 1.23 -18.00	53.83 1.93 -23.02	37.27 1.32 -15.32	29.94 1.22 -8.78	27.91 1.41 -7.01	24.18 1.54 -1.59	22.97 1.47 -0.74	24.41 1.48 -2.34	27.24 1.48 -5.49	30.36 1.49 -8.80	32.49 1.50 -10.22	41.95 1.37 -21.25	59.48 1.73 -34.43	41.41 1.89 -14.05	32.75 1.59 -9.36	31.03 1.43 -9.68	24.16 1.55 -0.18	23.13 1.42 -0.18
WARRENSBURG____ 23737	25.77 0.60 -14.83	22.86 0.73 -9.77	21.54 0.93 -7.10	21.56 0.71 -10.11	23.03 0.92 -10.34	27.53 1.06 -13.52	43.71 1.67 -23.72	60.19 2.69 -28.63	42.53 1.92 -19.99	32.48 1.78 -10.75	29.59 1.72 -8.36	24.55 1.73 -1.78	23.32 1.66 -0.91	25.10 1.69 -2.83	28.53 1.64 -6.61	32.33 1.73 -10.53	35.11 1.58 -12.76	47.98 1.51 -27.14	67.64 1.84 -42.47	44.77 1.99 -17.30	35.20 1.72 -11.68	33.02 1.39 -11.70	24.04 1.37 -0.24	22.97 1.20 -0.24
WATERSIDE___6 8 9 23538	23.15 0.87 -11.94	21.24 1.01 -7.86	20.27 1.04 -5.72	19.72 0.84 -8.14	20.93 0.84 -8.32	24.77 0.93 -10.88	38.83 1.41 -19.09	55.82 2.31 -24.64	38.61 1.71 -16.28	31.00 1.64 -9.42	33.32 1.85 -11.97	33.10 2.02 -10.03	31.56 1.97 -8.83	33.39 1.94 -10.87	34.95 1.95 -12.73	34.40 1.89 -12.44	33.63 1.91 -10.95	53.99 1.76 -32.90	66.53 2.15 -41.06	42.88 2.32 -15.08	33.80 1.98 -10.02	32.15 1.81 -10.42	24.68 2.04 -0.21	23.63 1.92 -0.19
WATKINRD_115KV_LN8_ILLION 55919	11.10 0.17 -0.60	13.31 0.20 -0.75	14.57 0.22 -0.84	11.65 0.17 -0.73	12.73 0.20 -0.76	14.13 0.23 -0.95	20.03 0.37 -1.34	31.13 0.49 -1.77	22.31 0.35 -1.33	21.41 0.32 -1.13	20.87 0.29 -1.07	21.98 0.34 -0.59	21.10 0.33 -0.02	21.04 0.39 -0.06	20.74 0.32 -0.14	20.59 0.30 -0.22	21.73 0.31 -0.64	20.62 0.29 -1.01	24.56 0.35 -0.87	26.22 0.38 -0.36	23.00 0.31 -0.90	21.07 0.28 -0.87	23.47 0.36 -0.69	22.55 0.37 -0.66
WATSON___69_KV_BK 1 55734	24.75 1.23 -13.18	22.25 1.46 -8.43	20.93 1.39 -6.02	21.81 1.16 -9.90	22.49 1.29 -9.42	26.97 1.46 -12.56	39.45 2.03 -19.09	56.83 3.32 -24.64	39.39 2.50 -16.27	31.81 2.43 -9.43	29.31 2.22 -7.58	27.25 2.59 -3.61	27.28 2.82 -3.71	27.48 2.35 -4.54	28.66 2.31 -6.07	31.67 2.09 -9.52	34.77 2.31 -11.69	48.48 2.11 -27.04	63.75 2.50 -37.93	50.45 2.75 -22.21	38.44 2.40 -14.25	33.73 2.19 -11.62	30.51 2.33 -5.74	26.38 2.65 -2.20

WDELAWARE___HYD 323627	21.46 0.72 -10.40	20.05 0.84 -6.85	19.38 0.89 -4.98	18.57 0.73 -7.09	19.78 0.76 -7.25	23.30 0.87 -9.48	36.34 1.38 -16.63	51.98 1.99 -21.12	36.12 1.36 -14.14	29.25 1.26 -8.04	27.28 1.38 -6.40	24.03 1.54 -1.44	22.97 1.54 -0.68	24.19 1.46 -2.14	26.77 1.48 -5.01	29.59 1.49 -8.04	31.67 1.52 -9.38	40.28 1.39 -19.56	56.65 1.77 -31.55	40.29 1.94 -12.87	32.00 1.61 -8.59	30.22 1.45 -8.85	24.26 1.66 -0.17	23.22 1.53 -0.17
WEST BABYLON___IC 23714	24.68 1.16 -13.18	22.16 1.37 -8.43	20.91 1.39 -6.01	21.77 1.13 -9.89	22.41 1.21 -9.42	26.88 1.37 -12.56	39.32 1.91 -19.09	56.62 3.12 -24.64	39.25 2.35 -16.27	31.68 2.31 -9.42	29.38 2.32 -7.55	27.28 2.63 -3.60	27.19 2.74 -3.69	27.51 2.39 -4.53	28.68 2.45 -5.94	31.78 2.23 -9.48	34.34 2.43 -11.13	45.38 2.22 -23.83	63.13 2.64 -37.17	45.37 2.90 -16.98	35.48 2.53 -11.16	32.94 2.29 -10.73	29.55 2.47 -4.65	26.23 2.50 -2.20
WEST CANADA___HYD 24049	10.98 0.04 -0.60	13.16 0.05 -0.75	14.42 0.07 -0.84	11.53 0.05 -0.73	12.59 0.06 -0.76	13.97 0.07 -0.95	19.77 0.11 -1.34	30.81 0.17 -1.77	22.08 0.12 -1.33	21.21 0.12 -1.13	20.68 0.10 -1.07	21.75 0.11 -0.59	20.90 0.13 -0.02	20.77 0.12 -0.06	20.54 0.12 -0.14	20.41 0.12 -0.22	21.54 0.13 -0.64	20.45 0.12 -1.01	24.32 0.12 -0.87	25.96 0.13 -0.36	22.81 0.11 -0.90	20.89 0.10 -0.87	23.23 0.11 -0.69	22.29 0.11 -0.66
WESTERN_NY_WIND 24143	13.75 0.27 -3.15	14.78 0.35 -2.07	15.34 0.32 -1.51	13.18 0.29 -2.15	14.28 0.32 -2.19	16.13 0.31 -2.87	23.58 0.22 -5.03	35.33 0.20 -6.26	25.22 0.33 -4.26	22.56 0.24 -2.37	21.74 0.37 -1.87	21.90 0.44 -0.41	21.28 0.33 -0.20	21.77 0.56 -0.63	22.17 0.43 -1.47	22.84 0.42 -2.35	24.06 0.50 -2.79	25.50 0.31 -5.86	32.78 0.12 -9.33	29.82 0.54 -3.81	24.87 0.52 -2.55	22.97 0.46 -2.60	22.77 0.29 -0.05	22.05 0.47 -0.05
WESTOVER___LESR 323668	15.95 0.30 -5.31	16.22 0.36 -3.50	16.45 0.39 -2.54	14.68 0.31 -3.62	15.83 0.35 -3.70	18.17 0.38 -4.84	27.39 0.57 -8.50	40.30 0.87 -10.56	28.44 0.62 -7.20	24.55 0.60 -4.00	23.30 0.64 -3.15	22.44 0.69 -0.70	21.73 0.64 -0.34	22.35 0.70 -1.06	23.41 0.65 -2.48	24.70 0.66 -3.97	26.18 0.71 -4.70	29.85 0.64 -9.88	39.75 0.68 -15.74	32.71 0.82 -6.42	26.82 0.72 -4.30	24.94 0.64 -4.38	23.25 0.74 -0.09	22.39 0.77 -0.09
WETHRSFD_WT_PWR 323626	14.02 0.00 -3.69	14.81 0.02 -2.43	15.29 0.01 -1.77	13.28 0.02 -2.51	14.36 0.02 -2.57	16.32 0.01 -3.36	24.15 -0.07 -5.90	35.83 -0.38 -7.33	25.56 -0.06 -4.99	22.69 -0.04 -2.77	21.75 0.06 -2.19	21.66 0.13 -0.48	21.09 0.10 -0.24	21.45 0.12 -0.74	22.10 0.10 -1.72	22.94 0.12 -2.75	24.20 0.17 -3.26	26.27 0.08 -6.86	34.05 -0.21 -10.93	29.99 0.05 -4.46	24.91 0.13 -2.99	23.02 0.06 -3.04	22.56 0.07 -0.06	21.84 0.26 -0.06
WHAVSTOR_138KV_BK127 55557	21.96 0.68 -10.94	20.37 0.80 -7.20	19.59 0.84 -5.24	18.88 0.68 -7.46	20.10 0.71 -7.63	23.73 0.80 -9.97	37.07 1.25 -17.50	53.32 1.96 -22.49	36.85 1.32 -14.90	29.85 1.32 -8.58	27.87 1.50 -6.87	24.26 1.64 -1.57	23.08 1.60 -0.73	24.47 1.59 -2.30	27.23 1.58 -5.37	30.22 1.53 -8.63	32.31 1.56 -9.98	41.43 1.39 -20.71	58.67 1.68 -33.66	41.03 1.81 -13.74	32.53 1.59 -9.15	30.85 1.45 -9.48	24.24 1.64 -0.18	23.19 1.49 -0.18
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.96 0.68 -10.94	20.37 0.80 -7.20	19.59 0.84 -5.24	18.88 0.68 -7.46	20.10 0.71 -7.63	23.73 0.80 -9.97	37.07 1.25 -17.50	53.32 1.96 -22.49	36.85 1.32 -14.90	29.85 1.32 -8.58	27.87 1.50 -6.87	24.26 1.64 -1.57	23.08 1.60 -0.73	24.47 1.59 -2.30	27.23 1.58 -5.37	30.22 1.53 -8.63	32.31 1.56 -9.98	41.43 1.39 -20.71	58.67 1.68 -33.66	41.03 1.81 -13.74	32.53 1.59 -9.15	30.85 1.45 -9.48	24.24 1.64 -0.18	23.19 1.49 -0.18
WHITEHAL_115KV_TB1 80871	26.01 0.85 -14.83	23.15 1.03 -9.76	21.86 1.26 -7.10	21.79 0.95 -10.10	23.30 1.20 -10.33	27.84 1.37 -13.51	44.18 2.14 -23.71	61.02 3.55 -28.60	43.12 2.52 -19.98	33.00 2.31 -10.74	30.04 2.18 -8.35	25.01 2.19 -1.78	23.73 2.08 -0.91	25.35 1.94 -2.82	28.88 2.01 -6.60	32.72 2.13 -10.52	35.56 2.04 -12.75	48.46 2.01 -27.12	68.19 2.45 -42.41	45.48 2.73 -17.28	35.79 2.33 -11.67	33.48 1.87 -11.69	24.53 1.86 -0.24	23.40 1.64 -0.24
WHITEPLN_13_KV_LOAD 356215	23.08 0.82 -11.92	21.15 0.94 -7.85	20.20 0.99 -5.71	19.67 0.80 -8.12	20.90 0.82 -8.31	24.78 0.96 -10.87	38.91 1.52 -19.07	55.85 2.37 -24.61	38.59 1.71 -16.25	31.01 1.66 -9.40	28.87 1.83 -7.53	24.76 1.98 -1.73	23.48 1.93 -0.80	25.10 2.00 -2.52	28.06 1.89 -5.89	31.36 1.83 -9.46	33.58 1.89 -10.92	43.73 1.78 -22.62	62.32 2.15 -36.85	42.84 2.32 -15.04	33.74 1.94 -10.01	32.04 1.73 -10.39	24.57 1.95 -0.19	23.51 1.79 -0.19
WM_FLOYD_69_KV_BK2 356380	24.67 1.15 -13.18	22.15 1.36 -8.43	21.03 1.47 -6.05	21.85 1.17 -9.93	22.39 1.20 -9.42	26.85 1.35 -12.56	39.23 1.81 -19.09	56.54 3.03 -24.64	39.23 2.33 -16.27	31.76 2.35 -9.45	29.64 2.48 -7.65	27.46 2.78 -3.64	27.37 2.88 -3.73	27.65 2.49 -4.57	29.27 2.62 -6.37	32.05 2.39 -9.59	36.39 2.60 -13.02	56.38 2.38 -34.68	65.88 2.82 -39.73	63.20 3.08 -34.64	46.06 2.66 -21.60	36.04 2.39 -13.73	33.32 2.56 -8.33	26.18 2.45 -2.20
WOODARD___115KV_TB2 355635	13.03 0.12 -2.57	14.22 0.16 -1.69	14.92 0.18 -1.23	12.64 0.14 -1.75	13.73 0.16 -1.79	15.48 0.18 -2.35	22.73 0.29 -4.11	34.42 0.43 -5.12	24.42 0.31 -3.49	22.21 0.32 -1.94	21.30 0.27 -1.53	21.66 0.27 -0.34	21.19 0.27 -0.16	21.41 0.31 -0.51	21.74 0.26 -1.20	22.25 0.26 -1.92	23.34 0.29 -2.27	24.38 0.27 -4.78	31.19 0.26 -7.61	28.89 0.31 -3.10	24.16 0.28 -2.08	22.30 0.26 -2.12	22.76 0.29 -0.04	21.89 0.32 -0.04
YORK___WARBASSE 23770	23.22 0.94 -11.94	21.32 1.10 -7.86	20.36 1.13 -5.72	19.81 0.92 -8.14	21.01 0.92 -8.32	24.83 1.00 -10.88	38.85 1.43 -19.09	55.85 2.34 -24.64	38.63 1.73 -16.28	31.02 1.66 -9.42	33.37 1.87 -11.99	33.17 2.04 -10.08	31.63 1.99 -8.88	33.48 1.98 -10.92	35.02 1.97 -12.77	34.45 1.93 -12.46	33.63 1.91 -10.95	54.07 1.78 -32.96	66.60 2.19 -41.08	42.90 2.34 -15.08	33.84 2.03 -10.02	32.25 1.91 -10.42	24.84 2.20 -0.21	23.79 2.07 -0.19