

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/01/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	21.75	20.79	20.17	19.81	20.19	21.46	28.32	32.74	30.13	29.06	27.64	26.22	25.41	23.87	24.36	26.31	27.64	34.51	35.87	39.02	53.82	30.20	25.24	22.77
24138	1.60	1.48	1.49	1.49	1.39	1.59	1.95	2.55	2.82	2.77	2.60	2.54	2.47	2.29	2.36	2.57	2.53	2.77	2.58	2.66	2.58	2.36	2.22	1.86
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.61	-3.03	-0.08	0.00
74TH STREET_GT_1	21.73	20.78	20.17	19.81	20.19	21.46	28.32	32.74	30.13	29.06	27.64	26.22	25.41	23.84	24.34	26.29	27.66	34.51	35.90	39.05	53.85	30.20	25.27	22.77
24260	1.58	1.47	1.49	1.49	1.39	1.59	1.95	2.55	2.82	2.77	2.60	2.54	2.47	2.27	2.33	2.54	2.56	2.77	2.60	2.69	2.61	2.36	2.25	1.86
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.08	0.00
74TH STREET_GT_2	21.73	20.78	20.17	19.81	20.19	21.46	28.32	32.74	30.13	29.06	27.64	26.22	25.41	23.84	24.34	26.29	27.66	34.51	35.90	39.05	53.85	30.20	25.27	22.77
24261	1.58	1.47	1.49	1.49	1.39	1.59	1.95	2.55	2.82	2.77	2.60	2.54	2.47	2.27	2.33	2.54	2.56	2.77	2.60	2.69	2.61	2.36	2.25	1.86
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.08	0.00
ADK HUDSON___FALLS	22.16	21.10	20.42	19.90	20.61	21.54	29.25	32.69	30.25	27.87	26.12	24.97	24.21	22.94	23.32	24.80	26.20	42.88	55.27	62.96	100.85	37.50	24.90	22.18
24011	1.01	1.04	0.98	0.92	0.94	1.14	1.60	2.03	2.15	2.07	1.81	1.73	1.66	1.52	1.55	1.67	1.80	1.97	1.85	2.03	2.10	1.94	1.67	1.28
	-4.87	-3.59	-3.62	-3.16	-4.27	-2.51	-6.26	-4.91	-1.49	0.09	0.19	0.09	-0.14	0.00	0.04	0.00	0.20	-14.28	-28.38	-34.53	-72.12	-10.75	-0.29	0.00
ADK RESOURCE___RCVRY	22.16	21.10	20.42	19.89	20.62	21.56	29.37	32.81	29.99	27.95	26.24	25.04	24.29	23.00	23.38	24.88	26.24	39.56	48.82	55.05	83.74	35.19	24.99	22.27
23798	1.07	1.10	1.04	0.97	1.00	1.22	1.80	2.24	2.40	2.30	2.06	1.91	1.84	1.67	1.70	1.85	1.97	2.21	2.05	2.22	2.34	2.13	1.84	1.36
	-4.81	-3.52	-3.55	-3.10	-4.22	-2.46	-6.19	-4.83	-0.99	0.24	0.32	0.20	-0.04	0.10	0.13	0.10	0.33	-10.73	-21.72	-26.44	-54.77	-8.25	-0.22	0.00
ADK S GLENS___FALLS	22.16	21.10	20.42	19.90	20.61	21.54	29.25	32.69	30.25	27.87	26.12	24.97	24.21	22.94	23.32	24.80	26.20	42.88	55.27	62.96	100.85	37.50	24.90	22.18
24028	1.01	1.04	0.98	0.92	0.94	1.14	1.60	2.03	2.15	2.07	1.81	1.73	1.66	1.52	1.55	1.67	1.80	1.97	1.85	2.03	2.10	1.94	1.67	1.28
	-4.87	-3.59	-3.62	-3.16	-4.27	-2.51	-6.26	-4.91	-1.49	0.09	0.19	0.09	-0.14	0.00	0.04	0.00	0.20	-14.28	-28.38	-34.53	-72.12	-10.75	-0.29	0.00
ADK_NYS___DAM	21.82	20.83	20.11	19.68	20.35	21.29	28.54	31.74	28.90	27.02	25.35	24.40	23.64	22.51	22.85	24.17	25.45	36.13	43.89	49.17	69.37	32.96	24.58	22.04
23527	0.91	0.97	0.87	0.87	0.89	1.04	1.20	1.54	1.70	1.63	1.52	1.49	1.41	1.29	1.31	1.46	1.53	1.65	1.55	1.66	1.62	1.51	1.47	1.13
	-4.62	-3.38	-3.42	-2.99	-4.06	-2.37	-5.96	-4.45	-0.59	0.49	0.67	0.42	0.19	0.20	0.27	0.42	0.68	-7.86	-17.30	-21.11	-41.12	-6.63	-0.18	0.00
AIR_PRODUCTS___DRP	21.41	20.42	19.77	19.37	19.98	20.86	27.99	31.29	28.51	26.76	25.22	24.13	23.46	22.26	22.65	24.04	25.31	36.34	43.54	48.78	71.99	32.30	23.87	21.49
24190	0.49	0.53	0.51	0.54	0.51	0.59	0.64	0.82	0.93	0.91	0.83	0.84	0.87	0.81	0.85	0.86	0.84	0.88	0.83	0.87	0.85	0.79	0.76	0.59
	-4.64	-3.42	-3.45	-3.01	-4.07	-2.39	-5.96	-4.72	-0.97	0.03	0.12	0.04	-0.17	-0.02	0.01	-0.06	0.12	-8.84	-17.67	-21.51	-44.51	-6.70	-0.18	0.00
AKWESSNE_115KV_BK	5.40	5.47	5.36	5.87	5.91	9.93	10.92	8.76	8.92	8.80	8.31	7.90	7.64	7.32	8.30	8.71	9.42	15.52	23.49	22.91	25.96	24.21	22.52	20.51
355683	-0.36	-0.38	-0.35	-0.36	-0.34	-0.43	-0.53	-0.62	-0.67	-0.62	-0.59	-0.58	-0.54	-0.54	-0.52	-0.58	-0.59	-0.61	-0.60	-0.69	-0.67	-0.60	-0.41	-0.40
	10.52	10.62	10.11	9.59	9.15	7.53	9.93	16.37	17.02	16.46	15.61	14.85	14.23	13.57	12.98	13.85	14.59	10.49	0.95	2.80	0.00	0.00	0.00	0.00
ALBANY___1	21.41	20.42	19.77	19.37	19.98	20.86	27.99	31.29	28.51	26.76	25.22	24.13	23.46	22.26	22.65	24.04	25.31	36.34	43.54	48.78	71.99	32.30	23.87	21.49
23571	0.49	0.53	0.51	0.54	0.51	0.59	0.64	0.82	0.93	0.91	0.83	0.84	0.87	0.81	0.85	0.86	0.84	0.88	0.83	0.87	0.85	0.79	0.76	0.59
	-4.64	-3.42	-3.45	-3.01	-4.07	-2.39	-5.96	-4.72	-0.97	0.03	0.12	0.04	-0.17	-0.02	0.01	-0.06	0.12	-8.84	-17.67	-21.51	-44.51	-6.70	-0.18	0.00
ALBANY___2	21.41	20.42	19.77	19.37	19.98	20.86	27.99	31.29	28.51	26.76	25.22	24.13	23.46	22.26	22.65	24.04	25.31	36.34	43.54	48.78	71.99	32.30	23.87	21.49
23572	0.49	0.53	0.51	0.54	0.51	0.59	0.64	0.82	0.93	0.91	0.83	0.84	0.87	0.81	0.85	0.86	0.84	0.88	0.83	0.87	0.85	0.79	0.76	0.59
	-4.64	-3.42	-3.45	-3.01	-4.07	-2.39	-5.96	-4.72	-0.97	0.03	0.12	0.04	-0.17	-0.02	0.01	-0.06	0.12	-8.84	-17.67	-21.51	-44.51	-6.70	-0.18	0.00
ALBANY___3	21.41	20.42	19.77	19.37	19.98	20.86	27.99	31.29	28.51	26.76	25.22	24.13	23.46	22.26	22.65	24.04	25.31	36.34	43.54	48.78	71.99	32.30	23.87	21.49
23573	0.49	0.53	0.51	0.54	0.51	0.59	0.64	0.82	0.93	0.91	0.83	0.84	0.87	0.81	0.85	0.86	0.84	0.88	0.83	0.87	0.85	0.79	0.76	0.59
	-4.64	-3.42	-3.45	-3.01	-4.07	-2.39	-5.96	-4.72	-0.97	0.03	0.12	0.04	-0.17	-0.02	0.01	-0.06	0.12	-8.84	-17.67	-21.51	-44.51	-6.70	-0.18	0.00

ALBANY___4 23574	21.41 0.49 -4.64	20.42 0.53 -3.42	19.77 0.51 -3.45	19.37 0.54 -3.01	19.98 0.51 -4.07	20.86 0.59 -2.39	27.99 0.64 -5.96	31.29 0.82 -4.72	28.51 0.93 -0.97	26.76 0.91 0.03	25.22 0.83 0.12	24.13 0.84 0.04	23.46 0.87 -0.17	22.26 0.81 -0.02	22.65 0.85 0.01	24.04 0.86 -0.06	25.31 0.84 0.12	36.34 0.88 -8.84	43.54 0.83 -17.67	48.78 0.87 -21.51	71.99 0.85 -44.51	32.30 0.79 -6.70	23.87 0.76 -0.18	21.49 0.59 0.00
ALBANY___LFGE 323615	21.57 0.62 -4.67	20.56 0.66 -3.42	19.91 0.63 -3.46	19.49 0.65 -3.02	20.12 0.62 -4.10	21.01 0.73 -2.39	28.24 0.83 -6.02	31.55 1.08 -4.72	28.53 1.17 -0.76	26.84 1.17 0.21	25.30 1.08 0.28	24.23 1.07 0.18	23.55 1.08 -0.06	22.37 1.03 0.09	22.72 1.03 0.11	24.13 1.06 0.07	25.37 1.06 0.29	36.10 1.14 -8.33	43.07 1.05 -16.98	48.18 1.11 -20.67	70.37 1.12 -42.63	32.28 1.02 -6.45	24.07 0.96 -0.17	21.66 0.75 0.00
ALCOA_PA_115KV_PL-6C 55860	4.55 -0.34 11.39	4.63 -0.35 11.50	4.53 -0.33 10.96	4.92 -0.35 10.55	4.99 -0.34 10.07	9.17 -0.43 8.29	9.92 -0.53 10.93	7.45 -0.54 17.75	7.58 -0.59 18.44	7.49 -0.57 17.83	7.06 -0.54 16.91	6.71 -0.54 16.08	6.48 -0.52 15.41	6.21 -0.49 14.72	6.99 -0.52 14.29	7.33 -0.56 15.24	7.92 -0.61 16.06	14.44 -0.64 11.55	23.40 -0.60 1.04	22.63 -0.69 3.08	25.99 -0.67 -0.03	24.22 -0.60 0.00	22.50 -0.44 0.00	20.51 -0.40 0.00
ALCOA_RYNLDS___DRP 24188	4.55 -0.34 11.39	4.63 -0.35 11.50	4.53 -0.33 10.96	4.92 -0.35 10.55	4.99 -0.34 10.07	9.17 -0.43 8.29	9.92 -0.53 10.93	7.45 -0.54 17.75	7.58 -0.59 18.44	7.49 -0.57 17.83	7.06 -0.54 16.91	6.71 -0.54 16.08	6.48 -0.52 15.41	6.21 -0.49 14.72	6.99 -0.52 14.29	7.33 -0.56 15.24	7.92 -0.61 16.06	14.44 -0.64 11.55	23.40 -0.60 1.04	22.63 -0.69 3.08	25.99 -0.67 -0.03	24.22 -0.60 0.00	22.50 -0.44 0.00	20.51 -0.40 0.00
ALCOA___DSASP 323711	5.46 -0.34 10.48	5.56 -0.35 10.57	5.40 -0.33 10.08	5.69 -0.35 9.78	5.72 -0.34 9.34	9.77 -0.43 7.68	10.70 -0.53 10.15	8.35 -0.54 16.85	8.58 -0.59 17.44	8.46 -0.57 16.86	7.96 -0.56 15.98	7.59 -0.54 15.20	7.33 -0.51 14.57	7.01 -0.49 13.93	7.68 -0.52 13.60	8.07 -0.56 14.51	8.70 -0.61 15.29	14.97 -0.66 10.99	23.44 -0.60 1.00	22.77 -0.69 2.94	25.96 -0.66 0.00	24.21 -0.60 0.00	22.50 -0.44 0.00	20.51 -0.40 0.00
ALLEGHENY___COGEN 23514	17.53 0.54 -0.71	17.64 0.64 -0.52	16.90 0.55 -0.53	16.87 0.59 -0.46	16.55 0.52 -0.63	19.02 0.77 -0.37	28.69 0.49 -6.81	45.01 0.57 -18.70	44.42 0.03 -17.79	40.66 -0.39 -15.16	36.21 -0.44 -12.15	30.08 -0.51 -7.26	27.54 0.16 -4.97	21.60 0.13 -0.04	23.14 0.09 -1.24	25.82 0.05 -2.65	37.31 0.30 -12.41	46.16 0.45 -19.08	38.62 0.80 -12.78	41.87 1.27 -14.21	49.02 1.36 -21.04	29.41 1.07 -3.53	23.59 0.64 -0.02	21.79 0.88 0.00
ALTAMONT_115KV_TB 2 55880	21.58 0.68 -4.61	20.58 0.71 -3.40	19.93 0.68 -3.43	19.50 0.68 -3.00	20.11 0.66 -4.05	21.03 0.77 -2.38	28.22 0.90 -5.93	31.65 1.13 -4.77	28.78 1.25 -0.92	27.17 1.22 -0.07	25.65 1.13 -0.02	24.47 1.10 -0.05	23.72 1.05 -0.26	22.47 0.99 -0.06	22.87 1.02 -0.04	24.39 1.09 -0.18	25.72 1.11 -0.01	35.76 1.20 -7.94	41.70 1.15 -15.51	46.48 1.21 -18.87	67.50 1.20 -39.68	31.79 1.12 -5.87	24.13 1.03 -0.16	21.75 0.84 0.00
ALTONA_WT_PWR 323606	-0.52 -1.04 15.75	-0.52 -1.09 15.90	0.05 -1.04 14.72	5.64 -1.01 9.17	5.80 -0.85 8.75	9.90 -0.79 7.20	11.04 -0.83 9.51	0.07 -1.44 24.24	-0.53 -1.25 25.88	-0.67 -1.32 25.23	-0.66 -1.28 23.89	-0.68 -1.24 22.77	-0.61 -1.17 21.85	0.08 -1.18 20.17	7.87 -1.02 12.91	8.22 -1.13 13.77	9.13 -0.96 14.51	15.33 -0.85 10.44	23.62 -0.48 0.95	23.26 -0.34 2.79	26.41 -0.21 0.00	25.21 0.40 0.00	23.39 0.46 0.00	21.16 0.25 0.00
AMERICAN_REF_FUEL 24010	16.09 -0.83 -0.64	16.24 -0.71 -0.47	15.54 -0.76 -0.47	15.52 -0.71 -0.41	15.27 -0.69 -0.56	17.32 -0.89 -0.33	19.91 -0.88 0.60	20.72 -0.95 4.07	20.63 -1.36 4.62	20.43 -1.35 4.10	19.92 -1.30 3.28	19.96 -1.42 1.95	19.98 -1.12 1.31	19.98 -1.44 0.01	19.96 -1.50 0.34	20.71 -1.73 0.68	19.92 -1.33 3.35	20.90 -1.46 4.26	21.92 -1.48 1.64	23.45 -1.29 1.65	24.23 -1.36 1.04	22.86 -1.66 0.29	21.21 -1.74 -0.01	19.93 -0.98 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.28 -0.72 -0.72	16.39 -0.61 -0.52	15.67 -0.68 -0.53	15.57 -0.71 -0.46	15.31 -0.72 -0.63	17.21 -1.04 -0.37	20.13 -0.77 0.49	20.69 -1.08 3.98	20.81 -1.17 4.62	20.53 -1.22 4.13	20.01 -1.18 3.31	20.03 -1.33 1.98	19.91 -1.19 1.31	20.47 -0.94 0.01	20.42 -1.05 0.34	21.24 -1.20 0.68	20.06 -1.16 3.38	21.17 -1.25 4.21	22.56 -1.00 1.48	24.13 -0.82 1.45	25.24 -0.80 0.59	23.82 -0.77 0.22	21.90 -1.05 -0.02	20.41 -0.50 0.00
ARTHUR_KILL_GT_1 23520	21.74 1.58 -3.88	20.79 1.48 -2.83	20.16 1.47 -2.87	19.82 1.49 -2.51	20.21 1.40 -3.41	21.39 1.52 -1.98	28.19 1.82 -4.99	32.61 2.42 -4.45	29.89 2.58 -0.71	28.79 2.51 -0.40	27.47 2.43 -0.54	26.13 2.45 -0.35	25.33 2.37 -0.54	23.74 2.16 -0.15	24.24 2.23 -0.21	26.25 2.50 -0.62	27.66 2.56 -0.50	34.52 2.77 -5.13	35.80 2.50 -8.25	38.91 2.56 -9.96	53.71 2.48 -24.61	30.23 2.38 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
ARTHUR_KILL_2 23512	21.69 1.53 -3.88	20.76 1.45 -2.83	20.13 1.44 -2.87	19.77 1.44 -2.51	20.18 1.37 -3.41	21.35 1.48 -1.98	28.15 1.77 -4.99	32.54 2.34 -4.45	29.84 2.53 -0.71	28.74 2.46 -0.40	27.42 2.38 -0.54	26.06 2.38 -0.35	25.26 2.31 -0.54	23.70 2.12 -0.15	24.17 2.16 -0.21	26.18 2.43 -0.62	27.59 2.48 -0.50	34.44 2.69 -5.13	35.72 2.43 -8.25	38.83 2.48 -9.96	53.63 2.40 -24.61	30.15 2.31 -3.03	25.27 2.25 -0.09	22.82 1.90 -0.01
ARTHUR_KILL_3 23513	21.63 1.48 -3.87	20.68 1.37 -2.83	20.08 1.39 -2.86	19.72 1.39 -2.50	20.10 1.29 -3.40	21.35 1.48 -1.98	28.17 1.80 -4.99	32.56 2.37 -4.45	29.92 2.61 -0.71	28.87 2.59 -0.40	27.42 2.38 -0.54	26.01 2.33 -0.34	25.21 2.26 -0.53	23.68 2.10 -0.15	24.14 2.14 -0.20	26.08 2.33 -0.62	27.41 2.31 -0.50	34.24 2.50 -5.12	35.64 2.35 -8.25	38.76 2.40 -9.96	53.56 2.32 -24.62	29.98 2.13 -3.03	25.08 2.07 -0.08	22.64 1.73 0.00
ARTHUR_KILL_COGEN 323718	21.74 1.58 -3.88	20.79 1.48 -2.83	20.16 1.47 -2.87	19.82 1.49 -2.51	20.21 1.40 -3.41	21.39 1.52 -1.98	28.19 1.82 -4.99	32.61 2.42 -4.45	29.89 2.58 -0.71	28.79 2.51 -0.40	27.47 2.43 -0.54	26.13 2.45 -0.35	25.33 2.37 -0.54	23.74 2.16 -0.15	24.24 2.23 -0.21	26.25 2.50 -0.62	27.66 2.56 -0.50	34.52 2.77 -5.13	35.80 2.50 -8.25	38.91 2.56 -9.96	53.71 2.48 -24.61	30.23 2.38 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
ASHOKAN____ 23654	20.91 0.41 -4.23	19.96 0.39 -3.09	19.36 0.41 -3.12	18.96 0.41 -2.73	19.51 0.40 -3.71	20.48 0.43 -2.16	27.53 0.70 -5.44	32.31 2.06 -4.51	28.13 0.91 -0.62	27.94 1.99 -0.06	26.47 1.89 -0.08	25.06 1.68 -0.05	24.33 1.66 -0.26	22.94 1.50 -0.02	23.33 1.50 -0.02	25.04 1.69 -0.23	26.47 1.82 -0.05	33.13 0.72 -5.78	36.78 0.78 -10.97	40.64 0.92 -13.32	56.58 0.96 -29.00	29.73 0.79 -4.13	23.92 0.87 -0.11	21.91 1.00 0.00

ASTORIA_EAST_ENERGY_CC1 323581	21.61 1.45 -3.88	20.68 1.37 -2.83	20.10 1.41 -2.87	19.76 1.42 -2.51	20.10 1.29 -3.41	21.31 1.45 -1.98	28.06 1.69 -4.98	32.45 2.27 -4.44	29.81 2.50 -0.70	28.74 2.46 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.18 2.24 -0.52	23.64 2.08 -0.14	24.11 2.11 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.21 2.48 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.92 2.08 -3.03	25.03 2.02 -0.07	22.63 1.71 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	21.61 1.45 -3.88	20.68 1.37 -2.83	20.10 1.41 -2.87	19.76 1.42 -2.51	20.10 1.29 -3.41	21.31 1.45 -1.98	28.06 1.69 -4.98	32.45 2.27 -4.44	29.81 2.50 -0.70	28.74 2.46 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.18 2.24 -0.52	23.64 2.08 -0.14	24.11 2.11 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.21 2.48 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.92 2.08 -3.03	25.03 2.02 -0.07	22.63 1.71 -0.01
ASTORIA_GT2_1 24094	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA_GT2_2 24095	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA_GT2_3 24096	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA_GT2_4 24097	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA_GT3_1 24098	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA_GT3_2 24099	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA_GT3_3 24100	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA_GT3_4 24101	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA_GT4_1 24102	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA_GT4_2 24103	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA_GT4_3 24104	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA_GT4_4 24105	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA_GT_1 23523	21.64 1.48 -3.88	20.71 1.40 -2.83	20.13 1.44 -2.87	19.79 1.45 -2.51	20.13 1.32 -3.41	21.34 1.48 -1.98	28.10 1.73 -4.98	32.51 2.32 -4.44	29.86 2.55 -0.70	28.79 2.51 -0.39	27.44 2.40 -0.53	26.05 2.38 -0.34	25.24 2.31 -0.52	23.71 2.14 -0.18	24.18 2.18 -0.19	26.12 2.38 -0.61	27.46 2.36 -0.50	34.29 2.56 -5.11	35.66 2.38 -8.24	38.81 2.46 -9.96	53.58 2.34 -24.61	29.99 2.16 -3.03	25.07 2.07 -0.07	22.67 1.76 -0.01

ASTORIA_GT_10 24110	21.72 1.56 -3.88	20.78 1.47 -2.83	20.16 1.47 -2.87	19.82 1.49 -2.51	20.20 1.39 -3.41	21.44 1.57 -1.98	28.21 1.84 -4.99	32.64 2.45 -4.45	30.00 2.69 -0.71	28.93 2.64 -0.40	27.54 2.50 -0.54	26.18 2.50 -0.35	25.35 2.40 -0.54	23.81 2.23 -0.15	24.28 2.27 -0.21	26.23 2.48 -0.62	27.59 2.48 -0.50	34.44 2.69 -5.13	35.80 2.50 -8.25	38.95 2.59 -9.96	53.74 2.50 -24.62	30.12 2.28 -3.03	25.23 2.20 -0.09	22.76 1.84 -0.01
ASTORIA_GT_11 24225	21.72 1.56 -3.88	20.78 1.47 -2.83	20.16 1.47 -2.87	19.82 1.49 -2.51	20.20 1.39 -3.41	21.44 1.57 -1.98	28.21 1.84 -4.99	32.64 2.45 -4.45	30.00 2.69 -0.71	28.93 2.64 -0.40	27.54 2.50 -0.54	26.18 2.50 -0.35	25.35 2.40 -0.54	23.81 2.23 -0.15	24.28 2.27 -0.21	26.23 2.48 -0.62	27.59 2.48 -0.50	34.44 2.69 -5.13	35.80 2.50 -8.25	38.95 2.59 -9.96	53.74 2.50 -24.62	30.12 2.28 -3.03	25.23 2.20 -0.09	22.76 1.84 -0.01
ASTORIA_GT_12 24226	21.72 1.56 -3.88	20.78 1.47 -2.83	20.16 1.47 -2.87	19.82 1.49 -2.51	20.20 1.39 -3.41	21.44 1.57 -1.98	28.21 1.84 -4.99	32.64 2.45 -4.45	30.00 2.69 -0.71	28.93 2.64 -0.40	27.54 2.50 -0.54	26.18 2.50 -0.35	25.35 2.40 -0.54	23.81 2.23 -0.15	24.28 2.27 -0.21	26.23 2.48 -0.62	27.59 2.48 -0.50	34.44 2.69 -5.13	35.80 2.50 -8.25	38.95 2.59 -9.96	53.74 2.50 -24.62	30.12 2.28 -3.03	25.23 2.20 -0.09	22.76 1.84 -0.01
ASTORIA_GT_13 24227	21.72 1.56 -3.88	20.78 1.47 -2.83	20.16 1.47 -2.87	19.82 1.49 -2.51	20.20 1.39 -3.41	21.44 1.57 -1.98	28.21 1.84 -4.99	32.64 2.45 -4.45	30.00 2.69 -0.71	28.93 2.64 -0.40	27.54 2.50 -0.54	26.18 2.50 -0.35	25.35 2.40 -0.54	23.81 2.23 -0.15	24.28 2.27 -0.21	26.23 2.48 -0.62	27.59 2.48 -0.50	34.44 2.69 -5.13	35.80 2.50 -8.25	38.95 2.59 -9.96	53.74 2.50 -24.62	30.12 2.28 -3.03	25.23 2.20 -0.09	22.76 1.84 -0.01
ASTORIA_GT_5 24106	21.64 1.48 -3.88	20.71 1.40 -2.83	20.13 1.44 -2.87	19.79 1.45 -2.51	20.13 1.32 -3.41	21.34 1.48 -1.98	28.10 1.73 -4.98	32.51 2.32 -4.44	29.86 2.55 -0.70	28.79 2.51 -0.39	27.44 2.40 -0.53	26.05 2.38 -0.34	25.24 2.31 -0.52	23.71 2.14 -0.14	24.18 2.18 -0.19	26.12 2.38 -0.61	27.46 2.36 -0.50	34.29 2.56 -5.11	35.66 2.38 -8.24	38.81 2.46 -9.96	53.58 2.34 -24.61	29.99 2.16 -3.03	25.07 2.07 -0.07	22.67 1.76 -0.01
ASTORIA_GT_7 24107	21.64 1.48 -3.88	20.71 1.40 -2.83	20.13 1.44 -2.87	19.79 1.45 -2.51	20.13 1.32 -3.41	21.34 1.48 -1.98	28.10 1.73 -4.98	32.51 2.32 -4.44	29.86 2.55 -0.70	28.79 2.51 -0.39	27.44 2.40 -0.53	26.05 2.38 -0.34	25.24 2.31 -0.52	23.71 2.14 -0.14	24.18 2.18 -0.19	26.12 2.38 -0.61	27.46 2.36 -0.50	34.29 2.56 -5.11	35.66 2.38 -8.24	38.81 2.46 -9.96	53.58 2.34 -24.61	29.99 2.16 -3.03	25.07 2.07 -0.07	22.67 1.76 -0.01
ASTORIA_GT_8 24108	21.64 1.48 -3.88	20.71 1.40 -2.83	20.13 1.44 -2.87	19.79 1.45 -2.51	20.13 1.32 -3.41	21.34 1.48 -1.98	28.10 1.73 -4.98	32.51 2.32 -4.44	29.86 2.55 -0.70	28.79 2.51 -0.39	27.44 2.40 -0.53	26.05 2.38 -0.34	25.24 2.31 -0.52	23.71 2.14 -0.14	24.18 2.18 -0.19	26.12 2.38 -0.61	27.46 2.36 -0.50	34.29 2.56 -5.11	35.66 2.38 -8.24	38.81 2.46 -9.96	53.58 2.34 -24.61	29.99 2.16 -3.03	25.07 2.07 -0.07	22.67 1.76 -0.01
ASTORIA___2 24149	21.61 1.45 -3.88	20.68 1.37 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.10 1.29 -3.41	21.33 1.47 -1.98	28.06 1.69 -4.98	32.48 2.29 -4.44	29.83 2.53 -0.70	28.76 2.49 -0.39	27.39 2.35 -0.53	26.00 2.33 -0.34	25.20 2.26 -0.52	23.67 2.10 -0.14	24.13 2.14 -0.19	26.07 2.33 -0.61	27.41 2.31 -0.50	34.24 2.50 -5.11	35.61 2.33 -8.24	38.75 2.40 -9.96	53.52 2.29 -24.61	29.94 2.11 -3.03	25.05 2.04 -0.07	22.65 1.73 -0.01
ASTORIA___3 23516	21.72 1.56 -3.88	20.78 1.47 -2.83	20.16 1.47 -2.87	19.82 1.49 -2.51	20.20 1.39 -3.41	21.44 1.57 -1.98	28.21 1.84 -4.99	32.64 2.45 -4.45	30.00 2.69 -0.71	28.93 2.64 -0.40	27.54 2.50 -0.54	26.18 2.50 -0.35	25.35 2.40 -0.54	23.81 2.23 -0.15	24.28 2.27 -0.21	26.23 2.48 -0.62	27.59 2.48 -0.50	34.44 2.69 -5.13	35.80 2.50 -8.25	38.95 2.59 -9.96	53.74 2.50 -24.62	30.12 2.28 -3.03	25.23 2.20 -0.09	22.76 1.84 -0.01
ASTORIA___4 23517	21.80 1.56 -3.96	20.87 1.47 -2.93	20.24 1.47 -2.95	19.89 1.49 -2.58	20.27 1.39 -3.48	21.50 1.57 -2.05	28.31 1.84 -5.09	32.71 2.45 -4.51	30.42 2.69 -1.13	29.13 2.64 -0.61	27.70 2.47 -0.73	26.32 2.47 -0.51	25.49 2.40 -0.68	23.94 2.23 -0.28	24.45 2.31 -0.34	26.41 2.50 -0.78	27.79 2.48 -0.71	36.75 2.66 -7.47	39.95 2.50 -12.41	44.00 2.59 -15.02	64.70 2.50 -35.58	31.68 2.28 -4.59	25.27 2.20 -0.13	22.78 1.86 -0.01
ASTORIA___5 23518	21.72 1.56 -3.88	20.78 1.47 -2.83	20.16 1.47 -2.87	19.82 1.49 -2.51	20.20 1.39 -3.41	21.44 1.57 -1.98	28.21 1.84 -4.99	32.64 2.45 -4.45	30.00 2.69 -0.71	28.93 2.64 -0.40	27.54 2.50 -0.54	26.18 2.50 -0.35	25.35 2.40 -0.54	23.81 2.23 -0.15	24.28 2.27 -0.21	26.23 2.48 -0.62	27.59 2.48 -0.50	34.44 2.69 -5.13	35.80 2.50 -8.25	38.95 2.59 -9.96	53.74 2.50 -24.62	30.12 2.28 -3.03	25.23 2.20 -0.09	22.76 1.84 -0.01
AST_ENERGY_2_CC3 323677	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.73 1.41 -2.50	20.11 1.31 -3.40	21.39 1.52 -1.98	28.17 1.80 -4.99	32.56 2.37 -4.45	29.95 2.63 -0.71	28.85 2.56 -0.40	27.47 2.43 -0.54	26.08 2.40 -0.34	25.25 2.31 -0.53	23.72 2.14 -0.15	24.21 2.20 -0.20	26.13 2.38 -0.62	27.46 2.36 -0.50	34.30 2.56 -5.12	35.70 2.40 -8.25	38.84 2.48 -9.96	53.64 2.40 -24.62	30.03 2.18 -3.03	25.13 2.11 -0.08	22.67 1.76 0.00
AST_ENERGY_2_CC4 323678	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.73 1.41 -2.50	20.11 1.31 -3.40	21.39 1.52 -1.98	28.17 1.80 -4.99	32.56 2.37 -4.45	29.95 2.63 -0.71	28.85 2.56 -0.40	27.47 2.43 -0.54	26.08 2.40 -0.34	25.25 2.31 -0.53	23.72 2.14 -0.15	24.21 2.20 -0.20	26.13 2.38 -0.62	27.46 2.36 -0.50	34.30 2.56 -5.12	35.70 2.40 -8.25	38.84 2.48 -9.96	53.64 2.40 -24.62	30.03 2.18 -3.03	25.13 2.11 -0.08	22.67 1.76 0.00
ATHENS_STG_1 23668	21.30 0.89 -4.13	20.39 0.89 -3.02	19.74 0.87 -3.05	19.36 0.87 -2.67	19.86 0.83 -3.62	20.94 0.95 -2.11	27.83 1.13 -5.32	31.89 1.54 -4.59	28.88 1.70 -0.57	27.72 1.66 -0.18	26.32 1.57 -0.25	25.00 1.52 -0.16	24.23 1.46 -0.36	22.77 1.29 -0.06	23.19 1.31 -0.08	24.92 1.43 -0.35	26.25 1.45 -0.20	32.81 1.57 -4.61	34.77 1.48 -8.25	37.95 1.56 -10.00	50.91 1.52 -22.77	29.30 1.41 -3.08	24.33 1.31 -0.08	21.98 1.07 0.00
ATHENS_STG_2 23670	21.30 0.89 -4.13	20.39 0.89 -3.02	19.74 0.87 -3.05	19.36 0.87 -2.67	19.86 0.83 -3.62	20.94 0.95 -2.11	27.83 1.13 -5.32	31.89 1.54 -4.59	28.88 1.70 -0.57	27.72 1.66 -0.18	26.32 1.57 -0.25	25.00 1.52 -0.16	24.23 1.46 -0.36	22.77 1.29 -0.06	23.19 1.31 -0.08	24.92 1.43 -0.35	26.25 1.45 -0.20	32.81 1.57 -4.61	34.77 1.48 -8.25	37.95 1.56 -10.00	50.91 1.52 -22.77	29.30 1.41 -3.08	24.33 1.31 -0.08	21.98 1.07 0.00

ATHENS_STG_3 23677	21.30 0.89 -4.13	20.39 0.89 -3.02	19.74 0.87 -3.05	19.36 0.87 -2.67	19.86 0.83 -3.62	20.94 0.95 -2.11	27.83 1.13 -5.32	31.89 1.54 -4.59	28.88 1.70 -0.57	27.72 1.66 -0.18	26.32 1.57 -0.25	25.00 1.52 -0.16	24.23 1.46 -0.36	22.77 1.29 -0.06	23.19 1.31 -0.08	24.92 1.43 -0.35	26.25 1.45 -0.20	32.81 1.57 -4.61	34.77 1.48 -8.25	37.95 1.56 -10.00	50.91 1.52 -22.77	29.30 1.41 -3.08	24.33 1.31 -0.08	21.98 1.07 0.00
AUBURN___LFG 323710	17.58 0.31 -0.99	17.66 0.33 -0.85	16.94 0.28 -0.83	16.87 0.30 -0.75	16.54 0.28 -0.86	18.87 0.39 -0.59	23.32 0.75 -1.19	28.15 0.90 -1.51	28.43 0.77 -1.05	27.66 0.85 -0.92	25.97 0.61 -0.85	24.83 0.75 -0.75	23.76 0.63 -0.72	22.66 0.64 -0.59	22.94 0.57 -0.57	24.37 0.58 -0.66	26.06 0.66 -0.80	28.85 0.72 -1.51	27.48 0.73 -1.71	29.40 0.87 -2.13	31.88 0.91 -4.35	26.17 0.74 -0.61	23.43 0.48 -0.02	21.37 0.46 0.00
BABYLON_RES_REC 323704	22.38 1.82 -4.28	21.02 1.71 -2.84	20.43 1.74 -2.86	20.05 1.72 -2.50	20.31 1.51 -3.40	21.75 1.88 -1.98	29.97 2.33 -6.26	33.08 2.88 -4.45	30.43 3.11 -0.71	29.29 3.00 -0.40	28.57 2.84 -1.23	26.53 2.75 -0.44	26.50 2.67 -1.42	28.64 2.46 -4.75	26.48 2.51 -2.17	28.85 2.75 -2.97	32.70 2.78 -5.32	38.00 3.03 -8.34	43.54 2.85 -15.64	45.01 3.03 -15.58	75.05 2.96 -45.47	37.36 2.68 -9.87	31.71 2.64 -6.14	25.22 2.15 -2.16
BABYLON__69_KV_BK2 356345	22.62 1.97 -4.37	21.25 1.85 -2.93	20.65 1.88 -2.95	20.25 1.85 -2.58	20.51 1.63 -3.47	21.97 2.04 -2.05	30.25 2.50 -6.36	33.35 3.09 -4.51	31.03 3.30 -1.13	29.67 3.18 -0.61	28.78 2.87 -1.41	26.85 2.92 -0.60	26.80 2.82 -1.56	28.94 2.64 -4.88	26.81 2.70 -2.30	29.15 2.89 -3.13	33.10 2.98 -5.53	40.50 3.19 -10.68	47.87 3.03 -19.80	50.28 3.25 -20.64	86.23 3.17 -56.43	39.12 2.88 -11.43	31.91 2.80 -6.18	25.39 2.32 -2.16
BARON_WINDS___WT_PWR 323822	17.02 -0.16 -0.90	17.04 -0.10 -0.66	16.36 -0.13 -0.67	16.30 -0.11 -0.58	16.09 -0.11 -0.79	18.24 -0.11 -0.46	12.80 0.13 8.71	-4.47 -0.10 30.11	-4.10 -0.11 30.60	-0.70 -0.18 26.40	3.15 -0.20 21.15	10.49 -0.21 12.64	13.68 -0.18 8.55	21.26 -0.09 0.08	19.51 -0.13 2.17	18.41 -0.21 4.51	2.87 -0.12 21.61	-4.35 -0.13 30.85	7.49 0.03 17.58	7.55 0.24 19.08	2.32 0.21 24.52	20.53 0.12 4.40	22.80 -0.16 -0.02	21.08 0.17 0.00
BARRETT_IC_1 23704	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BARRETT_IC_10 23701	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BARRETT_IC_11 23702	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BARRETT_IC_12 23703	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BARRETT_IC_2 23705	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BARRETT_IC_3 23706	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BARRETT_IC_4 23707	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BARRETT_IC_5 23708	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BARRETT_IC_6 23709	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BARRETT_IC_7 23710	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16

BARRETT_IC_8 23711	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BARRETT_IC_9 23700	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BARRETT___1 23545	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BARRETT___2 23546	22.30 1.74 -4.28	20.94 1.63 -2.84	20.35 1.66 -2.86	19.97 1.65 -2.50	20.25 1.45 -3.40	21.66 1.79 -1.98	29.76 2.12 -6.26	32.77 2.57 -4.45	30.19 2.87 -0.71	29.13 2.85 -0.40	28.45 2.72 -1.23	26.43 2.66 -0.44	26.39 2.55 -1.42	28.55 2.38 -4.75	26.39 2.42 -2.17	28.73 2.64 -2.97	32.60 2.68 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.67 2.69 -15.58	74.71 2.61 -45.47	37.14 2.46 -9.87	31.53 2.46 -6.14	25.16 2.09 -2.16
BATAVIA___115KV_TB1 55881	17.16 -0.05 -0.93	17.31 0.07 -0.77	16.56 -0.02 -0.76	16.55 0.05 -0.68	16.21 0.00 -0.80	18.48 0.05 -0.54	22.19 0.15 -0.65	25.94 0.33 0.14	26.09 0.08 0.59	25.33 -0.03 0.53	24.22 0.05 0.33	23.06 -0.26 0.01	22.40 -0.16 -0.15	21.50 -0.36 -0.44	21.72 -0.41 -0.33	22.96 -0.46 -0.30	23.91 -0.30 0.39	26.30 -0.40 -0.08	26.01 -0.20 -1.17	28.02 0.05 -1.57	30.78 0.13 -4.02	25.05 -0.27 -0.51	22.38 -0.57 -0.02	20.93 0.02 0.00
BAYONEEC___CTG1 323682	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.75 1.42 -2.50	20.13 1.32 -3.40	21.39 1.52 -1.98	28.21 1.84 -4.99	32.61 2.42 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.27 2.33 -0.53	23.74 2.16 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.52 2.41 -0.50	34.35 2.61 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.66 2.42 -24.62	30.08 2.23 -3.03	25.15 2.13 -0.08	22.69 1.78 0.00
BAYONEEC___CTG10 323750	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.75 1.42 -2.50	20.13 1.32 -3.40	21.39 1.52 -1.98	28.21 1.84 -4.99	32.61 2.42 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.27 2.33 -0.53	23.74 2.16 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.52 2.41 -0.50	34.35 2.61 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.66 2.42 -24.62	30.08 2.23 -3.03	25.15 2.13 -0.08	22.69 1.78 0.00
BAYONEEC___CTG2 323683	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.75 1.42 -2.50	20.13 1.32 -3.40	21.39 1.52 -1.98	28.21 1.84 -4.99	32.61 2.42 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.27 2.33 -0.53	23.74 2.16 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.52 2.41 -0.50	34.35 2.61 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.66 2.42 -24.62	30.08 2.23 -3.03	25.15 2.13 -0.08	22.69 1.78 0.00
BAYONEEC___CTG3 323684	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.75 1.42 -2.50	20.13 1.32 -3.40	21.39 1.52 -1.98	28.21 1.84 -4.99	32.61 2.42 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.27 2.33 -0.53	23.74 2.16 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.52 2.41 -0.50	34.35 2.61 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.66 2.42 -24.62	30.08 2.23 -3.03	25.15 2.13 -0.08	22.69 1.78 0.00
BAYONEEC___CTG4 323685	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.75 1.42 -2.50	20.13 1.32 -3.40	21.39 1.52 -1.98	28.21 1.84 -4.99	32.61 2.42 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.27 2.33 -0.53	23.74 2.16 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.52 2.41 -0.50	34.35 2.61 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.66 2.42 -24.62	30.08 2.23 -3.03	25.15 2.13 -0.08	22.69 1.78 0.00
BAYONEEC___CTG5 323686	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.75 1.42 -2.50	20.13 1.32 -3.40	21.39 1.52 -1.98	28.21 1.84 -4.99	32.61 2.42 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.27 2.33 -0.53	23.74 2.16 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.52 2.41 -0.50	34.35 2.61 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.66 2.42 -24.62	30.08 2.23 -3.03	25.15 2.13 -0.08	22.69 1.78 0.00
BAYONEEC___CTG6 323687	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.75 1.42 -2.50	20.13 1.32 -3.40	21.39 1.52 -1.98	28.21 1.84 -4.99	32.61 2.42 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.27 2.33 -0.53	23.74 2.16 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.52 2.41 -0.50	34.35 2.61 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.66 2.42 -24.62	30.08 2.23 -3.03	25.15 2.13 -0.08	22.69 1.78 0.00
BAYONEEC___CTG7 323688	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.75 1.42 -2.50	20.13 1.32 -3.40	21.39 1.52 -1.98	28.21 1.84 -4.99	32.61 2.42 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.27 2.33 -0.53	23.74 2.16 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.52 2.41 -0.50	34.35 2.61 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.66 2.42 -24.62	30.08 2.23 -3.03	25.15 2.13 -0.08	22.69 1.78 0.00
BAYONEEC___CTG8 323689	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.75 1.42 -2.50	20.13 1.32 -3.40	21.39 1.52 -1.98	28.21 1.84 -4.99	32.61 2.42 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.27 2.33 -0.53	23.74 2.16 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.52 2.41 -0.50	34.35 2.61 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.66 2.42 -24.62	30.08 2.23 -3.03	25.15 2.13 -0.08	22.69 1.78 0.00
BAYONEEC___CTG9 323749	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.75 1.42 -2.50	20.13 1.32 -3.40	21.39 1.52 -1.98	28.21 1.84 -4.99	32.61 2.42 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.27 2.33 -0.53	23.74 2.16 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.52 2.41 -0.50	34.35 2.61 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.66 2.42 -24.62	30.08 2.23 -3.03	25.15 2.13 -0.08	22.69 1.78 0.00

BEACON___LESR 323632	21.61 0.73 -4.60	20.62 0.77 -3.37	19.95 0.73 -3.40	19.54 0.74 -2.97	20.16 0.72 -4.04	21.10 0.86 -2.36	28.34 1.03 -5.93	31.68 1.29 -4.65	28.66 1.41 -0.65	27.07 1.40 0.21	25.49 1.27 0.28	24.41 1.26 0.18	23.74 1.28 -0.05	22.56 1.22 0.09	22.89 1.20 0.12	24.33 1.27 0.07	25.61 1.30 0.30	35.19 1.38 -7.18	41.08 1.25 -14.78	45.72 1.32 -18.00	64.81 1.33 -36.86	31.67 1.24 -5.62	24.26 1.17 -0.15	21.81 0.90 0.00
BEAVER RIVER___HYD 24048	26.92 -0.11 -10.75	27.03 -0.25 -10.80	25.71 -0.38 -10.27	24.97 -0.36 -9.51	24.16 -0.37 -9.13	24.96 -0.39 -7.47	30.91 -0.45 -9.98	41.64 -0.39 -16.28	42.95 -0.45 -16.80	41.52 -0.62 -16.26	39.30 -0.61 -15.41	37.37 -0.63 -14.67	35.85 -0.63 -14.07	34.25 -0.56 -13.38	33.71 -0.63 -12.53	35.90 -0.60 -13.37	38.05 -0.64 -14.09	36.30 -0.45 -10.13	25.79 -0.17 -0.92	29.08 -0.03 -2.71	26.68 0.05 0.00	24.71 -0.10 0.00	22.59 -0.34 0.00	20.57 -0.34 0.00
BEEBEE_GT_13 23619	17.28 0.15 -0.85	17.41 0.21 -0.72	16.69 0.16 -0.71	16.65 0.19 -0.64	16.30 0.15 -0.74	18.64 0.25 -0.50	22.32 0.11 -0.83	26.78 0.41 -0.63	26.93 0.11 -0.22	26.12 0.05 -0.18	24.86 0.12 -0.23	23.61 -0.05 -0.32	22.88 0.09 -0.38	21.90 0.02 -0.45	22.18 -0.02 -0.39	23.36 -0.19 -0.42	24.71 -0.07 -0.18	27.28 -0.16 -0.82	26.45 -0.08 -1.48	28.38 0.11 -1.88	31.06 0.19 -4.25	25.36 -0.02 -0.58	22.70 -0.25 -0.02	21.03 0.13 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.92 1.68 -3.96	20.97 1.57 -2.93	20.34 1.57 -2.95	19.97 1.57 -2.58	20.36 1.48 -3.48	21.58 1.65 -2.05	28.44 1.97 -5.09	32.91 2.65 -4.51	30.61 2.87 -1.13	29.29 2.80 -0.61	27.87 2.65 -0.73	26.48 2.64 -0.51	25.67 2.58 -0.68	24.09 2.38 -0.28	24.61 2.46 -0.34	26.61 2.71 -0.78	28.04 2.73 -0.71	37.05 2.96 -7.47	40.20 2.75 -12.41	44.27 2.85 -15.02	64.97 2.77 -35.58	31.93 2.53 -4.59	25.47 2.41 -0.13	22.97 2.05 -0.01
BETHLEHEM___GRP 23843	21.41 0.49 -4.64	20.42 0.53 -3.42	19.77 0.51 -3.45	19.37 0.54 -3.01	19.98 0.51 -4.07	20.86 0.59 -2.39	27.99 0.64 -5.96	31.29 0.82 -4.72	28.51 0.93 -0.97	26.76 0.91 0.03	25.22 0.83 0.12	24.13 0.84 0.04	23.46 0.87 -0.17	22.26 0.81 -0.02	22.65 0.85 0.01	24.04 0.86 -0.06	25.31 0.84 0.12	36.34 0.88 -8.84	43.54 0.83 -17.67	48.78 0.87 -21.51	71.99 0.85 -44.51	32.30 0.79 -6.70	23.87 0.76 -0.18	21.49 0.59 0.00
BETHLEHEM___GS1 323560	21.37 0.49 -4.60	20.37 0.53 -3.37	19.73 0.51 -3.40	19.33 0.54 -2.97	19.95 0.51 -4.04	20.83 0.59 -2.36	27.96 0.64 -5.93	31.23 0.82 -4.66	28.18 0.93 -0.65	26.60 0.91 0.19	25.07 0.83 0.26	24.03 0.86 0.17	23.35 0.87 -0.06	22.16 0.81 0.08	22.53 0.83 0.11	23.93 0.86 0.05	25.16 0.84 0.28	34.67 0.88 -7.17	40.56 0.83 -14.69	45.15 0.87 -17.89	64.21 0.85 -36.74	31.19 0.79 -5.59	23.84 0.76 -0.15	21.47 0.56 0.00
BETHLEHEM___GS2 323561	21.37 0.49 -4.60	20.37 0.53 -3.37	19.73 0.51 -3.40	19.33 0.54 -2.97	19.95 0.51 -4.04	20.83 0.59 -2.36	27.96 0.64 -5.93	31.23 0.82 -4.66	28.18 0.93 -0.65	26.60 0.91 0.19	25.07 0.83 0.26	24.03 0.86 0.17	23.35 0.87 -0.06	22.16 0.81 0.08	22.53 0.83 0.11	23.93 0.86 0.05	25.16 0.84 0.28	34.67 0.88 -7.17	40.56 0.83 -14.69	45.15 0.87 -17.89	64.21 0.85 -36.74	31.19 0.79 -5.59	23.84 0.76 -0.15	21.47 0.56 0.00
BETHLEHEM___GS3 323562	21.37 0.49 -4.60	20.37 0.53 -3.37	19.73 0.51 -3.40	19.33 0.54 -2.97	19.95 0.51 -4.04	20.83 0.59 -2.36	27.96 0.64 -5.93	31.23 0.82 -4.66	28.18 0.93 -0.65	26.60 0.91 0.19	25.07 0.83 0.26	24.03 0.86 0.17	23.35 0.87 -0.06	22.16 0.81 0.08	22.53 0.83 0.11	23.93 0.86 0.05	25.16 0.84 0.28	34.67 0.88 -7.17	40.56 0.83 -14.69	45.15 0.87 -17.89	64.21 0.85 -36.74	31.19 0.79 -5.59	23.84 0.76 -0.15	21.47 0.56 0.00
BETHLEHEM___STEEL 23779	16.74 -0.57 -1.03	16.86 -0.46 -0.84	16.15 -0.51 -0.83	16.09 -0.47 -0.75	15.83 -0.46 -0.89	17.85 -0.63 -0.59	21.19 -0.53 -0.34	23.55 -0.77 1.42	23.79 -0.85 1.96	23.34 -0.83 1.72	22.51 -0.71 1.28	21.95 -0.79 0.59	21.42 -0.76 0.23	21.22 -0.64 -0.43	21.27 -0.76 -0.23	22.35 -0.88 -0.10	22.40 -0.84 1.37	24.34 -1.09 1.19	24.83 -0.80 -0.59	26.72 -0.63 -0.96	29.45 -0.67 -3.49	24.51 -0.69 -0.40	21.97 -0.99 -0.02	20.57 -0.33 0.00
BETHLHEM_115KV_TB1 79974	21.45 0.54 -4.63	20.46 0.58 -3.41	19.81 0.55 -3.44	19.40 0.57 -3.01	20.00 0.54 -4.06	20.89 0.63 -2.38	28.04 0.71 -5.95	31.37 0.90 -4.72	28.57 1.01 -0.95	26.85 0.98 0.02	25.29 0.88 0.10	24.22 0.91 0.03	23.52 0.92 -0.19	22.31 0.86 -0.03	22.70 0.89 0.00	24.11 0.90 -0.08	25.38 0.89 0.10	36.15 0.93 -8.59	43.06 0.90 -17.12	48.19 0.95 -20.84	70.77 0.93 -43.21	32.14 0.84 -6.49	23.94 0.83 -0.17	21.54 0.63 0.00
BETHPAGE_CC_5 323564	22.35 1.79 -4.28	20.99 1.68 -2.84	20.39 1.71 -2.86	20.02 1.69 -2.50	20.30 1.49 -3.40	21.73 1.86 -1.98	29.91 2.27 -6.26	33.00 2.81 -4.45	30.37 3.06 -0.71	29.23 2.95 -0.40	28.55 2.82 -1.23	26.53 2.75 -0.44	26.48 2.64 -1.42	28.64 2.46 -4.75	26.48 2.51 -2.17	28.83 2.73 -2.97	32.65 2.73 -5.32	37.92 2.96 -8.34	43.44 2.75 -15.64	44.91 2.93 -15.58	74.95 2.85 -45.47	37.29 2.60 -9.87	31.64 2.57 -6.14	25.22 2.15 -2.16
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.70 -0.62 -1.04	16.82 -0.51 -0.85	16.11 -0.55 -0.84	16.05 -0.52 -0.75	15.79 -0.51 -0.90	17.82 -0.66 -0.59	21.28 -0.51 -0.41	23.63 -0.88 1.24	24.04 -0.77 1.80	23.58 -0.72 1.57	22.69 -0.64 1.17	22.16 -0.65 0.52	21.51 -0.72 0.19	21.34 -0.51 -0.43	21.41 -0.63 -0.24	22.51 -0.74 -0.12	22.61 -0.74 1.25	24.62 -1.01 0.99	25.12 -0.68 -0.75	27.07 -0.48 -1.14	29.89 -0.53 -3.80	24.71 -0.55 -0.45	22.11 -0.85 -0.02	20.66 -0.25 0.00
BINGHAMTON___COGEN 23790	18.25 0.33 -1.65	18.11 0.35 -1.29	17.40 0.30 -1.28	17.27 0.32 -1.13	17.13 0.29 -1.44	19.18 0.39 -0.90	24.07 0.58 -2.10	28.49 0.59 -2.16	28.26 0.67 -0.99	27.24 0.62 -0.73	25.79 0.61 -0.67	24.45 0.56 -0.56	23.45 0.47 -0.57	22.33 0.51 -0.39	22.68 0.48 -0.39	24.18 0.53 -0.52	25.81 0.57 -0.64	30.03 0.56 -2.84	30.08 0.63 -4.42	32.55 0.77 -5.38	38.98 0.75 -11.60	27.11 0.67 -1.63	23.41 0.44 -0.04	21.43 0.52 0.00
BIXINCNT_115KV_LOAD 355685	16.44 -0.91 -1.07	16.58 -0.77 -0.88	15.88 -0.81 -0.87	15.84 -0.76 -0.78	15.61 -0.72 -0.93	17.62 -0.88 -0.61	21.56 -0.53 -0.71	24.22 -1.11 0.42	24.87 -0.72 1.01	24.27 -0.70 0.91	23.18 -0.69 0.64	22.50 -0.63 0.21	21.68 -0.76 -0.03	21.39 -0.47 -0.43	21.53 -0.57 -0.29	22.74 -0.62 -0.24	23.20 -0.69 0.71	25.50 -1.01 0.12	25.95 -0.48 -1.38	28.01 -0.24 -1.85	31.22 -0.32 -4.92	25.19 -0.25 -0.63	22.30 -0.67 -0.02	20.83 -0.08 0.00
BLACK RIVER___HYD 24047	23.78 -0.11 -7.61	23.90 -0.20 -7.62	22.75 -0.32 -7.25	22.23 -0.30 -6.70	21.59 -0.28 -6.47	22.86 -0.29 -5.27	28.21 -0.28 -7.10	37.00 -0.21 -11.46	37.96 -0.35 -11.70	36.66 -0.54 -11.32	34.70 -0.54 -10.74	32.99 -0.56 -10.21	31.61 -0.60 -9.80	30.21 -0.53 -9.32	29.92 -0.61 -8.73	31.82 -0.62 -9.32	33.80 -0.61 -9.81	33.28 -0.40 -7.06	25.56 -0.12 -0.64	28.39 0.11 -1.89	26.84 0.21 0.00	24.81 0.00 0.00	22.66 -0.27 0.00	20.64 -0.27 0.00

BLACKRVR_115KV_TB2 79977	23.35 -0.11 -7.18	23.46 -0.20 -7.18	22.34 -0.32 -6.84	21.87 -0.30 -6.35	21.25 -0.28 -6.12	22.58 -0.29 -4.98	27.83 -0.28 -6.73	36.55 -0.21 -11.01	37.49 -0.35 -11.23	36.18 -0.54 -10.84	34.27 -0.51 -10.28	32.56 -0.56 -9.78	31.20 -0.61 -9.39	29.82 -0.54 -8.93	29.56 -0.63 -8.39	31.46 -0.62 -8.96	33.41 -0.61 -9.43	33.22 -0.43 -7.03	25.99 -0.13 -1.08	28.87 0.11 -2.37	28.10 0.21 -1.26	24.98 0.00 -0.17	22.64 -0.30 0.00	20.62 -0.29 0.00
BLISS_WT_PWR 323608	15.99 -1.03 -0.74	16.14 -0.87 -0.54	15.47 -0.90 -0.55	15.44 -0.85 -0.48	15.23 -0.82 -0.65	17.30 -0.97 -0.38	20.72 -0.49 0.18	22.18 -1.21 2.36	22.75 -0.80 3.05	22.24 -0.83 2.81	21.42 -0.83 2.25	21.19 -0.79 1.34	20.68 -0.85 0.88	20.86 -0.56 0.01	20.96 -0.61 0.23	21.91 -0.76 0.45	21.51 -0.79 2.30	23.09 -0.96 2.58	24.06 -0.55 0.43	25.84 -0.26 0.29	27.39 -0.29 -1.06	24.60 -0.27 -0.06	22.26 -0.69 -0.02	20.81 -0.10 0.00
BLUE_CIRC_CHEM_DRP 24182	21.52 0.68 -4.56	20.56 0.72 -3.36	19.89 0.68 -3.39	19.48 0.70 -2.96	20.09 0.69 -4.00	21.04 0.80 -2.35	28.21 0.96 -5.86	31.67 1.21 -4.71	28.78 1.28 -0.90	27.20 1.24 -0.07	25.65 1.13 -0.02	24.45 1.07 -0.05	23.74 1.08 -0.26	22.49 1.01 -0.06	22.88 1.02 -0.05	24.37 1.06 -0.18	25.70 1.08 -0.01	35.43 1.14 -7.66	41.10 1.10 -14.95	45.75 1.16 -18.20	66.00 1.14 -38.23	31.53 1.07 -5.65	24.10 1.01 -0.15	21.72 0.82 0.00
BOC_GAS_DRP 24189	21.52 0.65 -4.59	20.51 0.66 -3.38	19.86 0.63 -3.41	19.45 0.65 -2.98	20.04 0.62 -4.02	20.96 0.72 -2.36	28.12 0.83 -5.90	31.55 1.06 -4.75	28.63 1.17 -0.85	27.10 1.14 -0.08	25.58 1.05 -0.03	24.41 1.03 -0.05	23.70 1.03 -0.26	22.43 0.94 -0.06	22.84 0.98 -0.05	24.35 1.04 -0.19	25.68 1.06 -0.02	34.95 1.12 -7.21	40.15 1.05 -14.06	44.61 1.11 -17.11	63.67 1.09 -35.95	31.14 1.02 -5.32	24.04 0.96 -0.14	21.68 0.77 0.00
BOONVILLE_115KV_TB1 79983	20.22 0.23 -3.71	20.35 0.16 -3.71	19.41 0.06 -3.53	19.16 0.06 -3.27	18.64 0.08 -3.16	20.58 0.13 -2.57	24.98 0.11 -3.49	31.64 0.21 -5.69	32.64 0.27 -5.77	31.64 0.18 -5.58	30.04 0.25 -5.29	28.45 0.09 -5.03	27.31 0.07 -4.83	26.10 0.09 -4.58	26.18 0.07 -4.31	27.82 0.09 -4.60	29.57 0.12 -4.85	30.48 0.29 -3.56	25.93 0.45 -0.44	28.08 0.61 -1.08	27.61 0.64 -0.35	25.33 0.47 -0.05	23.17 0.23 0.00	21.16 0.25 0.00
BORALEX_4TH_BRANCH 23824	21.82 0.91 -4.62	20.83 0.97 -3.38	20.11 0.87 -3.42	19.68 0.87 -2.99	20.35 0.89 -4.06	21.29 1.04 -2.37	28.54 1.20 -5.96	31.74 1.54 -4.45	28.90 1.70 -0.59	27.02 1.63 0.49	25.35 1.52 0.67	24.40 1.49 0.42	23.64 1.41 0.19	22.51 1.29 0.20	22.85 1.31 0.27	24.17 1.46 0.42	25.45 1.53 0.68	36.13 1.65 -7.86	43.89 1.55 -17.30	49.17 1.66 -21.11	69.37 1.62 -41.12	32.96 1.51 -6.63	24.58 1.47 -0.18	22.04 1.13 0.00
BOWLINE___1 23526	21.39 1.30 -3.81	20.50 1.24 -2.79	19.87 1.23 -2.82	19.52 1.23 -2.46	19.90 1.16 -3.34	21.18 1.34 -1.95	27.92 1.62 -4.91	32.22 2.11 -4.36	29.63 2.34 -0.69	28.54 2.28 -0.38	27.17 2.16 -0.51	25.76 2.10 -0.33	24.96 2.04 -0.51	23.45 1.89 -0.14	23.91 1.92 -0.19	25.85 2.13 -0.59	27.22 2.14 -0.48	33.89 2.26 -5.00	35.28 2.13 -8.11	38.44 2.24 -9.80	52.91 2.18 -24.10	29.80 2.01 -2.98	24.87 1.86 -0.08	22.44 1.53 0.00
BOWLINE___2 23595	21.39 1.30 -3.81	20.50 1.24 -2.79	19.87 1.23 -2.82	19.52 1.23 -2.46	19.90 1.16 -3.34	21.18 1.34 -1.95	27.92 1.62 -4.91	32.22 2.11 -4.36	29.63 2.34 -0.69	28.54 2.28 -0.38	27.17 2.16 -0.51	25.78 2.12 -0.33	24.96 2.04 -0.51	23.45 1.89 -0.14	23.91 1.92 -0.19	25.85 2.13 -0.59	27.22 2.14 -0.48	33.89 2.26 -5.01	35.28 2.13 -8.11	38.44 2.24 -9.80	52.91 2.18 -24.10	29.80 2.01 -2.98	24.87 1.86 -0.08	22.44 1.53 0.00
BRADY___115KV_TB2 356060	2.91 -0.33 13.04	2.96 -0.35 13.17	2.90 -0.35 12.57	3.20 -0.35 12.27	3.34 -0.35 11.71	7.82 -0.43 9.64	8.14 -0.53 12.71	4.95 -0.41 20.39	4.97 -0.48 21.16	4.94 -0.49 20.45	4.65 -0.47 19.39	4.37 -0.51 18.44	4.24 -0.49 17.68	4.05 -0.47 16.91	4.63 -0.55 16.63	4.84 -0.56 17.73	5.30 -0.61 18.69	12.56 -0.64 13.43	23.25 -0.60 1.19	22.17 -0.66 3.56	26.09 -0.61 -0.07	24.25 -0.57 -0.01	22.48 -0.46 0.00	20.47 -0.44 0.00
BRANSCOMB___SOLAR 323811	21.98 0.93 -4.77	20.92 0.96 -3.49	20.25 0.90 -3.53	19.77 0.87 -3.08	20.47 0.88 -4.19	21.38 1.05 -2.44	28.92 1.39 -6.15	32.24 1.73 -4.77	29.39 1.86 -0.93	27.33 1.71 0.26	25.69 1.54 0.36	24.58 1.47 0.23	23.84 1.41 -0.01	22.60 1.29 0.11	22.99 1.33 0.15	24.43 1.43 0.13	25.73 1.50 0.37	38.53 1.65 -10.25	47.53 1.55 -20.94	53.60 1.71 -25.49	80.90 1.78 -52.49	34.43 1.66 -7.96	24.64 1.49 -0.21	22.06 1.15 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.55 1.90 -4.37	21.20 1.80 -2.93	20.59 1.82 -2.95	20.21 1.80 -2.58	20.45 1.57 -3.47	21.90 1.97 -2.05	30.14 2.40 -6.36	33.25 2.99 -4.51	30.93 3.19 -1.13	29.57 3.08 -0.61	28.66 2.74 -1.41	26.73 2.80 -0.60	26.68 2.71 -1.56	28.83 2.53 -4.88	26.70 2.59 -2.30	29.03 2.78 -3.13	32.95 2.83 -5.53	40.37 3.06 -10.68	47.74 2.90 -19.80	50.18 3.14 -20.64	86.09 3.04 -56.43	38.97 2.73 -11.43	31.80 2.68 -6.18	25.26 2.20 -2.16
BRISTLHL_115KV_TB1 79998	17.05 -0.10 -0.86	17.15 -0.10 -0.78	16.46 -0.11 -0.75	16.40 -0.11 -0.69	16.04 -0.11 -0.74	18.34 -0.09 -0.54	22.22 -0.09 -0.92	26.77 -0.13 -1.15	27.29 -0.19 -0.87	26.49 -0.21 -0.81	25.13 -0.15 -0.77	23.88 -0.19 -0.74	22.91 -0.22 -0.72	21.88 -0.21 -0.67	22.20 -0.24 -0.63	23.54 -0.28 -0.69	25.04 -0.27 -0.71	27.28 -0.29 -0.95	25.66 -0.25 -0.87	27.35 -0.18 -1.14	28.70 -0.19 -2.26	24.90 -0.22 -0.31	22.65 -0.30 -0.01	20.74 -0.17 0.00
BROOKHAVEN___DRP 24191	22.46 1.81 -4.37	21.08 1.68 -2.93	20.49 1.72 -2.95	20.11 1.71 -2.58	20.35 1.48 -3.47	21.81 1.88 -2.05	29.86 2.12 -6.36	32.89 2.63 -4.51	30.55 2.82 -1.13	29.21 2.72 -0.61	28.31 2.40 -1.41	26.43 2.50 -0.60	26.39 2.42 -1.56	28.55 2.25 -4.88	26.42 2.31 -2.30	28.71 2.45 -3.13	32.63 2.51 -5.53	40.02 2.72 -10.68	47.42 2.58 -19.80	49.78 2.75 -20.64	85.72 2.66 -56.43	38.60 2.36 -11.43	31.45 2.34 -6.18	24.97 1.90 -2.16
BROOKLYN_NAVY_YARD 23515	21.63 1.48 -3.87	20.68 1.37 -2.83	20.06 1.38 -2.86	19.72 1.39 -2.50	20.08 1.28 -3.40	21.35 1.48 -1.98	28.19 1.82 -4.99	32.59 2.39 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.45 2.40 -0.54	26.06 2.38 -0.34	25.23 2.29 -0.53	23.70 2.12 -0.15	24.16 2.16 -0.20	26.13 2.38 -0.62	27.46 2.36 -0.50	34.30 2.56 -5.12	35.67 2.38 -8.25	38.81 2.46 -9.96	53.61 2.37 -24.62	30.03 2.18 -3.03	25.13 2.11 -0.08	22.64 1.73 0.00
BROOKLYN___ARMY_DRP 323595	21.85 1.61 -3.96	20.92 1.52 -2.93	20.29 1.52 -2.95	19.92 1.52 -2.58	20.32 1.43 -3.48	21.52 1.59 -2.05	28.38 1.90 -5.09	32.81 2.55 -4.51	30.50 2.77 -1.13	29.18 2.69 -0.61	27.78 2.55 -0.73	26.39 2.54 -0.51	25.58 2.49 -0.68	24.00 2.29 -0.28	24.52 2.38 -0.34	26.50 2.59 -0.78	27.94 2.63 -0.71	36.91 2.82 -7.47	40.10 2.65 -12.41	44.14 2.72 -15.02	64.84 2.64 -35.58	31.80 2.41 -4.59	25.38 2.32 -0.13	22.88 1.97 -0.01



BROOKVLE_69_KV_TB1 55790	22.36 1.71 -4.37	21.02 1.61 -2.93	20.40 1.63 -2.95	20.02 1.61 -2.58	20.34 1.46 -3.47	21.68 1.75 -2.05	29.90 2.16 -6.36	33.02 2.75 -4.51	30.71 2.98 -1.13	29.39 2.90 -0.61	28.63 2.72 -1.41	26.64 2.71 -0.60	26.59 2.62 -1.56	28.75 2.44 -4.88	26.61 2.51 -2.30	28.98 2.73 -3.13	32.90 2.78 -5.53	40.26 2.96 -10.68	47.64 2.80 -19.80	49.94 2.90 -20.64	85.91 2.85 -56.43	38.87 2.63 -11.43	31.59 2.48 -6.18	25.14 2.07 -2.16
BROOME_2_LFGE 323671	17.91 0.33 -1.31	17.78 0.35 -0.96	17.09 0.30 -0.97	16.98 0.32 -0.84	16.84 0.29 -1.15	18.95 0.39 -0.67	23.66 0.60 -1.68	27.70 0.59 -1.36	27.45 0.67 -0.18	26.55 0.62 -0.04	25.15 0.59 -0.06	23.91 0.54 -0.04	22.98 0.47 -0.10	21.96 0.51 -0.02	22.33 0.50 -0.03	23.75 0.51 -0.12	25.23 0.57 -0.07	28.88 0.59 -1.67	28.67 0.63 -3.01	30.81 0.77 -3.64	35.63 0.74 -8.26	26.60 0.67 -1.12	23.42 0.46 -0.03	21.43 0.52 0.00
BROOME___LFGE 323600	17.91 0.33 -1.31	17.78 0.35 -0.96	17.09 0.30 -0.97	16.98 0.32 -0.84	16.84 0.29 -1.15	18.95 0.39 -0.67	23.66 0.60 -1.68	27.70 0.59 -1.36	27.45 0.67 -0.18	26.55 0.62 -0.04	25.15 0.59 -0.06	23.91 0.54 -0.04	22.98 0.47 -0.10	21.96 0.51 -0.02	22.33 0.50 -0.03	23.75 0.51 -0.12	25.23 0.57 -0.07	28.88 0.59 -1.67	28.67 0.63 -3.01	30.81 0.77 -3.64	35.63 0.74 -8.26	26.60 0.67 -1.12	23.42 0.46 -0.03	21.43 0.52 0.00
BROWNFLS_115KV_TB_3_5 80003	-9.42 -0.50 25.19	-9.56 -0.59 25.44	-9.10 -0.65 24.27	-8.37 -0.60 23.59	-7.76 -0.66 22.51	-1.40 -0.77 18.52	-3.95 -0.92 24.41	-14.33 -0.72 39.36	-15.06 -0.77 40.89	-14.57 -0.93 39.52	-13.81 -0.83 37.48	-13.16 -0.84 35.65	-12.60 -0.85 34.17	-12.01 -0.77 32.67	-11.10 -0.92 31.99	-11.86 -0.88 34.11	-12.43 -1.08 35.95	-0.33 -1.17 25.78	21.75 -1.08 2.21	18.57 -1.08 6.75	25.99 -1.01 -0.37	23.87 -0.99 -0.05	21.97 -0.96 0.00	19.97 -0.94 0.00
BROWNSV1_27_KV_LOAD 356125	21.85 1.61 -3.96	20.90 1.50 -2.93	20.27 1.50 -2.95	19.92 1.52 -2.58	20.29 1.42 -3.47	21.56 1.63 -2.05	28.44 1.97 -5.09	32.86 2.60 -4.51	30.61 2.87 -1.13	29.29 2.80 -0.61	27.85 2.62 -0.73	26.43 2.59 -0.50	25.59 2.51 -0.67	24.04 2.34 -0.28	24.53 2.40 -0.33	26.51 2.61 -0.77	27.94 2.63 -0.71	36.91 2.82 -7.46	40.10 2.65 -12.41	44.16 2.75 -15.02	64.86 2.66 -35.57	31.80 2.41 -4.59	25.35 2.29 -0.12	22.83 1.92 0.00
BURROWS___LYONSDAL 23803	21.43 0.15 -5.00	21.53 0.05 -5.00	20.52 -0.06 -4.76	20.20 -0.05 -4.42	19.62 -0.05 -4.26	21.34 -0.02 -3.47	26.02 -0.04 -4.68	33.48 0.05 -7.68	34.50 0.05 -7.84	33.44 -0.03 -7.58	31.71 0.02 -7.19	30.05 -0.12 -6.83	28.83 -0.13 -6.56	27.57 -0.09 -6.23	27.55 -0.11 -5.85	29.31 -0.07 -6.25	31.11 -0.07 -6.59	31.53 0.08 -4.82	25.95 0.33 -0.58	28.32 0.48 -1.45	27.59 0.53 -0.43	25.21 0.35 -0.06	23.03 0.09 0.00	21.01 0.10 0.00
CAITHNESS_CC_1 323624	22.37 1.81 -4.28	20.99 1.68 -2.84	20.41 1.72 -2.86	20.02 1.69 -2.50	20.27 1.46 -3.40	21.73 1.86 -1.98	29.78 2.14 -6.26	32.85 2.65 -4.45	30.19 2.87 -0.71	29.03 2.74 -0.40	28.35 2.62 -1.23	26.32 2.54 -0.44	26.28 2.44 -1.42	28.45 2.27 -4.75	26.22 2.25 -2.17	28.57 2.48 -2.97	32.43 2.51 -5.32	37.68 2.72 -8.34	43.21 2.53 -15.64	44.70 2.72 -15.58	74.73 2.64 -45.47	37.01 2.33 -9.87	31.43 2.36 -6.14	24.99 1.92 -2.16
CALPINE BETH_PAGE_GT4 24209	22.44 1.79 -4.37	21.08 1.68 -2.93	20.48 1.71 -2.95	20.10 1.69 -2.58	20.37 1.49 -3.47	21.79 1.86 -2.05	29.97 2.22 -6.36	33.04 2.78 -4.51	30.74 3.01 -1.13	29.42 2.92 -0.61	28.61 2.70 -1.41	26.64 2.71 -0.60	26.59 2.62 -1.56	28.75 2.44 -4.88	26.61 2.51 -2.30	28.96 2.71 -3.13	32.81 2.68 -5.53	40.16 2.85 -10.68	47.54 2.70 -19.80	49.89 2.85 -20.64	85.83 2.77 -56.43	38.77 2.53 -11.43	31.66 2.55 -6.18	25.22 2.15 -2.16
CALPINE_BETH_PAGE_GT_4 323586	22.35 1.79 -4.28	20.99 1.68 -2.84	20.39 1.71 -2.86	20.02 1.69 -2.50	20.30 1.49 -3.40	21.73 1.86 -1.98	29.87 2.22 -6.26	32.98 2.78 -4.45	30.32 3.01 -0.71	29.21 2.92 -0.40	28.52 2.79 -1.23	26.50 2.73 -0.44	26.46 2.62 -1.42	28.62 2.44 -4.75	26.46 2.48 -2.17	28.80 2.70 -2.97	32.58 2.66 -5.32	37.84 2.88 -8.34	43.36 2.68 -15.64	44.83 2.85 -15.58	74.89 2.79 -45.47	37.22 2.53 -9.87	31.62 2.55 -6.14	25.22 2.15 -2.16
CALPINE_BP_GT1 23823	22.35 1.79 -4.28	20.99 1.68 -2.84	20.39 1.71 -2.86	20.02 1.69 -2.50	20.30 1.49 -3.40	21.73 1.86 -1.98	29.87 2.22 -6.26	32.98 2.78 -4.45	30.32 3.01 -0.71	29.21 2.92 -0.40	28.52 2.79 -1.23	26.50 2.73 -0.44	26.46 2.62 -1.42	28.62 2.44 -4.75	26.46 2.48 -2.17	28.80 2.70 -2.97	32.58 2.66 -5.32	37.84 2.88 -8.34	43.36 2.68 -15.64	44.83 2.85 -15.58	74.89 2.79 -45.47	37.22 2.53 -9.87	31.62 2.55 -6.14	25.22 2.15 -2.16
CALSPAN___DRP 24200	16.74 -0.57 -1.03	16.86 -0.46 -0.84	16.15 -0.51 -0.83	16.09 -0.47 -0.75	15.83 -0.46 -0.89	17.85 -0.63 -0.59	21.19 -0.53 -0.34	23.55 -0.77 1.42	23.79 -0.85 1.96	23.34 -0.83 1.72	22.51 -0.71 1.28	21.95 -0.79 0.59	21.42 -0.76 0.23	21.22 -0.64 -0.43	21.27 -0.76 -0.23	22.35 -0.88 -0.10	22.40 -0.84 1.37	24.34 -1.09 1.19	24.83 -0.80 -0.59	26.72 -0.63 -0.96	29.45 -0.67 -3.49	24.51 -0.69 -0.40	21.97 -0.99 -0.02	20.57 -0.33 0.00
CALVERTON___SOLAR 323806	22.40 1.84 -4.28	21.02 1.71 -2.84	20.44 1.76 -2.86	20.06 1.74 -2.50	20.30 1.49 -3.40	21.78 1.91 -1.98	29.78 2.14 -6.26	32.82 2.63 -4.45	30.16 2.85 -0.71	29.03 2.74 -0.40	28.33 2.60 -1.23	26.32 2.54 -0.44	26.28 2.44 -1.42	28.42 2.25 -4.75	26.22 2.25 -2.17	28.57 2.48 -2.97	32.45 2.53 -5.32	37.71 2.74 -8.34	43.24 2.56 -15.64	44.72 2.75 -15.58	74.76 2.66 -45.47	37.04 2.36 -9.87	31.43 2.36 -6.14	24.99 1.92 -2.16
CANDIGU_WT_PWR 323617	17.02 -0.16 -0.90	17.04 -0.10 -0.66	16.36 -0.13 -0.67	16.30 -0.11 -0.58	16.09 -0.11 -0.79	18.24 -0.11 -0.46	12.80 0.13 8.71	-4.47 -0.10 30.11	-4.10 -0.11 30.60	-0.70 -0.18 26.40	3.15 -0.20 21.15	10.49 -0.21 12.64	13.68 -0.18 8.55	21.26 -0.09 0.08	19.51 -0.13 2.17	18.41 -0.21 4.51	2.87 -0.12 21.61	-4.35 -0.13 30.85	7.49 0.03 17.58	7.55 0.24 19.08	2.32 0.21 24.52	20.53 0.12 4.40	22.80 -0.16 -0.02	21.08 0.17 0.00
CARR STREET_E_SYR 24060	17.45 0.07 -1.10	17.56 0.08 -1.01	16.86 0.06 -0.97	16.79 0.06 -0.90	16.43 0.06 -0.97	18.70 0.11 -0.71	22.69 0.13 -1.18	27.35 0.16 -1.45	27.75 0.08 -1.07	26.96 0.08 -0.99	25.57 0.12 -0.94	24.32 0.09 -0.90	23.36 0.07 -0.88	22.33 0.09 -0.82	22.66 0.07 -0.79	24.03 0.05 -0.85	25.56 0.07 -0.88	27.72 0.08 -1.02	25.92 0.08 -0.80	27.63 0.16 -1.07	28.70 0.13 -1.94	25.19 0.10 -0.28	22.92 -0.02 -0.01	20.99 0.08 0.00
CARTHAGE___PAPER 23857	24.91 -0.19 -8.83	25.01 -0.31 -8.85	23.81 -0.43 -8.42	23.20 -0.41 -7.79	22.50 -0.40 -7.50	23.57 -0.43 -6.12	29.15 -0.45 -8.21	38.66 -0.41 -13.32	39.77 -0.51 -13.68	38.39 -0.72 -13.23	36.31 -0.73 -12.55	34.55 -0.72 -11.94	33.13 -0.74 -11.45	31.65 -0.66 -10.89	31.27 -0.74 -10.20	33.30 -0.72 -10.89	35.33 -0.74 -11.46	34.36 -0.51 -8.25	25.56 -0.23 -0.75	28.57 -0.03 -2.20	26.71 0.08 0.00	24.71 -0.10 0.00	22.57 -0.37 0.00	20.55 -0.36 0.00

CASSADAGA_WT_PWR 323784	16.29 -0.72 -0.72	16.43 -0.58 -0.53	15.71 -0.65 -0.53	15.59 -0.70 -0.47	15.30 -0.74 -0.63	17.18 -1.07 -0.37	20.31 -0.69 0.39	21.07 -1.03 3.65	21.27 -1.04 4.30	20.94 -1.09 3.86	20.31 -1.10 3.09	20.25 -1.24 1.85	20.05 -1.14 1.22	20.54 -0.88 0.01	20.51 -0.98 0.32	21.38 -1.11 0.63	20.41 -1.03 3.16	21.58 -1.17 3.87	22.92 -0.85 1.27	24.53 -0.66 1.21	25.77 -0.61 0.25	24.08 -0.57 0.16	22.08 -0.87 -0.02	20.62 -0.29 0.00
CE_DUNWOOD___DRP 24194	21.62 1.38 -3.96	20.70 1.30 -2.92	20.08 1.31 -2.94	19.71 1.31 -2.58	20.10 1.23 -3.47	21.34 1.41 -2.04	28.18 1.71 -5.08	32.49 2.24 -4.51	30.18 2.45 -1.13	28.90 2.41 -0.61	27.48 2.25 -0.73	26.05 2.22 -0.50	25.23 2.15 -0.67	23.70 1.99 -0.28	24.18 2.05 -0.33	26.14 2.24 -0.77	27.57 2.26 -0.71	36.47 2.40 -7.45	39.68 2.25 -12.39	43.77 2.38 -15.00	64.46 2.32 -35.52	31.50 2.11 -4.58	25.03 1.97 -0.12	22.54 1.63 0.00
CE_MILLWOOD___DRP 24193	21.59 1.35 -3.96	20.68 1.29 -2.92	20.03 1.27 -2.95	19.68 1.28 -2.58	20.07 1.20 -3.47	21.31 1.38 -2.04	28.14 1.67 -5.09	32.44 2.19 -4.51	30.13 2.39 -1.13	28.82 2.33 -0.61	27.41 2.18 -0.73	25.98 2.15 -0.50	25.17 2.08 -0.67	23.63 1.93 -0.28	24.12 1.98 -0.33	26.07 2.17 -0.77	27.50 2.19 -0.71	36.39 2.32 -7.45	39.63 2.20 -12.39	43.69 2.30 -15.00	64.39 2.24 -35.53	31.45 2.06 -4.58	24.99 1.93 -0.12	22.50 1.59 0.00
CE_NYC2_DRP 24202	21.80 1.56 -3.96	20.87 1.47 -2.93	20.24 1.47 -2.95	19.89 1.49 -2.58	20.27 1.39 -3.48	21.50 1.57 -2.05	28.34 1.86 -5.09	32.73 2.47 -4.51	30.45 2.71 -1.13	29.16 2.67 -0.61	27.73 2.50 -0.73	26.32 2.47 -0.51	25.51 2.42 -0.68	23.96 2.25 -0.28	24.45 2.31 -0.34	26.41 2.50 -0.78	27.82 2.51 -0.71	36.78 2.69 -7.47	39.98 2.53 -12.41	44.03 2.61 -15.02	64.73 2.53 -35.58	31.71 2.31 -4.59	25.27 2.20 -0.13	22.78 1.86 -0.01
CE_NYC_DRP 24195	21.75 1.51 -3.96	20.82 1.42 -2.93	20.19 1.42 -2.95	19.84 1.44 -2.58	20.22 1.34 -3.47	21.47 1.54 -2.05	28.34 1.86 -5.09	32.71 2.45 -4.51	30.42 2.69 -1.13	29.13 2.64 -0.61	27.70 2.47 -0.73	26.26 2.43 -0.50	25.46 2.38 -0.67	23.91 2.21 -0.28	24.40 2.27 -0.33	26.35 2.45 -0.77	27.77 2.46 -0.71	36.72 2.64 -7.46	39.93 2.48 -12.41	43.98 2.56 -15.02	64.68 2.48 -35.57	31.66 2.26 -4.59	25.22 2.16 -0.12	22.71 1.80 0.00
CHAFFEE___LFGE 323603	16.31 -0.68 -0.71	16.44 -0.56 -0.52	15.73 -0.62 -0.53	15.71 -0.57 -0.46	15.47 -0.55 -0.62	17.51 -0.73 -0.36	20.34 -0.47 0.58	21.07 -0.98 3.70	21.43 -0.82 4.35	21.14 -0.83 3.91	20.56 -0.81 3.13	20.67 -0.79 1.87	20.41 -0.76 1.24	20.86 -0.56 0.01	20.85 -0.63 0.32	21.68 -0.81 0.64	20.61 -0.79 3.20	21.73 -0.96 3.94	23.04 -0.67 1.32	24.67 -0.45 1.28	25.76 -0.51 0.36	24.11 -0.52 0.18	22.13 -0.82 -0.02	20.70 -0.21 0.00
CHATEAUG_35_KV_LOAD 355732	-2.93 -1.06 18.15	-2.94 -1.09 18.33	-2.17 -1.03 16.96	4.37 -1.00 10.45	4.59 -0.83 9.98	8.87 -0.80 8.21	9.66 -0.90 10.83	-2.42 -1.47 26.70	-3.55 -1.57 28.58	-3.53 -1.55 27.86	-3.47 -1.59 26.38	-3.26 -1.45 25.15	-3.11 -1.39 24.13	-2.17 -1.33 22.27	6.49 -1.16 14.16	6.83 -1.20 15.10	7.61 -1.08 15.91	14.25 -0.93 11.44	23.38 -0.63 1.03	22.77 -0.58 3.05	26.14 -0.51 -0.02	24.64 -0.17 0.00	22.89 -0.05 0.00	20.74 -0.17 0.00
CHATEAUG_WT_PWR 323614	-0.53 -1.09 15.72	-0.53 -1.14 15.87	0.04 -1.09 14.69	5.61 -1.06 9.15	5.79 -0.88 8.74	9.86 -0.84 7.18	10.95 -0.94 9.49	0.27 -1.54 23.93	-0.52 -1.57 25.56	-0.53 -1.50 24.91	-0.53 -1.45 23.59	-0.53 -1.38 22.49	-0.53 -1.37 21.57	0.18 -1.33 19.91	7.89 -1.16 12.76	8.27 -1.25 13.61	9.13 -1.13 14.34	15.30 -1.01 10.31	23.43 -0.67 0.94	23.06 -0.58 2.76	26.12 -0.51 0.00	24.74 -0.07 0.00	22.96 0.02 0.00	20.81 -0.10 0.00
CHAT_HIGH_FALL_HYD 323578	-1.52 -1.06 16.74	-1.51 -1.09 16.90	-0.85 -1.03 15.64	5.12 -1.00 9.70	5.31 -0.83 9.27	9.46 -0.80 7.62	10.42 -0.90 10.06	-1.11 -1.47 25.39	-2.09 -1.57 27.12	-2.08 -1.53 26.44	-2.03 -1.50 25.03	-1.96 -1.42 23.87	-1.88 -1.39 22.90	-1.04 -1.33 21.13	7.15 -1.16 13.50	7.53 -1.20 14.40	8.34 -1.08 15.17	14.75 -0.96 10.91	23.43 -0.63 0.99	22.90 -0.58 2.92	26.12 -0.51 0.00	24.64 -0.17 0.00	22.87 -0.07 0.00	20.74 -0.17 0.00
CHAUTAUQUA___LFGE 323629	16.41 -0.57 -0.70	16.55 -0.44 -0.51	15.83 -0.51 -0.52	15.75 -0.52 -0.45	15.50 -0.52 -0.62	17.46 -0.79 -0.36	20.15 -0.51 0.72	20.25 -0.77 4.72	20.38 -0.88 5.35	20.25 -0.88 4.75	19.84 -0.86 3.81	20.06 -1.00 2.27	20.03 -0.87 1.51	20.75 -0.66 0.01	20.65 -0.76 0.39	21.41 -0.93 0.79	19.85 -0.86 3.89	20.70 -0.96 4.96	22.32 -0.75 1.97	23.87 -0.53 1.99	24.72 -0.53 1.37	23.91 -0.55 0.35	22.10 -0.85 -0.02	20.64 -0.27 0.00
CHERRYST_13_KV_LD 356241	21.80 1.56 -3.96	20.85 1.45 -2.93	20.24 1.47 -2.95	19.87 1.47 -2.58	20.26 1.39 -3.47	21.52 1.59 -2.05	28.40 1.92 -5.09	32.78 2.52 -4.51	30.53 2.79 -1.13	29.21 2.72 -0.61	27.78 2.55 -0.73	26.33 2.50 -0.50	25.52 2.44 -0.67	23.97 2.27 -0.28	24.47 2.33 -0.33	26.42 2.52 -0.77	27.84 2.53 -0.71	36.80 2.72 -7.46	40.00 2.55 -12.41	44.06 2.64 -15.02	64.76 2.56 -35.57	31.71 2.31 -4.59	25.26 2.20 -0.12	22.77 1.86 0.00
CHESTROR_138KV_BK263 355645	21.27 1.17 -3.82	20.42 1.12 -2.82	19.79 1.12 -2.84	19.43 1.12 -2.49	19.80 1.05 -3.35	21.07 1.22 -1.97	27.79 1.50 -4.91	32.02 1.93 -4.34	29.79 2.10 -1.09	28.50 2.04 -0.58	27.09 1.91 -0.68	25.70 1.89 -0.48	24.86 1.82 -0.63	23.36 1.67 -0.27	23.86 1.74 -0.31	25.75 1.90 -0.72	27.21 1.94 -0.66	35.74 2.02 -7.09	38.83 1.93 -11.86	42.79 2.03 -14.36	62.43 2.00 -33.81	31.06 1.86 -4.39	24.75 1.70 -0.12	22.31 1.40 0.00
CH_MIDHUDSON___DRP 24192	21.57 1.25 -4.04	20.66 1.20 -2.98	20.03 1.20 -3.01	19.65 1.20 -2.63	20.07 1.12 -3.54	21.26 1.29 -2.08	28.14 1.56 -5.19	32.40 2.06 -4.60	30.01 2.26 -1.15	28.67 2.17 -0.61	27.30 2.06 -0.74	25.85 2.01 -0.51	25.04 1.95 -0.68	23.48 1.78 -0.28	23.99 1.85 -0.33	25.95 2.04 -0.79	27.41 2.09 -0.72	36.40 2.16 -7.62	39.77 2.05 -12.68	43.93 2.19 -15.35	65.12 2.13 -36.37	31.46 1.96 -4.69	24.87 1.81 -0.13	22.41 1.51 0.00
CH_MISC_IPPS 23765	21.48 1.32 -3.88	20.59 1.27 -2.84	19.96 1.27 -2.87	19.59 1.27 -2.51	19.99 1.19 -3.41	21.23 1.36 -1.99	28.05 1.67 -5.00	32.34 2.19 -4.41	29.67 2.40 -0.67	28.53 2.30 -0.34	27.19 2.23 -0.46	25.77 2.15 -0.29	24.93 2.04 -0.48	23.44 1.89 -0.12	23.89 1.92 -0.17	25.82 2.15 -0.54	27.21 2.19 -0.42	33.92 2.29 -5.00	35.53 2.20 -8.29	38.76 2.35 -10.02	53.16 2.32 -24.22	30.00 2.13 -3.06	24.95 1.93 -0.08	22.50 1.59 0.00
CH_RES_BVR_FALLS 23983	11.68 -0.44 4.16	11.73 -0.54 4.20	11.20 -0.62 4.00	11.36 -0.66 3.80	11.13 -0.65 3.63	14.13 -0.77 2.98	16.52 -0.92 3.94	17.53 -1.06 7.16	18.15 -1.06 7.39	17.73 -1.01 7.15	16.79 -0.93 6.78	16.07 -0.82 6.45	15.49 -0.74 6.18	14.82 -0.71 5.90	15.45 -0.70 5.65	16.38 -0.72 6.03	17.56 -0.69 6.35	21.42 -0.64 4.57	24.10 -0.53 0.41	24.62 -0.56 1.22	26.07 -0.56 0.00	24.21 -0.60 0.00	22.36 -0.57 0.00	20.35 -0.56 0.00

CH_RES_NIAGARA 23895	16.09 -0.83 -0.64	16.22 -0.72 -0.47	15.53 -0.76 -0.47	15.54 -0.70 -0.41	15.28 -0.68 -0.56	17.32 -0.89 -0.33	19.89 -0.92 0.58	20.68 -0.98 4.09	20.53 -1.41 4.67	20.34 -1.40 4.15	19.86 -1.32 3.32	19.88 -1.47 1.98	19.93 -1.17 1.32	19.91 -1.50 0.01	19.87 -1.59 0.34	21.01 -1.43 0.69	19.81 -1.40 3.39	20.79 -1.52 4.32	21.87 -1.48 1.70	23.37 -1.32 1.71	24.15 -1.36 1.12	23.20 -1.32 0.30	21.14 -1.81 -0.01	19.84 -1.07 0.00
CH_RES_SYRACUSE 23985	17.51 0.16 -1.07	17.61 0.18 -0.96	16.89 0.14 -0.93	16.84 0.16 -0.86	16.47 0.14 -0.93	18.78 0.22 -0.68	22.82 0.28 -1.16	27.45 0.31 -1.39	27.84 0.24 -0.99	27.06 0.26 -0.92	25.64 0.27 -0.87	24.39 0.23 -0.83	23.41 0.18 -0.81	22.38 0.19 -0.76	22.71 0.17 -0.73	24.08 0.16 -0.79	25.61 0.20 -0.82	27.86 0.21 -1.03	26.16 0.22 -0.90	27.87 0.29 -1.18	29.13 0.29 -2.21	25.35 0.22 -0.32	23.04 0.09 -0.01	21.12 0.21 0.00
CLINTON_WT_PWR 323605	-0.53 -1.09 15.72	-0.53 -1.14 15.87	0.04 -1.09 14.69	5.61 -1.06 9.15	5.79 -0.88 8.74	9.86 -0.84 7.18	10.95 -0.94 9.49	0.27 -1.54 23.93	-0.52 -1.57 25.56	-0.53 -1.50 24.91	-0.53 -1.45 23.59	-0.53 -1.38 22.49	-0.53 -1.37 21.57	0.18 -1.33 19.91	7.89 -1.16 12.76	8.27 -1.25 13.61	9.13 -1.13 14.34	15.30 -1.01 10.31	23.43 -0.67 0.94	23.06 -0.58 2.76	26.12 -0.51 0.00	24.74 -0.07 0.00	22.96 0.02 0.00	20.81 -0.10 0.00
CLINTON___LFGE 323618	-0.55 -0.85 15.99	-0.54 -0.87 16.14	0.01 -0.87 14.94	5.60 -0.93 9.29	5.77 -0.75 8.87	9.89 -0.70 7.30	11.02 -0.73 9.64	0.01 -1.31 24.42	-0.60 -1.12 26.08	-0.66 -1.11 25.43	-0.67 -1.10 24.07	-0.69 -1.07 22.95	-0.64 -1.03 22.02	0.01 -1.09 20.32	7.82 -0.98 13.01	8.17 -1.09 13.87	9.07 -0.91 14.62	15.34 -0.77 10.52	23.68 -0.40 0.95	23.32 -0.26 2.81	26.47 -0.16 0.00	25.16 0.35 0.00	23.33 0.39 0.00	21.14 0.23 0.00
COBBLENY_34_KV_TB1 80064	16.65 -0.68 -1.05	16.78 -0.56 -0.86	16.05 -0.62 -0.85	16.01 -0.57 -0.76	15.76 -0.55 -0.91	17.75 -0.73 -0.60	21.35 -0.56 -0.52	23.83 -0.98 0.94	24.30 -0.80 1.51	23.78 -0.78 1.33	22.84 -0.69 0.98	22.23 -0.70 0.41	21.54 -0.76 0.11	21.30 -0.56 -0.43	21.41 -0.65 -0.26	22.53 -0.76 -0.16	22.79 -0.76 1.05	24.89 -1.06 0.67	25.35 -0.68 -0.99	27.31 -0.50 -1.41	30.30 -0.56 -4.23	24.80 -0.52 -0.52	22.09 -0.87 -0.02	20.64 -0.27 0.00
COFFEEN___115KV_TB3 355620	23.20 -0.05 -6.97	23.33 -0.12 -6.97	22.22 -0.24 -6.63	21.74 -0.24 -6.16	21.13 -0.22 -5.94	22.52 -0.20 -4.84	27.77 -0.15 -6.53	36.35 -0.08 -10.68	37.27 -0.21 -10.88	35.95 -0.44 -10.50	34.05 -0.42 -9.96	32.32 -0.49 -9.48	30.97 -0.54 -9.10	29.60 -0.47 -8.65	29.36 -0.57 -8.13	31.23 -0.58 -8.68	33.19 -0.54 -9.13	33.13 -0.32 -6.82	26.11 0.00 -1.07	28.99 0.26 -2.33	28.29 0.37 -1.29	25.14 0.15 -0.18	22.76 -0.18 0.00	20.72 -0.19 0.00
COLDSPRG_115KV_BK1 355956	16.89 -0.47 -1.08	17.01 -0.35 -0.89	16.28 -0.41 -0.87	16.18 -0.43 -0.78	15.90 -0.45 -0.94	17.82 -0.68 -0.62	22.13 -0.13 -0.87	25.29 -0.51 -0.06	25.84 -0.21 0.55	25.11 -0.26 0.51	23.94 -0.25 0.32	23.04 -0.28 0.02	22.15 -0.43 -0.16	21.73 -0.13 -0.43	21.87 -0.26 -0.33	23.13 -0.30 -0.31	23.92 -0.30 0.38	26.40 -0.59 -0.36	26.58 -0.13 -1.67	28.66 0.11 -2.16	32.04 0.08 -5.34	25.63 0.12 -0.70	22.64 -0.32 -0.02	21.08 0.17 0.00
COLONIE_LFGE___ 323577	21.76 0.78 -4.70	20.74 0.82 -3.44	20.06 0.76 -3.48	19.62 0.76 -3.04	20.30 0.77 -4.12	21.19 0.89 -2.41	28.53 1.09 -6.05	31.81 1.39 -4.67	28.93 1.52 -0.81	27.03 1.45 0.31	25.43 1.35 0.42	24.37 1.31 0.26	23.64 1.25 0.03	22.46 1.16 0.13	22.81 1.18 0.17	24.21 1.27 0.19	25.50 1.33 0.43	37.27 1.44 -9.20	45.49 1.35 -19.10	51.10 1.45 -23.26	75.39 1.44 -47.33	33.42 1.34 -7.27	24.39 1.26 -0.20	21.87 0.96 0.00
COOPERNY_115KV_TB1 80082	20.75 1.03 -3.45	20.02 0.99 -2.56	19.36 0.97 -2.57	19.06 0.98 -2.25	19.34 0.91 -3.02	20.73 1.06 -1.79	27.10 1.28 -4.43	31.28 1.62 -3.91	29.40 1.81 -0.99	28.13 1.73 -0.51	26.75 1.67 -0.58	25.36 1.61 -0.42	24.52 1.55 -0.56	23.11 1.44 -0.25	23.57 1.48 -0.28	25.39 1.64 -0.62	26.84 1.67 -0.57	34.62 1.76 -6.24	37.28 1.68 -10.56	40.96 1.77 -12.79	58.04 1.73 -29.69	30.34 1.61 -3.92	24.51 1.47 -0.10	22.12 1.21 0.00
COPENHAGEN_WT_PWR 323753	23.18 -0.11 -7.02	23.31 -0.18 -7.01	22.19 -0.30 -6.67	21.71 -0.28 -6.17	21.10 -0.26 -5.96	22.46 -0.27 -4.85	27.68 -0.26 -6.56	36.06 -0.23 -10.54	36.99 -0.35 -10.73	35.75 -0.52 -10.39	33.83 -0.52 -9.85	32.17 -0.54 -9.37	30.85 -0.56 -8.99	29.46 -0.51 -8.55	29.22 -0.59 -8.01	31.08 -0.60 -8.55	33.01 -0.59 -9.00	32.70 -0.40 -6.47	25.48 -0.15 -0.59	28.21 0.08 -1.73	26.81 0.19 0.00	24.78 -0.02 0.00	22.66 -0.27 0.00	20.64 -0.27 0.00
CORNELL___ 23752	18.17 0.57 -1.32	18.14 0.59 -1.07	17.40 0.52 -1.06	17.31 0.54 -0.95	17.07 0.52 -1.15	19.31 0.68 -0.75	24.08 0.88 -1.82	29.18 1.03 -2.41	29.23 1.01 -1.62	28.15 0.93 -1.33	26.53 0.86 -1.17	24.94 0.70 -0.90	23.79 0.56 -0.82	22.52 0.58 -0.51	22.89 0.55 -0.54	24.42 0.60 -0.69	26.45 0.71 -1.14	30.33 0.85 -2.85	29.56 0.95 -3.57	31.86 1.14 -4.33	36.68 1.14 -8.91	27.07 0.99 -1.27	23.65 0.69 -0.03	21.68 0.77 0.00
CORONA_AV_69_KV_TB1 355595	22.42 1.77 -4.37	21.07 1.66 -2.93	20.46 1.69 -2.95	20.08 1.68 -2.58	20.37 1.49 -3.47	21.75 1.82 -2.05	29.95 2.20 -6.36	32.99 2.73 -4.51	30.71 2.98 -1.13	29.39 2.90 -0.61	28.66 2.74 -1.41	26.64 2.71 -0.60	26.59 2.62 -1.56	28.75 2.44 -4.88	26.61 2.51 -2.30	28.96 2.71 -3.13	32.90 2.78 -5.53	40.24 2.93 -10.68	47.62 2.78 -19.80	49.96 2.93 -20.64	85.93 2.88 -56.43	38.87 2.63 -11.43	31.61 2.50 -6.18	25.22 2.15 -2.16
CORTLAND_115KV_TB3 80093	17.95 0.39 -1.28	17.96 0.41 -1.08	17.24 0.36 -1.06	17.14 0.36 -0.95	16.86 0.35 -1.11	19.10 0.46 -0.75	23.50 0.60 -1.52	28.24 0.70 -1.80	28.49 0.72 -1.17	27.56 0.67 -1.00	26.10 0.66 -0.93	24.72 0.56 -0.83	23.69 0.47 -0.81	22.57 0.47 -0.67	22.91 0.46 -0.65	24.37 0.49 -0.75	26.04 0.57 -0.87	29.25 0.64 -1.99	28.27 0.70 -2.53	30.38 0.84 -3.14	34.01 0.83 -6.56	26.45 0.72 -0.92	23.44 0.48 -0.02	21.45 0.54 0.00
COXSACKIE___GT 23611	21.50 0.83 -4.39	20.58 0.89 -3.21	19.92 0.85 -3.25	19.53 0.87 -2.84	20.13 0.88 -3.85	21.13 1.00 -2.25	28.52 1.47 -5.66	32.41 2.08 -4.58	29.14 1.92 -0.62	27.72 1.89 0.05	26.15 1.71 0.07	24.83 1.54 0.04	24.11 1.52 -0.18	22.81 1.41 0.03	23.19 1.42 0.03	24.78 1.55 -0.11	26.19 1.67 0.09	34.35 1.52 -6.21	38.80 1.53 -12.23	43.04 1.77 -14.88	59.97 1.89 -31.45	31.13 1.69 -4.63	24.57 1.51 -0.12	22.10 1.19 0.00
CPV_VALLEY___CC1 323721	20.95 1.07 -3.60	20.13 1.02 -2.63	19.49 1.01 -2.66	19.16 1.01 -2.32	19.50 0.94 -3.15	20.82 1.09 -1.84	27.34 1.33 -4.63	31.53 1.73 -4.06	29.14 1.92 -0.62	28.07 1.86 -0.32	26.70 1.77 -0.44	25.34 1.73 -0.28	24.52 1.66 -0.45	23.07 1.52 -0.12	23.54 1.57 -0.16	25.38 1.74 -0.52	26.75 1.75 -0.41	33.11 1.84 -4.64	34.41 1.73 -7.64	37.45 1.82 -9.24	50.86 1.78 -22.45	29.29 1.66 -2.82	24.55 1.54 -0.08	22.16 1.25 0.00

CPV_VALLEY___CC2 323722	20.95 1.07 -3.60	20.13 1.02 -2.63	19.49 1.01 -2.66	19.16 1.01 -2.32	19.50 0.94 -3.15	20.82 1.09 -1.84	27.34 1.33 -4.63	31.53 1.73 -4.06	29.14 1.92 -0.62	28.07 1.86 -0.32	26.70 1.77 -0.44	25.34 1.73 -0.28	24.52 1.66 -0.45	23.07 1.52 -0.12	23.54 1.57 -0.16	25.38 1.74 -0.52	26.75 1.75 -0.41	33.11 1.84 -4.64	34.41 1.73 -7.64	37.45 1.82 -9.24	50.86 1.78 -22.45	29.29 1.66 -2.82	24.55 1.54 -0.08	22.16 1.25 0.00
CRESCENT___HYD 24018	21.76 0.78 -4.70	20.74 0.82 -3.44	20.06 0.76 -3.48	19.62 0.76 -3.04	20.30 0.77 -4.12	21.19 0.89 -2.41	28.53 1.09 -6.05	31.81 1.39 -4.67	28.93 1.52 -0.81	27.03 1.45 0.31	25.43 1.35 0.42	24.37 1.31 0.26	23.64 1.25 0.03	22.46 1.16 0.13	22.81 1.18 0.17	24.21 1.27 0.19	25.50 1.33 0.43	37.27 1.44 -9.20	45.49 1.35 -19.10	51.10 1.45 -23.26	75.39 1.44 -47.33	33.42 1.34 -7.27	24.39 1.26 -0.20	21.87 0.96 0.00
CRICKET___VALLEY_CC1 323756	21.30 1.03 -3.99	20.44 1.04 -2.92	19.77 1.00 -2.95	19.41 1.01 -2.58	19.86 0.96 -3.50	21.02 1.09 -2.04	27.79 1.26 -5.14	29.31 1.65 -1.91	26.89 1.86 1.58	24.71 1.81 2.98	22.18 1.71 4.04	22.45 1.68 2.56	21.72 1.61 2.31	21.72 1.48 1.18	21.72 1.50 1.59	21.33 1.67 3.46	22.24 1.67 4.03	25.26 1.78 3.15	33.53 1.68 -6.81	36.94 1.77 -8.78	21.73 1.71 6.60	29.57 1.56 -3.20	24.54 1.51 -0.09	22.08 1.17 0.00
CRICKET___VALLEY_CC2 323757	21.30 1.03 -3.99	20.44 1.04 -2.92	19.77 1.00 -2.95	19.41 1.01 -2.58	19.86 0.96 -3.50	21.02 1.09 -2.04	27.79 1.26 -5.14	29.31 1.65 -1.91	26.89 1.86 1.58	24.71 1.81 2.98	22.18 1.71 4.04	22.45 1.68 2.56	21.72 1.61 2.31	21.72 1.48 1.18	21.72 1.50 1.59	21.33 1.67 3.46	22.24 1.67 4.03	25.26 1.78 3.15	33.53 1.68 -6.81	36.94 1.77 -8.78	21.73 1.71 6.60	29.57 1.56 -3.20	24.54 1.51 -0.09	22.08 1.17 0.00
CRICKET___VALLEY_CC3 323758	21.30 1.03 -3.99	20.44 1.04 -2.92	19.77 1.00 -2.95	19.41 1.01 -2.58	19.86 0.96 -3.50	21.02 1.09 -2.04	27.79 1.26 -5.14	29.31 1.65 -1.91	26.89 1.86 1.58	24.71 1.81 2.98	22.18 1.71 4.04	22.45 1.68 2.56	21.72 1.61 2.31	21.72 1.48 1.18	21.72 1.50 1.59	21.33 1.67 3.46	22.24 1.67 4.03	25.26 1.78 3.15	33.53 1.68 -6.81	36.94 1.77 -8.78	21.73 1.71 6.60	29.57 1.56 -3.20	24.54 1.51 -0.09	22.08 1.17 0.00
CRUCIBLE_METL_DRP 24180	17.39 0.16 -0.95	17.49 0.18 -0.84	16.78 0.14 -0.81	16.72 0.16 -0.74	16.36 0.14 -0.82	18.68 0.21 -0.58	22.72 0.28 -1.06	27.36 0.31 -1.31	27.78 0.24 -0.94	27.01 0.28 -0.85	25.62 0.32 -0.80	24.33 0.26 -0.74	23.32 0.18 -0.73	22.27 0.19 -0.65	22.60 0.17 -0.62	23.98 0.16 -0.69	25.53 0.20 -0.74	28.00 0.19 -1.19	26.53 0.23 -1.27	28.30 0.29 -1.61	30.18 0.29 -3.26	25.49 0.22 -0.45	23.02 0.07 -0.01	21.10 0.19 0.00
DAHOWA___HYDRO 323763	22.02 0.96 -4.78	20.96 0.99 -3.50	20.27 0.92 -3.54	19.80 0.89 -3.09	20.51 0.91 -4.20	21.42 1.09 -2.45	29.00 1.45 -6.16	32.37 1.83 -4.79	29.49 1.94 -0.95	27.44 1.81 0.26	25.80 1.64 0.35	24.65 1.54 0.22	23.93 1.50 -0.02	22.67 1.35 0.10	23.04 1.37 0.14	24.51 1.50 0.12	25.82 1.58 0.36	38.80 1.76 -10.42	47.90 1.65 -21.21	54.00 1.80 -25.81	81.78 1.89 -53.27	34.60 1.74 -8.05	24.71 1.56 -0.22	22.08 1.17 0.00
DANC___LFGE 323619	21.09 -0.11 -4.92	21.22 -0.15 -4.89	20.26 -0.22 -4.66	19.90 -0.22 -4.30	19.39 -0.20 -4.18	21.05 -0.21 -3.38	25.81 -0.21 -4.64	32.85 -0.23 -7.33	33.62 -0.32 -7.33	32.54 -0.44 -7.10	30.81 -0.42 -6.73	29.31 -0.42 -6.40	28.11 -0.45 -6.15	26.88 -0.39 -5.84	26.82 -0.46 -5.47	28.49 -0.49 -5.85	30.23 -0.52 -6.15	30.67 -0.37 -4.42	25.24 -0.20 -0.40	27.58 0.00 -1.18	26.71 0.08 0.00	24.74 -0.07 0.00	22.66 -0.27 0.00	20.68 -0.23 0.00
DANSKAMMER___1 23586	21.48 1.32 -3.88	20.59 1.27 -2.84	19.96 1.27 -2.87	19.59 1.27 -2.51	19.99 1.19 -3.41	21.23 1.36 -1.99	28.05 1.67 -5.00	32.34 2.19 -4.41	29.67 2.40 -0.67	28.53 2.30 -0.34	27.19 2.23 -0.46	25.77 2.15 -0.29	24.93 2.04 -0.48	23.44 1.89 -0.12	23.89 1.92 -0.17	25.82 2.15 -0.54	27.21 2.19 -0.42	33.92 2.29 -5.00	35.53 2.20 -8.29	38.76 2.35 -10.02	53.16 2.32 -24.22	30.00 2.13 -3.06	24.95 1.93 -0.08	22.50 1.59 0.00
DANSKAMMER___2 23589	21.48 1.32 -3.88	20.59 1.27 -2.84	19.96 1.27 -2.87	19.59 1.27 -2.51	19.99 1.19 -3.41	21.23 1.36 -1.99	28.05 1.67 -5.00	32.34 2.19 -4.41	29.67 2.40 -0.67	28.53 2.30 -0.34	27.19 2.23 -0.46	25.77 2.15 -0.29	24.93 2.04 -0.48	23.44 1.89 -0.12	23.89 1.92 -0.17	25.82 2.15 -0.54	27.21 2.19 -0.42	33.92 2.29 -5.00	35.53 2.20 -8.29	38.76 2.35 -10.02	53.16 2.32 -24.22	30.00 2.13 -3.06	24.95 1.93 -0.08	22.50 1.59 0.00
DANSKAMMER___3 23590	21.48 1.32 -3.88	20.59 1.27 -2.84	19.96 1.27 -2.87	19.59 1.27 -2.51	19.99 1.19 -3.41	21.23 1.36 -1.99	28.05 1.67 -5.00	32.34 2.19 -4.41	29.67 2.40 -0.67	28.53 2.30 -0.34	27.19 2.23 -0.46	25.77 2.15 -0.29	24.93 2.04 -0.48	23.44 1.89 -0.12	23.89 1.92 -0.17	25.82 2.15 -0.54	27.21 2.19 -0.42	33.92 2.29 -5.00	35.53 2.20 -8.29	38.76 2.35 -10.02	53.16 2.32 -24.22	30.00 2.13 -3.06	24.95 1.93 -0.08	22.50 1.59 0.00
DANSKAMMER___4 23591	21.48 1.32 -3.88	20.59 1.27 -2.84	19.96 1.27 -2.87	19.59 1.27 -2.51	19.99 1.19 -3.41	21.23 1.36 -1.99	28.05 1.67 -5.00	32.34 2.19 -4.41	29.67 2.40 -0.67	28.53 2.30 -0.34	27.19 2.23 -0.46	25.77 2.15 -0.29	24.93 2.04 -0.48	23.44 1.89 -0.12	23.89 1.92 -0.17	25.82 2.15 -0.54	27.21 2.19 -0.42	33.92 2.29 -5.00	35.53 2.20 -8.29	38.76 2.35 -10.02	53.16 2.32 -24.22	30.00 2.13 -3.06	24.95 1.93 -0.08	22.50 1.59 0.00
DANSKAMMER___DIESEL 23592	21.58 1.32 -3.99	20.69 1.27 -2.94	20.05 1.27 -2.97	19.68 1.27 -2.60	20.10 1.20 -3.50	21.30 1.36 -2.06	28.18 1.67 -5.12	32.46 2.19 -4.53	30.12 2.39 -1.12	28.78 2.30 -0.59	27.42 2.21 -0.71	25.95 2.12 -0.49	25.13 2.06 -0.66	23.58 1.89 -0.27	24.07 1.94 -0.32	26.04 2.15 -0.76	27.51 2.21 -0.69	36.37 2.29 -7.46	39.70 2.20 -12.46	43.83 2.35 -15.08	64.55 2.32 -35.61	31.55 2.13 -4.61	24.99 1.93 -0.12	22.52 1.61 0.00
DARBY___SOLAR 323810	22.05 0.93 -4.84	21.01 0.97 -3.56	20.32 0.90 -3.59	19.84 0.87 -3.14	20.53 0.88 -4.25	21.43 1.06 -2.49	29.00 1.39 -6.23	32.35 1.75 -4.86	29.88 1.89 -1.39	27.55 1.79 0.12	25.87 1.59 0.23	24.74 1.52 0.11	24.01 1.48 -0.11	22.76 1.35 0.01	23.15 1.40 0.05	24.58 1.48 0.03	25.94 1.57 0.23	41.78 1.73 -13.42	53.50 1.63 -26.83	60.82 1.77 -32.66	96.32 1.84 -67.85	36.67 1.69 -10.17	24.72 1.51 -0.27	22.08 1.17 0.00
DASHVILLE___HYD 23610	21.37 1.04 -4.05	20.46 0.99 -2.99	19.83 1.00 -3.02	19.46 1.00 -2.64	19.88 0.92 -3.55	21.01 1.04 -2.09	27.83 1.24 -5.21	32.36 2.14 -4.48	29.67 2.02 -1.05	28.55 2.23 -0.44	27.22 2.21 -0.51	25.77 2.08 -0.36	24.97 2.02 -0.54	23.46 1.82 -0.21	23.92 1.88 -0.24	25.79 2.08 -0.58	27.23 2.14 -0.49	35.76 1.76 -7.38	39.68 1.70 -12.93	43.90 1.82 -15.68	64.09 1.78 -35.68	31.24 1.61 -4.82	24.56 1.49 -0.13	22.33 1.42 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	22.73 2.08 -4.37	21.36 1.96 -2.93	20.78 2.01 -2.95	20.40 1.99 -2.58	20.60 1.73 -3.47	22.11 2.18 -2.05	30.29 2.54 -6.36	33.40 3.14 -4.51	31.09 3.35 -1.13	29.75 3.26 -0.61	28.76 2.84 -1.41	26.87 2.94 -0.60	26.82 2.85 -1.56	28.94 2.64 -4.88	26.81 2.70 -2.30	29.15 2.89 -3.13	33.13 3.00 -5.53	40.58 3.27 -10.68	47.95 3.11 -19.80	50.36 3.33 -20.64	86.33 3.27 -56.43	39.12 2.88 -11.43	31.89 2.78 -6.18	25.33 2.26 -2.16
DELAWARE___LFGE 323621	19.22 0.77 -2.18	18.87 0.76 -1.64	18.18 0.71 -1.64	17.98 0.71 -1.44	18.00 0.69 -1.90	19.85 0.82 -1.14	25.21 1.03 -2.80	29.49 1.24 -2.51	28.82 1.36 -0.86	27.62 1.32 -0.42	26.11 1.23 -0.39	24.79 1.14 -0.32	23.85 1.05 -0.38	22.72 1.07 -0.22	23.12 1.09 -0.22	24.65 1.18 -0.35	26.17 1.21 -0.37	32.41 1.30 -4.48	34.32 1.28 -8.01	37.56 1.43 -9.74	49.00 1.41 -20.96	29.07 1.27 -3.00	24.09 1.08 -0.08	21.85 0.94 0.00
DERFIELD_115KV_TB7 355931	16.53 0.08 -0.17	16.71 0.07 -0.16	16.04 0.06 -0.16	16.03 0.06 -0.14	15.61 0.06 -0.15	18.07 0.07 -0.11	21.62 0.06 -0.17	26.10 0.10 -0.25	26.94 0.13 -0.21	26.23 0.13 -0.21	24.83 0.12 -0.20	23.64 0.12 -0.19	22.71 0.11 -0.19	21.71 0.11 -0.17	22.08 0.11 -0.16	23.42 0.12 -0.18	24.91 0.12 -0.18	26.80 0.16 -0.02	24.98 0.15 0.21	26.35 0.18 0.23	26.24 0.19 0.58	24.87 0.15 0.08	23.05 0.11 0.00	20.99 0.08 0.00
DOGLEVILLE___HYD 23807	16.32 -0.03 -0.07	16.49 -0.03 -0.05	15.87 0.00 -0.05	15.90 0.03 -0.04	15.49 0.03 -0.06	17.97 0.05 -0.04	21.43 -0.04 -0.09	25.83 0.00 -0.08	26.68 0.08 0.00	25.94 0.05 0.00	24.55 0.05 0.00	23.43 0.09 0.00	22.48 0.07 0.00	21.49 0.06 0.00	21.85 0.04 0.00	23.25 0.12 0.00	24.72 0.12 0.00	26.81 0.19 0.00	25.24 0.20 0.00	26.63 0.24 0.00	26.84 0.21 0.00	25.06 0.25 0.00	23.10 0.16 0.00	21.14 0.23 0.00
DUNKIRK___115KV_TB_200 55889	16.76 -0.55 -1.04	16.90 -0.43 -0.85	16.17 -0.49 -0.84	16.08 -0.49 -0.75	15.80 -0.51 -0.90	17.73 -0.75 -0.59	21.28 -0.56 -0.46	23.90 -0.75 1.10	24.15 -0.80 1.66	23.63 -0.80 1.46	22.69 -0.74 1.08	22.00 -0.86 0.47	21.44 -0.83 0.15	21.22 -0.64 -0.43	21.27 -0.79 -0.25	22.39 -0.88 -0.14	22.61 -0.84 1.15	24.73 -1.04 0.86	25.14 -0.73 -0.82	27.09 -0.53 -1.22	30.01 -0.51 -3.89	24.73 -0.55 -0.46	22.09 -0.87 -0.02	20.60 -0.31 0.00
DUNKIRK___1 23563	16.76 -0.55 -1.04	16.90 -0.43 -0.85	16.17 -0.49 -0.84	16.08 -0.49 -0.75	15.80 -0.51 -0.90	17.73 -0.75 -0.59	21.28 -0.56 -0.46	23.90 -0.75 1.10	24.15 -0.80 1.66	23.63 -0.80 1.46	22.69 -0.74 1.08	22.00 -0.86 0.47	21.44 -0.83 0.15	21.22 -0.64 -0.43	21.27 -0.79 -0.25	22.39 -0.88 -0.14	22.61 -0.84 1.15	24.73 -1.04 0.86	25.14 -0.73 -0.82	27.09 -0.53 -1.22	30.01 -0.51 -3.89	24.73 -0.55 -0.46	22.09 -0.87 -0.02	20.60 -0.31 0.00
DUNKIRK___2 23564	16.76 -0.55 -1.04	16.90 -0.43 -0.85	16.17 -0.49 -0.84	16.08 -0.49 -0.75	15.80 -0.51 -0.90	17.73 -0.75 -0.59	21.28 -0.56 -0.46	23.90 -0.75 1.10	24.15 -0.80 1.66	23.63 -0.80 1.46	22.69 -0.74 1.08	22.00 -0.86 0.47	21.44 -0.83 0.15	21.22 -0.64 -0.43	21.27 -0.79 -0.25	22.39 -0.88 -0.14	22.61 -0.84 1.15	24.73 -1.04 0.86	25.14 -0.73 -0.82	27.09 -0.53 -1.22	30.01 -0.51 -3.89	24.73 -0.55 -0.46	22.09 -0.87 -0.02	20.60 -0.31 0.00
DUNKIRK___3 23565	16.76 -0.55 -1.04	16.88 -0.44 -0.85	16.16 -0.51 -0.84	16.08 -0.49 -0.75	15.81 -0.49 -0.90	17.76 -0.72 -0.59	21.30 -0.53 -0.45	23.89 -0.75 1.11	24.16 -0.77 1.67	23.64 -0.78 1.47	22.71 -0.71 1.08	22.05 -0.82 0.47	21.48 -0.78 0.15	21.22 -0.64 -0.43	21.29 -0.76 -0.25	22.41 -0.86 -0.14	22.63 -0.81 1.16	24.72 -1.04 0.87	25.15 -0.70 -0.82	27.08 -0.53 -1.21	29.97 -0.53 -3.88	24.72 -0.55 -0.46	22.06 -0.89 -0.02	20.60 -0.31 0.00
DUNKIRK___4 23566	16.76 -0.55 -1.04	16.88 -0.44 -0.85	16.16 -0.51 -0.84	16.08 -0.49 -0.75	15.81 -0.49 -0.90	17.76 -0.72 -0.59	21.30 -0.53 -0.45	23.89 -0.75 1.11	24.16 -0.77 1.67	23.64 -0.78 1.47	22.71 -0.71 1.08	22.05 -0.82 0.47	21.48 -0.78 0.15	21.22 -0.64 -0.43	21.29 -0.76 -0.25	22.41 -0.86 -0.14	22.63 -0.81 1.16	24.72 -1.04 0.87	25.15 -0.70 -0.82	27.08 -0.53 -1.21	29.97 -0.53 -3.88	24.72 -0.55 -0.46	22.06 -0.89 -0.02	20.60 -0.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.66 1.42 -3.96	20.74 1.33 -2.93	20.10 1.33 -2.95	19.75 1.34 -2.58	20.12 1.25 -3.47	21.38 1.45 -2.05	28.21 1.73 -5.09	32.55 2.29 -4.51	30.24 2.50 -1.13	28.95 2.46 -0.61	27.53 2.30 -0.73	26.10 2.26 -0.50	25.28 2.20 -0.67	23.74 2.04 -0.28	24.23 2.09 -0.33	26.19 2.29 -0.77	27.62 2.31 -0.71	36.53 2.45 -7.46	39.75 2.30 -12.41	43.82 2.40 -15.02	64.55 2.34 -35.58	31.56 2.16 -4.59	25.08 2.02 -0.12	22.58 1.67 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.44 1.24 -3.92	20.56 1.19 -2.89	19.93 1.19 -2.92	19.56 1.19 -2.55	19.95 1.11 -3.44	21.18 1.27 -2.02	27.96 1.54 -5.04	32.25 2.06 -4.44	29.93 2.23 -1.09	28.60 2.15 -0.57	27.24 2.06 -0.67	25.81 2.01 -0.47	24.97 1.93 -0.63	23.47 1.78 -0.26	23.95 1.83 -0.31	25.86 2.01 -0.72	27.32 2.07 -0.66	36.00 2.13 -7.24	39.25 2.05 -12.15	43.31 2.19 -14.72	63.34 2.13 -34.58	31.30 1.98 -4.50	24.85 1.79 -0.12	22.41 1.51 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.74 1.50 -3.96	20.82 1.42 -2.93	20.21 1.44 -2.95	19.86 1.46 -2.58	20.22 1.34 -3.48	21.43 1.50 -2.05	28.23 1.75 -5.09	32.60 2.34 -4.51	30.31 2.58 -1.13	29.03 2.54 -0.61	27.61 2.38 -0.73	26.21 2.38 -0.50	25.40 2.33 -0.66	23.84 2.14 -0.27	24.35 2.22 -0.32	26.30 2.41 -0.76	27.72 2.41 -0.71	36.66 2.58 -7.45	39.88 2.43 -12.41	43.90 2.48 -15.02	64.60 2.40 -35.58	31.58 2.18 -4.59	25.16 2.11 -0.12	22.71 1.80 -0.01
E179THST_13_KV_LOAD 356214	21.80 1.56 -3.96	20.88 1.48 -2.93	20.27 1.50 -2.95	19.91 1.50 -2.58	20.28 1.40 -3.48	21.50 1.57 -2.05	28.31 1.84 -5.09	32.71 2.45 -4.51	30.45 2.71 -1.13	29.13 2.64 -0.61	27.73 2.50 -0.73	26.30 2.47 -0.50	25.49 2.42 -0.66	23.95 2.25 -0.27	24.44 2.31 -0.32	26.39 2.50 -0.76	27.82 2.51 -0.71	36.79 2.72 -7.45	40.00 2.55 -12.41	44.06 2.64 -15.02	64.73 2.53 -35.58	31.68 2.28 -4.59	25.25 2.20 -0.12	22.80 1.88 -0.01
EAST HAMPTON___GT 23717	22.82 2.26 -4.28	21.45 2.14 -2.84	20.88 2.20 -2.86	20.49 2.17 -2.50	20.68 1.88 -3.40	22.27 2.40 -1.98	30.49 2.84 -6.26	33.70 3.50 -4.45	31.07 3.75 -0.71	29.96 3.67 -0.40	29.18 3.46 -1.23	27.06 3.29 -0.44	27.02 3.18 -1.42	29.11 2.94 -4.75	26.92 2.94 -2.17	29.31 3.21 -2.97	33.26 3.34 -5.32	38.67 3.70 -8.34	44.11 3.43 -15.64	45.59 3.62 -15.58	75.67 3.57 -45.47	37.81 3.13 -9.87	32.17 3.10 -6.14	25.56 2.49 -2.16
EAST RIVER___6 23660	21.67 1.51 -3.87	20.73 1.42 -2.83	20.12 1.44 -2.86	19.78 1.45 -2.50	20.16 1.36 -3.40	21.41 1.54 -1.98	28.23 1.86 -4.99	32.61 2.42 -4.45	30.03 2.71 -0.71	28.95 2.67 -0.40	27.57 2.52 -0.54	26.17 2.50 -0.34	25.34 2.40 -0.53	23.80 2.23 -0.15	24.29 2.29 -0.20	26.24 2.50 -0.62	27.56 2.46 -0.50	34.40 2.66 -5.12	35.79 2.50 -8.25	38.92 2.56 -9.96	53.72 2.48 -24.62	30.10 2.26 -3.03	25.17 2.16 -0.08	22.71 1.80 0.00

EAST RIVER___7 23524	21.67 1.51 -3.87	20.73 1.42 -2.83	20.12 1.44 -2.86	19.78 1.45 -2.50	20.16 1.36 -3.40	21.41 1.54 -1.98	28.23 1.86 -4.99	32.61 2.42 -4.45	30.03 2.71 -0.71	28.95 2.67 -0.40	27.57 2.52 -0.54	26.17 2.50 -0.34	25.34 2.40 -0.53	23.80 2.23 -0.15	24.29 2.29 -0.20	26.24 2.50 -0.62	27.56 2.46 -0.50	34.40 2.66 -5.12	35.79 2.50 -8.25	38.92 2.56 -9.96	53.72 2.48 -24.62	30.10 2.26 -3.03	25.17 2.16 -0.08	22.71 1.80 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.62 1.38 -3.96	20.70 1.30 -2.92	20.08 1.31 -2.94	19.71 1.31 -2.58	20.10 1.23 -3.47	21.34 1.41 -2.04	28.18 1.71 -5.08	32.49 2.24 -4.51	30.18 2.45 -1.13	28.90 2.41 -0.61	27.48 2.25 -0.73	26.05 2.22 -0.50	25.23 2.15 -0.67	23.70 1.99 -0.28	24.18 2.05 -0.33	26.14 2.24 -0.77	27.57 2.26 -0.71	36.47 2.40 -7.45	39.68 2.25 -12.39	43.77 2.38 -15.00	64.46 2.32 -35.52	31.50 2.11 -4.58	25.03 1.97 -0.12	22.54 1.63 0.00
EAST_HAMPTON___DIESEL 23722	22.82 2.26 -4.28	21.47 2.16 -2.84	20.88 2.20 -2.86	20.49 2.17 -2.50	20.68 1.88 -3.40	22.27 2.40 -1.98	30.49 2.84 -6.26	33.70 3.50 -4.45	31.07 3.75 -0.71	29.96 3.67 -0.40	29.18 3.46 -1.23	27.09 3.31 -0.44	27.02 3.18 -1.42	29.11 2.94 -4.75	26.92 2.94 -2.17	29.31 3.21 -2.97	33.26 3.34 -5.32	38.67 3.70 -8.34	44.11 3.43 -15.64	45.59 3.62 -15.58	75.67 3.57 -45.47	37.83 3.15 -9.87	32.17 3.10 -6.14	25.58 2.51 -2.16
EAST_PULASKI___ESR 323781	18.59 -0.08 -2.40	18.72 -0.08 -2.33	17.92 -0.13 -2.23	17.75 -0.13 -2.06	17.33 -0.12 -2.05	19.40 -0.11 -1.62	23.56 -0.15 -2.33	29.11 -0.18 -3.54	29.72 -0.27 -3.39	28.82 -0.31 -3.24	27.34 -0.25 -3.08	26.01 -0.26 -2.93	24.95 -0.29 -2.83	23.84 -0.26 -2.68	24.01 -0.31 -2.51	25.48 -0.35 -2.70	27.05 -0.37 -2.82	28.70 -0.35 -2.42	25.74 -0.23 -0.92	27.76 -0.08 -1.44	28.61 -0.03 -2.01	24.96 -0.12 -0.28	22.69 -0.25 -0.01	20.76 -0.15 0.00
EAST_RIVER___1 323558	21.67 1.51 -3.87	20.73 1.42 -2.83	20.11 1.42 -2.86	19.76 1.44 -2.50	20.14 1.34 -3.40	21.41 1.54 -1.98	28.23 1.86 -4.99	32.64 2.45 -4.45	30.03 2.71 -0.71	28.95 2.67 -0.40	27.54 2.50 -0.54	26.13 2.45 -0.34	25.32 2.37 -0.53	23.78 2.21 -0.15	24.25 2.25 -0.20	26.20 2.45 -0.62	27.54 2.44 -0.50	34.38 2.64 -5.12	35.77 2.48 -8.25	38.92 2.56 -9.96	53.72 2.48 -24.62	30.10 2.26 -3.03	25.17 2.16 -0.08	22.71 1.80 0.00
EAST_RIVER___2 323559	21.67 1.51 -3.87	20.73 1.42 -2.83	20.12 1.44 -2.86	19.78 1.45 -2.50	20.16 1.36 -3.40	21.41 1.54 -1.98	28.23 1.86 -4.99	32.61 2.42 -4.45	30.03 2.71 -0.71	28.95 2.67 -0.40	27.57 2.52 -0.54	26.17 2.50 -0.34	25.34 2.40 -0.53	23.80 2.23 -0.15	24.29 2.29 -0.20	26.24 2.50 -0.62	27.56 2.46 -0.50	34.40 2.66 -5.12	35.79 2.50 -8.25	38.92 2.56 -9.96	53.72 2.48 -24.62	30.10 2.26 -3.03	25.17 2.16 -0.08	22.71 1.80 0.00
EAST___DELAWARE_HYD 23607	21.38 1.42 -3.69	20.53 1.35 -2.70	19.89 1.34 -2.73	19.53 1.33 -2.38	19.89 1.25 -3.24	21.20 1.43 -1.89	27.80 1.67 -4.75	32.02 2.16 -4.11	29.60 2.40 -0.61	28.42 2.28 -0.26	27.10 2.25 -0.35	25.68 2.12 -0.22	24.81 1.99 -0.40	23.34 1.82 -0.09	23.79 1.85 -0.13	25.66 2.08 -0.45	27.09 2.17 -0.32	33.68 2.32 -4.74	35.37 2.23 -8.10	38.63 2.43 -9.81	52.16 2.40 -23.14	30.00 2.18 -3.01	24.94 1.93 -0.08	22.64 1.73 0.00
EIGHT_POINT___WT_PWR 323820	17.06 -0.06 -0.85	17.11 0.02 -0.62	16.41 -0.03 -0.63	16.35 -0.02 -0.55	16.15 0.00 -0.74	18.35 0.04 -0.43	28.54 0.30 -6.86	44.41 0.10 -18.56	44.21 0.05 -17.55	40.78 -0.05 -14.95	36.41 -0.07 -11.98	30.37 -0.12 -7.15	27.23 -0.09 -4.91	21.49 0.02 -0.04	23.01 -0.02 -1.23	25.63 -0.12 -2.62	36.86 0.02 -12.23	45.67 0.05 -18.99	38.20 0.22 -12.93	41.34 0.53 -14.42	48.73 0.48 -21.62	28.79 0.37 -3.61	22.98 0.02 -0.02	21.26 0.36 0.00
ELBRIDGE_115KV_TB2 80188	17.34 0.11 -0.95	17.43 0.13 -0.82	16.72 0.09 -0.80	16.66 0.11 -0.73	16.31 0.09 -0.82	18.62 0.16 -0.57	22.69 0.24 -1.07	27.35 0.28 -1.32	27.72 0.19 -0.93	26.92 0.21 -0.83	25.51 0.22 -0.78	24.24 0.19 -0.72	23.25 0.13 -0.70	22.20 0.15 -0.62	22.50 0.11 -0.59	23.91 0.12 -0.66	25.45 0.12 -0.73	28.01 0.13 -1.25	26.59 0.18 -1.37	28.37 0.24 -1.74	30.43 0.27 -3.54	25.48 0.17 -0.49	22.99 0.05 -0.01	21.06 0.15 0.00
ELEC_TRO_TEK 24086	22.34 1.69 -4.37	20.98 1.58 -2.93	20.37 1.60 -2.95	20.00 1.60 -2.58	20.29 1.42 -3.47	21.67 1.73 -2.05	29.88 2.14 -6.36	32.94 2.68 -4.51	30.63 2.90 -1.13	29.34 2.85 -0.61	28.54 2.62 -1.41	26.57 2.64 -0.60	26.53 2.56 -1.56	28.68 2.38 -4.88	26.55 2.44 -2.30	28.89 2.64 -3.13	32.81 2.68 -5.53	40.16 2.85 -10.68	47.52 2.68 -19.80	49.89 2.85 -20.64	85.83 2.77 -56.43	38.79 2.56 -11.43	31.54 2.43 -6.18	25.10 2.03 -2.16
ELLENBURG_WT_PWR 323604	-0.53 -1.09 15.72	-0.53 -1.14 15.87	0.04 -1.09 14.69	5.61 -1.06 9.15	5.79 -0.88 8.74	9.86 -0.84 7.18	10.95 -0.94 9.49	0.27 -1.54 23.93	-0.52 -1.57 25.56	-0.53 -1.50 24.91	-0.53 -1.45 23.59	-0.53 -1.38 22.49	-0.53 -1.37 21.57	0.18 -1.33 19.91	7.89 -1.16 12.76	8.27 -1.25 13.61	9.13 -1.13 14.34	15.30 -1.01 10.31	23.43 -0.67 0.94	23.06 -0.58 2.76	26.12 -0.51 0.00	24.74 -0.07 0.00	22.96 0.02 0.00	20.81 -0.10 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.73 -0.57 -1.02	16.85 -0.46 -0.84	16.14 -0.51 -0.83	16.09 -0.47 -0.74	15.83 -0.46 -0.88	17.84 -0.63 -0.58	21.14 -0.60 -0.35	23.62 -0.77 1.35	23.78 -0.93 1.89	23.30 -0.93 1.65	22.49 -0.78 1.23	21.86 -0.91 0.56	21.35 -0.85 0.21	21.07 -0.79 -0.43	21.15 -0.89 -0.24	22.24 -0.99 -0.11	22.33 -0.96 1.31	24.30 -1.20 1.12	24.68 -0.98 -0.62	26.57 -0.82 -0.99	29.33 -0.80 -3.51	24.34 -0.87 -0.40	21.83 -1.12 -0.02	20.43 -0.48 0.00
EMPIRE_CC_1 323656	21.53 0.78 -4.47	20.57 0.82 -3.27	19.90 0.78 -3.31	19.49 0.78 -2.89	20.10 0.77 -3.93	21.07 0.89 -2.29	28.17 1.03 -5.76	31.42 1.31 -4.36	28.35 1.44 -0.31	26.87 1.40 0.41	25.24 1.30 0.56	24.26 1.28 0.36	23.52 1.23 0.13	22.41 1.16 0.17	22.73 1.15 0.23	24.07 1.27 0.33	25.30 1.28 0.57	32.76 1.38 -4.76	37.34 1.30 -11.00	41.20 1.37 -13.43	53.25 1.36 -25.27	30.31 1.26 -4.24	24.24 1.19 -0.11	21.85 0.94 0.00
EMPIRE_CC_2 323658	21.53 0.78 -4.47	20.57 0.82 -3.27	19.90 0.78 -3.31	19.49 0.78 -2.89	20.10 0.77 -3.93	21.07 0.89 -2.29	28.17 1.03 -5.76	31.42 1.31 -4.36	28.35 1.44 -0.31	26.87 1.40 0.41	25.24 1.30 0.56	24.26 1.28 0.36	23.52 1.23 0.13	22.41 1.16 0.17	22.73 1.15 0.23	24.07 1.27 0.33	25.30 1.28 0.57	32.76 1.38 -4.76	37.34 1.30 -11.00	41.20 1.37 -13.43	53.25 1.36 -25.27	30.31 1.26 -4.24	24.24 1.19 -0.11	21.85 0.94 0.00
ENORWICH_115KV_TB1 80156	19.20 1.27 -1.65	19.05 1.29 -1.29	18.17 1.06 -1.29	18.04 1.08 -1.14	17.95 1.11 -1.44	20.20 1.41 -0.90	25.31 1.77 -2.15	30.15 2.11 -2.30	29.89 2.13 -1.16	28.70 1.97 -0.85	27.06 1.79 -0.77	25.33 1.38 -0.62	24.14 1.12 -0.61	22.89 1.07 -0.40	23.26 1.05 -0.41	24.82 1.16 -0.54	26.71 1.38 -0.73	31.64 1.78 -3.23	32.07 2.03 -5.00	34.96 2.48 -6.08	42.14 2.56 -12.95	28.76 2.11 -1.84	24.50 1.51 -0.05	22.44 1.53 0.00

ERIE_ST__34_KV_TB1-2 80199	16.63 -0.68 -1.04	16.75 -0.58 -0.85	16.05 -0.62 -0.84	15.99 -0.59 -0.75	15.74 -0.57 -0.90	17.73 -0.75 -0.59	21.52 -0.34 -0.48	23.85 -0.88 1.02	24.41 -0.61 1.58	23.93 -0.57 1.39	22.99 -0.49 1.02	22.46 -0.44 0.43	21.70 -0.58 0.13	21.54 -0.32 -0.43	21.63 -0.44 -0.26	22.77 -0.51 -0.15	22.99 -0.52 1.10	25.03 -0.83 0.77	25.52 -0.40 -0.88	27.44 -0.24 -1.28	30.30 -0.29 -3.97	24.96 -0.32 -0.48	22.27 -0.69 -0.02	20.78 -0.13 0.00
ERIE_WT_PWR 323693	16.40 -0.57 -0.69	16.53 -0.44 -0.50	15.82 -0.51 -0.51	15.79 -0.47 -0.44	15.56 -0.45 -0.60	17.63 -0.61 -0.35	19.98 -0.47 0.93	19.52 -0.77 5.46	19.67 -0.88 6.06	19.65 -0.88 5.36	19.38 -0.83 4.29	19.88 -0.89 2.56	19.94 -0.76 1.71	20.77 -0.64 0.02	20.65 -0.72 0.44	21.33 -0.90 0.89	19.38 -0.84 4.38	19.95 -0.96 5.72	21.77 -0.80 2.46	23.25 -0.61 2.54	23.83 -0.64 2.16	23.66 -0.67 0.49	22.03 -0.92 -0.01	20.64 -0.27 0.00
ESPRGFLD_115KV_TB1 80157	17.30 0.99 -0.03	17.52 0.99 -0.05	16.79 0.92 -0.05	16.77 0.90 -0.05	16.34 0.91 -0.02	19.03 1.11 -0.04	22.87 1.45 -0.03	27.61 1.75 -0.11	29.79 1.86 -1.33	27.80 1.76 -0.16	26.17 1.57 -0.10	24.92 1.47 -0.11	23.85 1.34 -0.09	22.86 1.33 -0.10	23.23 1.33 -0.09	24.62 1.46 -0.04	26.19 1.50 -0.09	39.42 1.76 -11.04	48.16 1.78 -21.34	54.36 2.01 -25.96	83.57 2.02 -54.92	34.73 1.86 -8.06	24.67 1.51 -0.22	22.21 1.30 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.14 0.54 -1.32	18.11 0.56 -1.08	17.37 0.49 -1.06	17.28 0.51 -0.95	17.04 0.49 -1.15	19.28 0.64 -0.75	23.99 0.83 -1.77	28.97 0.98 -2.25	29.03 0.96 -1.46	27.97 0.88 -1.20	26.38 0.81 -1.07	24.83 0.65 -0.85	23.73 0.54 -0.78	22.50 0.56 -0.52	22.86 0.52 -0.53	24.38 0.58 -0.67	26.32 0.69 -1.03	30.11 0.80 -2.69	29.41 0.90 -3.47	31.70 1.08 -4.22	36.46 1.09 -8.75	26.99 0.94 -1.24	23.61 0.64 -0.03	21.64 0.73 0.00
ETNA____115KV_TB2 80207	18.14 0.54 -1.32	18.11 0.56 -1.08	17.37 0.49 -1.06	17.28 0.51 -0.95	17.04 0.49 -1.15	19.28 0.64 -0.75	23.99 0.83 -1.77	28.97 0.98 -2.25	29.03 0.96 -1.46	27.97 0.88 -1.20	26.38 0.81 -1.07	24.83 0.65 -0.85	23.73 0.54 -0.78	22.50 0.56 -0.52	22.86 0.52 -0.53	24.38 0.58 -0.67	26.32 0.69 -1.03	30.11 0.80 -2.69	29.41 0.90 -3.47	31.70 1.08 -4.22	36.46 1.09 -8.75	26.99 0.94 -1.24	23.61 0.64 -0.03	21.64 0.73 0.00
EUCLID____115KV_TB2 356179	17.28 -0.02 -1.02	17.39 0.00 -0.91	16.68 -0.03 -0.89	16.61 -0.02 -0.81	16.25 -0.03 -0.87	18.52 0.00 -0.64	22.44 -0.02 -1.08	27.08 -0.03 -1.36	27.56 -0.08 -1.03	26.77 -0.08 -0.96	25.42 0.00 -0.92	24.16 -0.05 -0.87	23.20 -0.07 -0.86	22.16 -0.06 -0.80	22.47 -0.09 -0.75	23.86 -0.09 -0.82	25.34 -0.10 -0.84	27.60 -0.11 -1.08	25.93 -0.08 -0.96	27.63 -0.03 -1.26	29.07 -0.03 -2.47	25.08 -0.07 -0.34	22.78 -0.16 -0.01	20.87 -0.04 0.00
E_CANADA_CAP_HY 24051	23.04 1.07 -5.68	21.74 1.10 -4.16	21.05 1.03 -4.20	20.50 1.01 -3.67	21.40 1.02 -4.99	22.05 1.25 -2.91	30.31 1.60 -7.32	33.46 1.93 -5.78	29.57 2.05 -0.92	27.59 1.84 0.13	25.99 1.67 0.18	24.83 1.61 0.11	24.08 1.50 -0.16	22.79 1.41 0.05	23.19 1.46 0.07	24.77 1.57 -0.07	26.01 1.60 0.19	38.15 1.92 -9.60	46.06 1.93 -19.10	51.79 2.16 -23.23	77.65 2.24 -48.78	34.15 2.11 -7.23	24.90 1.77 -0.19	22.35 1.44 0.00
E_CANADA_MHWK_HY 24050	16.32 -0.03 -0.07	16.49 -0.03 -0.05	15.87 0.00 -0.05	15.90 0.03 -0.04	15.49 0.03 -0.06	17.97 0.05 -0.04	21.43 -0.04 -0.09	25.83 0.00 -0.08	26.68 0.08 0.00	25.94 0.05 0.00	24.55 0.05 0.00	23.43 0.09 0.00	22.48 0.07 0.00	21.49 0.06 0.00	21.85 0.04 0.00	23.25 0.12 0.00	24.72 0.12 0.00	26.81 0.19 0.00	25.24 0.20 0.00	26.63 0.24 0.00	26.84 0.21 0.00	25.06 0.25 0.00	23.10 0.16 0.00	21.14 0.23 0.00
E_FISHKILL____LBMP 23776	21.51 1.22 -4.00	20.60 1.17 -2.96	19.97 1.17 -2.98	19.60 1.17 -2.61	20.01 1.09 -3.51	21.22 1.27 -2.07	28.05 1.52 -5.15	32.29 1.98 -4.56	29.92 2.18 -1.14	28.62 2.12 -0.61	27.24 2.01 -0.73	25.80 1.96 -0.51	24.99 1.91 -0.67	23.46 1.76 -0.28	23.95 1.81 -0.33	25.88 1.97 -0.78	27.31 1.99 -0.72	36.28 2.10 -7.55	39.60 2.00 -12.55	43.68 2.09 -15.20	64.69 2.05 -36.01	31.34 1.89 -4.64	24.83 1.77 -0.12	22.35 1.44 0.00
FALCON____SEABRD_CC1 323796	-0.51 -0.94 15.84	-0.51 -0.99 15.99	0.05 -0.97 14.81	5.66 -0.95 9.21	5.85 -0.75 8.80	9.95 -0.70 7.23	11.10 -0.73 9.56	0.09 -1.42 24.24	-0.59 -1.30 25.89	-0.67 -1.32 25.24	-0.67 -1.28 23.89	-0.68 -1.24 22.78	-0.63 -1.19 21.85	0.06 -1.20 20.17	7.84 -1.05 12.92	8.20 -1.16 13.77	9.10 -0.98 14.52	15.33 -0.85 10.44	23.59 -0.50 0.95	23.24 -0.37 2.79	26.36 -0.27 0.00	25.21 0.40 0.00	23.39 0.46 0.00	21.18 0.27 0.00
FALCON____SEABRD_CC2 323797	-0.51 -0.94 15.84	-0.51 -0.99 15.99	0.05 -0.97 14.81	5.66 -0.95 9.21	5.85 -0.75 8.80	9.95 -0.70 7.23	11.10 -0.73 9.56	0.09 -1.42 24.24	-0.59 -1.30 25.89	-0.67 -1.32 25.24	-0.67 -1.28 23.89	-0.68 -1.24 22.78	-0.63 -1.19 21.85	0.06 -1.20 20.17	7.84 -1.05 12.92	8.20 -1.16 13.77	9.10 -0.98 14.52	15.33 -0.85 10.44	23.59 -0.50 0.95	23.24 -0.37 2.79	26.36 -0.27 0.00	25.21 0.40 0.00	23.39 0.46 0.00	21.18 0.27 0.00
FAR ROCKAWAY____4 23548	22.54 1.89 -4.37	21.18 1.78 -2.93	20.56 1.79 -2.95	20.17 1.77 -2.58	20.46 1.59 -3.47	21.88 1.95 -2.05	30.10 2.35 -6.36	33.17 2.91 -4.51	30.90 3.17 -1.13	29.57 3.08 -0.61	28.85 2.94 -1.41	26.80 2.87 -0.60	26.75 2.78 -1.56	28.90 2.59 -4.88	26.76 2.66 -2.30	29.12 2.87 -3.13	33.08 2.95 -5.53	40.45 3.14 -10.68	47.79 2.95 -19.80	50.18 3.14 -20.64	86.15 3.09 -56.43	39.07 2.83 -11.43	31.80 2.68 -6.18	25.39 2.32 -2.16
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.75 1.51 -3.96	20.82 1.42 -2.93	20.19 1.42 -2.95	19.84 1.44 -2.58	20.22 1.34 -3.47	21.47 1.54 -2.05	28.34 1.86 -5.09	32.71 2.45 -4.51	30.45 2.71 -1.13	29.13 2.64 -0.61	27.70 2.47 -0.73	26.26 2.43 -0.50	25.46 2.38 -0.67	23.89 2.19 -0.28	24.40 2.27 -0.33	26.35 2.45 -0.77	27.77 2.46 -0.71	36.72 2.64 -7.46	39.93 2.48 -12.41	43.98 2.56 -15.02	64.68 2.48 -35.57	31.66 2.26 -4.59	25.22 2.16 -0.12	22.71 1.80 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.75 1.51 -3.96	20.82 1.42 -2.93	20.21 1.44 -2.95	19.84 1.44 -2.58	20.22 1.34 -3.47	21.47 1.54 -2.05	28.34 1.86 -5.09	32.71 2.45 -4.51	30.45 2.71 -1.13	29.13 2.64 -0.61	27.70 2.47 -0.73	26.26 2.43 -0.50	25.46 2.38 -0.67	23.89 2.19 -0.28	24.40 2.27 -0.33	26.35 2.45 -0.77	27.77 2.46 -0.71	36.72 2.64 -7.46	39.93 2.48 -12.41	43.98 2.56 -15.02	64.68 2.48 -35.57	31.66 2.26 -4.59	25.22 2.16 -0.12	22.73 1.82 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.75 1.51 -3.96	20.82 1.42 -2.93	20.19 1.42 -2.95	19.83 1.42 -2.58	20.22 1.34 -3.47	21.47 1.54 -2.05	28.34 1.86 -5.09	32.71 2.45 -4.51	30.42 2.69 -1.13	29.13 2.64 -0.61	27.68 2.45 -0.73	26.26 2.43 -0.50	25.43 2.35 -0.67	23.89 2.19 -0.28	24.40 2.27 -0.33	26.35 2.45 -0.77	27.77 2.46 -0.71	36.69 2.61 -7.46	39.90 2.45 -12.41	43.95 2.53 -15.02	64.65 2.45 -35.57	31.66 2.26 -4.59	25.19 2.13 -0.12	22.71 1.80 0.00

FARRAGUT___LBMP 323566	21.74 1.50 -3.96	20.80 1.40 -2.93	20.18 1.41 -2.95	19.83 1.42 -2.58	20.20 1.32 -3.47	21.45 1.52 -2.05	28.31 1.84 -5.09	32.68 2.42 -4.51	30.39 2.66 -1.13	29.10 2.61 -0.61	27.65 2.43 -0.73	26.24 2.40 -0.50	25.41 2.33 -0.67	23.87 2.16 -0.28	24.38 2.25 -0.33	26.33 2.43 -0.77	27.74 2.44 -0.71	36.69 2.61 -7.46	39.90 2.45 -12.41	43.92 2.51 -15.02	64.65 2.45 -35.57	31.63 2.23 -4.59	25.19 2.13 -0.12	22.69 1.78 0.00
FENNER___WINDPWR 24204	18.19 0.37 -1.53	18.26 0.38 -1.41	17.50 0.32 -1.36	17.40 0.32 -1.26	17.07 0.32 -1.34	19.31 0.43 -0.99	23.50 0.49 -1.62	28.31 0.59 -1.98	28.97 0.67 -1.70	28.10 0.62 -1.59	26.55 0.54 -1.51	25.26 0.49 -1.44	24.24 0.42 -1.40	23.19 0.45 -1.31	23.48 0.41 -1.26	24.96 0.46 -1.37	26.56 0.54 -1.42	28.86 0.69 -1.55	26.90 0.75 -1.11	28.80 0.90 -1.51	30.21 0.93 -2.65	25.94 0.74 -0.38	23.45 0.50 -0.01	21.47 0.56 0.00
FIBERTEK___ENERGY 23856	17.39 0.16 -0.95	17.49 0.18 -0.84	16.78 0.14 -0.81	16.72 0.16 -0.74	16.36 0.14 -0.82	18.68 0.21 -0.58	22.72 0.28 -1.06	27.36 0.31 -1.31	27.78 0.24 -0.94	27.01 0.28 -0.85	25.62 0.32 -0.80	24.33 0.26 -0.74	23.32 0.18 -0.73	22.27 0.19 -0.65	22.60 0.17 -0.62	23.98 0.16 -0.69	25.53 0.20 -0.74	28.00 0.19 -1.19	26.53 0.23 -1.27	28.30 0.29 -1.61	30.18 0.29 -3.26	25.49 0.22 -0.45	23.02 0.07 -0.01	21.10 0.19 0.00
FITZPATRICK____ 23598	16.28 -0.26 -0.27	16.42 -0.25 -0.19	15.76 -0.25 -0.20	15.74 -0.25 -0.17	15.39 -0.25 -0.23	17.75 -0.27 -0.14	21.38 -0.34 -0.34	25.57 -0.44 -0.26	26.10 -0.51 0.00	25.39 -0.49 0.00	24.06 -0.44 0.00	22.89 -0.44 0.00	22.00 -0.43 -0.01	21.02 -0.41 0.00	21.39 -0.41 0.00	22.68 -0.46 -0.01	24.11 -0.49 0.00	26.09 -0.53 0.00	24.56 -0.48 0.00	25.95 -0.45 0.00	26.17 -0.45 0.00	24.34 -0.47 0.00	22.43 -0.50 0.00	20.55 -0.36 0.00
FLOWRLD_69_KV_BK1 356044	22.55 1.90 -4.37	21.20 1.80 -2.93	20.59 1.82 -2.95	20.21 1.80 -2.58	20.45 1.57 -3.47	21.92 1.99 -2.05	30.16 2.42 -6.36	33.25 2.99 -4.51	30.93 3.19 -1.13	29.57 3.08 -0.61	28.61 2.70 -1.41	26.78 2.85 -0.60	26.73 2.76 -1.56	28.88 2.57 -4.88	26.74 2.64 -2.30	29.08 2.82 -3.13	33.03 2.90 -5.53	40.45 3.14 -10.68	47.79 2.95 -19.80	50.20 3.17 -20.64	86.15 3.09 -56.43	38.99 2.75 -11.43	31.77 2.66 -6.18	25.22 2.15 -2.16
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.62 1.35 -3.99	20.73 1.30 -2.95	20.07 1.28 -2.97	19.72 1.30 -2.60	20.12 1.22 -3.50	21.32 1.38 -2.06	28.21 1.69 -5.13	32.53 2.24 -4.54	30.18 2.45 -1.13	28.81 2.33 -0.60	27.45 2.23 -0.71	25.97 2.15 -0.50	25.16 2.08 -0.66	23.61 1.91 -0.27	24.09 1.96 -0.32	26.07 2.17 -0.76	27.54 2.24 -0.70	36.43 2.32 -7.48	39.76 2.23 -12.49	43.92 2.40 -15.12	64.72 2.37 -35.73	31.59 2.16 -4.62	25.03 1.97 -0.12	22.54 1.63 0.00
FORT ORANGE____ 23900	21.48 0.62 -4.58	20.49 0.66 -3.35	19.84 0.63 -3.39	19.43 0.65 -2.96	20.05 0.63 -4.02	20.96 0.73 -2.35	28.14 0.86 -5.90	31.52 1.13 -4.64	28.41 1.17 -0.64	26.86 1.17 0.19	25.32 1.08 0.26	24.24 1.07 0.16	23.53 1.05 -0.06	22.33 0.99 0.08	22.70 1.00 0.11	24.14 1.06 0.05	25.41 1.08 0.27	34.81 1.12 -7.07	40.58 1.05 -14.49	45.17 1.13 -17.64	63.99 1.14 -36.22	31.36 1.04 -5.51	24.07 0.99 -0.15	21.66 0.75 0.00
FORT_DRUM_COGEN 23780	23.57 -0.11 -7.41	23.69 -0.20 -7.41	22.56 -0.32 -7.05	22.05 -0.32 -6.55	21.42 -0.29 -6.31	22.74 -0.29 -5.14	28.04 -0.28 -6.93	36.87 -0.23 -11.36	37.85 -0.35 -11.59	36.54 -0.54 -11.20	34.58 -0.54 -10.62	32.88 -0.56 -10.10	31.50 -0.61 -9.70	30.11 -0.54 -9.22	29.84 -0.63 -8.66	31.75 -0.62 -9.25	33.72 -0.61 -9.74	33.41 -0.45 -7.24	26.00 -0.13 -1.08	28.92 0.11 -2.41	28.04 0.19 -1.22	24.98 0.00 -0.17	22.64 -0.30 0.00	20.62 -0.29 0.00
FPL_FAR_ROCK_GT1 24212	22.45 1.89 -4.28	21.09 1.78 -2.84	20.47 1.79 -2.86	20.09 1.77 -2.50	20.39 1.59 -3.40	21.82 1.95 -1.98	29.99 2.35 -6.26	33.10 2.91 -4.45	30.51 3.19 -0.71	29.36 3.08 -0.40	28.69 2.96 -1.23	26.67 2.89 -0.44	26.61 2.78 -1.42	28.77 2.59 -4.75	26.61 2.64 -2.17	28.97 2.87 -2.97	32.84 2.93 -5.32	38.11 3.14 -8.34	43.64 2.95 -15.64	45.09 3.11 -15.58	75.16 3.06 -45.47	37.51 2.83 -9.87	31.75 2.68 -6.14	25.37 2.30 -2.16
FPL_FAR_ROCK_GT2 23815	22.45 1.89 -4.28	21.09 1.78 -2.84	20.47 1.79 -2.86	20.09 1.77 -2.50	20.39 1.59 -3.40	21.82 1.95 -1.98	29.99 2.35 -6.26	33.10 2.91 -4.45	30.51 3.19 -0.71	29.36 3.08 -0.40	28.69 2.96 -1.23	26.67 2.89 -0.44	26.61 2.78 -1.42	28.77 2.59 -4.75	26.61 2.64 -2.17	28.97 2.87 -2.97	32.84 2.93 -5.32	38.11 3.14 -8.34	43.64 2.95 -15.64	45.09 3.11 -15.58	75.16 3.06 -45.47	37.51 2.83 -9.87	31.75 2.68 -6.14	25.37 2.30 -2.16
FRANKLIN_FALL_HYD 24054	5.97 -0.90 9.41	6.03 -0.94 9.50	5.62 -0.90 9.30	3.19 -0.87 11.76	3.42 -0.75 11.22	7.90 -0.75 9.23	8.35 -0.86 12.18	9.12 -1.18 15.44	9.69 -1.28 15.64	9.61 -1.27 15.01	8.98 -1.27 14.25	8.61 -1.19 13.53	8.29 -1.17 12.95	7.56 -1.11 12.75	4.87 -1.00 15.93	5.07 -1.06 16.99	5.68 -1.01 17.91	12.85 -0.91 12.87	23.24 -0.65 1.15	22.34 -0.63 3.42	26.13 -0.56 -0.06	24.49 -0.32 -0.01	22.73 -0.21 0.00	20.62 -0.29 0.00
FREEPORT_EQUS_GT1 23764	22.35 1.79 -4.28	20.99 1.68 -2.84	20.39 1.71 -2.86	20.02 1.69 -2.50	20.30 1.49 -3.40	21.71 1.84 -1.98	29.91 2.27 -6.26	33.00 2.81 -4.45	30.37 3.06 -0.71	29.26 2.98 -0.40	28.59 2.87 -1.23	26.55 2.78 -0.44	26.52 2.69 -1.42	28.66 2.48 -4.75	26.52 2.55 -2.17	28.87 2.77 -2.97	32.72 2.80 -5.32	37.97 3.01 -8.34	43.51 2.83 -15.64	44.96 2.98 -15.58	75.03 2.93 -45.47	37.36 2.68 -9.87	31.69 2.61 -6.14	25.24 2.17 -2.16
FREEPORT___CT2 23818	22.35 1.79 -4.28	20.99 1.68 -2.84	20.39 1.71 -2.86	20.02 1.69 -2.50	20.30 1.49 -3.40	21.71 1.84 -1.98	29.91 2.27 -6.26	33.00 2.81 -4.45	30.37 3.06 -0.71	29.26 2.98 -0.40	28.59 2.87 -1.23	26.55 2.78 -0.44	26.52 2.69 -1.42	28.66 2.48 -4.75	26.52 2.55 -2.17	28.87 2.77 -2.97	32.72 2.80 -5.32	37.97 3.01 -8.34	43.51 2.83 -15.64	44.96 2.98 -15.58	75.03 2.93 -45.47	37.36 2.68 -9.87	31.69 2.61 -6.14	25.24 2.17 -2.16
FRESHKLS_33_KV_LOAD 356253	21.82 1.58 -3.96	20.88 1.48 -2.93	20.24 1.47 -2.95	19.89 1.49 -2.58	20.28 1.40 -3.48	21.45 1.52 -2.05	28.29 1.82 -5.09	32.68 2.42 -4.51	30.31 2.58 -1.13	29.00 2.51 -0.61	27.63 2.40 -0.73	26.27 2.43 -0.51	25.46 2.38 -0.68	23.87 2.16 -0.28	24.39 2.25 -0.34	26.41 2.50 -0.78	27.89 2.58 -0.71	36.86 2.77 -7.47	39.95 2.50 -12.41	43.98 2.56 -15.02	64.68 2.48 -35.58	31.78 2.38 -4.59	25.36 2.29 -0.13	22.88 1.97 -0.01
FULTON COGEN____ 23766	17.05 -0.10 -0.86	17.15 -0.10 -0.78	16.46 -0.11 -0.75	16.40 -0.11 -0.69	16.04 -0.11 -0.74	18.34 -0.09 -0.54	22.22 -0.09 -0.92	26.77 -0.13 -1.15	27.29 -0.19 -0.87	26.49 -0.21 -0.81	25.13 -0.15 -0.77	23.88 -0.19 -0.74	22.91 -0.22 -0.72	21.88 -0.21 -0.67	22.20 -0.24 -0.63	23.54 -0.28 -0.69	25.04 -0.27 -0.71	27.28 -0.29 -0.95	25.66 -0.25 -0.87	27.35 -0.18 -1.14	28.70 -0.19 -2.26	24.90 -0.22 -0.31	22.65 -0.30 -0.01	20.74 -0.17 0.00



FULTON___LFGE 323630	23.27 1.61 -5.38	22.04 1.63 -3.94	21.35 1.55 -3.98	20.82 1.52 -3.47	21.68 1.56 -4.72	22.53 1.89 -2.75	30.52 2.20 -6.93	33.81 2.60 -5.47	30.33 2.74 -0.98	28.06 2.33 0.15	26.40 2.11 0.21	25.07 1.87 0.13	24.34 1.79 -0.13	23.04 1.67 0.06	23.44 1.72 0.09	25.08 1.92 -0.03	26.40 2.02 0.22	39.43 2.48 -10.33	48.11 2.48 -20.59	54.18 2.75 -25.04	82.00 2.88 -52.50	35.26 2.66 -7.80	25.35 2.20 -0.21	23.10 2.19 0.00
G.F.CEMENT___DRP 24184	22.16 1.01 -4.87	21.10 1.04 -3.59	20.42 0.98 -3.62	19.90 0.92 -3.16	20.61 0.94 -4.27	21.54 1.14 -2.51	29.25 1.60 -6.26	32.69 2.03 -4.91	30.25 2.15 -1.49	27.87 2.07 0.09	26.12 1.81 0.19	24.97 1.73 0.09	24.21 1.66 -0.14	22.94 1.52 0.00	23.32 1.55 0.04	24.80 1.67 0.00	26.20 1.80 0.20	42.88 1.97 -14.28	55.27 1.85 -28.38	62.96 2.03 -34.53	100.85 2.10 -72.12	37.50 1.94 -10.75	24.90 1.67 -0.29	22.18 1.28 0.00
GARDENVILLE___LBMP 24039	16.72 -0.59 -1.02	16.84 -0.48 -0.84	16.13 -0.52 -0.83	16.07 -0.49 -0.74	15.82 -0.48 -0.89	17.83 -0.64 -0.59	21.13 -0.56 -0.30	23.44 -0.77 1.54	23.65 -0.88 2.08	23.22 -0.85 1.81	22.40 -0.74 1.36	21.86 -0.84 0.64	21.36 -0.78 0.26	21.15 -0.71 -0.43	21.20 -0.83 -0.22	22.28 -0.93 -0.08	22.27 -0.89 1.45	24.20 -1.12 1.31	24.71 -0.85 -0.52	26.59 -0.69 -0.88	29.31 -0.69 -3.38	24.44 -0.74 -0.38	21.93 -1.03 -0.02	20.51 -0.40 0.00
GARDNVLA_35_KV_LD 355827	16.75 -0.55 -1.03	16.89 -0.43 -0.84	16.16 -0.49 -0.83	16.12 -0.44 -0.74	15.86 -0.43 -0.89	17.88 -0.59 -0.59	21.17 -0.51 -0.30	23.46 -0.75 1.54	23.70 -0.82 2.08	23.27 -0.80 1.81	22.48 -0.66 1.36	21.93 -0.77 0.64	21.41 -0.74 0.26	21.26 -0.60 -0.43	21.33 -0.70 -0.22	22.38 -0.83 -0.08	22.34 -0.81 1.45	24.28 -1.04 1.31	24.78 -0.78 -0.52	26.67 -0.61 -0.88	29.39 -0.61 -3.38	24.54 -0.65 -0.38	22.02 -0.94 -0.02	20.62 -0.29 0.00
GELCKHM___115KV_LOAD 80723	17.31 0.03 -1.00	17.41 0.05 -0.89	16.72 0.03 -0.86	16.64 0.03 -0.78	16.29 0.03 -0.86	18.57 0.07 -0.62	22.54 0.09 -1.07	27.19 0.10 -1.34	27.66 0.05 -1.00	26.86 0.05 -0.92	25.50 0.12 -0.88	24.23 0.07 -0.83	23.27 0.04 -0.81	22.22 0.04 -0.75	22.53 0.02 -0.71	23.91 0.00 -0.78	25.43 0.02 -0.81	27.75 0.00 -1.12	26.16 0.05 -1.07	27.88 0.11 -1.38	29.47 0.11 -2.74	25.24 0.05 -0.38	22.88 -0.07 -0.01	20.95 0.04 0.00
GENERAL___MILLS 23808	16.74 -0.57 -1.03	16.86 -0.46 -0.84	16.15 -0.51 -0.83	16.09 -0.47 -0.75	15.83 -0.46 -0.89	17.85 -0.63 -0.59	21.19 -0.53 -0.34	23.55 -0.77 1.42	23.79 -0.85 1.96	23.34 -0.83 1.72	22.51 -0.71 1.28	21.95 -0.79 0.59	21.42 -0.76 0.23	21.22 -0.64 -0.43	21.27 -0.76 -0.23	22.35 -0.88 -0.10	22.40 -0.84 1.37	24.34 -1.09 1.19	24.83 -0.80 -0.59	26.72 -0.63 -0.96	29.45 -0.67 -3.49	24.51 -0.69 -0.40	21.97 -0.99 -0.02	20.57 -0.33 0.00
GE_PLASTICS___DRP 24183	21.51 0.63 -4.60	20.52 0.66 -3.38	19.87 0.63 -3.41	19.44 0.63 -2.99	20.05 0.62 -4.03	20.97 0.72 -2.37	28.13 0.83 -5.91	31.55 1.08 -4.72	28.67 1.17 -0.90	27.06 1.14 -0.03	25.53 1.05 0.03	24.37 1.03 -0.02	23.67 1.03 -0.23	22.44 0.96 -0.05	22.81 0.98 -0.02	24.30 1.04 -0.13	25.62 1.06 0.04	35.53 1.09 -7.81	41.50 1.05 -15.41	46.26 1.11 -18.75	66.84 1.09 -39.12	31.64 0.99 -5.83	24.03 0.94 -0.16	21.66 0.75 0.00
GILBOA___1 23756	20.67 0.73 -3.66	19.90 0.74 -2.68	19.24 0.71 -2.71	18.90 0.71 -2.36	19.29 0.68 -3.21	20.54 0.79 -1.87	27.06 0.96 -4.71	30.32 1.03 -3.55	28.10 1.14 -0.36	26.97 1.09 0.00	25.53 1.03 0.00	24.34 1.00 0.00	23.52 0.94 -0.17	22.50 1.05 -0.02	22.91 1.07 -0.03	24.53 1.18 -0.23	25.86 1.18 -0.08	31.80 1.28 -3.90	33.52 1.23 -7.26	36.50 1.29 -8.81	47.37 1.28 -19.46	28.70 1.17 -2.72	24.09 1.08 -0.07	21.79 0.88 0.00
GILBOA___2 23757	20.67 0.73 -3.66	19.90 0.74 -2.68	19.24 0.71 -2.71	18.90 0.71 -2.36	19.29 0.68 -3.21	20.54 0.79 -1.87	27.06 0.96 -4.71	30.32 1.03 -3.55	28.10 1.14 -0.36	26.97 1.09 0.00	25.53 1.03 0.00	24.34 1.00 0.00	23.52 0.94 -0.17	22.50 1.05 -0.02	22.91 1.07 -0.03	24.53 1.18 -0.23	25.86 1.18 -0.08	31.80 1.28 -3.90	33.52 1.23 -7.26	36.50 1.29 -8.81	47.37 1.28 -19.46	28.70 1.17 -2.72	24.09 1.08 -0.07	21.79 0.88 0.00
GILBOA___3 23758	20.67 0.73 -3.66	19.90 0.74 -2.68	19.24 0.71 -2.71	18.90 0.71 -2.36	19.29 0.68 -3.21	20.54 0.79 -1.87	27.06 0.96 -4.71	30.32 1.03 -3.55	28.10 1.14 -0.36	26.97 1.09 0.00	25.53 1.03 0.00	24.34 1.00 0.00	23.52 0.94 -0.17	22.50 1.05 -0.02	22.91 1.07 -0.03	24.53 1.18 -0.23	25.86 1.18 -0.08	31.80 1.28 -3.90	33.52 1.23 -7.26	36.50 1.29 -8.81	47.37 1.28 -19.46	28.70 1.17 -2.72	24.09 1.08 -0.07	21.79 0.88 0.00
GILBOA___4 23759	20.67 0.73 -3.66	19.90 0.74 -2.68	19.24 0.71 -2.71	18.90 0.71 -2.36	19.29 0.68 -3.21	20.54 0.79 -1.87	27.06 0.96 -4.71	30.32 1.03 -3.55	28.10 1.14 -0.36	26.97 1.09 0.00	25.53 1.03 0.00	24.34 1.00 0.00	23.52 0.94 -0.17	22.50 1.05 -0.02	22.91 1.07 -0.03	24.53 1.18 -0.23	25.86 1.18 -0.08	31.80 1.28 -3.90	33.52 1.23 -7.26	36.50 1.29 -8.81	47.37 1.28 -19.46	28.70 1.17 -2.72	24.09 1.08 -0.07	21.79 0.88 0.00
GILBOA___ 23599	20.77 0.73 -3.75	19.99 0.74 -2.78	19.33 0.71 -2.80	18.98 0.71 -2.45	19.37 0.68 -3.29	20.61 0.79 -1.94	27.15 0.94 -4.82	30.79 1.03 -4.02	28.50 1.12 -0.78	27.22 1.09 -0.25	25.76 1.03 -0.23	24.51 0.98 -0.19	23.73 0.96 -0.35	22.61 1.05 -0.14	23.03 1.09 -0.14	24.63 1.18 -0.32	26.03 1.21 -0.22	33.35 1.28 -5.45	36.38 1.23 -10.12	39.99 1.29 -12.30	54.45 1.28 -26.55	29.78 1.17 -3.80	24.12 1.08 -0.10	21.81 0.90 0.00
GINNA___ 23603	16.86 0.08 -0.50	16.97 0.13 -0.36	16.27 0.08 -0.37	16.25 0.11 -0.32	15.93 0.09 -0.44	18.32 0.18 -0.25	22.05 0.02 -0.64	25.82 0.33 0.26	25.83 0.00 0.77	25.08 -0.05 0.76	23.85 -0.05 0.60	22.78 -0.19 0.36	22.19 0.00 0.22	21.38 -0.04 0.00	21.70 -0.04 0.06	22.81 -0.21 0.11	23.86 -0.12 0.62	26.12 -0.11 0.40	25.38 -0.12 -0.46	27.07 0.05 -0.63	28.47 0.05 -1.79	24.97 -0.07 -0.24	22.67 -0.27 -0.01	20.99 0.08 0.00
GLEN PARK___ 23778	23.65 -0.08 -7.45	23.77 -0.16 -7.46	22.63 -0.28 -7.10	22.10 -0.28 -6.56	21.49 -0.25 -6.33	22.79 -0.25 -5.15	28.13 -0.21 -6.96	36.81 -0.15 -11.21	37.78 -0.27 -11.44	36.47 -0.49 -11.07	34.49 -0.52 -10.50	32.79 -0.54 -9.99	31.42 -0.58 -9.59	30.03 -0.51 -9.11	29.73 -0.61 -8.54	31.62 -0.62 -9.11	33.58 -0.61 -9.59	33.18 -0.35 -6.90	25.59 -0.07 -0.63	28.43 0.19 -1.84	26.92 0.29 0.00	24.88 0.07 0.00	22.68 -0.25 0.00	20.66 -0.25 0.00
GLENDALE_27_KV_LOAD 356172	21.87 1.63 -3.96	20.92 1.52 -2.93	20.29 1.52 -2.95	19.94 1.53 -2.58	20.32 1.43 -3.48	21.56 1.63 -2.05	28.42 1.95 -5.09	32.83 2.57 -4.51	30.55 2.82 -1.13	29.26 2.77 -0.61	27.83 2.60 -0.73	26.43 2.59 -0.51	25.60 2.51 -0.68	24.05 2.34 -0.28	24.56 2.42 -0.34	26.52 2.61 -0.78	27.94 2.63 -0.71	36.91 2.82 -7.47	40.10 2.65 -12.41	44.16 2.75 -15.02	64.86 2.66 -35.58	31.80 2.41 -4.59	25.36 2.29 -0.13	22.86 1.94 -0.01

GLENWOOD_IC_1_G5 23712	22.28 1.63 -4.37	20.95 1.55 -2.93	20.32 1.55 -2.95	19.95 1.55 -2.58	20.28 1.40 -3.47	21.61 1.68 -2.05	29.82 2.07 -6.36	32.89 2.63 -4.51	30.61 2.87 -1.13	29.29 2.80 -0.61	28.54 2.62 -1.41	26.55 2.61 -0.60	26.50 2.53 -1.56	28.66 2.36 -4.88	26.52 2.42 -2.30	28.89 2.64 -3.13	32.81 2.68 -5.53	40.16 2.85 -10.68	47.52 2.68 -19.80	49.75 2.72 -20.64	85.72 2.66 -56.43	38.77 2.53 -11.43	31.48 2.36 -6.18	25.06 1.99 -2.16
GLENWOOD_IC_2_G1 23688	22.11 1.55 -4.28	20.78 1.47 -2.84	20.16 1.47 -2.86	19.79 1.47 -2.50	20.14 1.34 -3.40	21.46 1.59 -1.98	29.59 1.95 -6.26	32.67 2.47 -4.45	30.03 2.71 -0.71	28.93 2.64 -0.40	28.28 2.55 -1.23	26.27 2.50 -0.44	26.23 2.40 -1.42	28.40 2.23 -4.75	26.24 2.27 -2.17	28.57 2.48 -2.97	32.43 2.51 -5.32	37.65 2.69 -8.34	43.21 2.53 -15.64	44.62 2.64 -15.58	74.68 2.58 -45.47	37.04 2.36 -9.87	31.30 2.22 -6.14	24.91 1.84 -2.16
GLENWOOD_IC_3_G1 23689	22.11 1.55 -4.28	20.78 1.47 -2.84	20.16 1.47 -2.86	19.79 1.47 -2.50	20.14 1.34 -3.40	21.46 1.59 -1.98	29.59 1.95 -6.26	32.67 2.47 -4.45	30.03 2.71 -0.71	28.93 2.64 -0.40	28.28 2.55 -1.23	26.27 2.50 -0.44	26.23 2.40 -1.42	28.40 2.23 -4.75	26.24 2.27 -2.17	28.57 2.48 -2.97	32.43 2.51 -5.32	37.65 2.69 -8.34	43.21 2.53 -15.64	44.62 2.64 -15.58	74.68 2.58 -45.47	37.04 2.36 -9.87	31.30 2.22 -6.14	24.91 1.84 -2.16
GLENWOOD___4 23550	22.28 1.63 -4.37	20.95 1.55 -2.93	20.32 1.55 -2.95	19.95 1.55 -2.58	20.28 1.40 -3.47	21.61 1.68 -2.05	29.82 2.07 -6.36	32.89 2.63 -4.51	30.61 2.87 -1.13	29.29 2.80 -0.61	28.54 2.62 -1.41	26.55 2.61 -0.60	26.50 2.53 -1.56	28.66 2.36 -4.88	26.52 2.42 -2.30	28.89 2.64 -3.13	32.81 2.68 -5.53	40.16 2.85 -10.68	47.52 2.68 -19.80	49.81 2.77 -20.64	85.77 2.72 -56.43	38.77 2.53 -11.43	31.48 2.36 -6.18	25.06 1.99 -2.16
GLENWOOD___5 23614	22.28 1.63 -4.37	20.95 1.55 -2.93	20.32 1.55 -2.95	19.95 1.55 -2.58	20.28 1.40 -3.47	21.61 1.68 -2.05	29.82 2.07 -6.36	32.89 2.63 -4.51	30.61 2.87 -1.13	29.29 2.80 -0.61	28.54 2.62 -1.41	26.55 2.61 -0.60	26.50 2.53 -1.56	28.66 2.36 -4.88	26.52 2.42 -2.30	28.89 2.64 -3.13	32.81 2.68 -5.53	40.16 2.85 -10.68	47.52 2.68 -19.80	49.81 2.77 -20.64	85.77 2.72 -56.43	38.77 2.53 -11.43	31.48 2.36 -6.18	25.06 1.99 -2.16
GLOBAL GREEN_PORT_GT1 23814	22.81 2.25 -4.28	21.44 2.13 -2.84	20.85 2.17 -2.86	20.46 2.14 -2.50	20.66 1.86 -3.40	22.23 2.36 -1.98	30.44 2.80 -6.26	33.65 3.45 -4.45	31.01 3.70 -0.71	29.88 3.60 -0.40	29.13 3.40 -1.23	27.02 3.24 -0.44	26.95 3.11 -1.42	29.07 2.89 -4.75	26.87 2.90 -2.17	29.27 3.17 -2.97	33.24 3.32 -5.32	38.61 3.65 -8.34	44.06 3.38 -15.64	45.57 3.59 -15.58	75.64 3.54 -45.47	37.78 3.10 -9.87	32.12 3.05 -6.14	25.54 2.47 -2.16
GLOBE___DSASP 323697	16.05 -0.86 -0.64	16.18 -0.76 -0.47	15.50 -0.79 -0.47	15.50 -0.73 -0.41	15.25 -0.71 -0.56	17.28 -0.93 -0.33	19.87 -0.94 0.57	20.71 -0.98 4.06	20.52 -1.44 4.64	20.34 -1.42 4.12	19.85 -1.35 3.30	19.89 -1.47 1.97	19.92 -1.19 1.31	19.87 -1.54 0.01	19.83 -1.64 0.34	21.01 -1.43 0.68	19.82 -1.40 3.38	20.82 -1.52 4.29	21.86 -1.50 1.68	23.36 -1.35 1.69	24.14 -1.39 1.10	23.18 -1.34 0.29	21.09 -1.86 -0.01	19.80 -1.11 0.00
GOETHSLN___LBMP 323567	21.71 1.47 -3.96	20.77 1.37 -2.93	20.15 1.38 -2.95	19.79 1.39 -2.58	20.17 1.29 -3.47	21.41 1.48 -2.05	28.27 1.80 -5.09	32.63 2.37 -4.51	30.31 2.58 -1.13	29.08 2.59 -0.61	27.58 2.35 -0.73	26.15 2.31 -0.50	25.34 2.26 -0.67	23.80 2.10 -0.28	24.29 2.16 -0.33	26.24 2.34 -0.77	27.65 2.34 -0.71	36.59 2.50 -7.46	39.80 2.35 -12.41	43.82 2.40 -15.02	64.52 2.32 -35.57	31.53 2.13 -4.59	25.10 2.04 -0.12	22.64 1.74 0.00
GOLAH___69_KV_TB 1_2 80279	17.30 0.15 -0.87	17.44 0.23 -0.73	16.71 0.17 -0.72	16.70 0.24 -0.65	16.34 0.18 -0.75	18.72 0.32 -0.51	22.41 0.21 -0.81	26.72 0.46 -0.51	26.01 0.16 -0.09	24.77 0.12 -0.07	23.46 -0.14 -0.15	22.74 -0.02 -0.27	21.77 -0.11 -0.35	22.02 -0.17 -0.45	23.21 -0.32 -0.38	24.50 -0.20 -0.40	27.04 -0.29 -0.10	26.29 -0.20 -0.71	28.27 0.03 -1.45	30.95 0.08 -1.85	25.28 -0.10 -4.25	22.63 -0.32 -0.57	21.10 0.19 -0.02	
GOODYEAR_LAKE_HYD 323669	18.72 0.88 -1.56	18.55 0.89 -1.18	17.83 0.82 -1.18	17.69 0.82 -1.04	17.57 0.80 -1.36	19.67 0.97 -0.82	24.62 1.24 -2.00	29.05 1.49 -1.81	29.22 1.62 -0.99	27.80 1.58 -0.33	26.24 1.45 -0.29	24.91 1.33 -0.25	23.94 1.23 -0.29	22.83 1.22 -0.18	23.23 1.24 -0.18	24.72 1.34 -0.25	26.26 1.38 -0.28	34.62 1.54 -6.45	38.61 1.55 -12.02	42.73 1.72 -14.62	59.55 1.73 -31.19	30.87 1.54 -4.52	24.32 1.26 -0.12	22.02 1.11 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.26 0.34 -1.64	18.12 0.36 -1.28	17.41 0.32 -1.27	17.28 0.33 -1.13	17.15 0.32 -1.43	19.19 0.41 -0.89	24.08 0.60 -2.09	28.49 0.59 -2.16	28.29 0.69 -1.00	27.27 0.65 -0.74	25.82 0.64 -0.68	24.45 0.56 -0.56	23.45 0.47 -0.57	22.33 0.51 -0.39	22.70 0.50 -0.39	24.18 0.53 -0.52	25.84 0.59 -0.65	30.02 0.56 -2.84	30.06 0.63 -4.39	32.54 0.79 -5.36	38.91 0.75 -11.54	27.12 0.69 -1.62	23.44 0.46 -0.04	21.45 0.54 0.00
GOUDEY___7 23579	18.27 0.36 -1.64	18.13 0.38 -1.28	17.43 0.33 -1.27	17.30 0.35 -1.13	17.15 0.32 -1.43	19.21 0.43 -0.89	24.10 0.62 -2.09	28.52 0.62 -2.16	28.32 0.72 -1.00	27.30 0.67 -0.74	25.84 0.66 -0.68	24.48 0.58 -0.56	23.48 0.49 -0.57	22.35 0.54 -0.39	22.72 0.52 -0.39	24.20 0.56 -0.52	25.86 0.61 -0.65	30.05 0.59 -2.84	30.11 0.68 -4.39	32.57 0.82 -5.36	38.94 0.77 -11.54	27.15 0.72 -1.62	23.46 0.48 -0.04	21.47 0.56 0.00
GOUDEY___8 23580	18.26 0.34 -1.64	18.12 0.36 -1.28	17.41 0.32 -1.27	17.28 0.33 -1.13	17.15 0.32 -1.43	19.19 0.41 -0.89	24.08 0.60 -2.09	28.49 0.59 -2.16	28.29 0.69 -1.00	27.27 0.65 -0.74	25.82 0.64 -0.68	24.45 0.56 -0.56	23.45 0.47 -0.57	22.33 0.51 -0.39	22.70 0.50 -0.39	24.18 0.53 -0.52	25.84 0.59 -0.65	30.02 0.56 -2.84	30.06 0.63 -4.39	32.54 0.79 -5.36	38.91 0.75 -11.54	27.12 0.69 -1.62	23.44 0.46 -0.04	21.45 0.54 0.00
GOWANUS_GT1_1 24077	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
GOWANUS_GT1_2 24078	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01

GOWANUS_GT1_3 24079	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT1_4 24080	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT1_5 24084	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT1_6 24111	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT1_7 24112	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT1_8 24113	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT2_1 24114	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT2_2 24115	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT2_3 24116	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT2_4 24117	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT2_5 24118	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT2_6 24119	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT2_7 24120	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT2_8 24121	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT3_1 24122	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01

GOWANUS_GT3_2 24123	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT3_3 24124	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT3_4 24125	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT3_5 24126	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT3_6 24127	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT3_7 24128	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT3_8 24129	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT4_1 24130	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT4_2 24131	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT4_3 24132	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT4_4 24133	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT4_5 24134	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT4_6 24135	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT4_7 24136	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
GOWANUS_GT4_8 24137	21.77	20.83	20.21	19.85	20.22	21.46	28.28	32.74	30.08	29.00	27.64	26.25	25.44	23.87	24.37	26.34	27.71	34.60	35.94	39.08	53.88	30.25	25.34	22.88
	1.61	1.51	1.52	1.52	1.42	1.59	1.90	2.55	2.77	2.72	2.60	2.57	2.49	2.29	2.36	2.59	2.61	2.85	2.65	2.72	2.64	2.41	2.32	1.96
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01

GREENBSH_115KV_TB3 55895	21.48 0.57 -4.63	20.50 0.61 -3.41	19.85 0.59 -3.44	19.43 0.60 -3.01	20.04 0.57 -4.06	20.95 0.68 -2.39	28.09 0.75 -5.96	31.42 0.98 -4.69	28.63 1.06 -0.96	26.89 1.06 0.05	25.31 0.96 0.15	24.25 0.98 0.06	23.55 0.99 -0.15	22.36 0.92 -0.01	22.72 0.94 0.02	24.13 0.97 -0.03	25.43 0.98 0.15	36.45 1.01 -8.82	43.74 0.98 -17.72	49.01 1.03 -21.58	72.11 1.01 -44.47	32.45 0.92 -6.73	24.01 0.89 -0.18	21.60 0.69 0.00
GREENDGE_115KV_TB5 80291	17.75 0.31 -1.16	17.79 0.36 -0.95	17.06 0.30 -0.94	16.98 0.32 -0.84	16.72 0.31 -1.01	19.01 0.46 -0.66	24.57 0.64 -2.54	31.40 0.62 -5.04	31.42 0.51 -4.32	30.12 0.57 -3.66	28.17 0.64 -3.03	25.77 0.44 -2.00	24.31 0.36 -1.54	22.28 0.39 -0.47	22.85 0.35 -0.69	24.50 0.32 -1.05	28.08 0.44 -3.04	32.40 0.32 -5.45	30.54 0.63 -4.88	32.95 0.84 -5.71	37.79 0.80 -10.37	26.99 0.62 -1.56	23.24 0.28 -0.03	21.45 0.54 0.00
GREENIDGE___3 23582	17.75 0.31 -1.16	17.79 0.36 -0.95	17.06 0.30 -0.94	16.98 0.32 -0.84	16.72 0.31 -1.01	19.01 0.46 -0.66	24.57 0.64 -2.54	31.40 0.62 -5.04	31.42 0.51 -4.32	30.12 0.57 -3.66	28.17 0.64 -3.03	25.77 0.44 -2.00	24.31 0.36 -1.54	22.28 0.39 -0.47	22.85 0.35 -0.69	24.50 0.32 -1.05	28.08 0.44 -3.04	32.40 0.32 -5.45	30.54 0.63 -4.88	32.95 0.84 -5.71	37.79 0.80 -10.37	26.99 0.62 -1.56	23.24 0.28 -0.03	21.45 0.54 0.00
GREENIDGE___4 23583	17.40 0.31 -0.81	17.43 0.36 -0.59	16.72 0.30 -0.60	16.66 0.32 -0.52	16.42 0.31 -0.71	18.76 0.46 -0.41	25.57 0.64 -3.55	34.74 0.59 -8.40	34.77 0.61 -7.55	32.83 0.54 -6.40	30.12 0.49 -5.13	26.82 0.42 -3.06	24.89 0.36 -2.12	21.83 0.39 -0.02	22.70 0.37 -0.53	24.59 0.32 -1.14	30.28 0.44 -5.24	35.79 0.53 -8.63	32.15 0.63 -6.49	34.57 0.84 -7.33	39.17 0.80 -11.75	27.36 0.64 -1.91	23.25 0.30 -0.02	21.47 0.56 0.00
GREENLWN_69_KV_BK 3 55738	22.46 1.81 -4.37	21.10 1.70 -2.93	20.49 1.72 -2.95	20.11 1.71 -2.58	20.39 1.51 -3.47	21.81 1.88 -2.05	30.03 2.29 -6.36	33.14 2.88 -4.51	30.85 3.11 -1.13	29.49 3.00 -0.61	28.68 2.77 -1.41	26.73 2.80 -0.60	26.68 2.71 -1.56	28.83 2.53 -4.88	26.70 2.59 -2.30	29.05 2.80 -3.13	32.98 2.85 -5.53	40.37 3.06 -10.68	47.72 2.88 -19.80	50.10 3.06 -20.64	86.04 2.98 -56.43	38.94 2.70 -11.43	31.71 2.59 -6.18	25.24 2.17 -2.16
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.85 1.61 -3.96	20.92 1.52 -2.93	20.29 1.52 -2.95	19.92 1.52 -2.58	20.32 1.43 -3.48	21.52 1.59 -2.05	28.38 1.90 -5.09	32.81 2.55 -4.51	30.50 2.77 -1.13	29.18 2.69 -0.61	27.78 2.55 -0.73	26.39 2.54 -0.51	25.58 2.49 -0.68	24.00 2.29 -0.28	24.52 2.38 -0.34	26.50 2.59 -0.78	27.94 2.63 -0.71	36.91 2.82 -7.47	40.10 2.65 -12.41	44.14 2.72 -15.02	64.84 2.64 -35.58	31.80 2.41 -4.59	25.38 2.32 -0.13	22.88 1.97 -0.01
GRISSOM___SOLAR 323813	23.27 1.61 -5.38	22.04 1.63 -3.94	21.35 1.55 -3.98	20.82 1.52 -3.47	21.68 1.56 -4.72	22.53 1.89 -2.75	30.52 2.20 -6.93	33.81 2.60 -5.47	30.33 2.74 -0.98	28.06 2.33 0.15	26.40 2.11 0.21	25.07 1.87 0.13	24.34 1.79 -0.13	23.04 1.67 0.06	23.44 1.72 0.09	25.08 1.92 -0.03	26.40 2.02 0.22	39.43 2.48 -10.33	48.11 2.48 -20.59	54.18 2.75 -25.04	82.00 2.88 -52.50	35.26 2.66 -7.80	25.35 2.20 -0.21	23.10 2.19 0.00
GROVEVILLE___HYD 323602	21.62 1.35 -3.99	20.73 1.30 -2.95	20.07 1.28 -2.97	19.72 1.30 -2.60	20.12 1.22 -3.50	21.32 1.38 -2.06	28.21 1.69 -5.13	32.53 2.24 -4.54	30.18 2.45 -1.13	28.81 2.33 -0.60	27.45 2.23 -0.71	25.97 2.15 -0.50	25.16 2.08 -0.66	23.61 1.91 -0.27	24.09 1.96 -0.32	26.07 2.17 -0.76	27.54 2.24 -0.70	36.43 2.32 -7.48	39.76 2.23 -12.49	43.92 2.40 -15.12	64.72 2.37 -35.73	31.59 2.16 -4.62	25.03 1.97 -0.12	22.54 1.63 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.39 0.16 -0.95	17.49 0.18 -0.84	16.78 0.14 -0.81	16.72 0.16 -0.74	16.36 0.14 -0.82	18.68 0.21 -0.58	22.72 0.28 -1.06	27.36 0.31 -1.31	27.78 0.24 -0.94	27.01 0.28 -0.85	25.62 0.32 -0.80	24.33 0.26 -0.74	23.32 0.18 -0.73	22.27 0.19 -0.65	22.60 0.17 -0.62	23.98 0.16 -0.69	25.53 0.20 -0.74	28.00 0.19 -1.19	26.53 0.23 -1.27	28.30 0.29 -1.61	30.18 0.29 -3.26	25.49 0.22 -0.45	23.02 0.07 -0.01	21.10 0.19 0.00
HAMLTNNY_34_KV_TB 80303	17.40 0.18 -0.94	17.49 0.20 -0.82	16.80 0.17 -0.80	16.72 0.17 -0.72	16.37 0.15 -0.81	18.71 0.25 -0.57	22.79 0.34 -1.07	27.46 0.41 -1.31	27.87 0.35 -0.92	27.07 0.36 -0.82	25.64 0.37 -0.77	24.37 0.33 -0.71	23.38 0.27 -0.70	22.30 0.26 -0.61	22.63 0.24 -0.58	24.02 0.23 -0.66	25.59 0.27 -0.72	28.14 0.27 -1.25	26.73 0.30 -1.39	28.54 0.40 -1.75	30.61 0.40 -3.58	25.61 0.30 -0.50	23.09 0.14 -0.01	21.14 0.23 0.00
HAMPSHIRE___PAPER_HYD 323593	-8.65 -0.50 24.42	-8.78 -0.59 24.67	-8.37 -0.65 23.54	-7.77 -0.60 22.99	-7.19 -0.66 21.93	-0.93 -0.77 18.05	-3.33 -0.92 23.79	-13.59 -0.72 38.62	-14.25 -0.77 40.08	-13.78 -0.93 38.73	-13.09 -0.86 36.73	-12.44 -0.84 34.94	-11.92 -0.85 33.48	-11.36 -0.77 32.02	-10.57 -0.92 31.46	-11.30 -0.88 33.55	-11.84 -1.08 35.36	0.10 -1.09 25.43	21.66 -1.08 2.31	18.52 -1.08 6.80	25.61 -1.01 0.00	23.82 -0.99 0.00	21.95 -0.99 0.00	19.97 -0.94 0.00
HARDSCRABBLE_WT_PWR 323673	16.20 -0.15 -0.07	16.38 -0.15 -0.05	15.78 -0.09 -0.05	15.80 -0.06 -0.04	15.40 -0.06 -0.06	17.88 -0.04 -0.04	21.35 -0.13 -0.09	25.75 -0.08 -0.08	26.63 0.03 0.00	25.91 0.03 0.00	24.50 0.00 0.00	23.36 0.02 0.00	22.42 0.00 0.00	21.43 0.00 0.00	21.81 0.00 0.00	23.18 0.05 0.00	24.67 0.07 0.00	26.76 0.13 0.00	25.19 0.15 0.00	26.58 0.19 0.00	26.79 0.16 0.00	24.98 0.17 0.00	23.03 0.09 0.00	21.06 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.43 1.30 -3.85	20.57 1.25 -2.84	19.92 1.23 -2.87	19.56 1.23 -2.51	19.95 1.17 -3.37	21.21 1.34 -1.99	27.95 1.63 -4.95	32.23 2.11 -4.38	30.01 2.31 -1.09	28.69 2.23 -0.58	27.35 2.16 -0.69	25.87 2.05 -0.48	25.05 1.99 -0.64	23.54 1.84 -0.27	24.02 1.90 -0.31	25.96 2.10 -0.73	27.44 2.16 -0.67	36.03 2.24 -7.17	39.14 2.13 -11.97	43.17 2.27 -14.50	63.03 2.24 -34.17	31.30 2.06 -4.43	24.91 1.86 -0.12	22.48 1.57 0.00
HARSNRAD_115KV_TB1 81005	16.63 -0.62 -0.97	16.77 -0.51 -0.80	16.06 -0.55 -0.79	16.01 -0.52 -0.71	15.74 -0.51 -0.84	17.78 -0.66 -0.56	21.22 -0.68 -0.52	24.31 -0.75 0.68	24.37 -1.06 1.17	23.80 -1.06 1.02	22.89 -0.88 0.73	21.98 -1.10 0.25	21.46 -0.94 0.01	20.75 -1.11 -0.44	20.87 -1.22 -0.29	22.11 -1.23 -0.21	22.67 -1.13 0.80	24.84 -1.33 0.45	24.78 -1.20 -0.94	26.69 -1.03 -1.32	29.42 -1.01 -3.80	24.01 -1.27 -0.47	21.51 -1.44 -0.02	20.18 -0.73 0.00
HARZA MOOSE___RIVER 24016	21.43 0.15 -5.00	21.53 0.05 -5.00	20.52 -0.06 -4.76	20.20 -0.05 -4.42	19.62 -0.05 -4.26	21.34 -0.02 -3.47	26.02 -0.04 -4.68	33.48 0.05 -7.68	34.50 0.05 -7.84	33.44 -0.03 -7.58	31.71 0.02 -7.19	30.05 -0.12 -6.83	28.83 -0.13 -6.56	27.57 -0.09 -6.23	27.55 -0.11 -5.85	29.31 -0.07 -6.25	31.11 -0.07 -6.59	31.53 0.08 -4.82	25.95 0.33 -0.58	28.32 0.48 -1.45	27.59 0.53 -0.43	25.21 0.35 -0.06	23.03 0.09 0.00	21.01 0.10 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	17.27 0.07 -0.93	17.37 0.08 -0.81	16.66 0.05 -0.79	16.60 0.06 -0.72	16.25 0.05 -0.80	18.56 0.11 -0.57	22.53 0.13 -1.02	27.13 0.15 -1.23	27.55 0.08 -0.87	26.78 0.10 -0.79	25.42 0.17 -0.75	24.16 0.12 -0.71	23.18 0.07 -0.70	22.15 0.09 -0.64	22.47 0.07 -0.60	23.84 0.05 -0.67	25.34 0.05 -0.69	27.76 0.05 -1.09	26.26 0.08 -1.15	27.99 0.13 -1.46	29.73 0.13 -2.97	25.30 0.07 -0.41	22.90 -0.05 -0.01	20.99 0.08 0.00
HELLGATE_13_KV_LD 55870	21.80 1.56 -3.96	20.87 1.47 -2.93	20.24 1.47 -2.95	19.89 1.49 -2.58	20.27 1.39 -3.48	21.50 1.57 -2.05	28.31 1.84 -5.09	32.71 2.45 -4.51	30.42 2.69 -1.13	29.13 2.64 -0.61	27.70 2.47 -0.73	26.32 2.47 -0.51	25.49 2.40 -0.68	23.94 2.23 -0.28	24.45 2.31 -0.34	26.41 2.50 -0.78	27.82 2.51 -0.71	36.75 2.66 -7.47	39.98 2.53 -12.41	44.00 2.59 -15.02	64.70 2.50 -35.58	31.68 2.28 -4.59	25.27 2.20 -0.13	22.78 1.86 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.80 1.56 -3.96	20.87 1.47 -2.93	20.24 1.47 -2.95	19.89 1.49 -2.58	20.27 1.39 -3.48	21.50 1.57 -2.05	28.31 1.84 -5.09	32.71 2.45 -4.51	30.42 2.69 -1.13	29.13 2.64 -0.61	27.70 2.47 -0.73	26.32 2.47 -0.51	25.49 2.40 -0.68	23.94 2.23 -0.28	24.45 2.31 -0.34	26.41 2.50 -0.78	27.82 2.51 -0.71	36.75 2.66 -7.47	39.98 2.53 -12.41	44.00 2.59 -15.02	64.70 2.50 -35.58	31.68 2.28 -4.59	25.27 2.20 -0.13	22.78 1.86 -0.01
HEMPSTEAD____ 23647	22.20 1.64 -4.28	20.86 1.55 -2.84	20.25 1.57 -2.86	19.89 1.57 -2.50	20.19 1.39 -3.40	21.57 1.70 -1.98	29.76 2.12 -6.26	32.82 2.63 -4.45	30.19 2.87 -0.71	29.08 2.80 -0.40	28.42 2.70 -1.23	26.39 2.61 -0.44	26.34 2.51 -1.42	28.51 2.34 -4.75	26.37 2.40 -2.17	28.71 2.61 -2.97	32.55 2.63 -5.32	37.79 2.82 -8.34	43.31 2.63 -15.64	44.75 2.77 -15.58	74.81 2.72 -45.47	37.19 2.50 -9.87	31.48 2.41 -6.14	25.03 1.96 -2.16
HEWLETT_69_KV_BK3 55828	22.47 1.82 -4.37	21.11 1.71 -2.93	20.51 1.74 -2.95	20.13 1.72 -2.58	20.42 1.54 -3.47	21.81 1.88 -2.05	30.01 2.27 -6.36	33.07 2.81 -4.51	30.79 3.06 -1.13	29.47 2.98 -0.61	28.76 2.84 -1.41	26.71 2.78 -0.60	26.66 2.69 -1.56	28.81 2.51 -4.88	26.68 2.57 -2.30	29.05 2.80 -3.13	32.98 2.85 -5.53	40.34 3.04 -10.68	47.69 2.85 -19.80	50.07 3.04 -20.64	86.01 2.96 -56.43	38.97 2.73 -11.43	31.71 2.59 -6.18	25.29 2.22 -2.16
HICKLING___1 23621	17.93 0.29 -1.36	17.92 0.36 -1.09	17.20 0.30 -1.08	17.08 0.30 -0.96	16.90 0.31 -1.18	19.05 0.41 -0.76	24.26 0.77 -2.11	29.54 0.72 -3.07	29.58 0.80 -2.18	28.43 0.75 -1.79	26.77 0.74 -1.53	25.09 0.68 -1.09	23.87 0.54 -0.92	22.48 0.62 -0.43	22.88 0.57 -0.51	24.42 0.58 -0.72	26.80 0.69 -1.51	30.82 0.59 -3.61	30.07 0.78 -4.25	32.50 1.00 -5.10	37.83 0.93 -10.27	27.13 0.84 -1.48	23.43 0.46 -0.03	21.56 0.65 0.00
HICKLING___2 23622	17.93 0.29 -1.36	17.92 0.36 -1.09	17.20 0.30 -1.08	17.08 0.30 -0.96	16.90 0.31 -1.18	19.05 0.41 -0.76	24.26 0.77 -2.11	29.54 0.72 -3.07	29.58 0.80 -2.18	28.43 0.75 -1.79	26.77 0.74 -1.53	25.09 0.68 -1.09	23.87 0.54 -0.92	22.48 0.62 -0.43	22.88 0.57 -0.51	24.42 0.58 -0.72	26.80 0.69 -1.51	30.82 0.59 -3.61	30.07 0.78 -4.25	32.50 1.00 -5.10	37.83 0.93 -10.27	27.13 0.84 -1.48	23.43 0.46 -0.03	21.56 0.65 0.00
HIGH FALLS___HY 23754	21.67 1.43 -3.96	20.77 1.37 -2.92	20.13 1.36 -2.95	19.76 1.36 -2.58	20.14 1.26 -3.47	21.38 1.45 -2.04	28.14 1.67 -5.09	32.39 2.24 -4.41	30.10 2.45 -1.05	28.69 2.33 -0.48	27.43 2.38 -0.55	25.89 2.17 -0.39	25.06 2.08 -0.56	23.54 1.89 -0.23	24.01 1.94 -0.26	25.92 2.17 -0.61	27.42 2.29 -0.53	36.16 2.32 -7.22	39.83 2.28 -12.51	44.02 2.45 -15.17	63.81 2.40 -34.78	31.65 2.18 -4.66	25.01 1.95 -0.12	22.64 1.74 0.00
HILLBURN___GT 23639	21.39 1.34 -3.77	20.52 1.29 -2.76	19.88 1.27 -2.79	19.54 1.28 -2.44	19.90 1.19 -3.31	21.19 1.38 -1.93	27.87 1.62 -4.86	32.17 2.11 -4.31	29.62 2.34 -0.68	28.53 2.28 -0.37	27.18 2.18 -0.50	25.77 2.12 -0.32	24.95 2.04 -0.50	23.45 1.89 -0.14	23.93 1.94 -0.18	25.83 2.13 -0.58	27.23 2.17 -0.46	33.82 2.26 -4.94	35.20 2.13 -8.03	38.34 2.24 -9.70	52.61 2.18 -23.80	29.80 2.03 -2.96	24.87 1.86 -0.08	22.50 1.59 0.00
HILLSIDE_115KV_TB1 80332	17.77 0.10 -1.39	17.73 0.15 -1.11	17.02 0.09 -1.10	16.91 0.11 -0.98	16.72 0.11 -1.21	18.84 0.18 -0.77	23.87 0.43 -2.06	28.84 0.28 -2.81	28.87 0.37 -1.89	27.76 0.34 -1.54	26.20 0.37 -1.33	24.60 0.30 -0.96	23.46 0.20 -0.84	22.16 0.30 -0.43	22.56 0.26 -0.49	24.08 0.28 -0.67	26.22 0.32 -1.30	30.17 0.19 -3.36	29.56 0.35 -4.16	31.97 0.55 -5.02	37.36 0.48 -10.26	26.75 0.47 -1.47	23.13 0.16 -0.03	21.29 0.38 0.00
HISHELDN_WT_PWR 323625	16.43 -0.59 -0.74	16.54 -0.48 -0.54	15.84 -0.52 -0.54	15.82 -0.47 -0.47	15.60 -0.45 -0.64	17.67 -0.59 -0.38	17.13 -0.47 3.79	10.64 -0.75 14.36	10.81 -0.90 14.89	12.02 -0.93 12.93	13.24 -0.91 10.36	16.21 -0.93 6.19	17.48 -0.76 4.17	20.68 -0.71 0.04	19.98 -0.76 1.06	20.01 -0.93 2.20	13.18 -0.84 10.58	10.93 -0.91 14.79	16.31 -0.75 7.98	17.26 -0.56 8.58	15.62 -0.61 10.39	22.24 -0.65 1.92	22.06 -0.89 -0.02	20.57 -0.34 0.00
HOLTSVILLE_IC_1 23690	22.40 1.84 -4.28	21.02 1.71 -2.84	20.43 1.74 -2.86	20.05 1.72 -2.50	20.30 1.49 -3.40	21.76 1.89 -1.98	29.89 2.24 -6.26	32.98 2.78 -4.45	30.32 3.01 -0.71	29.18 2.90 -0.40	28.47 2.74 -1.23	26.43 2.66 -0.44	26.41 2.58 -1.42	28.55 2.38 -4.75	26.33 2.36 -2.17	28.69 2.59 -2.97	32.55 2.63 -5.32	37.82 2.85 -8.34	43.34 2.65 -15.64	44.83 2.85 -15.58	74.84 2.74 -45.47	37.14 2.46 -9.87	31.55 2.48 -6.14	25.08 2.01 -2.16
HOLTSVILLE_IC_10 23699	22.45 1.89 -4.28	21.07 1.76 -2.84	20.49 1.80 -2.86	20.11 1.79 -2.50	20.34 1.54 -3.40	21.82 1.95 -1.98	30.02 2.37 -6.26	33.10 2.91 -4.45	30.45 3.14 -0.71	29.31 3.03 -0.40	28.59 2.87 -1.23	26.55 2.78 -0.44	26.52 2.69 -1.42	28.66 2.48 -4.75	26.46 2.48 -2.17	28.80 2.70 -2.97	32.70 2.78 -5.32	37.97 3.01 -8.34	43.51 2.83 -15.64	44.99 3.01 -15.58	75.05 2.96 -45.47	37.31 2.63 -9.87	31.66 2.59 -6.14	25.14 2.07 -2.16
HOLTSVILLE_IC_2 23691	22.40 1.84 -4.28	21.02 1.71 -2.84	20.43 1.74 -2.86	20.05 1.72 -2.50	20.30 1.49 -3.40	21.76 1.89 -1.98	29.89 2.24 -6.26	32.98 2.78 -4.45	30.32 3.01 -0.71	29.18 2.90 -0.40	28.47 2.74 -1.23	26.43 2.66 -0.44	26.41 2.58 -1.42	28.55 2.38 -4.75	26.33 2.36 -2.17	28.69 2.59 -2.97	32.55 2.63 -5.32	37.82 2.85 -8.34	43.34 2.65 -15.64	44.83 2.85 -15.58	74.84 2.74 -45.47	37.14 2.46 -9.87	31.55 2.48 -6.14	25.08 2.01 -2.16
HOLTSVILLE_IC_3 23692	22.40 1.84 -4.28	21.02 1.71 -2.84	20.43 1.74 -2.86	20.05 1.72 -2.50	20.30 1.49 -3.40	21.76 1.89 -1.98	29.89 2.24 -6.26	32.98 2.78 -4.45	30.32 3.01 -0.71	29.18 2.90 -0.40	28.47 2.74 -1.23	26.43 2.66 -0.44	26.41 2.58 -1.42	28.55 2.38 -4.75	26.33 2.36 -2.17	28.69 2.59 -2.97	32.55 2.63 -5.32	37.82 2.85 -8.34	43.34 2.65 -15.64	44.83 2.85 -15.58	74.84 2.74 -45.47	37.14 2.46 -9.87	31.55 2.48 -6.14	25.08 2.01 -2.16

HOLTSVILLE_IC_4 23693	22.40 1.84 -4.28	21.02 1.71 -2.84	20.43 1.74 -2.86	20.05 1.72 -2.50	20.30 1.49 -3.40	21.76 1.89 -1.98	29.89 2.24 -6.26	32.98 2.78 -4.45	30.32 3.01 -0.71	29.18 2.90 -0.40	28.47 2.74 -1.23	26.43 2.66 -0.44	26.41 2.58 -1.42	28.55 2.38 -4.75	26.33 2.36 -2.17	28.69 2.59 -2.97	32.55 2.63 -5.32	37.82 2.85 -8.34	43.34 2.65 -15.64	44.83 2.85 -15.58	74.84 2.74 -45.47	37.14 2.46 -9.87	31.55 2.48 -6.14	25.08 2.01 -2.16
HOLTSVILLE_IC_5 23694	22.40 1.84 -4.28	21.02 1.71 -2.84	20.43 1.74 -2.86	20.05 1.72 -2.50	20.30 1.49 -3.40	21.76 1.89 -1.98	29.89 2.24 -6.26	32.98 2.78 -4.45	30.32 3.01 -0.71	29.18 2.90 -0.40	28.47 2.74 -1.23	26.43 2.66 -0.44	26.41 2.58 -1.42	28.55 2.38 -4.75	26.33 2.36 -2.17	28.69 2.59 -2.97	32.55 2.63 -5.32	37.82 2.85 -8.34	43.34 2.65 -15.64	44.83 2.85 -15.58	74.84 2.74 -45.47	37.14 2.46 -9.87	31.55 2.48 -6.14	25.08 2.01 -2.16
HOLTSVILLE_IC_6 23695	22.45 1.89 -4.28	21.07 1.76 -2.84	20.49 1.80 -2.86	20.11 1.79 -2.50	20.34 1.54 -3.40	21.82 1.95 -1.98	30.02 2.37 -6.26	33.10 2.91 -4.45	30.45 3.14 -0.71	29.31 3.03 -0.40	28.59 2.87 -1.23	26.55 2.78 -0.44	26.52 2.69 -1.42	28.66 2.48 -4.75	26.46 2.48 -2.17	28.80 2.70 -2.97	32.70 2.78 -5.32	37.97 3.01 -8.34	43.51 2.83 -15.64	44.99 3.01 -15.58	75.05 2.96 -45.47	37.31 2.63 -9.87	31.66 2.59 -6.14	25.14 2.07 -2.16
HOLTSVILLE_IC_7 23696	22.45 1.89 -4.28	21.07 1.76 -2.84	20.49 1.80 -2.86	20.11 1.79 -2.50	20.34 1.54 -3.40	21.82 1.95 -1.98	30.02 2.37 -6.26	33.10 2.91 -4.45	30.45 3.14 -0.71	29.31 3.03 -0.40	28.59 2.87 -1.23	26.55 2.78 -0.44	26.52 2.69 -1.42	28.66 2.48 -4.75	26.46 2.48 -2.17	28.80 2.70 -2.97	32.70 2.78 -5.32	37.97 3.01 -8.34	43.51 2.83 -15.64	44.99 3.01 -15.58	75.05 2.96 -45.47	37.31 2.63 -9.87	31.66 2.59 -6.14	25.14 2.07 -2.16
HOLTSVILLE_IC_8 23697	22.45 1.89 -4.28	21.07 1.76 -2.84	20.49 1.80 -2.86	20.11 1.79 -2.50	20.34 1.54 -3.40	21.82 1.95 -1.98	30.02 2.37 -6.26	33.10 2.91 -4.45	30.45 3.14 -0.71	29.31 3.03 -0.40	28.59 2.87 -1.23	26.55 2.78 -0.44	26.52 2.69 -1.42	28.66 2.48 -4.75	26.46 2.48 -2.17	28.80 2.70 -2.97	32.70 2.78 -5.32	37.97 3.01 -8.34	43.51 2.83 -15.64	44.99 3.01 -15.58	75.05 2.96 -45.47	37.31 2.63 -9.87	31.66 2.59 -6.14	25.14 2.07 -2.16
HOLTSVILLE_IC_9 23698	22.45 1.89 -4.28	21.07 1.76 -2.84	20.49 1.80 -2.86	20.11 1.79 -2.50	20.34 1.54 -3.40	21.82 1.95 -1.98	30.02 2.37 -6.26	33.10 2.91 -4.45	30.45 3.14 -0.71	29.31 3.03 -0.40	28.59 2.87 -1.23	26.55 2.78 -0.44	26.52 2.69 -1.42	28.66 2.48 -4.75	26.46 2.48 -2.17	28.80 2.70 -2.97	32.70 2.78 -5.32	37.97 3.01 -8.34	43.51 2.83 -15.64	44.99 3.01 -15.58	75.05 2.96 -45.47	37.31 2.63 -9.87	31.66 2.59 -6.14	25.14 2.07 -2.16
HOMER_HL_115KV_TB2 355744	16.75 -0.63 -1.11	16.83 -0.54 -0.90	16.14 -0.57 -0.89	16.06 -0.55 -0.80	15.83 -0.54 -0.96	17.82 -0.70 -0.63	22.47 0.00 -1.09	25.63 -0.77 -0.65	26.46 -0.16 -0.01	25.70 -0.16 0.03	24.37 -0.20 -0.07	23.55 0.00 -0.21	22.42 -0.31 -0.32	21.92 0.06 -0.43	22.15 -0.02 -0.37	23.45 -0.07 -0.39	24.49 -0.12 -0.01	27.05 -0.56 -0.98	27.11 -0.03 -2.10	29.28 0.24 -2.65	32.79 0.08 -6.08	25.86 0.22 -0.82	22.75 -0.21 -0.03	21.14 0.23 0.00
HOWARD_WT_PWR 323690	17.04 -0.10 -0.86	17.09 -0.02 -0.63	16.39 -0.06 -0.63	16.34 -0.03 -0.55	16.12 -0.03 -0.75	18.32 0.00 -0.44	28.08 0.30 -6.40	42.92 0.08 -17.10	42.76 0.05 -16.10	39.52 -0.08 -13.71	35.41 -0.07 -10.98	29.78 -0.12 -6.56	26.83 -0.09 -4.51	21.47 0.00 -0.04	22.91 -0.02 -1.13	25.39 -0.14 -2.40	35.82 0.00 -11.22	44.18 0.05 -17.51	37.30 0.22 -12.04	40.36 0.53 -13.44	47.42 0.50 -20.29	28.56 0.37 -3.38	22.95 0.00 -0.02	21.24 0.33 0.00
HQ_GEN_CEDARS 23644	3.82 -0.39 12.07	3.88 -0.41 12.18	3.82 -0.38 11.62	4.17 -0.40 11.26	4.26 -0.40 10.74	8.55 -0.50 8.84	9.10 -0.62 11.66	6.32 -0.59 18.83	6.41 -0.64 19.56	6.33 -0.65 18.90	5.97 -0.61 17.92	5.68 -0.61 17.05	5.49 -0.58 16.34	5.25 -0.56 15.62	5.97 -0.59 15.25	6.24 -0.62 16.26	6.77 -0.69 17.14	13.56 -0.75 12.32	23.24 -0.70 1.10	22.33 -0.79 3.28	25.93 -0.75 -0.05	24.15 -0.67 -0.01	22.43 -0.50 0.00	20.43 -0.48 0.00
HQ_GEN_CEDARS_PROXY 323590	4.73 -0.39 11.16	4.80 -0.41 11.26	4.69 -0.38 10.75	4.93 -0.39 10.50	4.97 -0.40 10.03	9.14 -0.50 8.24	9.87 -0.62 10.89	7.22 -0.59 17.94	7.41 -0.64 18.56	7.31 -0.65 17.93	6.89 -0.61 17.00	6.58 -0.58 16.17	6.33 -0.58 15.50	6.04 -0.56 14.82	6.65 -0.59 14.57	6.97 -0.62 15.54	7.54 -0.69 16.37	14.10 -0.75 11.78	23.27 -0.70 1.07	22.46 -0.79 3.15	25.16 -0.75 0.73	24.78 -0.67 -0.64	22.50 -0.53 -0.09	20.43 -0.48 0.00
HQ_GEN_IMPORT 323601	14.33 -0.29 1.66	14.51 -0.30 1.67	13.96 -0.27 1.59	14.04 -0.27 1.51	13.70 -0.26 1.44	16.38 -0.32 1.19	19.41 -0.41 1.57	22.53 -0.46 2.75	23.22 -0.51 2.88	22.61 -0.49 2.78	21.40 -0.47 2.64	20.38 -0.44 2.51	19.58 -0.43 2.41	18.72 -0.41 2.29	19.21 -0.39 2.20	20.37 -0.42 2.35	21.69 -0.44 2.47	24.34 -0.51 1.78	24.40 -0.48 0.16	25.34 -0.58 0.48	25.34 -0.56 0.73	24.98 -0.47 -0.64	22.68 -0.34 -0.09	20.60 -0.31 0.00
HQ_GEN_WHEEL 23651	14.33 -0.29 1.66	14.51 -0.30 1.67	13.96 -0.27 1.59	14.04 -0.27 1.51	13.70 -0.26 1.44	16.38 -0.32 1.19	19.41 -0.41 1.57	22.53 -0.46 2.75	23.22 -0.51 2.88	22.61 -0.49 2.78	21.40 -0.47 2.64	20.38 -0.44 2.51	19.58 -0.43 2.41	18.72 -0.41 2.29	19.21 -0.39 2.20	20.37 -0.42 2.35	21.69 -0.44 2.47	24.34 -0.51 1.78	24.40 -0.48 0.16	25.34 -0.58 0.48	25.34 -0.56 0.73	24.98 -0.47 -0.64	22.68 -0.34 -0.09	20.60 -0.31 0.00
HUDSON_AVE_GT_3 23810	21.67 1.51 -3.87	20.73 1.42 -2.83	20.11 1.42 -2.86	19.76 1.44 -2.50	20.13 1.32 -3.40	21.41 1.54 -1.98	28.23 1.86 -4.99	32.64 2.45 -4.45	30.03 2.71 -0.71	28.95 2.67 -0.40	27.54 2.50 -0.54	26.13 2.45 -0.34	25.32 2.37 -0.53	23.76 2.19 -0.15	24.25 2.25 -0.20	26.20 2.45 -0.62	27.54 2.44 -0.50	34.38 2.64 -5.12	35.77 2.48 -8.25	38.92 2.56 -9.96	53.72 2.48 -24.62	30.10 2.26 -3.03	25.17 2.16 -0.08	22.71 1.80 0.00
HUDSON_AVE_GT_4 23540	21.67 1.51 -3.87	20.73 1.42 -2.83	20.11 1.42 -2.86	19.76 1.44 -2.50	20.13 1.32 -3.40	21.41 1.54 -1.98	28.23 1.86 -4.99	32.64 2.45 -4.45	30.03 2.71 -0.71	28.95 2.67 -0.40	27.54 2.50 -0.54	26.13 2.45 -0.34	25.32 2.37 -0.53	23.76 2.19 -0.15	24.25 2.25 -0.20	26.20 2.45 -0.62	27.54 2.44 -0.50	34.38 2.64 -5.12	35.77 2.48 -8.25	38.92 2.56 -9.96	53.72 2.48 -24.62	30.10 2.26 -3.03	25.17 2.16 -0.08	22.71 1.80 0.00
HUDSON_AVE_GT_5 23657	21.67 1.51 -3.87	20.73 1.42 -2.83	20.11 1.42 -2.86	19.76 1.44 -2.50	20.13 1.32 -3.40	21.41 1.54 -1.98	28.23 1.86 -4.99	32.64 2.45 -4.45	30.03 2.71 -0.71	28.95 2.67 -0.40	27.54 2.50 -0.54	26.13 2.45 -0.34	25.32 2.37 -0.53	23.76 2.19 -0.15	24.25 2.25 -0.20	26.20 2.45 -0.62	27.54 2.44 -0.50	34.38 2.64 -5.12	35.77 2.48 -8.25	38.92 2.56 -9.96	53.72 2.48 -24.62	30.10 2.26 -3.03	25.17 2.16 -0.08	22.71 1.80 0.00

HUDSON_AVE_10 24168	21.72 1.48 -3.96	20.77 1.37 -2.93	20.15 1.38 -2.95	19.79 1.39 -2.58	20.17 1.29 -3.47	21.41 1.48 -2.05	28.27 1.80 -5.09	32.65 2.39 -4.51	30.37 2.63 -1.13	29.08 2.59 -0.61	27.61 2.38 -0.73	26.19 2.36 -0.50	25.37 2.29 -0.67	23.82 2.12 -0.28	24.34 2.20 -0.33	26.28 2.38 -0.77	27.70 2.39 -0.71	36.64 2.56 -7.46	39.83 2.38 -12.41	43.87 2.45 -15.02	64.57 2.37 -35.57	31.58 2.18 -4.59	25.17 2.11 -0.12	22.67 1.76 0.00
HUDSON___115KV_TB 4 355613	21.52 0.70 -4.54	20.56 0.74 -3.34	19.90 0.71 -3.37	19.48 0.71 -2.95	20.09 0.71 -3.98	21.06 0.84 -2.34	28.29 1.07 -5.83	31.92 1.49 -4.68	29.01 1.46 -0.94	27.42 1.48 -0.06	25.82 1.32 0.00	24.60 1.24 -0.03	23.91 1.26 -0.24	22.66 1.18 -0.06	23.04 1.20 -0.04	24.56 1.27 -0.16	25.92 1.33 0.01	36.07 1.28 -8.17	42.32 1.25 -16.02	47.27 1.37 -19.50	68.91 1.41 -40.87	32.16 1.29 -6.06	24.27 1.17 -0.16	21.85 0.94 0.00
HUNTER MOUNT___DRP 323613	21.31 0.62 -4.41	20.40 0.68 -3.25	19.75 0.65 -3.28	19.34 0.65 -2.87	19.93 0.66 -3.87	20.93 0.77 -2.27	28.15 1.09 -5.67	31.99 1.62 -4.62	29.05 1.49 -0.96	27.55 1.53 -0.14	25.96 1.35 -0.11	24.70 1.26 -0.11	23.97 1.26 -0.31	22.70 1.18 -0.09	23.09 1.20 -0.08	24.65 1.27 -0.25	26.06 1.35 -0.10	35.66 1.17 -7.86	41.30 1.18 -15.08	46.05 1.32 -18.34	67.06 1.38 -39.05	31.76 1.27 -5.69	24.19 1.10 -0.15	21.83 0.92 0.00
HUNTINGTON_RES_REC 323705	22.43 1.87 -4.28	21.06 1.75 -2.84	20.47 1.79 -2.86	20.08 1.76 -2.50	20.34 1.54 -3.40	21.80 1.93 -1.98	30.04 2.39 -6.26	33.16 2.96 -4.45	30.53 3.22 -0.71	29.39 3.10 -0.40	28.69 2.96 -1.23	26.64 2.87 -0.44	26.61 2.78 -1.42	28.77 2.59 -4.75	26.59 2.62 -2.17	28.94 2.84 -2.97	32.84 2.93 -5.32	38.13 3.17 -8.34	43.64 2.95 -15.64	45.12 3.14 -15.58	75.16 3.06 -45.47	37.44 2.75 -9.87	31.75 2.68 -6.14	25.22 2.15 -2.16
HUNTLEY___63 23557	16.68 -0.59 -0.99	16.83 -0.46 -0.82	16.12 -0.51 -0.81	16.07 -0.47 -0.72	15.80 -0.46 -0.86	17.81 -0.64 -0.57	21.29 -0.58 -0.48	24.22 -0.64 0.88	24.31 -0.90 1.39	23.78 -0.88 1.22	22.91 -0.71 0.89	22.07 -0.91 0.35	21.53 -0.81 0.07	20.90 -0.96 -0.44	20.99 -1.09 -0.27	22.27 -1.04 -0.18	22.68 -0.96 0.96	24.80 -1.17 0.65	24.91 -0.98 -0.85	26.81 -0.82 -1.23	29.57 -0.80 -3.74	24.34 -0.92 -0.45	21.63 -1.33 -0.02	20.28 -0.63 0.00
HUNTLEY___64 23558	16.68 -0.59 -0.99	16.83 -0.46 -0.82	16.12 -0.51 -0.81	16.07 -0.47 -0.72	15.80 -0.46 -0.86	17.81 -0.64 -0.57	21.29 -0.58 -0.48	24.22 -0.64 0.88	24.31 -0.90 1.39	23.78 -0.88 1.22	22.91 -0.71 0.89	22.07 -0.91 0.35	21.53 -0.81 0.07	20.90 -0.96 -0.44	20.99 -1.09 -0.27	22.27 -1.04 -0.18	22.68 -0.96 0.96	24.80 -1.17 0.65	24.91 -0.98 -0.85	26.81 -0.82 -1.23	29.57 -0.80 -3.74	24.34 -0.92 -0.45	21.63 -1.33 -0.02	20.28 -0.63 0.00
HUNTLEY___65 23559	16.68 -0.59 -0.99	16.83 -0.46 -0.82	16.12 -0.51 -0.81	16.07 -0.47 -0.72	15.80 -0.46 -0.86	17.81 -0.64 -0.57	21.29 -0.58 -0.48	24.22 -0.64 0.88	24.31 -0.90 1.39	23.78 -0.88 1.22	22.91 -0.71 0.89	22.07 -0.91 0.35	21.53 -0.81 0.07	20.90 -0.96 -0.44	20.99 -1.09 -0.27	22.27 -1.04 -0.18	22.68 -0.96 0.96	24.80 -1.17 0.65	24.91 -0.98 -0.85	26.81 -0.82 -1.23	29.57 -0.80 -3.74	24.34 -0.92 -0.45	21.63 -1.33 -0.02	20.28 -0.63 0.00
HUNTLEY___66 23560	16.68 -0.59 -0.99	16.83 -0.46 -0.82	16.12 -0.51 -0.81	16.07 -0.47 -0.72	15.80 -0.46 -0.86	17.81 -0.64 -0.57	21.29 -0.58 -0.48	24.22 -0.64 0.88	24.31 -0.90 1.39	23.78 -0.88 1.22	22.91 -0.71 0.89	22.07 -0.91 0.35	21.53 -0.81 0.07	20.90 -0.96 -0.44	20.99 -1.09 -0.27	22.27 -1.04 -0.18	22.68 -0.96 0.96	24.80 -1.17 0.65	24.91 -0.98 -0.85	26.81 -0.82 -1.23	29.57 -0.80 -3.74	24.34 -0.92 -0.45	21.63 -1.33 -0.02	20.28 -0.63 0.00
HUNTLEY___67 23561	16.69 -0.60 -1.01	16.81 -0.49 -0.83	16.10 -0.54 -0.82	16.05 -0.51 -0.74	15.79 -0.49 -0.88	17.82 -0.64 -0.58	21.04 -0.73 -0.38	23.62 -0.88 1.25	23.71 -1.12 1.78	23.21 -1.11 1.56	22.41 -0.93 1.16	21.74 -1.07 0.51	21.25 -0.99 0.18	20.92 -0.94 -0.43	20.98 -1.07 -0.24	22.07 -1.18 -0.12	22.23 -1.13 1.24	24.25 -1.36 1.02	24.53 -1.18 -0.67	26.43 -1.00 -1.04	29.17 -1.01 -3.56	24.16 -1.07 -0.41	21.67 -1.28 -0.02	20.30 -0.61 0.00
HUNTLEY___68 23562	16.69 -0.60 -1.01	16.81 -0.49 -0.83	16.10 -0.54 -0.82	16.05 -0.51 -0.74	15.79 -0.49 -0.88	17.82 -0.64 -0.58	21.04 -0.73 -0.38	23.62 -0.88 1.25	23.71 -1.12 1.78	23.21 -1.11 1.56	22.41 -0.93 1.16	21.74 -1.07 0.51	21.25 -0.99 0.18	20.92 -0.94 -0.43	20.98 -1.07 -0.24	22.07 -1.18 -0.12	22.23 -1.13 1.24	24.25 -1.36 1.02	24.53 -1.18 -0.67	26.43 -1.00 -1.04	29.17 -1.01 -3.56	24.16 -1.07 -0.41	21.67 -1.28 -0.02	20.30 -0.61 0.00
HYLAND___LFGE 323620	17.60 0.60 -0.71	17.69 0.69 -0.52	16.95 0.60 -0.53	16.93 0.65 -0.46	16.60 0.57 -0.63	19.09 0.84 -0.37	28.79 0.60 -6.81	45.14 0.70 -18.70	44.48 0.08 -17.79	40.61 -0.44 -15.16	36.16 -0.49 -12.15	30.03 -0.56 -7.26	27.50 0.11 -4.97	21.53 0.06 -0.04	23.09 0.04 -1.24	25.80 0.02 -2.65	37.28 0.27 -12.41	46.16 0.45 -19.08	38.69 0.88 -12.78	42.03 1.42 -14.21	49.18 1.52 -21.04	29.53 1.19 -3.53	23.71 0.76 -0.02	21.85 0.94 0.00
INDECK___CORINTH 23802	22.02 0.93 -4.81	20.95 0.96 -3.52	20.26 0.89 -3.56	19.74 0.81 -3.11	20.47 0.85 -4.22	21.37 1.02 -2.46	29.08 1.50 -6.20	32.46 1.88 -4.84	29.62 2.02 -1.00	27.59 1.94 0.23	25.93 1.74 0.31	24.74 1.61 0.20	24.00 1.55 -0.04	22.74 1.41 0.10	23.12 1.44 0.13	24.59 1.55 0.09	25.92 1.65 0.33	39.27 1.84 -10.81	48.63 1.73 -21.87	54.88 1.87 -26.61	83.78 1.97 -55.19	34.90 1.79 -8.30	24.72 1.56 -0.22	22.04 1.13 0.00
INDECK___ILION 23567	16.52 0.07 -0.17	16.71 0.07 -0.16	16.04 0.06 -0.16	16.05 0.08 -0.14	15.63 0.08 -0.15	18.11 0.11 -0.11	21.62 0.06 -0.17	26.10 0.10 -0.25	26.97 0.16 -0.21	26.25 0.16 -0.21	24.92 0.22 -0.20	23.66 0.14 -0.19	22.73 0.13 -0.19	21.73 0.13 -0.17	22.10 0.13 -0.16	23.47 0.16 -0.18	24.96 0.17 -0.18	26.86 0.21 -0.02	25.06 0.23 0.21	26.43 0.26 0.23	26.32 0.27 0.58	24.97 0.25 0.08	23.09 0.16 0.00	21.12 0.21 0.00
INDECK___OLEAN 23982	16.42 -0.64 -0.78	16.50 -0.54 -0.57	15.83 -0.57 -0.57	15.77 -0.55 -0.50	15.54 -0.54 -0.68	17.58 -0.70 -0.40	22.18 0.19 -0.60	24.50 -0.77 0.48	25.26 -0.13 1.21	24.47 -0.18 1.24	23.27 -0.24 0.99	22.67 -0.07 0.59	21.71 -0.34 0.36	21.49 0.06 0.00	21.70 0.00 0.10	22.79 -0.16 0.18	23.44 -0.15 1.01	25.53 -0.45 0.64	25.84 -0.03 -0.82	27.76 0.26 -1.10	29.90 0.21 -3.06	25.46 0.25 -0.40	22.79 -0.16 -0.02	21.18 0.27 0.00
INDECK___OSWEGO 23783	17.66 -0.15 -1.53	17.78 -0.15 -1.45	17.06 -0.16 -1.39	16.97 -0.16 -1.31	16.58 -0.15 -1.33	18.75 -0.16 -1.03	22.75 -0.19 -1.56	27.63 -0.26 -2.15	28.17 -0.32 -1.89	27.34 -0.34 -1.79	25.88 -0.32 -1.70	24.62 -0.33 -1.62	23.64 -0.34 -1.57	22.61 -0.30 -1.48	22.90 -0.33 -1.42	24.28 -0.37 -1.53	25.80 -0.39 -1.59	27.69 -0.40 -1.47	25.41 -0.35 -0.72	27.16 -0.29 -1.06	27.95 -0.29 -1.62	24.72 -0.32 -0.23	22.57 -0.37 -0.01	20.68 -0.23 0.00



INDECK___YERKES 23781	16.36 -0.57 -0.65	16.51 -0.44 -0.47	15.79 -0.51 -0.48	15.78 -0.46 -0.42	15.54 -0.43 -0.57	17.57 -0.64 -0.33	20.16 -0.56 0.66	20.72 -0.62 4.40	20.69 -0.93 4.98	20.54 -0.93 4.42	20.08 -0.88 3.54	20.19 -1.03 2.11	20.22 -0.79 1.41	20.47 -0.94 0.01	20.40 -1.05 0.36	21.31 -1.09 0.73	20.05 -0.93 3.61	20.95 -1.04 4.63	22.20 -0.98 1.87	23.73 -0.77 1.89	24.47 -0.80 1.36	23.58 -0.89 0.34	21.69 -1.26 -0.01	20.37 -0.54 0.00
INDIAN POINT_GT_1 24139	21.48 1.35 -3.85	20.58 1.29 -2.82	19.93 1.27 -2.84	19.59 1.28 -2.48	19.96 1.19 -3.38	21.23 1.38 -1.97	28.01 1.67 -4.96	32.33 2.16 -4.42	29.70 2.40 -0.70	28.61 2.33 -0.39	27.27 2.23 -0.53	25.84 2.17 -0.34	25.02 2.08 -0.52	23.50 1.93 -0.15	23.97 1.96 -0.20	25.89 2.15 -0.61	27.26 2.17 -0.50	34.02 2.32 -5.08	35.41 2.18 -8.19	38.59 2.30 -9.90	53.29 2.24 -24.43	29.88 2.06 -3.01	24.92 1.90 -0.08	22.48 1.57 0.00
INDIAN POINT_GT_2 23659	21.48 1.35 -3.85	20.58 1.29 -2.82	19.93 1.27 -2.84	19.59 1.28 -2.48	19.96 1.19 -3.38	21.23 1.38 -1.97	28.01 1.67 -4.96	32.33 2.16 -4.42	29.70 2.40 -0.70	28.61 2.33 -0.39	27.27 2.23 -0.53	25.84 2.17 -0.34	25.02 2.08 -0.52	23.50 1.93 -0.15	23.97 1.96 -0.20	25.89 2.15 -0.61	27.26 2.17 -0.50	34.02 2.32 -5.08	35.41 2.18 -8.19	38.59 2.30 -9.90	53.29 2.24 -24.43	29.88 2.06 -3.01	24.92 1.90 -0.08	22.48 1.57 0.00
INDIAN POINT_GT_3 24019	21.48 1.35 -3.85	20.58 1.29 -2.82	19.93 1.27 -2.84	19.59 1.28 -2.48	19.96 1.19 -3.38	21.23 1.38 -1.97	28.01 1.67 -4.96	32.33 2.16 -4.42	29.70 2.40 -0.70	28.61 2.33 -0.39	27.27 2.23 -0.53	25.84 2.17 -0.34	25.02 2.08 -0.52	23.50 1.93 -0.15	23.97 1.96 -0.20	25.89 2.15 -0.61	27.26 2.17 -0.50	34.02 2.32 -5.08	35.41 2.18 -8.19	38.59 2.30 -9.90	53.29 2.24 -24.43	29.88 2.06 -3.01	24.92 1.90 -0.08	22.48 1.57 0.00
INDIAN POINT___2 23530	21.44 1.34 -3.82	20.54 1.27 -2.80	19.91 1.27 -2.83	19.56 1.27 -2.47	19.93 1.17 -3.35	21.20 1.36 -1.96	27.96 1.65 -4.93	32.26 2.14 -4.38	29.66 2.37 -0.69	28.57 2.30 -0.38	27.23 2.21 -0.52	25.81 2.15 -0.33	24.99 2.06 -0.52	23.47 1.91 -0.14	23.96 1.96 -0.19	25.88 2.15 -0.60	27.25 2.17 -0.48	33.94 2.29 -5.03	35.33 2.15 -8.14	38.50 2.27 -9.83	53.04 2.21 -24.21	29.84 2.03 -2.99	24.92 1.90 -0.08	22.48 1.57 0.00
INDIAN POINT___3 23531	21.54 1.32 -3.94	20.64 1.25 -2.91	20.00 1.25 -2.93	19.64 1.25 -2.57	20.03 1.17 -3.45	21.28 1.36 -2.03	28.07 1.63 -5.06	32.37 2.14 -4.49	30.10 2.37 -1.12	28.76 2.28 -0.60	27.38 2.16 -0.72	25.96 2.12 -0.50	25.14 2.06 -0.66	23.61 1.91 -0.28	24.09 1.96 -0.33	26.05 2.15 -0.77	27.47 2.16 -0.70	36.30 2.26 -7.41	39.53 2.15 -12.33	43.60 2.27 -14.93	64.18 2.21 -35.34	31.41 2.03 -4.56	24.94 1.88 -0.12	22.48 1.57 0.00
INGHAM_C_115KV_TB7 356103	16.42 -0.03 -0.17	16.61 -0.03 -0.16	15.98 0.00 -0.16	16.00 0.03 -0.14	15.58 0.03 -0.15	18.05 0.05 -0.11	21.51 -0.04 -0.17	25.99 0.00 -0.25	26.89 0.08 -0.21	26.15 0.05 -0.21	24.90 0.20 -0.20	23.62 0.09 -0.19	22.67 0.07 -0.19	21.66 0.06 -0.17	22.01 0.04 -0.16	23.42 0.12 -0.18	24.91 0.12 -0.18	26.83 0.19 -0.02	25.03 0.20 0.21	26.40 0.24 0.23	26.26 0.21 0.58	24.97 0.25 0.08	23.09 0.16 0.00	21.14 0.23 0.00
IP CORINTH___1 23988	22.09 0.93 -4.88	21.02 0.96 -3.59	20.33 0.89 -3.62	19.80 0.81 -3.17	20.53 0.85 -4.28	21.42 1.02 -2.51	29.14 1.48 -6.28	32.55 1.88 -4.93	30.15 2.02 -1.52	27.74 1.94 0.08	26.01 1.69 0.18	24.86 1.61 0.08	24.10 1.55 -0.15	22.84 1.41 0.00	23.23 1.46 0.03	24.69 1.55 -0.02	26.06 1.65 0.18	43.03 1.84 -14.57	55.65 1.73 -28.88	63.42 1.87 -35.15	102.12 1.97 -73.52	37.54 1.79 -10.94	24.79 1.56 -0.29	22.06 1.15 0.00
IP___TICONDEROGA 23804	22.72 1.56 -4.87	21.66 1.60 -3.59	20.94 1.50 -3.62	20.43 1.44 -3.17	21.16 1.48 -4.28	22.20 1.81 -2.51	30.28 2.63 -6.27	33.96 3.30 -4.92	31.59 3.49 -1.50	29.21 3.42 0.09	27.30 2.99 0.19	26.00 2.75 0.09	25.20 2.64 -0.14	23.85 2.42 0.00	24.23 2.46 0.04	25.87 2.73 -0.01	27.33 2.93 0.19	44.24 3.22 -14.39	56.59 2.98 -28.57	64.38 3.22 -34.76	102.70 3.43 -72.64	38.76 3.13 -10.82	25.86 2.64 -0.29	22.94 2.03 0.00
ISLIP_RES_REC 323679	22.50 1.94 -4.28	21.12 1.81 -2.84	20.53 1.85 -2.86	20.14 1.82 -2.50	20.39 1.59 -3.40	21.87 2.00 -1.98	30.10 2.46 -6.26	33.21 3.01 -4.45	30.56 3.24 -0.71	29.39 3.10 -0.40	28.69 2.96 -1.23	26.64 2.87 -0.44	26.59 2.76 -1.42	28.75 2.57 -4.75	26.55 2.57 -2.17	28.90 2.80 -2.97	32.80 2.88 -5.32	38.11 3.14 -8.34	43.64 2.95 -15.64	45.12 3.14 -15.58	75.18 3.09 -45.47	37.41 2.73 -9.87	31.78 2.71 -6.14	25.22 2.15 -2.16
JAMAICA__27_KV_LOAD 355505	21.77 1.53 -3.96	20.78 1.38 -2.93	20.18 1.41 -2.95	19.81 1.41 -2.58	20.18 1.31 -3.47	21.45 1.52 -2.05	28.36 1.88 -5.09	32.76 2.50 -4.51	30.53 2.79 -1.13	29.21 2.72 -0.61	27.61 2.38 -0.73	26.22 2.38 -0.50	25.39 2.31 -0.67	23.85 2.14 -0.28	24.36 2.22 -0.33	26.33 2.43 -0.77	27.74 2.44 -0.71	36.69 2.61 -7.46	39.88 2.43 -12.41	43.92 2.51 -15.02	64.62 2.42 -35.57	31.61 2.21 -4.59	25.26 2.20 -0.12	22.73 1.82 0.00
JANIS___SOLAR 323808	18.27 0.89 -1.10	18.20 0.92 -0.80	17.41 0.78 -0.81	17.32 0.79 -0.71	17.17 0.80 -0.96	19.48 1.04 -0.56	24.55 1.35 -1.82	29.58 1.54 -2.29	29.40 1.49 -1.30	28.22 1.32 -1.01	26.32 1.00 -0.81	24.61 0.79 -0.48	23.40 0.61 -0.38	22.04 0.60 -0.02	22.48 0.57 -0.10	24.04 0.65 -0.27	26.34 0.86 -0.88	30.64 1.25 -2.76	30.00 1.43 -3.53	32.39 1.80 -4.20	37.22 1.84 -8.75	27.59 1.54 -1.24	24.04 1.08 -0.03	22.04 1.13 0.00
JARVIS____ 23743	16.43 0.08 -0.07	16.59 0.07 -0.05	15.94 0.06 -0.05	15.93 0.06 -0.04	15.53 0.06 -0.06	17.99 0.07 -0.04	21.54 0.06 -0.09	25.93 0.10 -0.08	26.74 0.13 0.00	26.01 0.13 0.00	24.63 0.12 0.00	23.45 0.12 0.00	22.53 0.11 0.00	21.53 0.11 0.00	21.92 0.11 0.00	23.25 0.12 0.00	24.72 0.12 0.00	26.79 0.16 0.00	25.19 0.15 0.00	26.58 0.19 0.00	26.81 0.19 0.00	24.96 0.15 0.00	23.05 0.12 0.00	20.99 0.08 0.00
JENNISON___1 23625	19.09 1.01 -1.80	18.90 1.04 -1.39	18.11 0.90 -1.39	17.95 0.90 -1.22	17.88 0.91 -1.57	20.00 1.14 -0.97	25.18 1.48 -2.32	29.81 1.75 -2.32	29.44 1.81 -1.02	28.31 1.73 -0.69	26.75 1.62 -0.63	25.18 1.33 -0.51	24.09 1.14 -0.53	22.88 1.11 -0.34	23.24 1.09 -0.35	24.79 1.18 -0.48	26.53 1.33 -0.60	31.67 1.57 -3.47	32.40 1.68 -5.68	35.29 1.98 -6.92	43.48 2.02 -14.83	28.63 1.71 -2.11	24.28 1.28 -0.06	22.16 1.25 0.00
JENNISON___2 23626	19.09 1.01 -1.80	18.90 1.04 -1.39	18.11 0.90 -1.39	17.95 0.90 -1.22	17.88 0.91 -1.57	20.00 1.14 -0.97	25.18 1.48 -2.32	29.81 1.75 -2.32	29.44 1.81 -1.02	28.31 1.73 -0.69	26.75 1.62 -0.63	25.18 1.33 -0.51	24.09 1.14 -0.53	22.88 1.11 -0.34	23.24 1.09 -0.35	24.79 1.18 -0.48	26.53 1.33 -0.60	31.67 1.57 -3.47	32.40 1.68 -5.68	35.29 1.98 -6.92	43.48 2.02 -14.83	28.63 1.71 -2.11	24.28 1.28 -0.06	22.16 1.25 0.00

JERICO_RISE_WT_PWR 323719	-1.57 -1.09 16.76	-1.58 -1.14 16.92	-0.92 -1.08 15.66	5.08 -1.03 9.71	5.27 -0.86 9.28	9.42 -0.84 7.63	10.37 -0.94 10.08	-1.19 -1.52 25.42	-2.17 -1.62 27.15	-2.16 -1.58 26.47	-2.08 -1.52 25.06	-2.00 -1.45 23.89	-1.92 -1.41 22.92	-1.08 -1.35 21.15	7.11 -1.18 13.51	7.49 -1.23 14.41	8.30 -1.11 15.19	14.69 -1.01 10.92	23.32 -0.73 0.99	22.82 -0.66 2.92	26.04 -0.59 0.00	24.54 -0.27 0.00	22.80 -0.14 0.00	20.68 -0.23 0.00
KATONAH__115KV_46KV_TB4 355592	21.66 1.38 -4.00	20.74 1.32 -2.95	20.09 1.30 -2.97	19.74 1.31 -2.60	20.14 1.23 -3.50	21.36 1.41 -2.06	28.21 1.69 -5.14	32.54 2.24 -4.55	30.14 2.39 -1.14	28.85 2.36 -0.61	27.47 2.23 -0.74	26.01 2.17 -0.51	25.22 2.13 -0.68	23.66 1.95 -0.28	24.17 2.03 -0.33	26.15 2.24 -0.78	27.58 2.26 -0.72	36.55 2.40 -7.53	39.85 2.30 -12.50	43.91 2.38 -15.14	64.86 2.34 -35.90	31.62 2.18 -4.62	25.03 1.97 -0.12	22.52 1.61 0.00
KCE_NY_1 323755	22.05 0.98 -4.80	21.01 1.02 -3.51	20.32 0.95 -3.55	19.84 0.92 -3.10	20.54 0.92 -4.21	21.45 1.11 -2.46	29.04 1.47 -6.18	32.39 1.83 -4.81	29.55 1.97 -0.97	27.53 1.89 0.24	25.89 1.71 0.33	24.73 1.61 0.21	24.01 1.57 -0.03	22.76 1.44 0.10	23.13 1.46 0.13	24.60 1.57 0.11	25.91 1.65 0.34	39.07 1.84 -10.61	48.29 1.73 -21.52	54.44 1.85 -26.20	82.71 1.89 -54.19	34.74 1.76 -8.17	24.74 1.58 -0.22	22.14 1.23 0.00
KCE_NY_6_ESR 323823	16.40 -0.57 -0.69	16.53 -0.44 -0.50	15.82 -0.51 -0.51	15.79 -0.47 -0.44	15.56 -0.45 -0.60	17.63 -0.61 -0.35	19.98 -0.47 0.93	19.52 -0.77 5.46	19.67 -0.88 6.06	19.65 -0.88 5.36	19.38 -0.83 4.29	19.88 -0.89 2.56	19.94 -0.76 1.71	20.77 -0.64 0.02	20.65 -0.72 0.44	21.33 -0.90 0.89	19.38 -0.84 4.38	19.95 -0.96 5.72	21.77 -0.80 2.46	23.25 -0.61 2.54	23.83 -0.64 2.16	23.66 -0.67 0.49	22.03 -0.92 -0.01	20.64 -0.27 0.00
KEDC_PORT_JEFF_GT2 24210	22.45 1.89 -4.28	21.07 1.76 -2.84	20.47 1.79 -2.86	20.09 1.77 -2.50	20.34 1.54 -3.40	21.82 1.95 -1.98	29.99 2.35 -6.26	33.08 2.88 -4.45	30.43 3.11 -0.71	29.29 3.00 -0.40	28.57 2.84 -1.23	26.55 2.78 -0.44	26.50 2.67 -1.42	28.66 2.48 -4.75	26.44 2.46 -2.17	28.80 2.70 -2.97	32.67 2.75 -5.32	37.97 3.01 -8.34	43.49 2.80 -15.64	44.96 2.98 -15.58	75.03 2.93 -45.47	37.29 2.60 -9.87	31.64 2.57 -6.14	25.14 2.07 -2.16
KEDC_PORT_JEFF_GT3 24211	22.45 1.89 -4.28	21.07 1.76 -2.84	20.47 1.79 -2.86	20.09 1.77 -2.50	20.34 1.54 -3.40	21.82 1.95 -1.98	29.99 2.35 -6.26	33.08 2.88 -4.45	30.43 3.11 -0.71	29.29 3.00 -0.40	28.57 2.84 -1.23	26.55 2.78 -0.44	26.50 2.67 -1.42	28.66 2.48 -4.75	26.44 2.46 -2.17	28.80 2.70 -2.97	32.67 2.75 -5.32	37.97 3.01 -8.34	43.49 2.80 -15.64	44.96 2.98 -15.58	75.03 2.93 -45.47	37.29 2.60 -9.87	31.64 2.57 -6.14	25.14 2.07 -2.16
KEDC_GLWD_GT4 24219	22.19 1.63 -4.28	20.86 1.55 -2.84	20.24 1.55 -2.86	19.87 1.55 -2.50	20.20 1.40 -3.40	21.55 1.68 -1.98	29.72 2.07 -6.26	32.82 2.63 -4.45	30.19 2.87 -0.71	29.08 2.80 -0.40	28.42 2.70 -1.23	26.41 2.64 -0.44	26.37 2.53 -1.42	28.53 2.36 -4.75	26.37 2.40 -2.17	28.71 2.61 -2.97	32.58 2.66 -5.32	37.82 2.85 -8.34	43.36 2.68 -15.64	44.70 2.72 -15.58	74.76 2.66 -45.47	37.22 2.53 -9.87	31.43 2.36 -6.14	25.03 1.96 -2.16
KEDC_GLWD_GT5 24220	22.19 1.63 -4.28	20.86 1.55 -2.84	20.24 1.55 -2.86	19.87 1.55 -2.50	20.20 1.40 -3.40	21.55 1.68 -1.98	29.72 2.07 -6.26	32.82 2.63 -4.45	30.19 2.87 -0.71	29.08 2.80 -0.40	28.42 2.70 -1.23	26.41 2.64 -0.44	26.37 2.53 -1.42	28.53 2.36 -4.75	26.37 2.40 -2.17	28.71 2.61 -2.97	32.58 2.66 -5.32	37.82 2.85 -8.34	43.36 2.68 -15.64	44.70 2.72 -15.58	74.76 2.66 -45.47	37.22 2.53 -9.87	31.43 2.36 -6.14	25.03 1.96 -2.16
KENSICO____ 23655	21.62 1.38 -3.96	20.70 1.30 -2.92	20.08 1.31 -2.94	19.71 1.31 -2.58	20.10 1.23 -3.47	21.34 1.41 -2.04	28.18 1.71 -5.08	32.49 2.24 -4.51	30.18 2.45 -1.13	28.90 2.41 -0.61	27.48 2.25 -0.73	26.05 2.22 -0.50	25.23 2.15 -0.67	23.70 1.99 -0.28	24.18 2.05 -0.33	26.14 2.24 -0.77	27.57 2.26 -0.71	36.47 2.40 -7.45	39.68 2.25 -12.39	43.77 2.38 -15.00	64.46 2.32 -35.52	31.50 2.11 -4.58	25.03 1.97 -0.12	22.54 1.63 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.52 1.42 -3.83	20.65 1.35 -2.83	20.02 1.34 -2.85	19.66 1.34 -2.49	20.02 1.26 -3.35	21.29 1.43 -1.98	27.99 1.69 -4.92	32.28 2.24 -4.30	30.07 2.42 -1.05	28.70 2.30 -0.51	27.42 2.33 -0.59	25.90 2.15 -0.42	25.03 2.04 -0.58	23.53 1.86 -0.24	24.00 1.92 -0.28	25.90 2.13 -0.65	27.41 2.24 -0.58	35.94 2.32 -6.99	39.24 2.25 -11.95	43.33 2.45 -14.48	62.57 2.42 -33.52	31.46 2.21 -4.44	25.00 1.95 -0.12	22.62 1.71 0.00
KIAC_JFK_GT1 23816	21.60 1.45 -3.87	20.61 1.30 -2.83	20.01 1.33 -2.86	19.65 1.33 -2.50	20.03 1.23 -3.40	21.30 1.43 -1.98	28.17 1.80 -4.99	32.56 2.37 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.37 2.33 -0.54	25.96 2.29 -0.34	25.16 2.22 -0.53	23.63 2.06 -0.15	24.10 2.09 -0.20	26.06 2.31 -0.62	27.39 2.29 -0.50	34.14 2.40 -5.12	35.50 2.20 -8.25	38.63 2.27 -9.96	53.43 2.18 -24.62	29.93 2.08 -3.03	25.13 2.11 -0.08	22.60 1.69 0.00
KIAC_JFK_GT2 23817	21.60 1.45 -3.87	20.61 1.30 -2.83	20.01 1.33 -2.86	19.65 1.33 -2.50	20.03 1.23 -3.40	21.30 1.43 -1.98	28.17 1.80 -4.99	32.56 2.37 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.37 2.33 -0.54	25.96 2.29 -0.34	25.16 2.22 -0.53	23.63 2.06 -0.15	24.10 2.09 -0.20	26.06 2.31 -0.62	27.39 2.29 -0.50	34.14 2.40 -5.12	35.50 2.20 -8.25	38.63 2.27 -9.96	53.43 2.18 -24.62	29.93 2.08 -3.03	25.13 2.11 -0.08	22.60 1.69 0.00
KIAC_JFK____ 323774	21.60 1.45 -3.87	20.61 1.30 -2.83	20.01 1.33 -2.86	19.65 1.33 -2.50	20.03 1.23 -3.40	21.30 1.43 -1.98	28.17 1.80 -4.99	32.56 2.37 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.37 2.33 -0.54	25.96 2.29 -0.34	25.16 2.22 -0.53	23.63 2.06 -0.15	24.10 2.09 -0.20	26.06 2.31 -0.62	27.39 2.29 -0.50	34.14 2.40 -5.12	35.50 2.20 -8.25	38.63 2.27 -9.96	53.43 2.18 -24.62	29.93 2.08 -3.03	25.13 2.11 -0.08	22.60 1.69 0.00
KINTIGH____ 23543	16.88 -0.31 -0.91	17.02 -0.21 -0.76	16.30 -0.27 -0.75	16.27 -0.22 -0.67	15.96 -0.23 -0.79	18.13 -0.29 -0.53	21.42 -0.58 -0.61	25.07 -0.44 0.24	25.06 -0.85 0.70	24.39 -0.88 0.62	23.38 -0.71 0.41	22.33 -0.93 0.07	21.80 -0.74 -0.12	21.05 -0.81 -0.44	21.24 -0.89 -0.32	22.37 -1.04 -0.28	23.17 -0.96 0.47	25.49 -1.12 0.02	25.11 -1.05 -1.12	27.01 -0.90 -1.51	29.71 -0.88 -3.96	24.35 -0.97 -0.51	21.83 -1.12 -0.02	20.39 -0.52 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-2.49 -0.85 17.92	-2.50 -0.87 18.10	-1.80 -0.87 16.75	4.56 -0.93 10.32	4.79 -0.75 9.86	9.08 -0.70 8.11	9.96 -0.73 10.70	-1.93 -1.31 26.36	-2.74 -1.12 28.22	-2.67 -1.04 27.52	-2.68 -1.13 26.05	-2.51 -1.00 24.84	-2.38 -0.96 23.83	-1.65 -1.09 21.99	6.84 -0.98 13.98	7.13 -1.09 14.91	7.97 -0.91 15.72	14.58 -0.75 11.30	23.62 -0.40 1.02	23.12 -0.26 3.01	26.46 -0.19 -0.02	25.16 0.35 0.00	23.35 0.41 0.00	21.14 0.23 0.00

LACHUTE___HYDRO 323717	22.65 1.56 -4.81	21.59 1.60 -3.52	20.88 1.50 -3.55	20.37 1.44 -3.10	21.10 1.48 -4.22	22.15 1.81 -2.46	30.23 2.65 -6.19	33.87 3.30 -4.83	31.08 3.48 -0.99	29.06 3.42 0.24	27.22 3.04 0.32	25.88 2.75 0.20	25.09 2.64 -0.04	23.75 2.42 0.10	24.14 2.46 0.13	25.76 2.73 0.10	27.17 2.90 0.33	40.60 3.25 -10.73	49.72 2.95 -21.72	56.06 3.22 -26.44	84.84 3.44 -54.77	36.18 3.13 -8.25	25.79 2.64 -0.22	22.94 2.03 0.00
LAWRNCV_115KV_TB1 80681	0.33 -0.67 15.28	0.34 -0.71 15.43	0.37 -0.71 14.74	0.56 -0.66 14.59	0.74 -0.74 13.93	5.55 -0.88 11.46	5.20 -1.07 15.11	0.98 -0.82 23.94	0.88 -0.90 24.82	0.89 -1.01 23.98	0.85 -0.91 22.74	0.81 -0.89 21.63	0.79 -0.90 20.73	0.76 -0.81 19.85	1.05 -0.98 19.78	1.09 -0.95 21.09	1.19 -1.18 22.23	9.39 -1.28 15.96	22.44 -1.20 1.40	20.89 -1.29 4.22	25.51 -1.25 -0.13	23.69 -1.14 -0.02	21.95 -0.99 0.00	19.99 -0.92 0.00
LEDERLE___ 23769	21.55 1.38 -3.89	20.67 1.32 -2.87	20.03 1.31 -2.90	19.67 1.31 -2.54	20.05 1.23 -3.41	21.33 1.43 -2.01	28.10 1.71 -5.00	32.41 2.24 -4.43	30.19 2.47 -1.11	28.88 2.41 -0.59	27.51 2.30 -0.70	26.04 2.22 -0.49	25.24 2.17 -0.65	23.69 1.99 -0.27	24.20 2.07 -0.32	26.14 2.27 -0.75	27.60 2.31 -0.69	36.30 2.40 -7.28	39.46 2.28 -12.14	43.50 2.40 -14.70	63.69 2.34 -34.72	31.49 2.18 -4.49	25.05 2.00 -0.12	22.58 1.67 0.00
LIGHTHSE_115KV_TB6 355974	19.13 -0.07 -2.92	19.25 -0.08 -2.86	18.42 -0.13 -2.73	18.22 -0.13 -2.52	17.77 -0.12 -2.49	19.74 -0.13 -1.98	24.04 -0.15 -2.81	29.92 -0.18 -4.35	30.57 -0.27 -4.23	29.61 -0.34 -4.06	28.09 -0.27 -3.85	26.72 -0.28 -3.67	25.65 -0.29 -3.53	24.50 -0.28 -3.35	24.62 -0.33 -3.14	26.13 -0.37 -3.37	27.74 -0.39 -3.53	29.20 -0.35 -2.92	25.76 -0.23 -0.95	27.92 -0.03 -1.55	28.60 0.03 -1.95	25.00 -0.07 -0.27	22.71 -0.23 -0.01	20.76 -0.15 0.00
LINDEN COGEN___ 23786	21.62 1.47 -3.87	20.68 1.37 -2.83	20.06 1.38 -2.86	19.72 1.39 -2.50	20.08 1.28 -3.40	21.35 1.48 -1.98	28.17 1.80 -4.99	32.54 2.34 -4.45	29.89 2.58 -0.71	28.87 2.59 -0.40	27.42 2.38 -0.54	26.01 2.33 -0.34	25.18 2.24 -0.53	23.65 2.08 -0.15	24.14 2.14 -0.20	26.08 2.33 -0.62	27.41 2.31 -0.50	34.24 2.50 -5.12	35.62 2.33 -8.25	38.74 2.38 -9.96	53.53 2.29 -24.62	29.95 2.11 -3.03	25.06 2.04 -0.08	22.64 1.73 0.00
LINDHRST_69_KV_BK1 356055	22.54 1.89 -4.37	21.18 1.78 -2.93	20.57 1.80 -2.95	20.19 1.79 -2.58	20.45 1.57 -3.47	21.90 1.97 -2.05	30.16 2.42 -6.36	33.25 2.99 -4.51	30.95 3.22 -1.13	29.60 3.11 -0.61	28.71 2.79 -1.41	26.78 2.85 -0.60	26.73 2.76 -1.56	28.88 2.57 -4.88	26.74 2.64 -2.30	29.10 2.84 -3.13	33.03 2.90 -5.53	40.42 3.12 -10.68	47.77 2.93 -19.80	50.18 3.14 -20.64	86.12 3.06 -56.43	39.04 2.80 -11.43	31.84 2.73 -6.18	25.33 2.26 -2.16
LIPA_MISC_IPP 23656	22.46 1.81 -4.37	21.08 1.68 -2.93	20.49 1.72 -2.95	20.11 1.71 -2.58	20.35 1.48 -3.47	21.81 1.88 -2.05	29.86 2.12 -6.36	32.89 2.63 -4.51	30.55 2.82 -1.13	29.21 2.72 -0.61	28.31 2.40 -1.41	26.43 2.50 -0.60	26.39 2.42 -1.56	28.55 2.25 -4.88	26.42 2.31 -2.30	28.71 2.45 -3.13	32.63 2.51 -5.53	40.02 2.72 -10.68	47.42 2.58 -19.80	49.78 2.75 -20.64	85.72 2.66 -56.43	38.60 2.36 -11.43	31.45 2.34 -6.18	24.97 1.90 -2.16
LISF___SOLAR 323691	22.38 1.82 -4.28	21.02 1.71 -2.84	20.44 1.76 -2.86	20.05 1.72 -2.50	20.28 1.48 -3.40	21.76 1.89 -1.98	29.76 2.12 -6.26	32.82 2.63 -4.45	30.16 2.85 -0.71	29.00 2.72 -0.40	28.30 2.57 -1.23	26.29 2.52 -0.44	26.26 2.42 -1.42	28.42 2.25 -4.75	26.20 2.23 -2.17	28.53 2.43 -2.97	32.40 2.48 -5.32	37.68 2.72 -8.34	43.21 2.93 -15.64	44.70 2.72 -15.58	74.73 2.64 -45.47	37.01 2.33 -9.87	31.41 2.34 -6.14	24.99 1.92 -2.16
LITTLE FALLS___HYD 24013	16.42 -0.03 -0.17	16.61 -0.03 -0.16	15.98 0.00 -0.16	16.00 0.03 -0.14	15.58 0.03 -0.15	18.05 0.05 -0.11	21.51 -0.04 -0.17	25.99 0.00 -0.25	26.89 0.08 -0.21	26.15 0.05 -0.21	24.90 0.20 -0.20	23.62 0.09 -0.19	22.67 0.07 -0.19	21.66 0.06 -0.17	22.01 0.04 -0.16	23.42 0.12 -0.18	24.91 0.12 -0.18	26.83 0.19 -0.02	25.03 0.20 0.21	26.40 0.24 0.23	26.26 0.21 0.58	24.97 0.25 0.08	23.09 0.16 0.00	21.14 0.23 0.00
LITTLRIV_115KV_TB1 356100	-0.07 -0.54 15.81	-0.06 -0.58 15.96	-0.02 -0.59 15.26	0.14 -0.54 15.14	0.36 -0.60 14.45	5.28 -0.72 11.89	4.81 -0.90 15.68	0.38 -0.59 24.78	0.25 -0.67 25.69	0.29 -0.78 24.81	0.33 -0.64 23.53	0.23 -0.72 22.38	0.25 -0.72 21.45	0.21 -0.66 20.55	0.46 -0.83 20.52	0.44 -0.81 21.88	0.53 -1.01 23.06	8.98 -1.09 16.56	22.59 -1.00 1.45	20.97 -1.06 4.37	25.76 -1.01 -0.15	23.89 -0.94 -0.02	22.11 -0.83 0.00	20.14 -0.77 0.00
LI_NEWBRDGE___DRP 323616	22.33 1.68 -4.37	20.97 1.57 -2.93	20.37 1.60 -2.95	19.98 1.58 -2.58	20.26 1.39 -3.47	21.65 1.72 -2.05	29.84 2.10 -6.36	32.89 2.63 -4.51	30.58 2.85 -1.13	29.26 2.77 -0.61	28.46 2.55 -1.41	26.50 2.57 -0.60	26.46 2.49 -1.56	28.62 2.31 -4.88	26.48 2.38 -2.30	28.82 2.57 -3.13	32.73 2.61 -5.53	40.08 2.77 -10.68	47.44 2.60 -19.80	49.81 2.77 -20.64	85.75 2.69 -56.43	38.69 2.46 -11.43	31.50 2.39 -6.18	25.06 1.99 -2.16
LOCKPORT_115KV_TB60_63_64 80432	16.61 -0.63 -0.96	16.75 -0.53 -0.80	16.04 -0.57 -0.79	16.01 -0.52 -0.71	15.72 -0.52 -0.84	17.76 -0.68 -0.56	21.29 -0.64 -0.55	24.47 -0.70 0.58	24.57 -0.98 1.05	23.95 -1.01 0.92	23.02 -0.83 0.64	22.08 -1.05 0.20	21.53 -0.90 -0.02	20.75 -1.11 -0.44	20.88 -1.22 -0.30	22.15 -1.20 -0.23	22.80 -1.08 0.71	25.01 -1.28 0.34	24.88 -1.15 -0.99	26.80 -0.98 -1.38	29.53 -0.96 -3.87	24.02 -1.27 -0.48	21.49 -1.47 -0.02	20.16 -0.75 0.00
LOCKPORT___CC1 323769	16.29 -0.62 -0.63	16.42 -0.51 -0.46	15.73 -0.55 -0.46	15.70 -0.52 -0.40	15.44 -0.51 -0.55	17.54 -0.66 -0.32	20.11 -0.69 0.59	20.95 -0.75 4.04	20.89 -1.12 4.60	20.69 -1.11 4.08	20.16 -1.08 3.27	20.17 -1.21 1.95	20.17 -0.94 1.30	20.30 -1.12 0.01	20.29 -1.18 0.34	21.06 -1.39 0.68	20.13 -1.13 3.34	21.15 -1.22 4.25	22.17 -1.20 1.67	23.71 -1.00 1.68	24.47 -1.04 1.12	23.27 -1.24 0.30	21.55 -1.40 -0.01	20.24 -0.67 0.00
LOCKPORT___CC2 323770	16.29 -0.62 -0.63	16.42 -0.51 -0.46	15.73 -0.55 -0.46	15.70 -0.52 -0.40	15.44 -0.51 -0.55	17.54 -0.66 -0.32	20.11 -0.69 0.59	20.95 -0.75 4.04	20.89 -1.12 4.60	20.69 -1.11 4.08	20.16 -1.08 3.27	20.17 -1.21 1.95	20.17 -0.94 1.30	20.30 -1.12 0.01	20.29 -1.18 0.34	21.06 -1.39 0.68	20.13 -1.13 3.34	21.15 -1.22 4.25	22.17 -1.20 1.67	23.71 -1.00 1.68	24.47 -1.04 1.12	23.27 -1.24 0.30	21.55 -1.40 -0.01	20.24 -0.67 0.00
LOCKPORT___CC3 323771	16.29 -0.62 -0.63	16.42 -0.51 -0.46	15.73 -0.55 -0.46	15.70 -0.52 -0.40	15.44 -0.51 -0.55	17.54 -0.66 -0.32	20.11 -0.69 0.59	20.95 -0.75 4.04	20.89 -1.12 4.60	20.69 -1.11 4.08	20.16 -1.08 3.27	20.17 -1.21 1.95	20.17 -0.94 1.30	20.30 -1.12 0.01	20.29 -1.18 0.34	21.06 -1.39 0.68	20.13 -1.13 3.34	21.15 -1.22 4.25	22.17 -1.20 1.67	23.71 -1.00 1.68	24.47 -1.04 1.12	23.27 -1.24 0.30	21.55 -1.40 -0.01	20.24 -0.67 0.00

LONG_LAKE_PHOENIX 24014	17.05 -0.10 -0.86	17.15 -0.10 -0.78	16.46 -0.11 -0.75	16.40 -0.11 -0.69	16.04 -0.11 -0.74	18.34 -0.09 -0.54	22.22 -0.09 -0.92	26.77 -0.13 -1.15	27.29 -0.19 -0.87	26.49 -0.21 -0.81	25.13 -0.15 -0.77	23.88 -0.19 -0.74	22.91 -0.22 -0.72	21.88 -0.21 -0.67	22.20 -0.24 -0.63	23.54 -0.28 -0.69	25.04 -0.27 -0.71	27.28 -0.29 -0.95	25.66 -0.25 -0.87	27.35 -0.18 -1.14	28.70 -0.19 -2.26	24.90 -0.22 -0.31	22.65 -0.30 -0.01	20.74 -0.17 0.00
LOVETT___3 23632	21.50 1.32 -3.90	20.61 1.25 -2.88	19.97 1.25 -2.90	19.61 1.25 -2.54	19.99 1.17 -3.42	21.26 1.36 -2.01	28.02 1.63 -5.01	32.32 2.14 -4.44	30.05 2.34 -1.11	28.75 2.28 -0.59	27.36 2.16 -0.70	25.92 2.10 -0.49	25.13 2.06 -0.65	23.58 1.89 -0.27	24.09 1.96 -0.32	26.03 2.15 -0.75	27.45 2.16 -0.69	36.18 2.26 -7.30	39.34 2.13 -12.17	43.40 2.27 -14.73	63.62 2.21 -34.79	31.35 2.03 -4.50	24.94 1.88 -0.12	22.48 1.57 0.00
LOVETT___4 23642	21.50 1.32 -3.90	20.61 1.25 -2.88	19.97 1.25 -2.90	19.61 1.25 -2.54	19.99 1.17 -3.42	21.26 1.36 -2.01	28.02 1.63 -5.01	32.32 2.14 -4.44	30.05 2.34 -1.11	28.75 2.28 -0.59	27.36 2.16 -0.70	25.92 2.10 -0.49	25.13 2.06 -0.65	23.58 1.89 -0.27	24.09 1.96 -0.32	26.03 2.15 -0.75	27.45 2.16 -0.69	36.18 2.26 -7.30	39.34 2.13 -12.17	43.40 2.27 -14.73	63.62 2.21 -34.79	31.35 2.03 -4.50	24.94 1.88 -0.12	22.48 1.57 0.00
LOVETT___5 23593	21.50 1.32 -3.90	20.61 1.25 -2.88	19.97 1.25 -2.90	19.61 1.25 -2.54	19.99 1.17 -3.42	21.26 1.36 -2.01	28.02 1.63 -5.01	32.32 2.14 -4.44	30.05 2.34 -1.11	28.75 2.28 -0.59	27.36 2.16 -0.70	25.92 2.10 -0.49	25.13 2.06 -0.65	23.58 1.89 -0.27	24.09 1.96 -0.32	26.03 2.15 -0.75	27.45 2.16 -0.69	36.18 2.26 -7.30	39.34 2.13 -12.17	43.40 2.27 -14.73	63.62 2.21 -34.79	31.35 2.03 -4.50	24.94 1.88 -0.12	22.48 1.57 0.00
LOWER_RAQUET___HYD 24057	0.10 -0.75 15.43	0.10 -0.81 15.57	0.10 -0.82 14.90	0.10 -0.74 14.98	0.25 -0.85 14.31	5.12 -1.00 11.76	4.63 -1.22 15.54	0.10 -0.93 24.72	0.10 -0.98 25.52	0.10 -1.14 24.65	0.10 -1.03 23.37	0.10 -1.00 22.23	0.10 -1.01 21.30	0.10 -0.90 20.43	0.10 -1.11 20.59	0.10 -1.06 21.96	0.10 -1.35 23.15	8.51 -1.46 16.65	22.15 -1.38 1.51	20.49 -1.45 4.45	25.24 -1.39 0.00	23.52 -1.29 0.00	21.79 -1.15 0.00	19.84 -1.07 0.00
LOWER___HUDSON 24059	21.76 0.78 -4.70	20.74 0.82 -3.44	20.06 0.76 -3.48	19.62 0.76 -3.04	20.30 0.77 -4.12	21.19 0.89 -2.41	28.53 1.09 -6.05	31.81 1.39 -4.67	28.93 1.52 -0.81	27.03 1.45 0.31	25.43 1.35 0.42	24.37 1.31 0.26	23.64 1.25 0.03	22.46 1.16 0.13	22.81 1.18 0.17	24.21 1.27 0.19	25.50 1.33 0.43	37.27 1.44 -9.20	45.49 1.35 -19.10	51.10 1.45 -23.26	75.39 1.44 -47.33	33.42 1.34 -7.27	24.39 1.26 -0.20	21.87 0.96 0.00
LOWVILLE_115KV_TB2 356335	24.02 0.05 -7.69	24.08 -0.12 -7.72	22.90 -0.27 -7.34	22.39 -0.25 -6.82	21.71 -0.25 -6.55	22.99 -0.25 -5.36	28.26 -0.30 -7.17	37.35 -0.23 -11.84	38.49 -0.27 -12.16	37.22 -0.41 -11.75	35.28 -0.37 -11.14	33.49 -0.44 -10.60	32.13 -0.45 -10.17	30.73 -0.36 -9.67	30.48 -0.41 -9.09	32.44 -0.39 -9.70	34.42 -0.39 -10.21	33.85 -0.24 -7.46	26.05 0.13 -0.88	28.91 0.29 -2.22	27.57 0.35 -0.59	25.06 0.17 -0.08	22.80 -0.14 0.00	20.80 -0.10 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.12 0.98 -4.87	21.06 1.01 -3.58	20.37 0.93 -3.61	19.90 0.92 -3.16	20.59 0.92 -4.27	21.50 1.11 -2.51	29.10 1.45 -6.26	32.48 1.83 -4.90	30.02 1.94 -1.47	27.65 1.86 0.09	25.97 1.67 0.20	24.83 1.59 0.09	24.09 1.55 -0.13	22.86 1.44 0.00	23.23 1.46 0.04	24.70 1.57 0.00	26.04 1.65 0.20	42.57 1.81 -14.14	54.86 1.70 -28.11	62.43 1.82 -34.21	99.88 1.86 -71.39	37.20 1.74 -10.65	24.78 1.56 -0.29	22.14 1.23 0.00
LUTHERNY_35_KV_BK2 355980	22.12 0.98 -4.87	21.08 1.02 -3.58	20.38 0.95 -3.61	19.90 0.92 -3.16	20.59 0.92 -4.27	21.50 1.11 -2.51	29.12 1.48 -6.26	32.50 1.85 -4.90	30.04 1.97 -1.47	27.68 1.89 0.09	26.00 1.69 0.20	24.85 1.61 0.09	24.12 1.57 -0.13	22.86 1.44 0.00	23.25 1.48 0.04	24.70 1.57 0.00	26.07 1.67 0.20	42.57 1.81 -14.14	54.88 1.73 -28.11	62.46 1.85 -34.21	99.91 1.89 -71.39	37.22 1.76 -10.65	24.80 1.58 -0.29	22.14 1.23 0.00
LWR___OSWEGATCHIE_HYD 23850	-9.42 -0.50 25.19	-9.56 -0.59 25.44	-9.10 -0.65 24.27	-8.37 -0.60 23.59	-7.76 -0.66 22.51	-1.40 -0.77 18.52	-3.95 -0.92 24.41	-14.33 -0.72 39.36	-15.06 -0.77 40.89	-14.57 -0.93 39.52	-13.81 -0.83 37.48	-13.16 -0.84 35.65	-12.60 -0.85 34.17	-12.01 -0.77 32.67	-11.10 -0.92 31.99	-11.86 -0.88 34.11	-12.43 -1.08 35.95	-0.33 -1.08 25.78	21.75 -1.08 2.21	18.57 -1.08 6.75	25.99 -1.01 -0.37	23.87 -0.99 -0.05	21.97 -0.96 0.00	19.97 -0.94 0.00
LYONS_FALL_HYD 23570	21.80 0.15 -5.37	21.90 0.05 -5.38	20.87 -0.06 -5.12	20.51 -0.05 -4.73	19.92 -0.05 -4.56	21.58 -0.02 -3.72	26.35 -0.04 -5.01	33.71 0.03 -7.94	34.85 0.05 -8.19	33.76 -0.05 -7.92	31.94 -0.07 -7.51	30.36 -0.12 -7.15	29.14 -0.13 -6.86	27.86 -0.09 -6.52	27.80 -0.11 -6.10	29.57 -0.07 -6.51	31.38 -0.07 -6.86	31.66 0.11 -4.93	25.81 0.32 -0.45	28.19 0.48 -1.32	27.16 0.53 0.00	25.16 0.35 0.00	23.03 0.09 0.00	21.01 0.11 0.00
MADISON___COUNTY_LFGE 323628	18.23 0.44 -1.51	18.37 0.44 -1.45	17.58 0.36 -1.39	17.48 0.38 -1.28	17.06 0.37 -1.29	19.38 0.48 -1.01	23.42 0.53 -1.50	28.65 0.67 -2.23	29.47 0.80 -2.06	28.61 0.75 -1.98	27.16 0.78 -1.87	25.69 0.58 -1.78	24.66 0.54 -1.71	23.57 0.54 -1.61	23.84 0.52 -1.51	25.31 0.56 -1.63	26.98 0.66 -1.72	28.95 0.85 -1.47	26.51 0.93 -0.54	28.35 1.11 -0.84	28.94 1.14 -1.17	25.91 0.94 -0.16	23.58 0.64 0.00	21.60 0.69 0.00
MALONE___115KV_TB1 356076	5.97 -0.90 9.41	6.03 -0.94 9.50	5.62 -0.90 9.30	3.19 -0.87 11.76	3.42 -0.75 11.22	7.90 -0.75 9.23	8.35 -0.86 12.18	9.12 -1.18 15.44	9.69 -1.28 15.64	9.61 -1.27 15.01	8.98 -1.27 14.25	8.61 -1.19 13.53	8.29 -1.17 12.95	7.56 -1.11 12.75	4.87 -1.00 15.93	5.07 -1.06 16.99	5.68 -1.01 17.91	12.85 -0.91 12.87	23.24 -0.65 1.15	22.34 -0.63 3.42	26.13 -0.56 -0.06	24.49 -0.32 -0.01	22.73 -0.21 0.00	20.62 -0.29 0.00
MAPLEWOD_115KV_TB3 80458	21.83 0.85 -4.70	20.81 0.87 -3.46	20.14 0.82 -3.49	19.70 0.82 -3.06	20.34 0.82 -4.13	21.27 0.97 -2.42	28.61 1.18 -6.05	31.94 1.47 -4.73	29.32 1.60 -1.12	27.33 1.55 0.11	25.71 1.42 0.22	24.61 1.38 0.10	23.89 1.37 -0.11	22.68 1.26 0.01	23.07 1.31 0.05	24.49 1.39 0.03	25.83 1.45 0.22	38.81 1.57 -10.61	47.94 1.50 -21.39	54.03 1.58 -26.05	81.89 1.60 -53.66	34.42 1.49 -8.12	24.51 1.35 -0.22	22.00 1.09 0.00
MAPLE_RIDGE_WT_1 323574	11.58 -0.54 4.16	11.58 -0.69 4.20	11.03 -0.79 4.00	11.17 -0.85 3.80	10.92 -0.85 3.63	13.90 -1.00 2.98	16.24 -1.20 3.94	17.20 -1.39 7.16	17.83 -1.38 7.39	17.42 -1.32 7.15	16.55 -1.18 6.78	15.83 -1.05 6.45	15.29 -0.94 6.18	14.65 -0.88 5.90	15.28 -0.87 5.65	16.20 -0.90 6.03	17.38 -0.86 6.35	21.26 -0.80 4.57	23.97 -0.65 0.41	24.52 -0.66 1.22	25.93 -0.69 0.00	24.07 -0.74 0.00	22.20 -0.73 0.00	20.18 -0.73 0.00

MAPLE_RIDGE_WT_2 323611	11.58 -0.54 4.16	11.58 -0.69 4.20	11.03 -0.79 4.00	11.17 -0.85 3.80	10.92 -0.85 3.63	13.90 -1.00 2.98	16.24 -1.20 3.94	17.20 -1.39 7.16	17.83 -1.38 7.39	17.42 -1.32 7.15	16.55 -1.18 6.78	15.83 -1.05 6.45	15.29 -0.94 6.18	14.65 -0.88 5.90	15.28 -0.87 5.65	16.20 -0.90 6.03	17.38 -0.86 6.35	21.26 -0.80 4.57	23.97 -0.65 0.41	24.52 -0.66 1.22	25.93 -0.69 0.00	24.07 -0.74 0.00	22.20 -0.73 0.00	20.18 -0.73 0.00
MARBLE_RIVER_WT_PWR 323696	-0.54 -1.11 15.72	-0.53 -1.14 15.87	0.04 -1.09 14.69	5.63 -1.04 9.15	5.81 -0.86 8.73	9.88 -0.82 7.18	11.00 -0.90 9.49	0.33 -1.54 23.87	-0.53 -1.65 25.49	-0.59 -1.63 24.85	-0.61 -1.59 23.52	-0.61 -1.52 22.43	-0.54 -1.43 21.52	0.19 -1.37 19.86	7.88 -1.20 12.73	8.33 -1.23 13.57	9.19 -1.11 14.30	15.32 -1.01 10.29	23.41 -0.70 0.93	22.99 -0.66 2.75	26.04 -0.59 0.00	24.56 -0.25 0.00	22.80 -0.14 0.00	20.68 -0.23 0.00
MARSHVLE_115KV_TB1 80742	23.17 1.11 -5.79	21.87 1.14 -4.26	21.18 1.06 -4.30	20.62 1.04 -3.76	21.54 1.06 -5.07	22.15 1.29 -2.98	30.50 1.67 -7.44	33.75 2.03 -5.97	30.24 2.13 -1.51	27.89 1.94 -0.06	26.16 1.67 0.01	25.03 1.66 -0.04	24.26 1.55 -0.30	22.95 1.46 -0.06	23.35 1.50 -0.04	24.92 1.60 -0.20	26.23 1.65 0.01	42.16 1.97 -13.56	53.52 2.00 -26.48	60.84 2.24 -32.20	96.93 2.32 -67.99	37.00 2.18 -10.01	25.02 1.81 -0.27	22.39 1.48 0.00
MARSH_HILL_WT_PWR 323713	17.06 -0.06 -0.85	17.11 0.02 -0.62	16.41 -0.03 -0.63	16.35 -0.02 -0.55	16.15 0.00 -0.74	18.35 0.04 -0.43	28.54 0.30 -6.86	44.41 0.10 -18.56	44.21 0.05 -17.55	40.78 -0.05 -14.95	36.41 -0.07 -11.98	30.37 -0.12 -7.15	27.23 -0.09 -4.91	21.49 0.02 -0.04	23.01 -0.02 -1.23	25.63 -0.12 -2.62	36.86 0.02 -12.23	45.67 0.05 -18.99	38.20 0.22 -12.93	41.34 0.53 -14.42	48.73 0.48 -21.62	28.79 0.37 -3.61	22.98 0.02 -0.02	21.26 0.36 0.00
MCINTYRE_115KV_TB2 80467	0.91 -0.36 15.01	0.94 -0.38 15.16	0.94 -0.40 14.48	1.13 -0.38 14.31	1.34 -0.40 13.66	6.18 -0.46 11.24	5.99 -0.58 14.82	1.90 -0.33 23.51	1.80 -0.43 24.38	1.86 -0.47 23.56	1.72 -0.44 22.34	1.59 -0.49 21.25	1.56 -0.49 20.36	1.46 -0.47 19.50	1.82 -0.59 19.40	1.84 -0.60 20.69	2.11 -0.69 21.80	10.25 -0.72 15.65	23.01 -0.65 1.38	21.57 -0.69 4.14	26.11 -0.64 -0.13	24.21 -0.62 -0.02	22.41 -0.53 0.00	20.41 -0.50 0.00
MECO____69_KV_BK1 80468	23.40 1.61 -5.50	22.16 1.63 -4.05	21.46 1.55 -4.09	20.92 1.52 -3.58	21.79 1.56 -4.83	22.61 1.90 -2.83	30.65 2.18 -7.08	34.00 2.60 -5.66	30.92 2.74 -1.57	28.25 2.33 -0.03	26.84 2.38 0.04	25.21 1.87 -0.01	24.45 1.77 -0.26	23.15 1.67 -0.05	23.58 1.74 -0.02	25.21 1.92 -0.16	26.57 2.02 0.05	43.48 2.45 -14.41	55.71 2.48 -28.19	63.43 2.75 -34.29	101.86 2.88 -72.36	38.12 2.65 -10.66	25.40 2.18 -0.29	23.13 2.22 0.00
MENANDS__115KV_TB5 355628	21.62 0.63 -4.70	20.61 0.68 -3.46	19.96 0.65 -3.49	19.54 0.66 -3.05	20.17 0.65 -4.12	21.06 0.75 -2.42	28.29 0.86 -6.05	31.61 1.11 -4.75	28.95 1.22 -1.12	27.03 1.22 0.07	25.44 1.10 0.16	24.36 1.10 0.07	23.68 1.12 -0.15	22.48 1.05 -0.01	22.85 1.07 0.03	24.26 1.11 -0.02	25.56 1.13 0.17	38.29 1.17 -10.49	47.14 1.10 -21.00	53.12 1.16 -25.56	80.71 1.14 -52.94	33.84 1.07 -7.96	24.16 1.01 -0.21	21.68 0.77 0.00
MG INDUSTRY__DRP 24185	21.52 0.68 -4.56	20.56 0.72 -3.36	19.89 0.68 -3.39	19.48 0.70 -2.96	20.09 0.69 -4.00	21.04 0.80 -2.35	28.21 0.96 -5.86	31.67 1.21 -4.71	28.78 1.28 -0.90	27.20 1.24 -0.07	25.65 1.13 -0.02	24.45 1.07 -0.05	23.74 1.08 -0.26	22.49 1.01 -0.06	22.88 1.02 -0.05	24.37 1.06 -0.18	25.70 1.08 -0.01	35.43 1.14 -7.66	41.10 1.10 -14.95	45.75 1.16 -18.20	66.00 1.14 -38.23	31.53 1.07 -5.65	24.10 1.01 -0.15	21.72 0.82 0.00
MID____OSWEGATCHIE_HYD 23849	-9.42 -0.50 25.19	-9.56 -0.59 25.44	-9.10 -0.65 24.27	-8.37 -0.60 23.59	-7.76 -0.66 22.51	-1.40 -0.77 18.52	-3.95 -0.92 24.41	-14.33 -0.72 39.36	-15.06 -0.77 40.89	-14.57 -0.93 39.52	-13.81 -0.83 37.48	-13.16 -0.84 35.65	-12.60 -0.85 34.17	-12.01 -0.77 32.67	-11.10 -0.92 31.99	-11.86 -0.88 34.11	-12.43 -1.08 35.95	-0.33 -1.17 25.78	21.75 -1.08 2.21	18.57 -1.08 6.75	25.99 -1.01 -0.37	23.87 -0.99 -0.05	21.97 -0.96 0.00	19.97 -0.94 0.00
MID____RAQUETTE_HYD 23851	-0.77 -0.75 16.30	-0.80 -0.81 16.46	-0.74 -0.82 15.74	-0.58 -0.74 15.65	-0.38 -0.85 14.94	4.59 -1.00 12.29	3.96 -1.22 16.21	-0.74 -0.93 25.56	-0.88 -0.98 26.50	-0.85 -1.14 25.60	-0.78 -1.00 24.28	-0.76 -1.00 23.09	-0.72 -1.01 22.13	-0.68 -0.90 21.20	-0.52 -1.11 21.22	-0.56 -1.06 22.62	-0.60 -1.35 23.84	8.04 -1.46 17.12	22.19 -1.35 1.50	20.43 -1.45 4.51	25.38 -1.41 -0.16	23.54 -1.29 -0.02	21.81 -1.12 0.00	19.84 -1.07 0.00
MILLIKEN____1 23584	18.08 0.55 -1.25	18.08 0.58 -1.03	17.36 0.52 -1.01	17.25 0.52 -0.91	17.00 0.51 -1.08	19.28 0.68 -0.72	23.88 0.86 -1.64	28.83 1.00 -2.08	28.93 0.96 -1.36	27.95 0.93 -1.13	26.35 0.83 -1.02	24.85 0.70 -0.82	23.74 0.56 -0.77	22.54 0.58 -0.53	22.89 0.55 -0.54	24.40 0.60 -0.67	26.29 0.71 -0.97	29.87 0.83 -2.42	29.02 0.90 -3.07	31.23 1.08 -3.75	35.48 1.09 -7.77	26.85 0.94 -1.10	23.61 0.64 -0.03	21.66 0.75 0.00
MILLIKEN____2 23585	18.08 0.55 -1.25	18.08 0.58 -1.03	17.36 0.52 -1.01	17.25 0.52 -0.91	17.00 0.51 -1.08	19.28 0.68 -0.72	23.88 0.86 -1.64	28.83 1.00 -2.08	28.93 0.96 -1.36	27.95 0.93 -1.13	26.35 0.83 -1.02	24.85 0.70 -0.82	23.74 0.56 -0.77	22.54 0.58 -0.53	22.89 0.55 -0.54	24.40 0.60 -0.67	26.29 0.71 -0.97	29.87 0.83 -2.42	29.02 0.90 -3.07	31.23 1.08 -3.75	35.48 1.09 -7.77	26.85 0.94 -1.10	23.61 0.64 -0.03	21.66 0.75 0.00
MILLIKEN____DIESEL 23629	18.08 0.55 -1.25	18.08 0.58 -1.03	17.36 0.52 -1.01	17.25 0.52 -0.91	17.00 0.51 -1.08	19.28 0.68 -0.72	23.88 0.86 -1.64	28.83 1.00 -2.08	28.93 0.96 -1.36	27.95 0.93 -1.13	26.35 0.83 -1.02	24.85 0.70 -0.82	23.74 0.56 -0.77	22.54 0.58 -0.53	22.89 0.55 -0.54	24.40 0.60 -0.67	26.29 0.71 -0.97	29.87 0.83 -2.42	29.02 0.90 -3.07	31.23 1.08 -3.75	35.48 1.09 -7.77	26.85 0.94 -1.10	23.61 0.64 -0.03	21.66 0.75 0.00
MILLSEAT____LFGE 323607	16.82 -0.05 -0.59	16.95 0.05 -0.43	16.24 -0.02 -0.43	16.25 0.05 -0.38	15.92 0.00 -0.51	18.24 0.05 -0.30	21.35 0.13 0.17	23.47 0.33 2.61	23.56 0.11 3.15	23.03 -0.03 2.82	22.15 -0.10 2.26	21.61 -0.37 1.35	21.36 -0.16 0.89	21.07 -0.34 0.01	21.20 -0.37 0.23	22.09 -0.58 0.46	22.00 -0.29 2.31	23.55 -0.29 2.79	24.00 -0.20 0.84	25.69 0.08 0.78	26.77 0.11 -0.04	24.47 -0.25 0.09	22.42 -0.53 -0.01	20.97 0.06 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.59 1.35 -3.96	20.68 1.29 -2.92	20.03 1.27 -2.95	19.68 1.28 -2.58	20.07 1.20 -3.47	21.31 1.38 -2.04	28.14 1.67 -5.09	32.44 2.19 -4.51	30.13 2.39 -1.13	28.82 2.33 -0.61	27.41 2.18 -0.73	25.98 2.15 -0.50	25.17 2.08 -0.67	23.63 1.93 -0.28	24.12 1.98 -0.33	26.07 2.17 -0.77	27.50 2.19 -0.71	36.39 2.32 -7.45	39.63 2.20 -12.39	43.69 2.30 -15.00	64.39 2.24 -35.53	31.45 2.06 -4.58	24.99 1.93 -0.12	22.50 1.59 0.00

MILLWOOD_13_KV_LOAD 356217	21.62 1.38 -3.96	20.70 1.30 -2.92	20.06 1.30 -2.95	19.70 1.30 -2.58	20.09 1.22 -3.47	21.34 1.41 -2.04	28.16 1.69 -5.09	32.47 2.21 -4.51	30.15 2.42 -1.13	28.85 2.36 -0.61	27.46 2.23 -0.73	26.01 2.17 -0.50	25.21 2.13 -0.67	23.65 1.95 -0.28	24.16 2.03 -0.33	26.12 2.22 -0.77	27.55 2.24 -0.71	36.44 2.37 -7.45	39.68 2.25 -12.39	43.74 2.35 -15.00	64.47 2.32 -35.53	31.53 2.13 -4.58	25.01 1.95 -0.12	22.52 1.61 0.00
MODEL_CITY_ENERGY 24167	16.13 -0.78 -0.63	16.26 -0.68 -0.46	15.58 -0.71 -0.47	15.57 -0.66 -0.41	15.31 -0.65 -0.55	17.37 -0.84 -0.32	20.04 -0.79 0.55	20.98 -0.88 3.90	20.91 -1.25 4.44	20.70 -1.24 3.94	20.15 -1.20 3.15	20.10 -1.35 1.88	20.10 -1.05 1.26	20.07 -1.35 0.01	20.04 -1.44 0.33	20.83 -1.64 0.66	20.13 -1.25 3.22	21.19 -1.36 4.08	22.11 -1.38 1.55	23.66 -1.19 1.55	24.48 -1.22 0.92	23.01 -1.54 0.27	21.30 -1.65 -0.01	19.99 -0.92 0.00
MODERN_LFGE_ 323580	16.13 -0.78 -0.63	16.26 -0.68 -0.46	15.58 -0.71 -0.47	15.57 -0.66 -0.41	15.31 -0.65 -0.55	17.37 -0.84 -0.32	20.04 -0.79 0.55	20.98 -0.88 3.90	20.91 -1.25 4.44	20.70 -1.24 3.94	20.15 -1.20 3.15	20.10 -1.35 1.88	20.10 -1.05 1.26	20.07 -1.35 0.01	20.04 -1.44 0.33	20.83 -1.64 0.66	20.13 -1.25 3.22	21.19 -1.36 4.08	22.11 -1.38 1.55	23.66 -1.19 1.55	24.48 -1.22 0.92	23.01 -1.54 0.27	21.30 -1.65 -0.01	19.99 -0.92 0.00
MOHAWK_PAPER___DRP 24187	21.83 0.85 -4.70	20.81 0.87 -3.46	20.14 0.82 -3.49	19.70 0.82 -3.06	20.34 0.82 -4.13	21.27 0.97 -2.42	28.61 1.18 -6.05	31.94 1.47 -4.73	29.32 1.60 -1.12	27.33 1.55 0.11	25.71 1.42 0.22	24.61 1.38 0.10	23.89 1.37 -0.11	22.68 1.26 0.01	23.07 1.31 0.05	24.49 1.39 0.03	25.83 1.45 0.22	38.81 1.57 -10.61	47.94 1.50 -21.39	54.03 1.58 -26.05	81.89 1.60 -53.66	34.42 1.49 -8.12	24.51 1.35 -0.22	22.00 1.09 0.00
MOHICAN__35_KV_115KV_LD 80490	22.16 1.01 -4.87	21.10 1.04 -3.59	20.42 0.98 -3.62	19.90 0.92 -3.16	20.61 0.94 -4.27	21.54 1.14 -2.51	29.25 1.60 -6.26	32.69 2.03 -4.91	30.25 2.15 -1.49	27.87 2.07 0.09	26.12 1.81 0.19	24.97 1.73 0.09	24.21 1.66 -0.14	22.94 1.52 0.00	23.32 1.55 0.04	24.80 1.67 0.00	26.20 1.80 0.20	42.88 1.97 -14.28	55.27 1.85 -28.38	62.96 2.03 -34.53	100.85 2.10 -72.12	37.50 1.94 -10.75	24.90 1.67 -0.29	22.18 1.28 0.00
MONGAUP___HYD 23641	21.17 1.20 -3.69	20.33 1.15 -2.70	19.70 1.15 -2.73	19.36 1.15 -2.38	19.72 1.08 -3.24	21.01 1.23 -1.89	27.49 1.35 -4.75	31.64 1.70 -4.19	29.09 1.83 -0.65	28.09 1.86 -0.35	26.74 1.77 -0.47	25.40 1.77 -0.30	24.55 1.66 -0.48	23.08 1.52 -0.13	23.55 1.57 -0.17	25.43 1.76 -0.55	26.73 1.70 -0.44	32.89 1.46 -4.80	34.34 1.45 -7.85	37.46 1.58 -9.48	51.36 1.57 -23.16	29.14 1.44 -2.89	24.62 1.60 -0.08	22.31 1.40 0.00
MONTAUK___DIESEL 23721	22.91 2.26 -4.37	21.54 2.14 -2.93	20.97 2.20 -2.95	20.57 2.17 -2.58	20.77 1.89 -3.47	22.33 2.40 -2.05	30.59 2.84 -6.36	33.76 3.50 -4.51	31.49 3.75 -1.13	30.17 3.68 -0.61	29.05 3.14 -1.41	27.22 3.29 -0.60	27.15 3.18 -1.56	29.24 2.94 -4.88	27.11 3.01 -2.30	29.47 3.21 -3.13	33.49 3.37 -5.53	40.98 3.67 -10.68	48.35 3.51 -19.80	50.76 3.72 -20.64	86.73 3.67 -56.43	39.46 3.23 -11.43	32.21 3.10 -6.18	25.58 2.51 -2.16
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.62 -0.72 -1.06	16.77 -0.58 -0.87	16.03 -0.65 -0.85	15.89 -0.70 -0.76	15.58 -0.74 -0.92	17.42 -1.07 -0.60	21.26 -0.75 -0.63	24.09 -1.03 0.63	24.41 -0.98 1.20	23.75 -1.06 1.07	22.71 -1.03 0.77	21.91 -1.14 0.28	21.25 -1.14 0.02	20.98 -0.88 -0.43	21.08 -1.00 -0.28	22.27 -1.06 -0.21	22.73 -1.03 0.84	24.99 -1.28 0.36	25.36 -0.85 -1.17	27.32 -0.69 -1.61	30.47 -0.64 -4.48	24.77 -0.60 -0.56	22.04 -0.92 -0.02	20.55 -0.36 0.00
MORTIMER_115KV_TB3 55949	17.27 0.13 -0.86	17.41 0.21 -0.72	16.67 0.14 -0.71	16.65 0.19 -0.64	16.28 0.14 -0.74	18.62 0.23 -0.50	22.31 0.09 -0.84	26.79 0.39 -0.66	26.94 0.08 -0.25	26.09 0.00 -0.21	24.83 0.07 -0.26	23.57 -0.09 -0.34	22.85 0.04 -0.39	21.85 -0.02 -0.45	22.16 -0.04 -0.40	23.32 -0.23 -0.43	24.71 -0.10 -0.21	27.29 -0.19 -0.86	26.42 -0.13 -1.51	28.38 0.08 -1.91	31.04 0.13 -4.29	25.34 -0.05 -0.58	22.68 -0.28 -0.02	21.01 0.10 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.72 1.48 -3.96	20.78 1.38 -2.93	20.16 1.39 -2.95	19.79 1.39 -2.58	20.18 1.31 -3.47	21.43 1.50 -2.05	28.29 1.82 -5.09	32.65 2.39 -4.51	30.37 2.63 -1.13	29.05 2.56 -0.61	27.63 2.40 -0.73	26.19 2.36 -0.50	25.39 2.31 -0.67	23.82 2.12 -0.28	24.34 2.20 -0.33	26.28 2.38 -0.77	27.72 2.41 -0.71	36.64 2.56 -7.46	39.85 2.40 -12.41	43.92 2.51 -15.02	64.63 2.42 -35.58	31.61 2.21 -4.59	25.17 2.11 -0.12	22.67 1.76 0.00
MUNSVILLE_WIND_PWR 323609	18.86 1.34 -1.25	18.74 1.35 -0.91	17.84 1.09 -0.92	17.74 1.11 -0.81	17.65 1.16 -1.10	20.01 1.48 -0.64	25.19 1.88 -1.92	30.14 2.24 -2.16	29.90 2.24 -1.06	28.73 2.07 -0.78	26.86 1.74 -0.62	25.15 1.45 -0.37	23.91 1.19 -0.31	22.58 1.13 -0.02	23.00 1.11 -0.09	24.57 1.20 -0.24	26.72 1.43 -0.70	31.34 1.92 -2.80	31.13 2.13 -3.96	33.72 2.59 -4.74	39.44 2.72 -10.10	28.44 2.21 -1.42	24.55 1.58 -0.03	22.50 1.59 0.00
N SALMON___HYD 24042	7.23 -0.90 8.15	7.32 -0.94 8.22	6.80 -0.90 8.12	3.92 -0.87 11.03	4.11 -0.75 10.54	8.47 -0.75 8.66	9.08 -0.86 11.45	10.29 -1.18 14.27	11.01 -1.28 14.32	10.90 -1.27 13.72	10.25 -1.22 13.03	9.78 -1.19 12.36	9.43 -1.14 11.84	8.60 -1.12 11.72	5.51 -1.00 15.29	5.76 -1.06 16.31	6.40 -1.01 17.19	13.33 -0.93 12.36	23.27 -0.65 1.12	22.46 -0.63 3.30	26.07 -0.56 0.00	24.49 -0.32 0.00	22.71 -0.23 0.00	20.62 -0.29 0.00
N.AKRON__115KV_KNAPP 355671	16.95 -0.28 -0.94	17.10 -0.16 -0.78	16.37 -0.22 -0.77	16.34 -0.17 -0.69	16.02 -0.20 -0.82	18.20 -0.23 -0.55	21.82 -0.17 -0.61	25.33 -0.08 0.34	25.46 -0.35 0.80	24.77 -0.41 0.70	23.74 -0.29 0.47	22.67 -0.56 0.10	22.08 -0.43 -0.09	21.20 -0.66 -0.44	21.38 -0.74 -0.32	22.65 -0.74 -0.27	23.47 -0.59 0.53	25.77 -0.75 0.11	25.56 -0.58 -1.09	27.54 -0.34 -1.49	30.29 -0.29 -3.95	24.64 -0.67 -0.50	22.04 -0.92 -0.02	20.62 -0.29 0.00
N.BELMOR_69_KV_BK1 55787	22.41 1.76 -4.37	21.05 1.65 -2.93	20.45 1.68 -2.95	20.06 1.66 -2.58	20.35 1.48 -3.47	21.75 1.82 -2.05	29.97 2.22 -6.36	33.04 2.78 -4.51	30.74 3.01 -1.13	29.44 2.95 -0.61	28.61 2.70 -1.41	26.66 2.73 -0.60	26.62 2.64 -1.56	28.77 2.46 -4.88	26.63 2.53 -2.30	29.01 2.75 -3.13	32.90 2.78 -5.53	40.26 2.96 -10.68	47.64 2.80 -19.80	49.99 2.96 -20.64	85.96 2.90 -56.43	38.89 2.65 -11.43	31.68 2.57 -6.18	25.20 2.13 -2.16
N.E._GEN_SANDY PD 24062	21.47 0.93 -4.26	20.55 0.96 -3.12	19.87 0.90 -3.15	19.48 0.90 -2.75	20.02 0.88 -3.74	21.09 1.02 -2.18	28.05 1.18 -5.49	30.43 1.52 -3.17	27.73 1.70 0.58	25.83 1.63 1.69	23.76 1.54 2.28	23.40 1.52 1.45	22.66 1.46 1.21	22.08 1.33 0.67	22.28 1.37 0.90	22.75 1.50 1.88	23.84 1.53 2.29	29.52 1.62 -1.27	36.32 1.53 -9.75	40.14 1.61 -12.13	39.12 1.57 -10.92	30.95 1.46 -4.68	24.53 1.40 -0.19	22.00 1.09 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.51 1.33 -3.90	20.62 1.27 -2.88	19.99 1.27 -2.90	19.63 1.27 -2.54	20.00 1.19 -3.42	21.27 1.38 -2.01	28.04 1.65 -5.01	32.34 2.16 -4.43	30.11 2.39 -1.11	28.78 2.30 -0.59	27.41 2.21 -0.70	25.97 2.15 -0.49	25.15 2.08 -0.65	23.63 1.93 -0.27	24.11 1.98 -0.32	26.05 2.17 -0.75	27.50 2.21 -0.69	36.20 2.29 -7.29	39.38 2.18 -12.16	43.41 2.30 -14.72	63.62 2.24 -34.76	31.39 2.08 -4.50	24.96 1.90 -0.12	22.50 1.59 0.00
N. QUEENS_27_KV_LOAD 356247	21.72 1.48 -3.96	20.80 1.40 -2.93	20.21 1.44 -2.95	19.86 1.46 -2.58	20.21 1.32 -3.48	21.41 1.48 -2.05	28.21 1.73 -5.09	32.58 2.32 -4.51	30.29 2.55 -1.13	29.00 2.51 -0.61	27.58 2.35 -0.73	26.18 2.36 -0.50	25.38 2.31 -0.66	23.84 2.14 -0.27	24.33 2.20 -0.32	26.28 2.38 -0.76	27.70 2.39 -0.71	36.61 2.53 -7.45	39.83 2.38 -12.41	43.87 2.45 -15.02	64.55 2.34 -35.58	31.56 2.16 -4.59	25.12 2.06 -0.12	22.69 1.78 -0.01
N. TROY___115KV_TB1 355778	21.83 0.78 -4.76	20.81 0.82 -3.51	20.12 0.76 -3.54	19.68 0.76 -3.09	20.34 0.75 -4.18	21.23 0.89 -2.45	28.60 1.09 -6.13	31.88 1.39 -4.74	29.30 1.52 -1.18	27.17 1.45 0.16	25.53 1.32 0.29	24.46 1.28 0.15	23.74 1.26 -0.07	22.55 1.16 0.03	22.93 1.20 0.08	24.31 1.27 0.09	25.63 1.33 0.30	39.55 1.44 -11.49	49.72 1.35 -23.33	56.26 1.45 -28.41	86.34 1.44 -58.27	35.01 1.34 -8.86	24.44 1.26 -0.24	21.89 0.98 0.00
NARROWS_GT1_1 24228	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT1_2 24229	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT1_3 24230	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT1_4 24231	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT1_5 24232	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT1_6 24233	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT1_7 24234	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT1_8 24235	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT2_1 24236	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT2_2 24237	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT2_3 24238	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT2_4 24239	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01

NARROWS_GT2_5 24240	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT2_6 24241	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT2_7 24242	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NARROWS_GT2_8 24243	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.31 0.62 -4.41	20.40 0.68 -3.25	19.75 0.65 -3.28	19.34 0.65 -2.87	19.93 0.66 -3.87	20.93 0.77 -2.27	28.15 1.09 -5.67	31.99 1.62 -4.62	29.05 1.49 -0.96	27.55 1.53 -0.14	25.96 1.35 -0.11	24.70 1.26 -0.11	23.97 1.26 -0.31	22.70 1.18 -0.09	23.09 1.20 -0.08	24.65 1.27 -0.25	26.06 1.35 -0.10	35.66 1.17 -7.86	41.30 1.18 -15.08	46.05 1.32 -18.34	67.06 1.38 -39.05	31.76 1.27 -5.69	24.19 1.10 -0.15	21.83 0.92 0.00
NCHELSEA_115KV_TR2 355582	21.60 1.33 -3.99	20.71 1.29 -2.95	20.06 1.27 -2.97	19.70 1.28 -2.60	20.10 1.20 -3.50	21.30 1.36 -2.06	28.18 1.67 -5.13	32.49 2.21 -4.53	30.15 2.42 -1.13	28.78 2.30 -0.59	27.42 2.21 -0.71	25.95 2.12 -0.49	25.13 2.06 -0.66	23.58 1.89 -0.27	24.07 1.94 -0.32	26.04 2.15 -0.76	27.51 2.21 -0.69	36.38 2.29 -7.47	39.72 2.20 -12.47	43.85 2.35 -15.10	64.61 2.32 -35.66	31.56 2.13 -4.62	24.99 1.93 -0.12	22.52 1.61 0.00
NEG CAPITAL___MECHNVIL 23645	22.02 0.98 -4.77	20.97 1.01 -3.49	20.28 0.93 -3.53	19.82 0.92 -3.08	20.51 0.92 -4.18	21.44 1.11 -2.44	28.96 1.43 -6.14	32.32 1.80 -4.77	29.47 1.94 -0.92	27.48 1.86 0.27	25.86 1.71 0.36	24.74 1.63 0.23	23.99 1.57 -0.01	22.75 1.44 0.11	23.14 1.48 0.15	24.59 1.59 0.14	25.90 1.67 0.37	38.68 1.84 -10.22	47.64 1.73 -20.88	53.66 1.85 -25.41	80.83 1.89 -52.31	34.48 1.74 -7.93	24.73 1.58 -0.21	22.14 1.23 0.00
NEG CENTRAL_HIGH_ACRES 23767	16.96 0.18 -0.50	17.07 0.23 -0.37	16.37 0.17 -0.37	16.35 0.21 -0.32	16.01 0.17 -0.44	18.43 0.29 -0.26	22.20 0.17 -0.65	26.80 0.49 -0.57	26.85 0.19 -0.06	26.04 0.16 0.00	24.67 0.17 0.00	23.36 0.02 0.00	22.62 0.18 -0.03	21.56 0.13 0.00	21.92 0.11 0.00	23.13 -0.02 0.00	24.67 0.07 0.00	27.26 0.11 -0.52	26.13 0.08 -1.01	27.89 0.26 -1.23	29.50 0.24 -2.64	25.29 0.10 -0.38	22.81 -0.14 -0.01	21.14 0.23 0.00
NEG CENTRAL___DRP 24199	17.50 0.26 -0.96	17.59 0.30 -0.82	16.88 0.25 -0.81	16.82 0.27 -0.73	16.48 0.25 -0.84	18.83 0.38 -0.57	23.22 0.51 -1.32	28.27 0.59 -1.93	28.56 0.48 -1.47	27.65 0.49 -1.27	26.17 0.54 -1.12	24.62 0.40 -0.89	23.55 0.34 -0.80	22.32 0.34 -0.55	22.68 0.31 -0.56	24.09 0.28 -0.69	26.05 0.37 -1.08	29.00 0.35 -2.02	27.67 0.50 -2.13	29.65 0.66 -2.59	32.40 0.67 -5.11	26.04 0.50 -0.73	23.18 0.23 -0.02	21.33 0.42 0.00
NEG CENTRAL___INDECK 23768	17.43 0.44 -0.71	17.54 0.54 -0.52	16.81 0.46 -0.53	16.77 0.49 -0.46	16.48 0.45 -0.63	18.89 0.64 -0.37	28.48 0.26 -6.84	44.86 0.33 -18.78	44.43 -0.05 -17.88	40.81 -0.31 -15.24	36.39 -0.32 -12.21	30.21 -0.42 -7.29	27.66 0.25 -5.00	21.68 0.21 -0.04	23.25 0.20 -1.25	25.91 0.12 -2.66	37.36 0.30 -12.47	46.19 0.40 -19.17	38.50 0.63 -12.83	41.67 1.00 -14.27	48.79 1.04 -21.13	29.15 0.79 -3.55	23.36 0.41 -0.02	21.66 0.75 0.00
NEG CENTRAL___SENECA 23627	17.59 0.34 -0.97	17.69 0.40 -0.82	16.95 0.33 -0.80	16.89 0.35 -0.72	16.58 0.34 -0.84	18.95 0.50 -0.57	23.50 0.62 -1.49	28.86 0.72 -2.39	29.07 0.59 -1.88	28.09 0.60 -1.61	26.55 0.66 -1.39	24.83 0.47 -1.03	23.70 0.40 -0.88	22.35 0.43 -0.49	22.72 0.37 -0.55	24.18 0.35 -0.71	26.42 0.47 -1.36	29.62 0.40 -2.60	28.33 0.63 -2.66	30.41 0.82 -3.20	33.66 0.83 -6.21	26.33 0.62 -0.90	23.23 0.28 -0.02	21.45 0.54 0.00
NEG CENTRAL___STATE_STREET 24147	17.58 0.31 -0.99	17.66 0.33 -0.85	16.94 0.28 -0.83	16.87 0.30 -0.75	16.54 0.28 -0.86	18.87 0.39 -0.59	23.32 0.75 -1.19	28.15 0.90 -1.51	28.43 0.77 -1.05	27.66 0.85 -0.92	25.97 0.61 -0.85	24.83 0.75 -0.75	23.76 0.63 -0.72	22.66 0.64 -0.59	22.94 0.57 -0.57	24.37 0.58 -0.66	26.06 0.66 -0.80	28.85 0.72 -1.51	27.48 0.73 -1.71	29.40 0.87 -2.13	31.88 0.91 -4.35	26.17 0.74 -0.61	23.43 0.48 -0.02	21.37 0.46 0.00
NEG MILLWOOD___DRP 24198	21.68 1.40 -4.00	20.76 1.33 -2.95	20.11 1.31 -2.98	19.76 1.33 -2.61	20.16 1.25 -3.51	21.38 1.43 -2.07	28.26 1.73 -5.14	32.59 2.29 -4.56	30.19 2.45 -1.14	28.85 2.36 -0.61	27.51 2.28 -0.73	26.03 2.19 -0.50	25.21 2.13 -0.67	23.65 1.95 -0.28	24.16 2.03 -0.33	26.15 2.24 -0.78	27.62 2.31 -0.71	36.55 2.40 -7.53	39.90 2.33 -12.53	44.02 2.45 -15.17	64.98 2.42 -35.93	31.70 2.26 -4.64	25.06 2.00 -0.12	22.56 1.65 0.00
NEG NORTH_FLCN_SEA 23793	-2.54 -0.94 17.88	-2.57 -0.99 18.06	-1.85 -0.97 16.71	4.57 -0.95 10.30	4.82 -0.75 9.83	9.10 -0.70 8.09	9.99 -0.73 10.67	-2.00 -1.44 26.30	-2.86 -1.30 28.16	-2.76 -1.19 27.45	-2.81 -1.32 25.99	-2.59 -1.14 24.78	-2.48 -1.12 23.77	-1.71 -1.20 21.94	6.81 -1.05 13.95	7.09 -1.16 14.88	7.94 -0.98 15.68	14.53 -0.83 11.27	23.52 -0.50 1.02	23.02 -0.37 3.01	26.38 -0.27 -0.02	25.21 0.40 0.00	23.42 0.48 0.00	21.18 0.27 0.00
NEG NORTH_KES_CHATEGAY 23792	-2.93 -1.06 18.15	-2.94 -1.09 18.33	-2.17 -1.03 16.96	4.37 -1.00 10.45	4.59 -0.83 9.98	8.87 -0.80 8.21	9.66 -0.90 10.83	-2.42 -1.47 26.70	-3.55 -1.57 28.58	-3.53 -1.55 27.86	-3.47 -1.59 26.38	-3.26 -1.45 25.15	-3.11 -1.39 24.13	-2.17 -1.33 22.27	6.49 -1.16 14.16	6.83 -1.20 15.10	7.61 -1.08 15.91	14.25 -0.93 11.44	23.38 -0.63 1.03	22.77 -0.58 3.05	26.14 -0.51 -0.02	24.64 -0.17 0.00	22.89 -0.05 0.00	20.74 -0.17 0.00



NEG NORTH___ALICE_FALLS 23915	-2.49 -0.85 17.92	-2.50 -0.87 18.10	-1.80 -0.87 16.75	4.56 -0.93 10.32	4.79 -0.75 9.86	9.08 -0.70 8.11	9.96 -0.73 10.70	-1.93 -1.31 26.36	-2.74 -1.12 28.22	-2.67 -1.04 27.52	-2.68 -1.13 26.05	-2.51 -1.00 24.84	-2.38 -0.96 23.83	-1.65 -1.09 21.99	6.84 -0.98 13.98	7.13 -1.09 14.91	7.97 -0.91 15.72	14.58 -0.75 11.30	23.62 -0.40 1.02	23.12 -0.26 3.01	26.46 -0.19 -0.02	25.16 0.35 0.00	23.35 0.41 0.00	21.14 0.23 0.00
NEG NORTH___LWR_SARANAC 23913	-2.49 -0.85 17.92	-2.50 -0.87 18.10	-1.80 -0.87 16.75	4.56 -0.93 10.32	4.79 -0.75 9.86	9.08 -0.70 8.11	9.96 -0.73 10.70	-1.93 -1.31 26.36	-2.74 -1.12 28.22	-2.67 -1.04 27.52	-2.68 -1.13 26.05	-2.51 -1.00 24.84	-2.38 -0.96 23.83	-1.65 -1.09 21.99	6.84 -0.98 13.98	7.13 -1.09 14.91	7.97 -0.91 15.72	14.58 -0.75 11.30	23.62 -0.40 1.02	23.12 -0.26 3.01	26.46 -0.19 -0.02	25.16 0.35 0.00	23.35 0.41 0.00	21.14 0.23 0.00
NEG NORTH___PLATTSBURG 23628	-0.55 -0.85 15.99	-0.54 -0.87 16.14	0.01 -0.87 14.94	5.60 -0.93 9.29	5.77 -0.75 8.87	9.89 -0.70 7.30	11.02 -0.73 9.64	0.01 -1.31 24.42	-0.60 -1.12 26.08	-0.66 -1.11 25.43	-0.67 -1.10 24.07	-0.69 -1.07 22.95	-0.64 -1.03 22.02	0.01 -1.09 20.32	7.82 -0.98 13.01	8.17 -1.09 13.87	9.07 -0.91 14.62	15.34 -0.77 10.52	23.68 -0.40 0.95	23.32 -0.26 2.81	26.47 -0.16 0.00	25.16 0.35 0.00	23.33 0.39 0.00	21.14 0.23 0.00
NEG WEST_LEA_LOCKPORT 23791	16.63 -0.62 -0.97	16.77 -0.51 -0.80	16.06 -0.55 -0.79	16.01 -0.52 -0.71	15.74 -0.51 -0.84	17.78 -0.66 -0.56	21.22 -0.68 -0.52	24.31 -0.75 0.68	24.37 -1.06 1.17	23.80 -1.06 1.02	22.89 -0.88 0.73	21.98 -1.10 0.25	21.46 -0.94 0.01	20.75 -1.11 -0.44	20.87 -1.22 -0.29	22.11 -1.23 -0.21	22.67 -1.13 0.80	24.84 -1.33 0.45	24.78 -1.20 -0.94	26.69 -1.03 -1.32	29.42 -1.01 -3.80	24.01 -1.27 -0.47	21.51 -1.44 -0.02	20.18 -0.73 0.00
NEG WEST___LANCASTR 23811	16.47 -0.88 -1.07	16.58 -0.77 -0.88	15.88 -0.81 -0.87	15.80 -0.79 -0.77	15.58 -0.75 -0.93	17.55 -0.95 -0.61	21.71 -0.30 -0.63	23.85 -1.24 0.66	24.74 -0.61 1.25	24.23 -0.54 1.11	23.11 -0.59 0.80	22.70 -0.33 0.30	21.75 -0.63 0.04	21.62 -0.24 -0.43	21.76 -0.33 -0.28	22.94 -0.39 -0.20	23.26 -0.47 0.87	25.33 -0.91 0.39	25.88 -0.35 -1.18	27.87 -0.16 -1.63	30.90 -0.29 -4.56	25.18 -0.20 -0.57	22.41 -0.55 -0.02	20.89 -0.02 0.00
NEG_PENN_ALLEGHNY 23528	17.91 0.33 -1.30	17.79 0.36 -0.95	17.10 0.32 -0.96	16.98 0.32 -0.84	16.86 0.31 -1.14	18.95 0.39 -0.67	23.69 0.62 -1.68	27.72 0.62 -1.36	27.48 0.69 -0.18	26.57 0.65 -0.04	25.17 0.61 -0.06	23.93 0.56 -0.04	23.00 0.49 -0.10	21.98 0.54 -0.02	22.35 0.52 -0.03	23.78 0.53 -0.12	25.26 0.59 -0.07	28.91 0.61 -1.67	28.69 0.65 -3.00	30.86 0.82 -3.64	35.65 0.77 -8.25	26.63 0.69 -1.12	23.45 0.48 -0.03	21.45 0.54 0.00
NEG___GEN_MONROE 24207	17.30 0.15 -0.87	17.44 0.23 -0.73	16.71 0.17 -0.72	16.70 0.24 -0.65	16.34 0.18 -0.75	18.72 0.32 -0.51	22.41 0.21 -0.81	26.72 0.46 -0.51	26.86 0.16 -0.09	26.01 0.05 -0.07	24.77 0.12 -0.15	23.46 -0.14 -0.27	22.74 -0.02 -0.35	21.77 -0.11 -0.45	22.02 -0.17 -0.38	23.21 -0.32 -0.40	24.50 -0.20 -0.10	27.04 -0.29 -0.71	26.29 -0.20 -1.45	28.27 0.03 -1.85	30.95 0.08 -4.25	25.28 -0.10 -0.57	22.63 -0.32 -0.02	21.10 0.19 0.00
NEPA___ENERGY 23901	17.07 -0.42 -1.21	17.11 -0.35 -0.98	16.41 -0.38 -0.97	16.32 -0.36 -0.86	16.10 -0.35 -1.05	18.15 -0.41 -0.68	22.40 -0.21 -1.23	25.95 -0.57 -0.78	26.16 -0.48 -0.03	25.36 -0.49 0.03	24.13 -0.44 -0.07	23.12 -0.42 -0.21	22.22 -0.52 -0.32	21.51 -0.34 -0.43	21.75 -0.41 -0.36	23.03 -0.49 -0.39	24.12 -0.49 -0.02	26.96 -0.80 -1.14	26.89 -0.53 -2.38	29.03 -0.34 -2.98	33.03 -0.43 -6.83	25.39 -0.35 -0.93	22.34 -0.62 -0.03	20.74 -0.17 0.00
NEVERSINK___HYD 23608	21.37 1.42 -3.68	20.52 1.35 -2.69	19.88 1.34 -2.72	19.54 1.34 -2.37	19.89 1.26 -3.23	21.20 1.43 -1.88	27.79 1.67 -4.74	32.00 2.16 -4.10	29.57 2.37 -0.60	28.42 2.28 -0.26	27.11 2.25 -0.35	25.68 2.12 -0.22	24.79 1.97 -0.40	23.34 1.82 -0.09	23.79 1.85 -0.13	25.66 2.08 -0.45	27.09 2.17 -0.32	33.64 2.29 -4.73	35.34 2.23 -8.07	38.59 2.43 -9.77	52.09 2.40 -23.06	29.99 2.18 -2.99	24.94 1.93 -0.08	22.64 1.73 0.00
NEWKRMKL_115KV_TB1 55635	21.55 0.59 -4.69	20.55 0.63 -3.45	19.89 0.59 -3.48	19.48 0.62 -3.04	20.10 0.59 -4.11	21.00 0.70 -2.41	28.20 0.79 -6.03	31.51 1.00 -4.76	28.81 1.12 -1.09	26.93 1.09 0.04	25.37 1.00 0.13	24.28 1.00 0.05	23.59 1.01 -0.16	22.41 0.96 -0.01	22.77 0.98 0.02	24.17 0.99 -0.05	25.47 1.01 0.14	37.75 1.06 -10.06	46.11 1.00 -20.07	51.86 1.03 -24.43	78.37 1.04 -50.71	33.36 0.94 -7.61	24.06 0.92 -0.20	21.62 0.71 0.00
NEWTON___FALLS_HYD 23847	-9.42 -0.50 25.19	-9.56 -0.59 25.44	-9.10 -0.65 24.27	-8.37 -0.60 23.59	-7.76 -0.66 22.51	-1.40 -0.77 18.52	-3.95 -0.92 24.41	-14.33 -0.72 39.36	-15.06 -0.77 40.89	-14.57 -0.93 39.52	-13.81 -0.83 37.48	-13.16 -0.84 35.65	-12.60 -0.85 34.17	-12.01 -0.77 32.67	-11.10 -0.92 31.99	-11.86 -0.88 34.11	-12.43 -1.08 35.95	-0.33 -1.17 25.78	21.75 -1.08 2.21	18.57 -1.08 6.75	25.99 -1.01 -0.37	23.87 -0.99 -0.05	21.97 -0.96 0.00	19.97 -0.94 0.00
NGRID_A1_DSASP 323792	16.09 -0.83 -0.64	16.22 -0.72 -0.47	15.53 -0.76 -0.47	15.54 -0.70 -0.41	15.28 -0.68 -0.56	17.32 -0.89 -0.33	19.89 -0.92 0.58	20.68 -0.98 4.09	20.53 -1.41 4.67	20.34 -1.40 4.15	19.86 -1.32 3.32	19.88 -1.47 1.98	19.93 -1.17 1.32	19.91 -1.50 0.01	19.87 -1.59 0.34	21.01 -1.43 0.69	19.81 -1.40 3.39	20.79 -1.52 4.32	21.87 -1.48 1.70	23.37 -1.32 1.71	24.15 -1.36 1.12	23.20 -1.32 0.30	21.14 -1.81 -0.01	19.84 -1.07 0.00
NGRID_A2_DSASP 323793	16.09 -0.83 -0.64	16.22 -0.72 -0.47	15.53 -0.76 -0.47	15.54 -0.70 -0.41	15.28 -0.68 -0.56	17.32 -0.89 -0.33	19.89 -0.92 0.58	20.68 -0.98 4.09	20.53 -1.41 4.67	20.34 -1.40 4.15	19.86 -1.32 3.32	19.88 -1.47 1.98	19.93 -1.17 1.32	19.91 -1.50 0.01	19.87 -1.59 0.34	21.01 -1.43 0.69	19.81 -1.40 3.39	20.79 -1.52 4.32	21.87 -1.48 1.70	23.37 -1.32 1.71	24.15 -1.36 1.12	23.20 -1.32 0.30	21.14 -1.81 -0.01	19.84 -1.07 0.00
NGRID_A4_DSASP 323807	16.09 -0.83 -0.64	16.22 -0.72 -0.47	15.53 -0.76 -0.47	15.54 -0.70 -0.41	15.28 -0.68 -0.56	17.32 -0.89 -0.33	19.89 -0.92 0.58	20.68 -0.98 4.09	20.53 -1.41 4.67	20.34 -1.40 4.15	19.86 -1.32 3.32	19.88 -1.47 1.98	19.93 -1.17 1.32	19.91 -1.50 0.01	19.87 -1.59 0.34	21.01 -1.43 0.69	19.81 -1.40 3.39	20.79 -1.52 4.32	21.87 -1.48 1.70	23.37 -1.32 1.71	24.15 -1.36 1.12	23.20 -1.32 0.30	21.14 -1.81 -0.01	19.84 -1.07 0.00
NIAGARA_115E_LBMP 323715	16.05 -0.86 -0.64	16.18 -0.76 -0.47	15.50 -0.79 -0.47	15.49 -0.74 -0.41	15.24 -0.72 -0.56	17.28 -0.93 -0.33	19.93 -0.88 0.58	20.82 -0.95 3.97	20.70 -1.38 4.51	20.53 -1.35 4.01	20.00 -1.30 3.20	19.98 -1.45 1.91	19.99 -1.14 1.28	19.94 -1.48 0.01	19.90 -1.57 0.33	20.68 -1.78 0.67	19.97 -1.35 3.27	21.00 -1.46 4.16	21.98 -1.48 1.58	23.49 -1.32 1.58	24.31 -1.36 0.96	22.82 -1.71 0.27	21.16 -1.79 -0.01	19.86 -1.04 0.00

NIAGARA_115W_LBMP 323714	16.05 -0.86 -0.64	16.18 -0.76 -0.47	15.50 -0.79 -0.47	15.50 -0.73 -0.41	15.25 -0.71 -0.56	17.28 -0.93 -0.33	19.87 -0.94 0.57	20.71 -0.98 4.06	20.52 -1.44 4.64	20.34 -1.42 4.12	19.85 -1.35 3.30	19.89 -1.47 1.97	19.92 -1.19 1.31	19.87 -1.54 0.01	19.83 -1.64 0.34	21.01 -1.43 0.68	19.82 -1.40 3.38	20.82 -1.52 4.29	21.86 -1.50 1.68	23.36 -1.35 1.69	24.14 -1.39 1.10	23.18 -1.34 0.29	21.09 -1.86 -0.01	19.80 -1.11 0.00
NIAGARA_230_LBMP 323716	16.27 -0.64 -0.63	16.41 -0.53 -0.46	15.72 -0.57 -0.46	15.69 -0.54 -0.41	15.45 -0.51 -0.55	17.54 -0.66 -0.32	19.95 -0.92 0.51	20.90 -1.00 3.84	20.77 -1.41 4.43	20.55 -1.40 3.94	20.00 -1.35 3.15	20.00 -1.45 1.89	20.00 -1.17 1.25	20.24 -1.18 0.01	20.22 -1.27 0.32	21.02 -1.46 0.65	20.00 -1.38 3.22	21.04 -1.52 4.07	21.98 -1.50 1.56	23.51 -1.32 1.56	24.30 -1.39 0.94	23.18 -1.36 0.26	21.48 -1.47 -0.01	20.16 -0.75 0.00
NIAGARA__115KV_198_GIBSON 55903	16.40 -0.86 -0.98	16.53 -0.76 -0.81	15.83 -0.79 -0.80	15.81 -0.73 -0.72	15.55 -0.71 -0.85	17.52 -0.93 -0.57	21.01 -0.92 -0.55	24.10 -1.00 0.65	24.05 -1.38 1.17	23.49 -1.37 1.03	22.59 -1.18 0.73	21.72 -1.35 0.26	21.22 -1.19 0.01	20.32 -1.54 -0.44	20.42 -1.68 -0.29	21.89 -1.46 -0.21	22.39 -1.40 0.80	24.54 -1.65 0.44	24.49 -1.50 -0.95	26.36 -1.37 -1.34	29.13 -1.36 -3.87	23.92 -1.36 -0.48	21.03 -1.93 -0.02	19.74 -1.17 0.00
NIAGARA____ 23760	16.05 -0.86 -0.64	16.18 -0.76 -0.47	15.50 -0.79 -0.47	15.49 -0.74 -0.41	15.25 -0.71 -0.56	17.28 -0.93 -0.33	19.95 -0.92 0.51	20.90 -1.00 3.84	20.77 -1.41 4.43	20.55 -1.40 3.94	20.00 -1.35 3.15	20.00 -1.45 1.89	20.00 -1.17 1.25	20.00 -1.41 0.01	19.99 -1.48 0.33	20.93 -1.55 0.65	20.00 -1.38 3.22	21.04 -1.52 4.07	22.00 -1.48 1.56	23.51 -1.32 1.57	24.30 -1.39 0.94	23.08 -1.46 0.27	21.23 -1.72 -0.01	19.86 -1.04 0.00
NINE_MILE_1 23575	16.29 -0.26 -0.27	16.43 -0.25 -0.20	15.77 -0.25 -0.20	15.74 -0.25 -0.18	15.40 -0.25 -0.24	17.76 -0.27 -0.14	21.39 -0.34 -0.35	25.58 -0.44 -0.27	26.10 -0.51 0.00	25.39 -0.49 0.00	24.06 -0.44 0.00	22.89 -0.44 0.00	22.00 -0.43 -0.01	21.02 -0.41 0.00	21.39 -0.41 0.00	22.68 -0.46 -0.01	24.11 -0.49 0.00	26.09 -0.53 0.00	24.56 -0.48 0.00	25.95 -0.45 0.00	26.17 -0.45 0.00	24.34 -0.47 0.00	22.43 -0.50 0.00	20.55 -0.36 0.00
NINE_MILE_2 23744	16.29 -0.26 -0.27	16.43 -0.25 -0.20	15.77 -0.25 -0.20	15.74 -0.25 -0.18	15.39 -0.25 -0.24	17.76 -0.27 -0.14	21.39 -0.34 -0.35	25.58 -0.44 -0.27	26.10 -0.51 0.00	25.39 -0.49 0.00	24.06 -0.44 0.00	22.89 -0.44 0.00	22.00 -0.43 -0.01	21.02 -0.41 0.00	21.39 -0.41 0.00	22.68 -0.46 -0.01	24.11 -0.49 0.00	26.09 -0.53 0.00	24.56 -0.48 0.00	25.95 -0.45 0.00	26.17 -0.45 0.00	24.34 -0.47 0.00	22.43 -0.50 0.00	20.57 -0.34 0.00
NM_CAPITAL____DRP 24208	21.59 0.63 -4.67	20.58 0.66 -3.44	19.92 0.63 -3.47	19.51 0.65 -3.04	20.13 0.63 -4.10	21.02 0.73 -2.41	28.23 0.83 -6.01	31.52 1.06 -4.72	28.85 1.20 -1.04	26.97 1.16 0.08	25.38 1.05 0.18	24.33 1.07 0.08	23.62 1.08 -0.14	22.44 1.01 0.00	22.82 1.05 0.03	24.20 1.06 -0.01	25.50 1.08 0.18	37.55 1.14 -9.78	45.78 1.08 -19.67	51.48 1.14 -23.95	77.12 1.12 -49.38	33.31 1.04 -7.46	24.12 0.99 -0.20	21.66 0.75 0.00
NM_CENTRAL____DRP 24181	17.35 0.08 -0.98	17.45 0.10 -0.88	16.74 0.06 -0.85	16.66 0.06 -0.78	16.31 0.06 -0.85	18.62 0.13 -0.61	22.58 0.13 -1.06	27.26 0.18 -1.33	27.70 0.11 -0.99	26.90 0.10 -0.91	25.57 0.20 -0.87	24.27 0.12 -0.82	23.30 0.09 -0.80	22.27 0.11 -0.74	22.57 0.07 -0.69	23.96 0.07 -0.77	25.47 0.07 -0.80	27.81 0.05 -1.13	26.23 0.10 -1.09	27.96 0.16 -1.40	29.58 0.16 -2.79	25.30 0.10 -0.39	22.92 -0.02 -0.01	20.99 0.08 0.00
NM_FRONTIER____DRP 24179	16.40 -0.86 -0.98	16.53 -0.76 -0.81	15.83 -0.79 -0.80	15.81 -0.73 -0.72	15.55 -0.71 -0.85	17.52 -0.93 -0.57	21.01 -0.92 -0.55	24.10 -1.00 0.65	24.05 -1.38 1.17	23.49 -1.37 1.03	22.59 -1.18 0.73	21.72 -1.35 0.26	21.22 -1.19 0.01	20.32 -1.54 -0.44	20.42 -1.68 -0.29	21.89 -1.46 -0.21	22.39 -1.40 0.80	24.54 -1.65 0.44	24.49 -1.50 -0.95	26.36 -1.37 -1.34	29.13 -1.36 -3.87	23.92 -1.36 -0.48	21.03 -1.93 -0.02	19.74 -1.17 0.00
NM_ST_REGIS____HYD 24053	0.56 -0.83 14.89	0.57 -0.87 15.03	0.54 -0.87 14.41	0.16 -0.81 14.85	0.38 -0.85 14.17	5.26 -0.97 11.66	4.85 -1.15 15.38	1.24 -1.03 23.48	1.25 -1.09 24.26	1.25 -1.22 23.42	1.19 -1.10 22.21	1.14 -1.07 21.12	1.10 -1.08 20.24	0.98 -0.99 19.46	0.56 -1.11 20.13	0.58 -1.09 21.47	0.70 -1.28 22.62	9.02 -1.36 16.24	22.39 -1.23 1.43	20.84 -1.27 4.29	25.54 -1.22 -0.14	23.74 -1.09 -0.02	22.02 -0.92 0.00	20.01 -0.90 0.00
NORTHPORT____1 23551	22.34 1.77 -4.28	20.96 1.65 -2.84	20.36 1.68 -2.86	19.98 1.66 -2.50	20.25 1.45 -3.40	21.69 1.83 -1.98	29.85 2.20 -6.26	32.90 2.70 -4.45	30.24 2.93 -0.71	29.11 2.82 -0.40	28.40 2.67 -1.23	26.39 2.61 -0.44	26.32 2.49 -1.42	28.49 2.31 -4.75	26.33 2.36 -2.17	28.62 2.52 -2.97	32.45 2.53 -5.32	37.71 2.74 -8.34	43.26 2.58 -15.64	44.75 2.77 -15.58	74.73 2.64 -45.47	37.09 2.41 -9.87	31.50 2.43 -6.14	25.06 1.99 -2.16
NORTHPORT____2 23552	22.34 1.77 -4.28	20.96 1.65 -2.84	20.36 1.68 -2.86	19.98 1.66 -2.50	20.25 1.45 -3.40	21.69 1.83 -1.98	29.85 2.20 -6.26	32.90 2.70 -4.45	30.24 2.93 -0.71	29.11 2.82 -0.40	28.40 2.67 -1.23	26.39 2.61 -0.44	26.32 2.49 -1.42	28.49 2.31 -4.75	26.33 2.36 -2.17	28.62 2.52 -2.97	32.45 2.53 -5.32	37.71 2.74 -8.34	43.26 2.58 -15.64	44.75 2.77 -15.58	74.73 2.64 -45.47	37.09 2.41 -9.87	31.50 2.43 -6.14	25.06 1.99 -2.16
NORTHPORT____3 23553	22.37 1.81 -4.28	21.01 1.70 -2.84	20.41 1.72 -2.86	20.03 1.71 -2.50	20.31 1.51 -3.40	21.75 1.88 -1.98	29.95 2.31 -6.26	33.05 2.86 -4.45	30.43 3.11 -0.71	29.29 3.00 -0.40	28.59 2.87 -1.23	26.57 2.80 -0.44	26.52 2.69 -1.42	28.68 2.51 -4.75	26.52 2.55 -2.17	28.87 2.77 -2.97	32.75 2.83 -5.32	38.03 3.06 -8.34	43.54 2.85 -15.64	45.01 3.03 -15.58	75.05 2.96 -45.47	37.36 2.68 -9.87	31.66 2.59 -6.14	25.22 2.15 -2.16
NORTHPORT____4 23650	22.37 1.81 -4.28	21.01 1.70 -2.84	20.41 1.72 -2.86	20.03 1.71 -2.50	20.31 1.51 -3.40	21.75 1.88 -1.98	29.95 2.31 -6.26	33.05 2.86 -4.45	30.43 3.11 -0.71	29.29 3.00 -0.40	28.59 2.87 -1.23	26.57 2.80 -0.44	26.52 2.69 -1.42	28.68 2.51 -4.75	26.52 2.55 -2.17	28.87 2.77 -2.97	32.75 2.83 -5.32	38.03 3.06 -8.34	43.54 2.85 -15.64	45.01 3.03 -15.58	75.05 2.96 -45.47	37.36 2.68 -9.87	31.66 2.59 -6.14	25.22 2.15 -2.16
NORTHPORT____IC 23718	22.34 1.77 -4.28	20.96 1.65 -2.84	20.36 1.68 -2.86	19.98 1.66 -2.50	20.25 1.45 -3.40	21.69 1.83 -1.98	29.85 2.20 -6.26	32.90 2.70 -4.45	30.24 2.93 -0.71	29.11 2.82 -0.40	28.40 2.67 -1.23	26.39 2.61 -0.44	26.32 2.49 -1.42	28.49 2.31 -4.75	26.33 2.36 -2.17	28.62 2.52 -2.97	32.45 2.53 -5.32	37.71 2.74 -8.34	43.26 2.58 -15.64	44.75 2.77 -15.58	74.73 2.64 -45.47	37.09 2.41 -9.87	31.50 2.43 -6.14	25.06 1.99 -2.16

NORTH__COUNTRY_ESR 323785	-1.57 -1.09 16.76	-1.58 -1.14 16.92	-0.92 -1.08 15.66	5.08 -1.03 9.71	5.27 -0.86 9.28	9.42 -0.84 7.63	10.37 -0.94 10.08	-1.19 -1.52 25.42	-2.17 -1.62 27.15	-2.16 -1.58 26.47	-2.08 -1.52 25.06	-2.00 -1.45 23.89	-1.92 -1.41 22.92	-1.08 -1.35 21.15	7.11 -1.18 13.51	7.49 -1.23 14.41	8.30 -1.11 15.19	14.69 -1.01 10.92	23.32 -0.73 0.99	22.82 -0.66 2.92	26.04 -0.59 0.00	24.54 -0.27 0.00	22.80 -0.14 0.00	20.68 -0.23 0.00
NPX_GEN_1385_PROXY 323591	22.34 1.77 -4.28	20.96 1.65 -2.84	20.36 1.68 -2.86	19.98 1.66 -2.50	20.22 1.42 -3.40	21.69 1.83 -1.98	29.48 1.84 -6.26	32.54 2.34 -4.45	29.81 2.50 -0.71	28.61 2.33 -0.40	27.84 2.11 -1.23	25.85 2.08 -0.44	25.76 1.93 -1.42	27.91 1.73 -4.75	25.85 1.88 -2.17	27.95 1.85 -2.97	31.54 1.62 -5.32	36.75 1.78 -8.34	42.51 1.83 -15.64	44.09 2.11 -15.58	50.29 1.57 -22.09	36.93 1.61 -10.51	31.08 1.93 -6.22	24.91 1.84 -2.16
NPX_GEN_CSC 323557	22.34 1.77 -4.28	20.97 1.66 -2.84	20.39 1.71 -2.86	20.00 1.68 -2.50	20.23 1.43 -3.40	21.71 1.84 -1.98	29.61 1.97 -6.26	32.64 2.45 -4.45	29.97 2.66 -0.71	28.82 2.54 -0.40	28.16 2.43 -1.23	26.13 2.36 -0.44	26.10 2.26 -1.42	28.28 2.10 -4.75	26.05 2.07 -2.17	28.39 2.29 -2.97	32.26 2.34 -5.32	37.52 2.56 -8.34	43.06 2.38 -15.64	44.51 2.53 -15.58	73.85 2.48 -44.75	37.48 2.16 -10.51	31.34 2.18 -6.22	24.85 1.78 -2.16
NSINS_S_GLNS_FALLS 23858	22.16 1.01 -4.87	21.10 1.04 -3.59	20.42 0.98 -3.62	19.89 0.90 -3.17	20.62 0.94 -4.28	21.54 1.14 -2.51	29.26 1.60 -6.27	32.70 2.03 -4.92	30.29 2.18 -1.50	27.89 2.10 0.09	26.15 1.84 0.19	24.97 1.73 0.09	24.23 1.68 -0.14	22.95 1.52 0.00	23.34 1.57 0.04	24.80 1.67 -0.01	26.18 1.77 0.19	42.99 1.97 -14.39	55.47 1.85 -28.57	63.20 2.03 -34.77	101.38 2.10 -72.65	37.57 1.94 -10.82	24.90 1.67 -0.29	22.16 1.25 0.00
NUCOR_STEEL__DRP 24197	17.62 0.36 -0.99	17.72 0.40 -0.85	17.00 0.35 -0.83	16.95 0.38 -0.75	16.59 0.34 -0.85	18.94 0.46 -0.59	23.16 0.62 -1.15	27.95 0.77 -1.43	28.21 0.61 -1.00	27.46 0.70 -0.88	25.98 0.66 -0.82	24.65 0.58 -0.73	23.59 0.47 -0.71	22.52 0.49 -0.60	22.82 0.44 -0.58	24.23 0.44 -0.66	25.88 0.52 -0.76	28.62 0.56 -1.44	27.27 0.58 -1.65	29.17 0.71 -2.06	31.59 0.75 -4.22	26.00 0.60 -0.59	23.32 0.37 -0.02	21.41 0.50 0.00
NUMBER_THREE_WT_PWR 323818	24.72 0.03 -8.40	24.76 -0.15 -8.43	23.54 -0.30 -8.02	22.96 -0.28 -7.42	22.26 -0.28 -7.13	23.43 -0.29 -5.83	28.85 -0.34 -7.81	38.10 -0.28 -12.63	39.32 -0.32 -13.04	38.03 -0.47 -12.62	36.00 -0.47 -11.96	34.22 -0.49 -11.38	32.84 -0.49 -10.92	31.40 -0.41 -10.38	31.07 -0.46 -9.72	33.09 -0.42 -10.38	35.08 -0.44 -10.93	34.24 -0.24 -7.86	25.83 0.08 -0.71	28.73 0.24 -2.10	26.95 0.32 0.00	24.96 0.15 0.00	22.78 -0.16 0.00	20.76 -0.15 0.00
NYISO_LBMP_REFERENCE 24008	16.28 0.00 0.00	16.48 0.00 0.00	15.82 0.00 0.00	15.82 0.00 0.00	15.40 0.00 0.00	17.88 0.00 0.00	21.38 0.00 0.00	25.75 0.00 0.00	26.60 0.00 0.00	25.88 0.00 0.00	24.50 0.00 0.00	23.33 0.00 0.00	22.41 0.00 0.00	21.43 0.00 0.00	21.81 0.00 0.00	23.13 0.00 0.00	24.60 0.00 0.00	26.62 0.00 0.00	25.04 0.00 0.00	26.40 0.00 0.00	26.63 0.00 0.00	24.81 0.00 0.00	22.94 0.00 0.00	20.91 0.00 0.00
NYPA_BRENTWD__GT 24164	22.46 1.90 -4.28	21.11 1.80 -2.84	20.50 1.82 -2.86	20.13 1.80 -2.50	20.37 1.57 -3.40	21.84 1.97 -1.98	30.06 2.42 -6.26	33.16 2.96 -4.45	30.51 3.19 -0.71	29.36 3.08 -0.40	28.64 2.91 -1.23	26.60 2.82 -0.44	26.54 2.71 -1.42	28.70 2.53 -4.75	26.52 2.55 -2.17	28.87 2.77 -2.97	32.75 2.83 -5.32	38.03 3.06 -8.34	43.49 2.80 -15.64	44.99 3.01 -15.58	75.03 2.93 -45.47	37.31 2.63 -9.87	31.75 2.68 -6.14	25.26 2.19 -2.16
NYPA_GOWANUS__GT5 24156	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NYPA_GOWANUS__GT6 24157	21.77 1.61 -3.88	20.83 1.51 -2.83	20.21 1.52 -2.87	19.85 1.52 -2.51	20.22 1.42 -3.41	21.46 1.59 -1.98	28.28 1.90 -4.99	32.74 2.55 -4.45	30.08 2.77 -0.71	29.00 2.72 -0.40	27.64 2.60 -0.54	26.25 2.57 -0.35	25.44 2.49 -0.54	23.87 2.29 -0.15	24.37 2.36 -0.21	26.34 2.59 -0.62	27.71 2.61 -0.50	34.60 2.85 -5.13	35.94 2.65 -8.25	39.08 2.72 -9.96	53.88 2.64 -24.62	30.25 2.41 -3.03	25.34 2.32 -0.09	22.88 1.96 -0.01
NYPA_HARLEM_RVR_GT1 24160	21.63 1.47 -3.88	20.69 1.38 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.12 1.31 -3.41	21.33 1.47 -1.98	28.08 1.71 -4.98	32.48 2.29 -4.44	29.86 2.55 -0.70	28.79 2.51 -0.39	27.41 2.38 -0.53	26.02 2.36 -0.34	25.22 2.29 -0.52	23.69 2.12 -0.14	24.16 2.16 -0.19	26.10 2.36 -0.61	27.43 2.34 -0.50	34.27 2.53 -5.11	35.64 2.35 -8.24	38.78 2.43 -9.96	53.58 2.34 -24.61	29.97 2.13 -3.03	25.07 2.07 -0.07	22.67 1.76 -0.01
NYPA_HARLEM_RVR_GT2 24161	21.63 1.47 -3.88	20.69 1.38 -2.83	20.12 1.42 -2.87	19.77 1.44 -2.51	20.12 1.31 -3.41	21.33 1.47 -1.98	28.08 1.71 -4.98	32.48 2.29 -4.44	29.86 2.55 -0.70	28.79 2.51 -0.39	27.41 2.38 -0.53	26.02 2.36 -0.34	25.22 2.29 -0.52	23.69 2.12 -0.14	24.16 2.16 -0.19	26.10 2.36 -0.61	27.43 2.34 -0.50	34.27 2.53 -5.11	35.64 2.35 -8.24	38.78 2.43 -9.96	53.58 2.34 -24.61	29.97 2.13 -3.03	25.07 2.07 -0.07	22.67 1.76 -0.01
NYPA_KENT__GT 24152	21.76 1.60 -3.88	20.81 1.50 -2.83	20.20 1.50 -2.87	19.83 1.50 -2.51	20.21 1.40 -3.41	21.46 1.59 -1.98	28.26 1.88 -4.99	32.69 2.50 -4.45	30.05 2.74 -0.71	28.98 2.69 -0.40	27.62 2.57 -0.54	26.23 2.54 -0.35	25.42 2.47 -0.54	23.85 2.27 -0.15	24.35 2.33 -0.21	26.30 2.54 -0.62	27.66 2.56 -0.50	34.52 2.77 -5.12	35.90 2.60 -8.25	39.02 2.66 -9.96	53.82 2.58 -24.62	30.20 2.36 -3.03	25.30 2.27 -0.09	22.82 1.90 -0.01
NYPA_POUCH1__GT 24155	21.72 1.56 -3.88	20.78 1.47 -2.83	20.15 1.45 -2.87	19.80 1.47 -2.51	20.20 1.39 -3.41	21.37 1.50 -1.98	28.19 1.82 -4.99	32.59 2.39 -4.45	29.87 2.55 -0.71	28.79 2.51 -0.40	27.47 2.43 -0.54	26.11 2.43 -0.35	25.30 2.35 -0.54	23.74 2.16 -0.15	24.21 2.20 -0.21	26.23 2.48 -0.62	27.64 2.53 -0.50	34.49 2.74 -5.13	35.77 2.48 -8.25	38.89 2.53 -9.96	53.68 2.45 -24.61	30.20 2.36 -3.03	25.32 2.29 -0.09	22.86 1.94 -0.01
NYPA_VERNON__GT2 24162	21.72 1.56 -3.88	20.78 1.47 -2.83	20.18 1.49 -2.87	19.82 1.49 -2.51	20.19 1.39 -3.40	21.44 1.57 -1.98	28.26 1.88 -4.99	32.67 2.47 -4.45	30.05 2.74 -0.71	28.95 2.67 -0.40	27.59 2.55 -0.54	26.20 2.52 -0.35	25.37 2.42 -0.54	23.83 2.25 -0.15	24.30 2.29 -0.20	26.27 2.52 -0.62	27.61 2.51 -0.50	34.47 2.72 -5.12	35.85 2.56 -8.25	38.97 2.61 -9.96	53.77 2.53 -24.62	30.15 2.31 -3.03	25.25 2.22 -0.09	22.78 1.86 -0.01

NYPA_VERNON____GT3 24163	21.72	20.78	20.18	19.82	20.19	21.44	28.26	32.67	30.05	28.95	27.59	26.20	25.37	23.83	24.30	26.27	27.61	34.47	35.85	38.97	53.77	30.15	25.25	22.78
	1.56	1.47	1.49	1.49	1.39	1.57	1.88	2.47	2.74	2.67	2.55	2.52	2.42	2.25	2.29	2.52	2.51	2.72	2.56	2.61	2.53	2.31	2.22	1.86
	-3.88	-2.83	-2.87	-2.51	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
NYPA____ASTORIA_CC1 323568	21.72	20.78	20.16	19.82	20.20	21.44	28.21	32.64	30.00	28.93	27.54	26.18	25.35	23.81	24.28	26.23	27.59	34.44	35.80	38.95	53.74	30.12	25.23	22.76
	1.56	1.47	1.47	1.49	1.39	1.57	1.84	2.45	2.69	2.64	2.50	2.50	2.40	2.23	2.27	2.48	2.48	2.69	2.50	2.59	2.50	2.28	2.20	1.84
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
NYPA____ASTORIA_CC2 323569	21.72	20.78	20.16	19.82	20.20	21.44	28.21	32.64	30.00	28.93	27.54	26.18	25.35	23.81	24.28	26.23	27.59	34.44	35.80	38.95	53.74	30.12	25.23	22.76
	1.56	1.47	1.47	1.49	1.39	1.57	1.84	2.45	2.69	2.64	2.50	2.50	2.40	2.23	2.27	2.48	2.48	2.69	2.50	2.59	2.50	2.28	2.20	1.84
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.21	-0.62	-0.50	-5.13	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
NYPA____HOLTSVILL 23794	22.40	21.02	20.43	20.05	20.30	21.76	29.89	32.98	30.32	29.18	28.47	26.43	26.41	28.55	26.33	28.67	32.52	37.82	43.34	44.80	74.84	37.14	31.53	25.06
	1.84	1.71	1.74	1.72	1.49	1.89	2.24	2.78	3.01	2.90	2.74	2.66	2.58	2.38	2.36	2.57	2.61	2.85	2.65	2.83	2.74	2.46	2.46	1.99
	-4.28	-2.84	-2.86	-2.50	-3.40	-1.98	-6.26	-4.45	-0.71	-0.40	-1.23	-0.44	-1.42	-4.75	-2.17	-2.97	-5.32	-8.34	-15.64	-15.58	-45.47	-9.87	-6.14	-2.16
NYPA____HELLGATE_GT1 24158	21.63	20.69	20.12	19.77	20.12	21.33	28.08	32.48	29.86	28.79	27.41	26.02	25.22	23.69	24.16	26.10	27.43	34.27	35.64	38.78	53.58	29.97	25.07	22.67
	1.47	1.38	1.42	1.44	1.31	1.47	1.71	2.29	2.55	2.51	2.38	2.36	2.29	2.12	2.16	2.36	2.34	2.53	2.35	2.43	2.34	2.13	2.07	1.76
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.98	-4.44	-0.70	-0.39	-0.53	-0.34	-0.52	-0.14	-0.19	-0.61	-0.50	-5.11	-8.24	-9.96	-24.61	-3.03	-0.07	-0.01
NYPA____HELLGATE_GT2 24159	21.63	20.69	20.12	19.77	20.12	21.33	28.08	32.48	29.86	28.79	27.41	26.02	25.22	23.69	24.16	26.10	27.43	34.27	35.64	38.78	53.58	29.97	25.07	22.67
	1.47	1.38	1.42	1.44	1.31	1.47	1.71	2.29	2.55	2.51	2.38	2.36	2.29	2.12	2.16	2.36	2.34	2.53	2.35	2.43	2.34	2.13	2.07	1.76
	-3.88	-2.83	-2.87	-2.51	-3.41	-1.98	-4.98	-4.44	-0.70	-0.39	-0.53	-0.34	-0.52	-0.14	-0.19	-0.61	-0.50	-5.11	-8.24	-9.96	-24.61	-3.03	-0.07	-0.01
NYS_BARGE____HYD 23848	16.27	16.40	15.71	15.70	15.44	17.52	20.24	21.32	21.25	21.01	20.43	20.35	20.30	20.30	20.29	21.11	20.40	21.52	22.41	23.97	24.80	23.32	21.55	20.22
	-0.64	-0.53	-0.57	-0.52	-0.51	-0.68	-0.64	-0.69	-1.06	-1.06	-1.03	-1.17	-0.90	-1.12	-1.20	-1.39	-1.08	-1.17	-1.15	-0.95	-0.98	-1.24	-1.40	-0.69
	-0.62	-0.45	-0.46	-0.40	-0.55	-0.32	0.50	3.73	4.29	3.81	3.05	1.82	1.21	0.01	0.31	0.63	3.11	3.93	1.48	1.48	0.84	0.25	-0.01	0.00
OAK ORCHARD____HYD 24046	16.92	17.07	16.34	16.35	16.01	18.38	22.11	25.74	25.71	24.97	23.76	22.72	22.20	21.40	21.71	22.79	23.77	25.98	25.33	27.05	28.47	24.99	22.69	21.06
	0.13	0.21	0.14	0.19	0.15	0.23	0.06	0.39	0.03	-0.03	-0.02	-0.19	0.04	-0.02	-0.02	-0.21	-0.10	-0.11	-0.12	0.08	0.08	-0.05	-0.25	0.15
	-0.52	-0.38	-0.38	-0.33	-0.45	-0.26	-0.66	0.40	0.92	0.89	0.71	0.43	0.26	0.00	0.07	0.13	0.73	0.54	-0.41	-0.57	-1.76	-0.23	-0.01	0.00
OAKDALE__35_KV_LOAD 356122	18.24	18.09	17.39	17.26	17.13	19.16	24.02	28.42	28.21	27.19	25.75	24.39	23.42	22.31	22.68	24.16	25.77	29.97	30.02	32.47	38.85	27.07	23.39	21.41
	0.31	0.33	0.28	0.30	0.29	0.38	0.53	0.54	0.64	0.60	0.59	0.51	0.45	0.49	0.48	0.51	0.54	0.53	0.60	0.74	0.69	0.65	0.41	0.50
	-1.65	-1.29	-1.28	-1.14	-1.44	-0.90	-2.10	-2.14	-0.97	-0.71	-0.66	-0.55	-0.56	-0.39	-0.39	-0.52	-0.63	-2.81	-4.38	-5.34	-11.53	-1.61	-0.04	0.00
OCC_CHEM____DRP 24175	16.43	16.56	15.86	15.84	15.58	17.56	21.02	24.09	24.05	23.48	22.59	21.73	21.23	20.36	20.48	21.88	22.37	24.53	24.50	26.38	29.15	23.94	21.08	19.80
	-0.83	-0.72	-0.76	-0.70	-0.68	-0.89	-0.90	-0.98	-1.36	-1.35	-1.15	-1.33	-1.17	-1.50	-1.61	-1.46	-1.40	-1.62	-1.48	-1.35	-1.33	-1.34	-1.88	-1.11
	-0.98	-0.81	-0.80	-0.72	-0.85	-0.57	-0.54	0.68	1.20	1.06	0.76	0.28	0.02	-0.44	-0.29	-0.21	0.83	0.47	-0.94	-1.33	-3.85	-0.47	-0.02	0.00
OH_GEN_PROXY 24063	16.31	16.44	15.75	15.74	15.48	17.60	20.21	21.54	21.40	21.11	20.46	20.31	20.24	20.32	20.36	21.22	20.47	21.69	22.45	24.00	24.22	24.04	21.66	20.22
	-0.60	-0.49	-0.54	-0.49	-0.48	-0.61	-0.83	-0.90	-1.30	-1.29	-1.25	-1.35	-1.08	-1.09	-1.16	-1.34	-1.28	-1.41	-1.38	-1.21	-1.28	-1.24	-1.38	-0.69
	-0.63	-0.46	-0.47	-0.41	-0.55	-0.32	0.34	3.30	3.90	3.48	2.79	1.67	1.10	0.01	0.29	0.57	2.85	3.52	1.22	1.18	1.13	-0.47	-0.10	0.00
OLIN_CORP_DRP 24177	16.43	16.58	15.86	15.83	15.57	17.56	21.06	24.09	24.10	23.54	22.65	21.76	21.24	20.43	20.54	21.88	22.45	24.59	24.52	26.42	29.19	23.62	21.17	19.86
	-0.83	-0.71	-0.76	-0.71	-0.69	-0.89	-0.86	-0.95	-1.30	-1.29	-1.10	-1.31	-1.14	-1.44	-1.55	-1.46	-1.33	-1.57	-1.48	-1.32	-1.30	-1.66	-1.79	-1.05
	-0.99	-0.81	-0.80	-0.72	-0.86	-0.57	-0.53	0.71	1.20	1.05	0.75	0.26	0.02	-0.44	-0.28	-0.21	0.82	0.46	-0.95	-1.34	-3.87	-0.47	-0.02	0.00
OLIN_CORP_DSASP 323712	16.09	16.22	15.53	15.54	15.28	17.32	19.89	20.68	20.53	20.34	19.86	19.88	19.93	19.91	19.87	21.01	19.81	20.79	21.87	23.37	24.15	23.20	21.14	19.84
	-0.83	-0.72	-0.76	-0.70	-0.68	-0.89	-0.92	-0.98	-1.41	-1.40	-1.32	-1.47	-1.17	-1.50	-1.59	-1.43	-1.40	-1.52	-1.48	-1.32	-1.36	-1.32	-1.81	-1.07
	-0.64	-0.47	-0.47	-0.41	-0.56	-0.33	0.58	4.09	4.67	4.15	3.32	1.98	1.32	0.01	0.34	0.69	3.39	4.32	1.70	1.71	1.12	0.30	-0.01	0.00
ONEIDA_HERK_LFGE 323681	20.24	20.37	19.44	19.27	18.74	20.66	25.08	31.38	32.44	31.46	29.76	28.29	27.15	25.96	26.13	27.77	29.51	30.36	25.80	27.90	27.26	25.26	23.14	21.16
	0.23	0.16	0.06	0.08	0.08	0.13	0.11	0.21	0.27	0.18	0.15	0.09	0.07	0.09	0.07	0.09	0.12	0.29	0.45	0.58	0.64	0.45	0.21	0.25
	-3.73	-3.73	-3.55	-3.37	-3.26	-2.64	-3.59	-5.43	-5.57	-5.39	-5.11	-4.86	-4.67	-4.45	-4.26	-4.55	-4.79	-3.45	-0.31	-0.92	0.00	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	18.23	18.37	17.58	17.48	17.06	19.38	23.42	28.65	29.47	28.61	27.16	25.69	24.66	23.57	23.84	25.31	26.98	28.95	26.51	28.35	28.94	25.91	23.58	21.60
	0.44	0.44	0.36	0.38	0.37	0.48	0.53	0.67	0.80	0.75	0.78	0.58	0.54	0.54	0.52	0.56	0.66	0.85	0.93	1.11	1.14	0.94	0.64	0.69
	-1.51	-1.45	-1.39	-1.28	-1.29	-1.01	-1.50	-2.23	-2.06	-1.98	-1.87	-1.78	-1.71	-1.61	-1.51	-1.63	-1.72	-1.47	-0.54	-0.84	-1.17	-0.16	0.00	0.00

ONONDAGA_REF_OCCRA 23987	17.39 0.13 -0.98	17.46 0.13 -0.85	16.78 0.13 -0.83	16.70 0.13 -0.75	16.37 0.12 -0.85	18.67 0.20 -0.59	22.72 0.24 -1.10	27.35 0.28 -1.32	27.76 0.24 -0.91	26.93 0.23 -0.82	25.57 0.29 -0.77	24.28 0.23 -0.72	23.30 0.18 -0.70	22.25 0.19 -0.63	22.58 0.17 -0.60	23.98 0.19 -0.67	25.51 0.20 -0.71	28.09 0.21 -1.25	26.71 0.25 -1.42	28.50 0.32 -1.79	30.61 0.32 -3.67	25.57 0.25 -0.51	23.04 0.09 -0.01	21.10 0.19 0.00
ONONDAGA___COGEN 23986	17.39 0.16 -0.95	17.49 0.18 -0.84	16.78 0.14 -0.81	16.72 0.16 -0.74	16.36 0.14 -0.82	18.68 0.21 -0.58	22.72 0.28 -1.06	27.36 0.31 -1.31	27.78 0.24 -0.94	27.01 0.28 -0.85	25.62 0.32 -0.80	24.33 0.26 -0.74	23.32 0.18 -0.73	22.27 0.19 -0.65	22.60 0.17 -0.62	23.98 0.16 -0.69	25.53 0.20 -0.74	28.00 0.19 -1.19	26.53 0.23 -1.27	28.30 0.29 -1.61	30.18 0.29 -3.26	25.49 0.22 -0.45	23.02 0.07 -0.01	21.10 0.19 0.00
ONTARIO___LFGE 23819	17.22 0.34 -0.60	17.31 0.39 -0.44	16.60 0.33 -0.45	16.56 0.35 -0.39	16.27 0.34 -0.53	18.69 0.50 -0.31	23.69 0.64 -1.66	29.58 0.72 -3.11	29.74 0.64 -2.50	28.52 0.57 -2.07	26.67 0.52 -1.65	24.74 0.42 -0.99	23.52 0.40 -0.70	21.86 0.43 -0.01	22.37 0.39 -0.17	23.86 0.35 -0.38	26.76 0.47 -1.69	30.30 0.53 -3.14	28.46 0.63 -2.79	30.45 0.84 -3.21	33.03 0.80 -5.61	26.31 0.62 -0.88	23.25 0.30 -0.01	21.49 0.58 0.00
ORANGEVILLE_WT_PWR 323706	16.47 -0.57 -0.76	16.57 -0.46 -0.56	15.89 -0.49 -0.56	15.85 -0.46 -0.49	15.65 -0.42 -0.67	17.72 -0.55 -0.39	16.16 -0.43 4.80	7.50 -0.69 17.55	7.71 -0.82 18.07	9.38 -0.85 15.65	11.10 -0.86 12.54	14.98 -0.86 7.49	16.64 -0.72 5.06	20.74 -0.64 0.05	19.84 -0.68 1.29	19.63 -0.83 2.67	11.03 -0.76 12.81	7.77 -0.80 18.05	14.45 -0.65 9.94	15.22 -0.45 10.73	12.81 -0.51 13.31	21.83 -0.55 2.43	22.15 -0.80 -0.02	20.64 -0.27 0.00
ORANGEVILLE___ESR 323794	16.47 -0.57 -0.76	16.57 -0.46 -0.56	15.89 -0.49 -0.56	15.85 -0.46 -0.49	15.65 -0.42 -0.67	17.72 -0.55 -0.39	16.16 -0.43 4.80	7.50 -0.69 17.55	7.71 -0.82 18.07	9.38 -0.85 15.65	11.10 -0.86 12.54	14.98 -0.86 7.49	16.64 -0.72 5.06	20.74 -0.64 0.05	19.84 -0.68 1.29	19.63 -0.83 2.67	11.03 -0.76 12.81	7.77 -0.80 18.05	14.45 -0.65 9.94	15.22 -0.45 10.73	12.81 -0.51 13.31	21.83 -0.55 2.43	22.15 -0.80 -0.02	20.64 -0.27 0.00
OSWEGATCHIE___HYD 24044	-8.65 -0.50 24.42	-8.78 -0.59 24.67	-8.37 -0.65 23.54	-7.77 -0.60 22.99	-7.19 -0.66 21.93	-0.93 -0.77 18.05	-3.33 -0.92 23.79	-13.59 -0.72 38.62	-14.25 -0.77 40.08	-13.78 -0.93 38.73	-13.09 -0.86 36.73	-12.44 -0.84 34.94	-11.92 -0.85 33.48	-11.36 -0.77 32.02	-10.57 -0.92 31.46	-11.30 -0.88 33.55	-11.84 -1.08 35.36	0.10 -1.09 25.43	21.66 -1.08 2.31	18.52 -1.08 6.80	25.61 -1.01 0.00	23.82 -0.99 0.00	21.95 -0.99 0.00	19.97 -0.94 0.00
OSWEGO___5 23606	16.44 -0.15 -0.31	16.55 -0.15 -0.23	15.89 -0.16 -0.23	15.88 -0.14 -0.20	15.52 -0.15 -0.27	17.90 -0.14 -0.16	21.59 -0.19 -0.40	25.82 -0.23 -0.31	26.34 -0.29 -0.03	25.60 -0.28 0.00	24.23 -0.27 0.00	23.05 -0.28 0.00	22.16 -0.27 -0.01	21.17 -0.26 0.00	21.55 -0.26 0.00	22.84 -0.30 -0.01	24.28 -0.32 0.00	26.60 -0.32 -0.29	25.31 -0.30 -0.57	26.82 -0.26 -0.69	27.84 -0.27 -1.48	24.75 -0.27 -0.21	22.60 -0.34 -0.01	20.70 -0.21 0.00
OSWEGO___6 23613	16.44 -0.15 -0.31	16.55 -0.15 -0.23	15.89 -0.16 -0.23	15.88 -0.14 -0.20	15.52 -0.15 -0.27	17.90 -0.14 -0.16	21.59 -0.19 -0.40	25.82 -0.23 -0.31	26.34 -0.29 -0.03	25.60 -0.28 0.00	24.23 -0.27 0.00	23.05 -0.28 0.00	22.16 -0.27 -0.01	21.17 -0.26 0.00	21.55 -0.26 0.00	22.84 -0.30 -0.01	24.28 -0.32 0.00	26.60 -0.32 -0.29	25.31 -0.30 -0.57	26.82 -0.26 -0.69	27.84 -0.27 -1.48	24.75 -0.27 -0.21	22.60 -0.34 -0.01	20.70 -0.21 0.00
OUTOKUMPU-AB___DRP 24206	16.68 -0.59 -0.99	16.83 -0.46 -0.82	16.12 -0.51 -0.81	16.07 -0.47 -0.72	15.80 -0.46 -0.86	17.81 -0.64 -0.57	21.29 -0.58 -0.48	24.22 -0.64 0.88	24.31 -0.90 1.39	23.78 -0.88 1.22	22.91 -0.71 0.89	22.07 -0.91 0.35	21.53 -0.81 0.07	20.90 -0.96 -0.44	20.99 -1.09 -0.27	22.27 -1.04 -0.18	22.68 -0.96 0.96	24.80 -1.17 0.65	24.91 -0.98 -0.85	26.81 -0.82 -1.23	29.57 -0.80 -3.74	24.34 -0.92 -0.45	21.63 -1.33 -0.02	20.28 -0.63 0.00
OXBOW___ 24026	16.24 -0.68 -0.64	16.39 -0.56 -0.47	15.69 -0.60 -0.47	15.68 -0.55 -0.41	15.43 -0.54 -0.56	17.46 -0.75 -0.33	20.06 -0.71 0.62	20.75 -0.75 4.25	20.63 -1.14 4.83	20.49 -1.11 4.28	20.02 -1.05 3.43	20.07 -1.21 2.05	20.11 -0.94 1.36	20.21 -1.20 0.01	20.17 -1.29 0.35	21.19 -1.23 0.71	19.96 -1.13 3.51	20.92 -1.22 4.48	22.08 -1.18 1.78	23.59 -1.00 1.80	24.35 -1.04 1.24	23.43 -1.07 0.32	21.44 -1.51 -0.01	20.14 -0.77 0.00
OXY_CHEM_DSASP 323612	16.09 -0.83 -0.64	16.22 -0.72 -0.47	15.53 -0.76 -0.47	15.54 -0.70 -0.41	15.28 -0.68 -0.56	17.32 -0.89 -0.33	19.89 -0.92 0.58	20.68 -0.98 4.09	20.53 -1.41 4.67	20.34 -1.40 4.15	19.86 -1.32 3.32	19.88 -1.47 1.98	19.93 -1.17 1.32	19.91 -1.50 0.01	19.87 -1.59 0.34	21.01 -1.43 0.69	19.81 -1.40 3.39	20.79 -1.52 4.32	21.87 -1.48 1.70	23.37 -1.32 1.71	24.15 -1.36 1.12	23.20 -1.32 0.30	21.14 -1.81 -0.01	19.84 -1.07 0.00
OZONE_PARK_ESR 323760	21.85 1.61 -3.96	20.90 1.50 -2.93	20.29 1.52 -2.95	19.92 1.52 -2.58	20.29 1.42 -3.47	21.56 1.63 -2.05	28.46 1.99 -5.09	32.86 2.60 -4.51	30.61 2.87 -1.13	29.29 2.80 -0.61	27.85 2.62 -0.73	26.43 2.59 -0.50	25.59 2.51 -0.67	24.04 2.34 -0.28	24.53 2.40 -0.33	26.51 2.61 -0.77	27.94 2.63 -0.71	36.91 2.82 -7.46	40.10 2.65 -12.41	44.16 2.75 -15.02	64.89 2.69 -35.57	31.83 2.43 -4.59	25.35 2.29 -0.12	22.83 1.92 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.43 -0.83 -0.98	16.56 -0.72 -0.81	15.86 -0.76 -0.80	15.84 -0.70 -0.72	15.58 -0.68 -0.85	17.56 -0.89 -0.57	21.02 -0.90 -0.54	24.09 -0.98 0.68	24.05 -1.36 1.20	23.48 -1.35 1.06	22.59 -1.15 0.76	21.73 -1.33 0.28	21.23 -1.17 0.02	20.36 -1.50 -0.44	20.48 -1.61 -0.29	21.88 -1.46 -0.21	22.37 -1.40 0.83	24.53 -1.62 0.47	24.50 -1.48 -0.94	26.38 -1.35 -1.33	29.15 -1.33 -3.85	23.94 -1.34 -0.47	21.08 -1.88 -0.02	19.80 -1.11 0.00
PACKARD___115KV_DUPONT_184 80571	16.43 -0.83 -0.98	16.56 -0.72 -0.81	15.86 -0.76 -0.80	15.84 -0.70 -0.72	15.58 -0.68 -0.85	17.56 -0.89 -0.57	21.02 -0.90 -0.54	24.09 -0.98 0.68	24.05 -1.36 1.20	23.48 -1.35 1.06	22.59 -1.15 0.76	21.73 -1.33 0.28	21.23 -1.17 0.02	20.36 -1.50 -0.44	20.48 -1.61 -0.29	21.88 -1.46 -0.21	22.37 -1.40 0.83	24.53 -1.62 0.47	24.50 -1.48 -0.94	26.38 -1.35 -1.33	29.15 -1.33 -3.85	23.94 -1.34 -0.47	21.08 -1.88 -0.02	19.80 -1.11 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.74 1.50 -3.96	20.82 1.42 -2.93	20.21 1.44 -2.95	19.86 1.46 -2.58	20.22 1.34 -3.48	21.43 1.50 -2.05	28.21 1.73 -5.09	32.60 2.34 -4.51	30.31 2.58 -1.13	29.00 2.51 -0.61	27.61 2.38 -0.73	26.18 2.36 -0.50	25.38 2.31 -0.66	23.84 2.14 -0.27	24.33 2.20 -0.32	26.30 2.41 -0.76	27.70 2.39 -0.71	36.63 2.56 -7.45	39.85 2.40 -12.41	43.90 2.48 -15.02	64.60 2.40 -35.58	31.58 2.18 -4.59	25.16 2.11 -0.12	22.71 1.80 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.85 1.61 -3.96	20.95 1.55 -2.93	20.37 1.60 -2.95	20.02 1.61 -2.58	20.38 1.49 -3.48	21.56 1.63 -2.05	28.27 1.80 -5.09	32.68 2.42 -4.51	30.37 2.63 -1.13	29.05 2.56 -0.61	27.70 2.47 -0.73	26.21 2.38 -0.50	25.38 2.31 -0.66	23.84 2.14 -0.27	24.33 2.20 -0.32	26.28 2.38 -0.76	27.70 2.39 -0.71	36.63 2.56 -7.45	39.85 2.40 -12.41	43.92 2.51 -15.02	64.60 2.40 -35.58	31.58 2.18 -4.59	25.16 2.11 -0.12	22.78 1.86 -0.01
PATROON__115KV_TB1 80586	21.61 0.62 -4.71	20.61 0.66 -3.47	19.95 0.63 -3.50	19.53 0.65 -3.06	20.15 0.62 -4.13	21.05 0.73 -2.43	28.28 0.83 -6.06	31.58 1.06 -4.78	28.92 1.17 -1.15	27.00 1.16 0.05	25.41 1.05 0.14	24.35 1.07 0.06	23.65 1.08 -0.16	22.47 1.03 -0.01	22.83 1.05 0.02	24.23 1.06 -0.04	25.53 1.08 0.15	38.47 1.12 -10.73	47.47 1.05 -21.38	53.53 1.11 -26.02	81.83 1.12 -54.08	33.93 1.02 -8.10	24.12 0.96 -0.22	21.66 0.75 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.59 -0.73 -1.05	16.71 -0.63 -0.86	15.99 -0.68 -0.85	15.93 -0.65 -0.76	15.68 -0.63 -0.91	17.66 -0.82 -0.60	21.54 -0.36 -0.52	23.80 -1.00 0.94	24.46 -0.64 1.50	23.97 -0.60 1.32	22.99 -0.54 0.97	22.49 -0.44 0.40	21.68 -0.63 0.11	21.52 -0.34 -0.43	21.63 -0.44 -0.26	22.78 -0.51 -0.16	23.02 -0.54 1.04	25.06 -0.88 0.68	25.54 -0.45 -0.95	27.49 -0.26 -1.36	30.39 -0.35 -4.11	24.98 -0.32 -0.50	22.29 -0.67 -0.02	20.80 -0.10 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.68 1.40 -4.00	20.76 1.33 -2.95	20.11 1.31 -2.98	19.76 1.33 -2.61	20.16 1.25 -3.51	21.38 1.43 -2.07	28.26 1.73 -5.14	32.59 2.29 -4.56	30.19 2.45 -1.14	28.85 2.36 -0.61	27.51 2.28 -0.73	26.03 2.19 -0.50	25.21 2.13 -0.67	23.65 1.95 -0.28	24.16 2.03 -0.33	26.15 2.24 -0.78	27.62 2.31 -0.71	36.55 2.40 -7.53	39.90 2.33 -12.53	44.02 2.45 -15.17	64.98 2.42 -35.93	31.70 2.26 -4.64	25.06 2.00 -0.12	22.56 1.65 0.00
PEEKSKILL____ 23653	21.48 1.35 -3.85	20.58 1.29 -2.82	19.93 1.27 -2.84	19.59 1.28 -2.48	19.96 1.19 -3.38	21.23 1.38 -1.97	28.01 1.67 -4.96	32.33 2.16 -4.42	29.70 2.40 -0.70	28.61 2.33 -0.39	27.27 2.23 -0.53	25.84 2.17 -0.34	25.02 2.08 -0.52	23.50 1.93 -0.15	23.97 1.96 -0.20	25.89 2.15 -0.61	27.26 2.17 -0.50	34.02 2.32 -5.08	35.41 2.18 -8.19	38.59 2.30 -9.90	53.29 2.24 -24.43	29.88 2.06 -3.01	24.92 1.90 -0.08	22.48 1.57 0.00
PGE MADISON__WINDPWR 24146	18.86 1.34 -1.25	18.74 1.35 -0.91	17.84 1.09 -0.92	17.74 1.11 -0.81	17.65 1.16 -1.10	20.01 1.48 -0.64	25.19 1.88 -1.92	30.14 2.24 -2.16	29.90 2.24 -1.06	28.73 2.07 -0.78	26.86 1.74 -0.62	25.15 1.45 -0.37	23.91 1.19 -0.31	22.58 1.13 -0.02	23.00 1.11 -0.09	24.57 1.20 -0.24	26.72 1.43 -0.70	31.34 1.92 -2.80	31.13 2.13 -3.96	33.72 2.59 -4.74	39.44 2.72 -10.10	28.44 2.21 -1.42	24.55 1.58 -0.03	22.50 1.59 0.00
PIERCEFIELD__HYD 23852	-0.77 -0.75 16.30	-0.80 -0.81 16.46	-0.74 -0.82 15.74	-0.58 -0.74 15.65	-0.38 -0.85 14.94	4.59 -1.00 12.29	3.96 -1.22 16.21	-0.74 -0.93 25.56	-0.88 -0.98 26.50	-0.85 -1.14 25.60	-0.78 -1.00 24.28	-0.76 -1.00 23.09	-0.72 -1.01 22.13	-0.68 -0.90 21.20	-0.52 -1.11 21.22	-0.56 -1.06 22.62	-0.60 -1.35 23.84	8.04 -1.46 17.12	22.19 -1.35 1.50	20.43 -1.45 4.51	25.38 -1.41 -0.16	23.54 -1.29 -0.02	21.81 -1.12 0.00	19.84 -1.07 0.00
PINELAWN_CC_1 323563	22.38 1.82 -4.28	21.02 1.71 -2.84	20.43 1.74 -2.86	20.05 1.72 -2.50	20.31 1.51 -3.40	21.75 1.88 -1.98	29.97 2.33 -6.26	33.08 2.88 -4.45	30.43 3.11 -0.71	29.29 3.00 -0.40	28.57 2.84 -1.23	26.53 2.75 -0.44	26.50 2.67 -1.42	28.64 2.46 -4.75	26.48 2.51 -2.17	28.85 2.75 -2.97	32.70 2.78 -5.32	38.00 3.03 -8.34	43.54 2.85 -15.64	45.01 3.03 -15.58	75.05 2.96 -45.47	37.36 2.68 -9.87	31.71 2.64 -6.14	25.22 2.15 -2.16
PJM_GEN_HTP_PROXY 323702	21.63 1.48 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.73 1.41 -2.50	20.11 1.31 -3.40	21.39 1.52 -1.98	28.21 1.84 -4.99	32.59 2.39 -4.45	29.97 2.66 -0.71	28.90 2.61 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.27 2.33 -0.53	23.72 2.14 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.52 2.41 -0.50	34.32 2.58 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	52.96 2.45 -23.89	30.72 2.23 -3.67	25.21 2.11 -0.17	22.67 1.76 0.00
PJM_GEN_KEystone 24065	19.21 0.49 -2.44	18.74 0.48 -1.79	18.09 0.46 -1.81	17.87 0.47 -1.58	17.99 0.45 -2.14	19.64 0.50 -1.25	25.03 0.75 -2.90	28.43 0.82 -1.86	27.08 0.96 0.48	26.15 0.91 0.39	24.97 0.86 0.22	23.95 0.84 -0.03	23.25 0.81 -0.08	22.30 0.79 -0.04	22.63 0.78 -0.04	24.17 0.83 -0.21	25.04 0.86 0.42	29.56 0.80 -2.14	30.48 0.80 -4.64	33.04 0.98 -5.67	41.24 0.91 -13.71	28.07 0.84 -2.41	23.74 0.67 -0.14	21.62 0.71 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.04 1.66 -4.10	20.86 1.55 -2.84	20.27 1.58 -2.86	19.89 1.57 -2.50	20.17 1.37 -3.40	21.57 1.70 -1.98	29.15 2.07 -5.69	32.79 2.60 -4.45	30.16 2.85 -0.71	29.03 2.74 -0.40	28.05 2.62 -0.92	26.30 2.57 -0.40	25.90 2.47 -1.02	26.41 2.29 -2.69	25.43 2.33 -1.29	27.59 2.54 -1.92	30.33 2.56 -3.17	36.30 2.77 -6.90	39.96 2.58 -12.34	42.21 2.75 -13.07	64.72 2.66 -35.43	34.70 2.43 -7.46	28.82 2.36 -3.52	24.05 1.94 -1.20
PJM_GEN_VFT_PROXY 323633	21.62 1.47 -3.87	20.68 1.37 -2.83	20.06 1.38 -2.86	19.72 1.39 -2.50	20.08 1.28 -3.40	21.35 1.48 -1.98	28.17 1.80 -4.99	32.54 2.34 -4.45	29.89 2.58 -0.71	28.87 2.59 -0.40	27.42 2.38 -0.54	26.01 2.33 -0.34	25.18 2.24 -0.53	23.65 2.08 -0.15	24.14 2.14 -0.20	26.08 2.33 -0.62	27.41 2.31 -0.50	34.24 2.50 -5.12	35.62 2.33 -8.25	38.74 2.38 -9.96	52.81 2.29 -23.89	30.59 2.11 -3.67	25.14 2.04 -0.17	22.64 1.73 0.00
PLATSBRG_115KV_PMLD1 355749	-2.56 -0.96 17.88	-2.59 -1.01 18.06	-1.85 -0.97 16.71	4.57 -0.95 10.30	4.80 -0.77 9.83	9.08 -0.72 8.09	9.99 -0.73 10.67	-1.94 -1.39 26.30	-2.80 -1.25 28.15	-2.73 -1.16 27.45	-2.76 -1.27 25.99	-2.54 -1.10 24.78	-2.43 -1.08 23.77	-1.67 -1.16 21.93	6.85 -1.00 13.95	7.14 -1.11 14.88	7.99 -0.93 15.68	14.58 -0.77 11.27	23.57 -0.45 1.02	23.07 -0.32 3.01	26.44 -0.21 -0.02	25.21 0.40 0.00	23.39 0.46 0.00	21.18 0.27 0.00
PLEASANTVLY__LBMP 24000	21.51 1.19 -4.04	20.61 1.15 -2.99	19.97 1.14 -3.01	19.61 1.15 -2.63	20.03 1.08 -3.55	21.21 1.23 -2.09	28.06 1.48 -5.20	32.33 1.96 -4.62	29.92 2.15 -1.16	28.62 2.10 -0.64	27.23 1.96 -0.77	25.80 1.94 -0.53	24.99 1.88 -0.70	23.43 1.71 -0.29	23.92 1.77 -0.34	25.89 1.94 -0.82	27.30 1.94 -0.75	36.37 2.05 -7.70	39.72 1.95 -12.72	43.85 2.06 -15.40	65.32 2.00 -36.69	31.35 1.84 -4.70	24.78 1.72 -0.13	22.31 1.40 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.61 1.35 -3.98	20.71 1.30 -2.94	20.08 1.30 -2.96	19.71 1.30 -2.59	20.11 1.22 -3.49	21.33 1.39 -2.05	28.19 1.69 -5.11	32.49 2.21 -4.53	30.16 2.42 -1.13	28.85 2.36 -0.61	27.44 2.21 -0.73	26.01 2.17 -0.50	25.21 2.13 -0.67	23.65 1.95 -0.28	24.16 2.03 -0.33	26.10 2.20 -0.78	27.55 2.24 -0.71	36.49 2.37 -7.49	39.75 2.25 -12.46	43.83 2.35 -15.08	64.65 2.29 -35.73	31.53 2.11 -4.61	25.01 1.95 -0.12	22.52 1.61 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.61 1.35 -3.98	20.71 1.30 -2.94	20.08 1.30 -2.96	19.71 1.30 -2.59	20.11 1.22 -3.49	21.33 1.39 -2.05	28.19 1.69 -5.11	32.49 2.21 -4.53	30.16 2.42 -1.13	28.85 2.36 -0.61	27.44 2.21 -0.73	26.01 2.17 -0.50	25.21 2.13 -0.67	23.65 1.95 -0.28	24.16 2.03 -0.33	26.10 2.20 -0.78	27.55 2.24 -0.71	36.49 2.37 -7.49	39.75 2.25 -12.46	43.83 2.35 -15.08	64.65 2.29 -35.73	31.53 2.11 -4.61	25.01 1.95 -0.12	22.52 1.61 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.60 1.27 -4.05	20.69 1.22 -2.99	20.05 1.22 -3.02	19.68 1.22 -2.64	20.11 1.16 -3.55	21.28 1.31 -2.09	28.18 1.58 -5.21	32.24 2.09 -4.41	29.86 2.29 -0.97	28.43 2.20 -0.35	26.97 2.08 -0.38	25.64 2.03 -0.28	24.84 1.97 -0.46	23.40 1.80 -0.17	23.85 1.85 -0.19	25.66 2.06 -0.47	27.08 2.12 -0.37	35.77 2.18 -6.96	39.68 2.10 -12.53	43.85 2.24 -15.21	62.67 2.18 -33.86	31.51 2.01 -4.69	24.92 1.86 -0.13	22.44 1.53 0.00
POLETTI____ 23519	21.74 1.50 -3.96	20.80 1.40 -2.93	20.18 1.41 -2.95	19.83 1.42 -2.58	20.20 1.32 -3.47	21.45 1.52 -2.05	28.27 1.80 -5.09	32.63 2.37 -4.51	30.34 2.61 -1.13	29.05 2.56 -0.61	27.63 2.40 -0.73	26.22 2.38 -0.50	25.39 2.31 -0.67	23.85 2.14 -0.28	24.36 2.22 -0.33	26.31 2.41 -0.77	27.72 2.41 -0.71	36.64 2.56 -7.46	39.85 2.40 -12.41	43.90 2.48 -15.02	64.60 2.40 -35.57	31.58 2.18 -4.59	25.17 2.11 -0.12	22.69 1.78 0.00
PORT_JEFF_3 23555	22.43 1.87 -4.28	21.06 1.75 -2.84	20.46 1.77 -2.86	20.08 1.76 -2.50	20.33 1.53 -3.40	21.80 1.93 -1.98	29.95 2.31 -6.26	33.03 2.83 -4.45	30.37 3.06 -0.71	29.23 2.95 -0.40	28.52 2.79 -1.23	26.50 2.73 -0.44	26.46 2.62 -1.42	28.62 2.44 -4.75	26.39 2.42 -2.17	28.76 2.66 -2.97	32.62 2.71 -5.32	37.89 2.93 -8.34	43.44 2.75 -15.64	44.91 2.93 -15.58	74.95 2.85 -45.47	37.24 2.56 -9.87	31.62 2.55 -6.14	25.12 2.05 -2.16
PORT_JEFF_4 23616	22.43 1.87 -4.28	21.06 1.75 -2.84	20.46 1.77 -2.86	20.08 1.76 -2.50	20.33 1.53 -3.40	21.80 1.93 -1.98	29.95 2.31 -6.26	33.03 2.83 -4.45	30.37 3.06 -0.71	29.23 2.95 -0.40	28.52 2.79 -1.23	26.50 2.73 -0.44	26.46 2.62 -1.42	28.62 2.44 -4.75	26.39 2.42 -2.17	28.76 2.66 -2.97	32.62 2.71 -5.32	37.89 2.93 -8.34	43.44 2.75 -15.64	44.91 2.93 -15.58	74.95 2.85 -45.47	37.24 2.56 -9.87	31.62 2.55 -6.14	25.12 2.05 -2.16
PORT_JEFF_IC 23713	22.45 1.89 -4.28	21.07 1.76 -2.84	20.47 1.79 -2.86	20.09 1.77 -2.50	20.34 1.54 -3.40	21.82 1.95 -1.98	29.99 2.35 -6.26	33.08 2.88 -4.45	30.43 3.11 -0.71	29.29 3.00 -0.40	28.57 2.84 -1.23	26.55 2.78 -0.44	26.50 2.67 -1.42	28.66 2.48 -4.75	26.44 2.46 -2.17	28.80 2.70 -2.97	32.67 2.75 -5.32	37.97 3.01 -8.34	43.49 2.80 -15.64	44.96 2.98 -15.58	75.03 2.93 -45.47	37.29 2.60 -9.87	31.64 2.57 -6.14	25.14 2.07 -2.16
PPL PILGRIM_ST_GT1 24216	22.46 1.90 -4.28	21.11 1.80 -2.84	20.50 1.82 -2.86	20.13 1.80 -2.50	20.37 1.57 -3.40	21.84 1.97 -1.98	30.06 2.42 -6.26	33.16 2.96 -4.45	30.51 3.19 -0.71	29.36 3.08 -0.40	28.64 2.91 -1.23	26.60 2.82 -0.44	26.54 2.71 -1.42	28.70 2.53 -4.75	26.52 2.55 -2.17	28.87 2.77 -2.97	32.75 2.83 -5.32	38.03 3.06 -8.34	43.49 2.80 -15.64	44.99 3.01 -15.58	75.03 2.93 -45.47	37.31 2.63 -9.87	31.75 2.68 -6.14	25.26 2.19 -2.16
PPL PILGRIM_ST_GT2 24217	22.46 1.90 -4.28	21.11 1.80 -2.84	20.50 1.82 -2.86	20.13 1.80 -2.50	20.37 1.57 -3.40	21.84 1.97 -1.98	30.06 2.42 -6.26	33.16 2.96 -4.45	30.51 3.19 -0.71	29.36 3.08 -0.40	28.64 2.91 -1.23	26.60 2.82 -0.44	26.54 2.71 -1.42	28.70 2.53 -4.75	26.52 2.55 -2.17	28.87 2.77 -2.97	32.75 2.83 -5.32	38.03 3.06 -8.34	43.49 2.80 -15.64	44.99 3.01 -15.58	75.03 2.93 -45.47	37.31 2.63 -9.87	31.75 2.68 -6.14	25.26 2.19 -2.16
PPL_SHRM_GT3 24213	22.35 1.79 -4.28	20.97 1.66 -2.84	20.39 1.71 -2.86	20.02 1.69 -2.50	20.25 1.45 -3.40	21.73 1.86 -1.98	29.61 1.97 -6.26	32.64 2.45 -4.45	29.97 2.66 -0.71	28.82 2.54 -0.40	28.13 2.40 -1.23	26.13 2.36 -0.44	26.10 2.26 -1.42	28.28 2.10 -4.75	26.05 2.07 -2.17	28.39 2.29 -2.97	32.26 2.34 -5.32	37.52 2.56 -8.34	43.06 2.38 -15.64	44.51 2.53 -15.58	74.57 2.48 -45.47	36.84 2.16 -9.87	31.27 2.20 -6.14	24.87 1.80 -2.16
PPL_SHRM_GT4 24214	22.35 1.79 -4.28	20.97 1.66 -2.84	20.39 1.71 -2.86	20.02 1.69 -2.50	20.25 1.45 -3.40	21.73 1.86 -1.98	29.61 1.97 -6.26	32.64 2.45 -4.45	29.97 2.66 -0.71	28.82 2.54 -0.40	28.13 2.40 -1.23	26.13 2.36 -0.44	26.10 2.26 -1.42	28.28 2.10 -4.75	26.05 2.07 -2.17	28.39 2.29 -2.97	32.26 2.34 -5.32	37.52 2.56 -8.34	43.06 2.38 -15.64	44.51 2.53 -15.58	74.57 2.48 -45.47	36.84 2.16 -9.87	31.27 2.20 -6.14	24.87 1.80 -2.16
PROJECT____ORANGE 1 24174	17.32 0.08 -0.96	17.43 0.10 -0.86	16.73 0.08 -0.83	16.66 0.08 -0.76	16.31 0.08 -0.83	18.62 0.14 -0.60	22.58 0.15 -1.05	27.25 0.21 -1.30	27.69 0.13 -0.95	26.88 0.13 -0.87	25.55 0.22 -0.83	24.28 0.16 -0.78	23.29 0.11 -0.77	22.26 0.13 -0.70	22.55 0.09 -0.66	23.95 0.09 -0.73	25.46 0.10 -0.76	27.85 0.11 -1.12	26.28 0.13 -1.11	28.01 0.18 -1.43	29.67 0.19 -2.86	25.33 0.12 -0.40	22.95 0.00 -0.01	21.01 0.10 0.00
PROJECT____ORANGE 2 24166	17.32 0.08 -0.96	17.43 0.10 -0.86	16.73 0.08 -0.83	16.66 0.08 -0.76	16.31 0.08 -0.83	18.62 0.14 -0.60	22.58 0.15 -1.05	27.25 0.21 -1.30	27.69 0.13 -0.95	26.88 0.13 -0.87	25.55 0.22 -0.83	24.28 0.16 -0.78	23.29 0.11 -0.77	22.26 0.13 -0.70	22.55 0.09 -0.66	23.95 0.09 -0.73	25.46 0.10 -0.76	27.85 0.11 -1.12	26.28 0.13 -1.11	28.01 0.18 -1.43	29.67 0.19 -2.86	25.33 0.12 -0.40	22.95 0.00 -0.01	21.01 0.10 0.00
PUCKETT____SOLAR 323809	18.22 0.60 -1.34	18.08 0.63 -0.98	17.36 0.55 -0.99	17.24 0.55 -0.86	17.13 0.55 -1.17	19.28 0.72 -0.68	24.09 0.98 -1.72	28.16 1.03 -1.39	27.89 1.09 -0.20	26.88 0.96 -0.04	25.42 0.86 -0.06	24.09 0.72 -0.04	23.09 0.58 -0.10	22.07 0.62 -0.02	22.44 0.61 -0.03	23.89 0.65 -0.12	25.43 0.76 -0.07	29.39 0.93 -1.83	29.38 1.03 -3.31	31.68 1.27 -4.02	36.94 1.25 -9.06	27.14 1.09 -1.24	23.77 0.80 -0.03	21.75 0.84 0.00
PYRITES____HYD 24023	0.18 -0.44 15.66	0.18 -0.48 15.82	0.22 -0.49 15.11	0.38 -0.46 14.99	0.59 -0.51 14.30	5.53 -0.59 11.77	5.12 -0.75 15.52	0.74 -0.46 24.55	0.62 -0.53 25.45	0.68 -0.62 24.58	0.70 -0.49 23.31	0.55 -0.61 22.17	0.56 -0.61 21.25	0.51 -0.56 20.36	0.77 -0.72 20.31	0.75 -0.72 21.66	0.88 -0.89 22.83	9.30 -0.93 16.39	22.75 -0.85 1.44	21.17 -0.90 4.33	25.92 -0.85 -0.15	24.01 -0.82 -0.02	22.23 -0.71 0.00	20.26 -0.65 0.00
QUAKERRD_115KV_BK1 80622	17.13 0.03 -0.82	17.25 0.08 -0.69	16.55 0.05 -0.68	16.50 0.06 -0.61	16.16 0.05 -0.71	18.47 0.11 -0.48	22.16 -0.04 -0.82	26.64 0.21 -0.69	26.84 -0.08 -0.31	25.99 -0.16 -0.26	24.75 -0.05 -0.30	23.48 -0.21 -0.36	22.71 -0.11 -0.41	21.72 -0.15 -0.45	22.03 -0.17 -0.40	23.24 -0.32 -0.43	24.60 -0.25 -0.25	27.18 -0.32 -0.87	26.24 -0.25 -1.45	28.16 -0.08 -1.84	30.69 -0.03 -4.09	25.17 -0.20 -0.56	22.56 -0.39 -0.02	20.89 -0.02 0.00

QUENSBRY_I15KV_TB8 356137	22.17	21.10	20.42	19.89	20.62	21.52	29.30	32.75	30.35	27.98	26.18	25.02	24.28	22.99	23.38	24.88	26.26	43.16	55.71	63.45	101.93	37.68	24.95	22.18
	1.01	1.04	0.98	0.90	0.94	1.13	1.65	2.09	2.23	2.17	1.86	1.77	1.73	1.56	1.61	1.73	1.84	2.05	1.93	2.09	2.18	1.98	1.72	1.28
	-4.88	-3.59	-3.62	-3.17	-4.28	-2.51	-6.27	-4.92	-1.51	0.08	0.18	0.08	-0.14	0.00	0.04	-0.01	0.19	-14.49	-28.74	-34.97	-73.12	-10.89	-0.29	0.00
RAMAPO____LBMP 323565	21.45	20.56	19.93	19.57	19.95	21.21	27.96	32.25	30.00	28.70	27.31	25.90	25.08	23.54	24.04	25.98	27.40	36.10	39.25	43.30	63.45	31.28	24.89	22.44
	1.29	1.22	1.22	1.22	1.14	1.32	1.58	2.09	2.29	2.23	2.11	2.08	2.02	1.84	1.92	2.10	2.12	2.21	2.08	2.22	2.16	1.98	1.83	1.53
	-3.88	-2.87	-2.89	-2.53	-3.41	-2.01	-4.99	-4.42	-1.11	-0.59	-0.70	-0.49	-0.65	-0.27	-0.32	-0.74	-0.68	-7.27	-12.13	-14.69	-34.66	-4.49	-0.12	0.00
RANKINE____ 23646	16.74	16.86	16.15	16.09	15.83	17.85	21.19	23.55	23.79	23.34	22.51	21.95	21.42	21.22	21.27	22.35	22.40	24.34	24.83	26.72	29.45	24.51	21.97	20.57
	-0.57	-0.46	-0.51	-0.47	-0.46	-0.63	-0.53	-0.77	-0.85	-0.83	-0.71	-0.79	-0.76	-0.64	-0.76	-0.88	-0.84	-1.09	-0.80	-0.63	-0.67	-0.69	-0.99	-0.33
	-1.03	-0.84	-0.83	-0.75	-0.89	-0.59	-0.34	1.42	1.96	1.72	1.28	0.59	0.23	-0.43	-0.23	-0.10	1.37	1.19	-0.59	-0.96	-3.49	-0.40	-0.02	0.00
RAVENSWOOD_GT2_1 24244	21.65	20.71	20.09	19.73	20.11	21.39	28.21	32.59	29.97	28.87	27.49	26.08	25.27	23.72	24.21	26.15	27.49	34.32	35.72	38.87	53.69	30.08	25.13	22.67
	1.50	1.40	1.41	1.41	1.31	1.52	1.84	2.39	2.66	2.59	2.45	2.40	2.33	2.14	2.20	2.41	2.39	2.58	2.43	2.51	2.45	2.23	2.11	1.76
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.08	0.00
RAVENSWOOD_GT2_2 24245	21.65	20.71	20.09	19.73	20.11	21.39	28.21	32.59	29.97	28.87	27.49	26.08	25.27	23.72	24.21	26.15	27.49	34.32	35.72	38.87	53.69	30.08	25.13	22.67
	1.50	1.40	1.41	1.41	1.31	1.52	1.84	2.39	2.66	2.59	2.45	2.40	2.33	2.14	2.20	2.41	2.39	2.58	2.43	2.51	2.45	2.23	2.11	1.76
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.08	0.00
RAVENSWOOD_GT2_3 24246	21.65	20.71	20.09	19.75	20.13	21.39	28.21	32.59	29.97	28.90	27.49	26.10	25.27	23.74	24.21	26.15	27.52	34.35	35.75	38.89	53.69	30.08	25.15	22.69
	1.50	1.40	1.41	1.42	1.32	1.52	1.84	2.39	2.66	2.61	2.45	2.43	2.33	2.16	2.20	2.41	2.41	2.61	2.46	2.53	2.45	2.23	2.13	1.78
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.08	0.00
RAVENSWOOD_GT2_4 24247	21.65	20.71	20.09	19.75	20.13	21.39	28.21	32.59	29.97	28.90	27.49	26.10	25.27	23.74	24.21	26.15	27.52	34.35	35.75	38.89	53.69	30.08	25.15	22.69
	1.50	1.40	1.41	1.42	1.32	1.52	1.84	2.39	2.66	2.61	2.45	2.43	2.33	2.16	2.20	2.41	2.41	2.61	2.46	2.53	2.45	2.23	2.13	1.78
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.08	0.00
RAVENSWOOD_GT3_1 24248	21.65	20.71	20.09	19.73	20.11	21.39	28.19	32.59	29.97	28.87	27.49	26.08	25.25	23.72	24.21	26.15	27.49	34.32	35.72	38.87	53.66	30.08	25.13	22.67
	1.50	1.40	1.41	1.41	1.31	1.52	1.82	2.39	2.66	2.59	2.45	2.40	2.31	2.14	2.20	2.41	2.39	2.58	2.43	2.51	2.42	2.23	2.11	1.76
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.08	0.00
RAVENSWOOD_GT3_2 24249	21.65	20.71	20.09	19.73	20.11	21.39	28.19	32.59	29.97	28.87	27.49	26.08	25.25	23.72	24.21	26.15	27.49	34.32	35.72	38.87	53.66	30.08	25.13	22.67
	1.50	1.40	1.41	1.41	1.31	1.52	1.82	2.39	2.66	2.59	2.45	2.40	2.31	2.14	2.20	2.41	2.39	2.58	2.43	2.51	2.42	2.23	2.11	1.76
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.08	0.00
RAVENSWOOD_GT3_3 24250	21.67	20.73	20.11	19.75	20.13	21.41	28.23	32.61	30.00	28.93	27.52	26.10	25.30	23.76	24.23	26.17	27.54	34.38	35.77	38.92	53.72	30.10	25.17	22.69
	1.51	1.42	1.42	1.42	1.32	1.54	1.86	2.42	2.69	2.64	2.47	2.43	2.35	2.19	2.23	2.43	2.44	2.64	2.48	2.56	2.48	2.26	2.16	1.78
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.08	0.00
RAVENSWOOD_GT3_4 24251	21.67	20.73	20.11	19.75	20.13	21.41	28.23	32.61	30.00	28.93	27.52	26.10	25.30	23.76	24.23	26.17	27.54	34.38	35.77	38.92	53.72	30.10	25.17	22.69
	1.51	1.42	1.42	1.42	1.32	1.54	1.86	2.42	2.69	2.64	2.47	2.43	2.35	2.19	2.23	2.43	2.44	2.64	2.48	2.56	2.48	2.26	2.16	1.78
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.08	0.00
RAVENSWOOD_GT_1 23729	21.72	20.78	20.18	19.82	20.19	21.44	28.26	32.67	30.05	28.95	27.59	26.20	25.37	23.83	24.30	26.27	27.61	34.47	35.85	38.97	53.77	30.15	25.25	22.78
	1.56	1.47	1.49	1.49	1.39	1.57	1.88	2.47	2.74	2.67	2.55	2.52	2.42	2.25	2.29	2.52	2.51	2.72	2.56	2.61	2.53	2.31	2.22	1.86
	-3.88	-2.83	-2.87	-2.51	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.09	-0.01
RAVENSWOOD_GT_10 24258	21.63	20.71	20.09	19.73	20.11	21.39	28.19	32.59	29.95	28.87	27.49	26.08	25.25	23.72	24.21	26.15	27.49	34.33	35.72	38.87	53.66	30.05	25.13	22.67
	1.48	1.40	1.41	1.41	1.31	1.52	1.82	2.39	2.63	2.59	2.45	2.40	2.31	2.14	2.20	2.41	2.39	2.58	2.43	2.51	2.42	2.21	2.11	1.76
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.08	0.00
RAVENSWOOD_GT_11 24259	21.63	20.71	20.09	19.73	20.11	21.39	28.19	32.59	29.95	28.87	27.49	26.08	25.25	23.72	24.21	26.15	27.49	34.33	35.72	38.87	53.66	30.05	25.13	22.67
	1.48	1.40	1.41	1.41	1.31	1.52	1.82	2.39	2.63	2.59	2.45	2.40	2.31	2.14	2.20	2.41	2.39	2.58	2.43	2.51	2.42	2.21	2.11	1.76
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.34	-0.53	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.08	0.00
RAVENSWOOD_GT_4 24252	21.63	20.69	20.08	19.72	20.10	21.37	28.19	32.56	29.95	28.87	27.47	26.06	25.26	23.70	24.19	26.13	27.49	34.30	35.70	38.84	53.66	30.05	25.13	22.65
	1.48	1.38	1.39	1.39	1.29	1.50	1.82	2.37	2.63	2.59	2.43	2.38	2.31	2.12	2.18	2.38	2.39	2.56	2.40	2.48	2.42	2.21	2.11	1.73
	-3.87	-2.83	-2.86	-2.50	-3.40	-1.98	-4.99	-4.45	-0.71	-0.40	-0.54	-0.35	-0.54	-0.15	-0.20	-0.62	-0.50	-5.12	-8.25	-9.96	-24.62	-3.03	-0.09	0.00



RAVENSWOOD_GT_5 24254	21.63 1.48 -3.87	20.69 1.38 -2.83	20.08 1.39 -2.86	19.72 1.39 -2.50	20.10 1.29 -3.40	21.37 1.50 -1.98	28.19 1.82 -4.99	32.56 2.37 -4.45	29.95 2.63 -0.71	28.87 2.59 -0.40	27.47 2.43 -0.54	26.06 2.38 -0.35	25.26 2.31 -0.54	23.70 2.12 -0.15	24.19 2.18 -0.20	26.13 2.38 -0.62	27.49 2.39 -0.50	34.30 2.56 -5.12	35.70 2.40 -8.25	38.84 2.48 -9.96	53.66 2.42 -24.62	30.05 2.21 -3.03	25.13 2.11 -0.09	22.65 1.73 0.00
RAVENSWOOD_GT_6 24253	21.63 1.48 -3.87	20.69 1.38 -2.83	20.08 1.39 -2.86	19.72 1.39 -2.50	20.10 1.29 -3.40	21.37 1.50 -1.98	28.19 1.82 -4.99	32.56 2.37 -4.45	29.95 2.63 -0.71	28.87 2.59 -0.40	27.47 2.43 -0.54	26.06 2.38 -0.35	25.26 2.31 -0.54	23.70 2.12 -0.15	24.19 2.18 -0.20	26.13 2.38 -0.62	27.49 2.39 -0.50	34.30 2.56 -5.12	35.70 2.40 -8.25	38.84 2.48 -9.96	53.66 2.42 -24.62	30.05 2.21 -3.03	25.13 2.11 -0.09	22.65 1.73 0.00
RAVENSWOOD_GT_7 24255	21.63 1.48 -3.87	20.69 1.38 -2.83	20.08 1.39 -2.86	19.72 1.39 -2.50	20.10 1.29 -3.40	21.37 1.50 -1.98	28.19 1.82 -4.99	32.56 2.37 -4.45	29.95 2.63 -0.71	28.87 2.59 -0.40	27.47 2.43 -0.54	26.06 2.38 -0.35	25.26 2.31 -0.54	23.70 2.12 -0.15	24.19 2.18 -0.20	26.13 2.38 -0.62	27.49 2.39 -0.50	34.30 2.56 -5.12	35.70 2.40 -8.25	38.84 2.48 -9.96	53.66 2.42 -24.62	30.05 2.21 -3.03	25.13 2.11 -0.09	22.65 1.73 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.63 1.48 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.73 1.41 -2.50	20.11 1.31 -3.40	21.39 1.52 -1.98	28.19 1.82 -4.99	32.59 2.39 -4.45	29.95 2.63 -0.71	28.87 2.59 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.25 2.31 -0.53	23.72 2.14 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.49 2.39 -0.50	34.33 2.58 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.66 2.42 -24.62	30.05 2.21 -3.03	25.13 2.11 -0.08	22.67 1.76 0.00
RAVENSWOOD_GT_9 24257	21.63 1.48 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.73 1.41 -2.50	20.11 1.31 -3.40	21.39 1.52 -1.98	28.19 1.82 -4.99	32.59 2.39 -4.45	29.95 2.63 -0.71	28.87 2.59 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.25 2.31 -0.53	23.72 2.14 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.49 2.39 -0.50	34.33 2.58 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.66 2.42 -24.62	30.05 2.21 -3.03	25.13 2.11 -0.08	22.67 1.76 0.00
RAVENSWOOD___1 23533	21.72 1.56 -3.88	20.78 1.47 -2.83	20.16 1.47 -2.87	19.82 1.49 -2.51	20.20 1.39 -3.41	21.44 1.57 -1.98	28.26 1.88 -4.99	32.67 2.47 -4.45	30.05 2.74 -0.71	28.95 2.67 -0.40	27.59 2.55 -0.54	26.18 2.50 -0.35	25.37 2.42 -0.54	23.83 2.25 -0.15	24.30 2.29 -0.21	26.25 2.50 -0.62	27.61 2.51 -0.50	34.47 2.72 -5.13	35.82 2.53 -8.25	38.97 2.61 -9.96	53.77 2.53 -24.62	30.15 2.31 -3.03	25.25 2.22 -0.09	22.78 1.86 -0.01
RAVENSWOOD___2 23534	21.72 1.56 -3.88	20.78 1.47 -2.83	20.16 1.47 -2.87	19.82 1.49 -2.51	20.20 1.39 -3.41	21.44 1.57 -1.98	28.26 1.88 -4.99	32.67 2.47 -4.45	30.05 2.74 -0.71	28.95 2.67 -0.40	27.57 2.52 -0.54	26.18 2.50 -0.35	25.37 2.42 -0.54	23.83 2.25 -0.15	24.30 2.29 -0.21	26.25 2.50 -0.62	27.61 2.51 -0.50	34.47 2.72 -5.13	35.82 2.53 -8.25	38.97 2.61 -9.96	53.77 2.53 -24.62	30.15 2.31 -3.03	25.25 2.22 -0.09	22.78 1.86 -0.01
RAVENSWOOD___3 23535	21.65 1.50 -3.87	20.71 1.40 -2.83	20.09 1.41 -2.86	19.73 1.41 -2.50	20.11 1.31 -3.40	21.39 1.52 -1.98	28.21 1.84 -4.99	32.59 2.39 -4.45	29.97 2.66 -0.71	28.87 2.59 -0.40	27.49 2.45 -0.54	26.08 2.40 -0.34	25.27 2.33 -0.53	23.72 2.14 -0.15	24.21 2.20 -0.20	26.15 2.41 -0.62	27.52 2.41 -0.50	34.32 2.58 -5.12	35.72 2.43 -8.25	38.87 2.51 -9.96	53.69 2.45 -24.62	30.08 2.23 -3.03	25.13 2.11 -0.08	22.67 1.76 0.00
RAVENSWOOD___4 23820	21.72 1.56 -3.88	20.78 1.47 -2.83	20.16 1.47 -2.87	19.82 1.49 -2.51	20.20 1.39 -3.41	21.44 1.57 -1.98	28.23 1.86 -4.99	32.67 2.47 -4.45	30.05 2.74 -0.71	28.95 2.67 -0.40	27.57 2.52 -0.54	26.18 2.50 -0.35	25.37 2.42 -0.54	23.83 2.25 -0.16	24.30 2.29 -0.21	26.25 2.50 -0.62	27.61 2.51 -0.50	34.47 2.72 -5.13	35.82 2.53 -8.25	38.97 2.61 -9.96	53.77 2.53 -24.62	30.15 2.31 -3.03	25.23 2.20 -0.09	22.78 1.86 -0.01
RCPL_TRUST___DRP 24196	21.75 1.51 -3.96	20.82 1.42 -2.92	20.19 1.42 -2.95	19.83 1.42 -2.58	20.22 1.34 -3.47	21.47 1.54 -2.05	28.34 1.86 -5.09	32.71 2.45 -4.51	30.42 2.69 -1.13	29.13 2.64 -0.61	27.68 2.45 -0.73	26.26 2.43 -0.50	25.43 2.35 -0.67	23.89 2.19 -0.28	24.40 2.27 -0.33	26.35 2.45 -0.77	27.77 2.46 -0.71	36.72 2.64 -7.46	39.93 2.48 -12.41	43.98 2.56 -15.02	64.68 2.48 -35.57	31.66 2.26 -4.59	25.19 2.13 -0.12	22.69 1.78 0.00
RED___ROCHESTER 323720	17.00 0.21 -0.51	17.13 0.28 -0.38	16.42 0.22 -0.38	16.41 0.25 -0.33	16.07 0.22 -0.45	18.49 0.34 -0.26	22.24 0.19 -0.66	25.85 0.57 0.46	25.83 0.21 0.99	25.09 0.16 0.95	23.89 0.15 0.76	22.88 0.00 0.45	22.36 0.22 0.28	21.57 0.15 0.00	21.88 0.15 0.08	22.97 -0.02 0.14	23.92 0.10 0.78	26.12 0.11 0.61	25.51 0.10 -0.36	27.23 0.32 -0.52	28.63 0.32 -1.68	25.17 0.15 -0.21	22.86 -0.09 -0.01	21.18 0.27 0.00
REGAN___SOLAR 323812	23.27 1.61 -5.38	22.04 1.63 -3.94	21.35 1.55 -3.98	20.82 1.52 -3.47	21.68 1.56 -4.72	22.53 1.89 -2.75	30.52 2.20 -6.93	33.81 2.60 -5.47	30.33 2.74 -0.98	28.06 2.33 0.15	26.40 2.11 0.21	25.07 1.87 0.13	24.34 1.79 -0.13	23.04 1.67 0.06	23.44 1.72 0.09	25.08 1.92 -0.03	26.40 2.02 0.22	39.43 2.48 -10.33	48.11 2.48 -20.59	54.18 2.75 -25.04	82.00 2.88 -52.50	35.26 2.66 -7.80	25.35 2.20 -0.21	23.10 2.19 0.00
RENSSELAER___COGEN 23796	21.45 0.57 -4.60	20.45 0.61 -3.37	19.81 0.59 -3.40	19.39 0.60 -2.97	20.01 0.57 -4.04	20.92 0.68 -2.36	28.08 0.77 -5.93	31.37 0.98 -4.65	28.31 1.07 -0.65	26.74 1.06 0.21	25.20 0.98 0.28	24.13 0.98 0.18	23.45 0.99 -0.05	22.26 0.92 0.09	22.63 0.94 0.12	24.03 0.97 0.07	25.26 0.96 0.30	34.85 1.04 -7.18	40.78 0.95 -14.78	45.43 1.03 -18.00	64.49 1.01 -36.86	31.35 0.92 -5.62	23.98 0.89 -0.15	21.58 0.67 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.80 1.64 -4.87	21.74 1.68 -3.59	21.02 1.58 -3.62	20.51 1.52 -3.17	21.25 1.57 -4.28	22.31 1.91 -2.51	30.41 2.76 -6.27	34.14 3.48 -4.92	31.78 3.67 -1.50	29.42 3.62 0.09	27.53 3.21 0.19	26.14 2.89 0.09	25.35 2.80 -0.14	23.97 2.55 0.00	24.39 2.62 0.04	26.07 2.94 -0.01	27.56 3.15 0.19	44.47 3.46 -14.39	56.79 3.18 -28.57	64.56 3.41 -34.76	102.94 3.67 -72.64	38.95 3.32 -10.82	26.00 2.78 -0.29	23.06 2.15 0.00
REVERE_CPPR_DRP 24186	19.01 0.49 -2.24	19.15 0.48 -2.20	18.30 0.38 -2.10	18.14 0.38 -1.94	17.70 0.39 -1.91	19.91 0.50 -1.53	24.08 0.53 -2.16	29.87 0.75 -3.38	30.72 0.82 -3.29	29.80 0.75 -3.17	28.32 0.81 -3.01	26.75 0.56 -2.85	25.67 0.52 -2.74	24.54 0.51 -2.60	24.75 0.50 -2.44	26.30 0.56 -2.62	28.02 0.66 -2.76	29.67 0.88 -2.16	26.57 1.03 -0.51	28.53 1.21 -0.92	28.80 1.28 -0.89	25.95 1.02 -0.12	23.60 0.67 0.00	21.62 0.71 0.00

REYNOLDS_115KV_TB3 80639	21.64 0.72 -4.64	20.65 0.76 -3.42	19.97 0.70 -3.45	19.55 0.71 -3.02	20.17 0.69 -4.07	21.10 0.82 -2.39	28.30 0.94 -5.97	31.60 1.21 -4.65	28.89 1.33 -0.96	27.05 1.29 0.13	25.43 1.18 0.24	24.40 1.19 0.12	23.67 1.17 -0.09	22.50 1.09 0.02	22.88 1.13 0.06	24.25 1.18 0.06	25.55 1.21 0.25	37.05 1.28 -9.15	44.91 1.20 -18.66	50.40 1.27 -22.74	74.23 1.25 -46.35	33.07 1.17 -7.10	24.23 1.10 -0.19	21.77 0.86 0.00
RIVERBAY____ 323610	21.85 1.61 -3.96	20.95 1.55 -2.93	20.37 1.60 -2.95	20.02 1.61 -2.58	20.38 1.49 -3.48	21.56 1.63 -2.05	28.27 1.80 -5.09	32.68 2.42 -4.51	30.37 2.63 -1.13	29.05 2.56 -0.61	27.70 2.47 -0.73	26.21 2.38 -0.50	25.38 2.31 -0.66	23.84 2.14 -0.27	24.33 2.20 -0.32	26.28 2.38 -0.76	27.70 2.39 -0.71	36.63 2.56 -7.45	39.85 2.40 -12.41	43.92 2.51 -15.02	64.60 2.40 -35.58	31.58 2.18 -4.59	25.16 2.11 -0.12	22.78 1.86 -0.01
RIVERSDE_115KV_TB3 55908	21.59 0.63 -4.67	20.58 0.66 -3.44	19.92 0.63 -3.47	19.51 0.65 -3.04	20.13 0.63 -4.10	21.02 0.73 -2.41	28.23 0.83 -6.01	31.52 1.06 -4.72	28.85 1.20 -1.04	26.97 1.16 0.08	25.38 1.05 0.18	24.33 1.07 0.08	23.62 1.08 -0.14	22.44 1.01 0.00	22.82 1.05 0.03	24.20 1.06 -0.01	25.50 1.08 0.18	37.55 1.14 -9.78	45.78 1.08 -19.67	51.48 1.14 -23.95	77.12 1.12 -49.38	33.31 1.04 -7.46	24.12 0.99 -0.20	21.66 0.75 0.00
ROARING____BROOK_WT_PWR 323790	11.58 -0.54 4.16	11.58 -0.69 4.20	11.03 -0.79 4.00	11.17 -0.85 3.80	10.92 -0.85 3.63	13.90 -1.00 2.98	16.24 -1.20 3.94	17.20 -1.39 7.16	17.83 -1.38 7.39	17.42 -1.32 7.15	16.55 -1.18 6.78	15.83 -1.05 6.45	15.29 -0.94 6.18	14.65 -0.88 5.90	15.28 -0.87 5.65	16.20 -0.90 6.03	17.38 -0.86 6.35	21.26 -0.80 4.57	23.97 -0.65 0.41	24.52 -0.66 1.22	25.93 -0.69 0.00	24.07 -0.74 0.00	22.20 -0.73 0.00	20.18 -0.73 0.00
ROCHESRG_115KV_T4 355643	17.18 0.05 -0.85	17.31 0.12 -0.71	16.59 0.06 -0.70	16.55 0.09 -0.63	16.21 0.08 -0.73	18.53 0.14 -0.50	22.12 -0.04 -0.78	26.47 0.23 -0.49	26.59 -0.11 -0.09	25.80 -0.16 -0.07	24.60 -0.05 -0.14	23.37 -0.23 -0.27	22.67 -0.09 -0.34	21.72 -0.15 -0.45	21.99 -0.20 -0.38	23.16 -0.37 -0.40	24.44 -0.25 -0.09	26.96 -0.35 -0.68	26.16 -0.28 -1.39	28.08 -0.11 -1.79	30.68 -0.05 -4.11	25.14 -0.22 -0.55	22.54 -0.41 -0.02	20.91 0.00 0.00
ROCHESTER_9_IC 23652	17.28 0.15 -0.85	17.41 0.21 -0.72	16.69 0.16 -0.71	16.65 0.19 -0.64	16.30 0.15 -0.74	18.64 0.25 -0.50	22.32 0.11 -0.83	26.78 0.41 -0.63	26.93 0.11 -0.22	26.12 0.05 -0.18	24.86 0.12 -0.23	23.61 -0.05 -0.32	22.88 0.09 -0.38	21.90 0.02 -0.45	22.18 -0.02 -0.39	23.36 -0.19 -0.42	24.71 -0.07 -0.18	27.28 -0.16 -0.82	26.45 -0.08 -1.48	28.38 0.11 -1.88	31.06 0.19 -4.25	25.36 -0.02 -0.58	22.70 -0.25 -0.02	21.03 0.13 0.00
ROCKVIEW_13_KV_LD 356306	21.67 1.43 -3.96	20.77 1.37 -2.93	20.15 1.38 -2.95	19.78 1.38 -2.58	20.15 1.28 -3.47	21.41 1.48 -2.05	28.27 1.80 -5.09	32.60 2.34 -4.51	30.31 2.58 -1.13	29.00 2.51 -0.61	27.58 2.35 -0.73	26.15 2.31 -0.50	25.32 2.24 -0.67	23.78 2.08 -0.28	24.27 2.14 -0.33	26.24 2.34 -0.77	27.67 2.36 -0.71	36.61 2.53 -7.46	39.83 2.38 -12.41	43.92 2.51 -15.02	64.65 2.45 -35.58	31.63 2.23 -4.59	25.12 2.06 -0.12	22.62 1.71 0.00
ROME____115KV_TB2 80656	19.01 0.49 -2.24	19.15 0.48 -2.20	18.30 0.38 -2.10	18.14 0.38 -1.94	17.70 0.39 -1.91	19.91 0.50 -1.53	24.08 0.53 -2.16	29.87 0.75 -3.38	30.72 0.82 -3.29	29.80 0.75 -3.17	28.32 0.81 -3.01	26.75 0.56 -2.85	25.67 0.52 -2.74	24.54 0.51 -2.60	24.75 0.50 -2.44	26.30 0.56 -2.62	28.02 0.66 -2.76	29.67 0.88 -2.16	26.57 1.03 -0.51	28.53 1.21 -0.92	28.80 1.28 -0.89	25.95 1.02 -0.12	23.60 0.67 0.00	21.62 0.71 0.00
ROSETON____1 23587	21.35 1.19 -3.88	20.47 1.15 -2.84	19.83 1.14 -2.87	19.47 1.14 -2.50	19.87 1.06 -3.40	21.10 1.23 -1.99	27.85 1.47 -5.00	32.11 1.93 -4.43	29.45 2.15 -0.69	28.33 2.07 -0.37	26.99 1.98 -0.50	25.59 1.94 -0.32	24.78 1.86 -0.51	23.26 1.69 -0.14	23.73 1.75 -0.18	25.63 1.92 -0.58	26.98 1.92 -0.47	33.71 2.05 -5.03	35.21 1.95 -8.21	38.35 2.03 -9.92	52.90 2.00 -24.28	29.67 1.84 -3.02	24.74 1.72 -0.08	22.31 1.40 0.00
ROSETON____2 23588	21.35 1.19 -3.88	20.47 1.15 -2.84	19.83 1.14 -2.87	19.47 1.14 -2.50	19.87 1.06 -3.40	21.10 1.23 -1.99	27.85 1.47 -5.00	32.11 1.93 -4.43	29.45 2.15 -0.69	28.33 2.07 -0.37	26.99 1.98 -0.50	25.59 1.94 -0.32	24.78 1.86 -0.51	23.26 1.69 -0.14	23.73 1.75 -0.18	25.63 1.92 -0.58	26.98 1.92 -0.47	33.71 2.05 -5.03	35.21 1.95 -8.21	38.35 2.03 -9.92	52.90 2.00 -24.28	29.67 1.84 -3.02	24.74 1.72 -0.08	22.31 1.40 0.00
ROTTDAM_115KV_TB3 80664	21.96 0.75 -4.94	20.88 0.77 -3.63	20.21 0.73 -3.67	19.74 0.71 -3.21	20.44 0.71 -4.33	21.27 0.84 -2.54	28.76 1.03 -6.35	32.06 1.29 -5.02	29.68 1.38 -1.70	27.20 1.35 0.03	25.64 1.25 0.11	24.46 1.17 0.04	23.75 1.14 -0.19	22.50 1.05 -0.02	22.89 1.09 0.01	24.39 1.18 -0.08	25.71 1.23 0.12	44.08 1.33 -16.12	57.98 1.28 -31.67	66.29 1.37 -38.52	109.21 1.38 -81.20	38.05 1.27 -11.98	24.40 1.15 -0.32	21.85 0.94 0.00
RUSSELL____1 23602	17.34 0.21 -0.85	17.48 0.28 -0.72	16.75 0.22 -0.71	16.71 0.25 -0.64	16.36 0.22 -0.74	18.73 0.34 -0.50	22.45 0.24 -0.83	26.94 0.57 -0.63	27.09 0.27 -0.22	26.27 0.21 -0.18	24.98 0.25 -0.23	23.75 0.09 -0.32	23.02 0.22 -0.38	22.02 0.15 -0.45	22.33 0.13 -0.39	23.50 -0.05 -0.42	24.86 0.07 -0.18	27.44 0.00 -0.82	26.62 0.10 -1.48	28.57 0.29 -1.88	31.24 0.37 -4.25	25.51 0.12 -0.58	22.82 -0.14 -0.02	21.14 0.23 0.00
RUSSELL____2 23532	17.34 0.21 -0.85	17.48 0.28 -0.72	16.75 0.22 -0.71	16.71 0.25 -0.64	16.36 0.22 -0.74	18.73 0.34 -0.50	22.45 0.24 -0.83	26.94 0.57 -0.63	27.09 0.27 -0.22	26.27 0.21 -0.18	24.98 0.25 -0.23	23.75 0.09 -0.32	23.02 0.22 -0.38	22.02 0.15 -0.45	22.33 0.13 -0.39	23.50 -0.05 -0.42	24.86 0.07 -0.18	27.44 0.00 -0.82	26.62 0.10 -1.48	28.57 0.29 -1.88	31.24 0.37 -4.25	25.51 0.12 -0.58	22.82 -0.14 -0.02	21.14 0.23 0.00
RUSSELL____3 23549	17.34 0.21 -0.85	17.48 0.28 -0.72	16.75 0.22 -0.71	16.71 0.25 -0.64	16.36 0.22 -0.74	18.73 0.34 -0.50	22.45 0.24 -0.83	26.94 0.57 -0.63	27.09 0.27 -0.22	26.27 0.21 -0.18	24.98 0.25 -0.23	23.75 0.09 -0.32	23.02 0.22 -0.38	22.02 0.15 -0.45	22.33 0.13 -0.39	23.50 -0.05 -0.42	24.86 0.07 -0.18	27.44 0.00 -0.82	26.62 0.10 -1.48	28.57 0.29 -1.88	31.24 0.37 -4.25	25.51 0.12 -0.58	22.82 -0.14 -0.02	21.14 0.23 0.00
RUSSELL____4 23556	17.34 0.21 -0.85	17.48 0.28 -0.72	16.75 0.22 -0.71	16.71 0.25 -0.64	16.36 0.22 -0.74	18.73 0.34 -0.50	22.45 0.24 -0.83	26.94 0.57 -0.63	27.09 0.27 -0.22	26.27 0.21 -0.18	24.98 0.25 -0.23	23.75 0.09 -0.32	23.02 0.22 -0.38	22.02 0.15 -0.45	22.33 0.13 -0.39	23.50 -0.05 -0.42	24.86 0.07 -0.18	27.44 0.00 -0.82	26.62 0.10 -1.48	28.57 0.29 -1.88	31.24 0.37 -4.25	25.51 0.12 -0.58	22.82 -0.14 -0.02	21.14 0.23 0.00

RUSSELL___STATION 23914	17.34 0.21 -0.85	17.48 0.28 -0.72	16.75 0.22 -0.71	16.71 0.25 -0.64	16.36 0.22 -0.74	18.73 0.34 -0.50	22.45 0.24 -0.83	26.94 0.57 -0.63	27.09 0.27 -0.22	26.27 0.21 -0.18	24.98 0.25 -0.23	23.75 0.09 -0.32	23.02 0.22 -0.38	22.02 0.15 -0.45	22.33 0.13 -0.39	23.50 -0.05 -0.42	24.86 0.07 -0.18	27.44 0.00 -0.82	26.62 0.10 -1.48	28.57 0.29 -1.88	31.24 0.37 -4.25	25.51 0.12 -0.58	22.82 -0.14 -0.02	21.14 0.23 0.00
S SALMON___HYD 24043	19.42 -0.06 -3.20	19.54 -0.08 -3.15	18.70 -0.13 -3.01	18.54 -0.13 -2.84	18.07 -0.12 -2.80	19.99 -0.12 -2.23	24.38 -0.15 -3.14	30.29 -0.18 -4.72	30.90 -0.29 -4.59	29.96 -0.34 -4.41	28.39 -0.29 -4.18	27.03 -0.28 -3.98	25.95 -0.29 -3.83	24.78 -0.28 -3.64	24.99 -0.31 -3.49	26.49 -0.37 -3.73	28.12 -0.39 -3.92	29.42 -0.32 -3.11	25.64 -0.23 -0.82	27.81 -0.03 -1.44	28.13 0.03 -1.48	24.95 -0.07 -0.21	22.71 -0.23 -0.01	20.76 -0.15 0.00
S.PERRY___115KV_TB1 80734	17.77 0.44 -1.05	17.88 0.54 -0.87	17.13 0.46 -0.85	17.08 0.49 -0.76	16.76 0.45 -0.92	19.13 0.64 -0.60	25.63 0.26 -3.99	35.92 0.33 -9.84	35.72 -0.03 -9.14	33.42 -0.28 -7.82	30.44 -0.42 -6.35	26.98 -0.33 -3.97	25.54 0.25 -2.88	22.11 0.21 -0.47	22.98 0.15 -1.02	24.99 0.12 -1.75	31.33 0.30 -6.44	37.27 0.32 -10.32	33.34 0.63 -7.68	36.15 1.00 -8.75	41.96 1.07 -14.27	27.87 0.79 -2.27	23.35 0.39 -0.02	21.62 0.71 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.72 -0.57 -1.01	16.85 -0.46 -0.83	16.14 -0.51 -0.82	16.08 -0.47 -0.74	15.82 -0.46 -0.88	17.84 -0.63 -0.58	21.09 -0.68 -0.39	23.69 -0.82 1.23	23.78 -1.06 1.76	23.31 -1.04 1.54	22.48 -0.88 1.14	21.80 -1.03 0.51	21.32 -0.92 0.18	20.96 -0.90 -0.43	21.05 -1.00 -0.24	22.12 -1.13 -0.13	22.29 -1.08 1.22	24.32 -1.30 1.00	24.62 -1.10 -0.68	26.50 -0.95 -1.05	29.24 -0.96 -3.57	24.23 -0.99 -0.42	21.72 -1.24 -0.02	20.34 -0.56 0.00
SAWYER___23_KV_LOAD 55526	16.72 -0.57 -1.01	16.85 -0.46 -0.83	16.14 -0.51 -0.82	16.08 -0.47 -0.74	15.82 -0.46 -0.88	17.84 -0.63 -0.58	21.09 -0.68 -0.39	23.69 -0.82 1.23	23.78 -1.06 1.76	23.31 -1.04 1.54	22.48 -0.88 1.14	21.80 -1.03 0.51	21.32 -0.92 0.18	20.96 -0.90 -0.43	21.05 -1.00 -0.24	22.12 -1.13 -0.13	22.29 -1.08 1.22	24.32 -1.30 1.00	24.62 -1.10 -0.68	26.50 -0.95 -1.05	29.24 -0.96 -3.57	24.23 -0.99 -0.42	21.72 -1.24 -0.02	20.34 -0.56 0.00
SELKIRK___I 23801	21.48 0.68 -4.52	20.50 0.72 -3.31	19.84 0.68 -3.34	19.43 0.70 -2.92	20.06 0.69 -3.96	21.00 0.81 -2.31	28.16 0.96 -5.82	31.59 1.21 -4.64	28.48 1.28 -0.59	27.01 1.24 0.12	25.47 1.13 0.16	24.33 1.10 0.10	23.61 1.08 -0.12	22.38 1.01 0.05	22.76 1.03 0.07	24.23 1.06 -0.03	25.51 1.08 0.17	34.08 1.17 -6.28	38.78 1.08 -12.66	42.96 1.16 -15.41	59.80 1.14 -32.03	30.68 1.07 -4.80	24.07 1.01 -0.13	21.72 0.81 0.00
SELKIRK___II 23799	21.47 0.63 -4.56	20.47 0.66 -3.34	19.83 0.63 -3.37	19.40 0.63 -2.94	20.02 0.62 -4.00	20.94 0.72 -2.33	28.09 0.83 -5.87	31.48 1.08 -4.65	28.37 1.17 -0.60	26.87 1.14 0.15	25.35 1.05 0.20	24.26 1.05 0.13	23.54 1.03 -0.10	22.33 0.97 0.06	22.70 0.98 0.09	24.17 1.04 0.00	25.42 1.03 0.22	34.17 1.09 -6.46	39.22 1.05 -13.13	43.49 1.11 -15.98	60.73 1.09 -33.02	30.79 0.99 -4.99	24.03 0.96 -0.13	21.66 0.75 0.00
SENECA OSWGO___HYD 24041	17.42 -0.10 -1.24	17.53 -0.10 -1.16	16.83 -0.11 -1.12	16.75 -0.11 -1.04	16.38 -0.11 -1.08	18.62 -0.09 -0.82	22.57 -0.11 -1.29	27.32 -0.13 -1.70	27.82 -0.18 -1.41	27.00 -0.21 -1.33	25.56 -0.20 -1.26	24.32 -0.21 -1.20	23.35 -0.22 -1.16	22.31 -0.21 -1.09	22.64 -0.22 -1.05	23.99 -0.28 -1.13	25.51 -0.27 -1.18	27.54 -0.27 -1.18	25.51 -0.25 -0.72	27.22 -0.18 -1.01	28.12 -0.19 -1.67	24.83 -0.22 -0.24	22.64 -0.30 -0.01	20.76 -0.15 0.00
SENECA___115KV_TB3 355854	16.75 -0.55 -1.03	16.88 -0.44 -0.84	16.16 -0.49 -0.83	16.11 -0.46 -0.75	15.85 -0.45 -0.89	17.86 -0.61 -0.59	21.21 -0.51 -0.34	23.58 -0.75 1.42	23.84 -0.80 1.96	23.37 -0.80 1.72	22.56 -0.66 1.28	21.97 -0.77 0.59	21.44 -0.74 0.23	21.24 -0.62 -0.43	21.32 -0.72 -0.23	22.37 -0.86 -0.10	22.42 -0.81 1.37	24.39 -1.04 1.19	24.86 -0.78 -0.59	26.75 -0.61 -0.96	29.50 -0.61 -3.49	24.54 -0.67 -0.40	22.02 -0.94 -0.02	20.60 -0.31 0.00
SENECA___ENERGY 23797	16.97 0.15 -0.54	17.05 0.18 -0.40	16.36 0.14 -0.40	16.33 0.16 -0.35	16.03 0.15 -0.47	18.41 0.25 -0.28	22.86 0.36 -1.11	27.89 0.44 -1.70	28.13 0.34 -1.18	27.15 0.31 -0.95	25.53 0.27 -0.76	24.00 0.21 -0.46	22.95 0.20 -0.34	21.67 0.24 0.00	22.08 0.20 -0.08	23.48 0.16 -0.19	25.62 0.25 -0.78	28.64 0.29 -1.72	27.21 0.35 -1.82	29.02 0.50 -2.13	31.08 0.48 -3.97	25.79 0.37 -0.60	23.09 0.14 -0.01	21.22 0.31 0.00
SHOEMAKER___GT 23640	21.08 1.11 -3.69	20.25 1.07 -2.70	19.61 1.06 -2.73	19.27 1.06 -2.38	19.63 0.99 -3.24	20.92 1.15 -1.89	27.57 1.43 -4.75	31.77 1.83 -4.19	29.25 2.00 -0.65	28.17 1.94 -0.35	26.81 1.84 -0.47	25.43 1.80 -0.30	24.59 1.70 -0.48	23.14 1.59 -0.13	23.59 1.61 -0.17	25.48 1.81 -0.55	26.86 1.82 -0.44	33.34 1.92 -4.80	34.69 1.80 -7.85	37.80 1.93 -9.48	51.68 1.89 -23.16	29.46 1.76 -2.89	24.64 1.63 -0.08	22.23 1.32 0.00
SHOEMAKR_138KV_BK 111 55601	21.14 1.11 -3.76	20.32 1.07 -2.78	19.68 1.06 -2.80	19.33 1.06 -2.45	19.70 1.00 -3.29	20.97 1.14 -1.94	27.62 1.41 -4.83	31.85 1.83 -4.27	29.67 2.00 -1.07	28.39 1.94 -0.57	26.96 1.79 -0.67	25.58 1.77 -0.47	24.74 1.70 -0.63	23.28 1.59 -0.27	23.75 1.64 -0.31	25.64 1.80 -0.71	27.10 1.84 -0.65	35.44 1.89 -6.93	38.43 1.80 -11.58	42.35 1.93 -14.03	61.52 1.89 -33.01	30.86 1.76 -4.29	24.68 1.63 -0.11	22.23 1.32 0.00
SHOREHAM_IC_1 23715	22.35 1.79 -4.28	20.97 1.66 -2.84	20.39 1.71 -2.86	20.02 1.69 -2.50	20.25 1.45 -3.40	21.73 1.86 -1.98	29.61 1.97 -6.26	32.64 2.45 -4.45	29.97 2.66 -0.71	28.82 2.54 -0.40	28.13 2.40 -1.23	26.13 2.36 -0.44	26.10 2.26 -1.42	28.28 2.10 -4.75	26.05 2.07 -2.17	28.39 2.29 -2.97	32.26 2.34 -5.32	37.52 2.56 -8.34	43.06 2.38 -15.64	44.51 2.53 -15.58	74.57 2.48 -45.47	36.84 2.16 -9.87	31.27 2.20 -6.14	24.87 1.80 -2.16
SHOREHAM_IC_2 23716	22.35 1.79 -4.28	20.97 1.66 -2.84	20.39 1.71 -2.86	20.02 1.69 -2.50	20.25 1.45 -3.40	21.73 1.86 -1.98	29.61 1.97 -6.26	32.64 2.45 -4.45	29.97 2.66 -0.71	28.82 2.54 -0.40	28.13 2.40 -1.23	26.13 2.36 -0.44	26.10 2.26 -1.42	28.28 2.10 -4.75	26.05 2.07 -2.17	28.39 2.29 -2.97	32.26 2.34 -5.32	37.52 2.56 -8.34	43.06 2.38 -15.64	44.51 2.53 -15.58	74.57 2.48 -45.47	36.84 2.16 -9.87	31.27 2.20 -6.14	24.87 1.80 -2.16
SISSONVILLE___ 23735	-0.77 -0.75 16.30	-0.80 -0.81 16.46	-0.74 -0.82 15.74	-0.58 -0.74 15.65	-0.38 -0.85 14.94	4.59 -1.00 12.29	3.96 -1.22 16.21	-0.74 -0.93 25.56	-0.88 -0.98 26.50	-0.85 -1.14 25.60	-0.78 -1.00 24.28	-0.76 -1.00 23.09	-0.72 -1.01 22.13	-0.68 -0.90 21.20	-0.52 -1.11 21.22	-0.56 -1.06 22.62	-0.60 -1.35 23.84	8.04 -1.46 17.12	22.19 -1.35 1.50	20.43 -1.45 4.51	25.38 -1.41 -0.16	23.54 -1.29 -0.02	21.81 -1.12 0.00	19.84 -1.07 0.00

SITHE_IND_GS1 24169	16.31 -0.24 -0.28	16.45 -0.23 -0.20	15.79 -0.24 -0.20	15.76 -0.24 -0.18	15.41 -0.23 -0.24	17.77 -0.25 -0.14	21.42 -0.32 -0.35	25.61 -0.41 -0.27	26.13 -0.48 0.00	25.42 -0.47 0.00	24.06 -0.44 0.00	22.91 -0.42 0.00	22.02 -0.40 -0.01	21.04 -0.39 0.00	21.39 -0.41 0.00	22.68 -0.46 -0.01	24.13 -0.47 0.00	26.12 -0.51 0.00	24.59 -0.45 0.00	25.95 -0.45 0.00	26.17 -0.45 0.00	24.36 -0.45 0.00	22.45 -0.48 0.00	20.60 -0.31 0.00
SITHE_IND_GS2 24170	16.31 -0.24 -0.28	16.45 -0.23 -0.20	15.79 -0.24 -0.20	15.76 -0.24 -0.18	15.41 -0.23 -0.24	17.77 -0.25 -0.14	21.42 -0.32 -0.35	25.61 -0.41 -0.27	26.13 -0.48 0.00	25.42 -0.47 0.00	24.06 -0.44 0.00	22.91 -0.42 0.00	22.02 -0.40 -0.01	21.04 -0.39 0.00	21.39 -0.41 0.00	22.68 -0.46 -0.01	24.13 -0.47 0.00	26.12 -0.51 0.00	24.59 -0.45 0.00	25.95 -0.45 0.00	26.17 -0.45 0.00	24.36 -0.45 0.00	22.45 -0.48 0.00	20.60 -0.31 0.00
SITHE_IND_GS3 24171	16.31 -0.24 -0.28	16.45 -0.23 -0.20	15.79 -0.24 -0.20	15.76 -0.24 -0.18	15.41 -0.23 -0.24	17.77 -0.25 -0.14	21.42 -0.32 -0.35	25.61 -0.41 -0.27	26.13 -0.48 0.00	25.42 -0.47 0.00	24.06 -0.44 0.00	22.91 -0.42 0.00	22.02 -0.40 -0.01	21.04 -0.39 0.00	21.39 -0.41 0.00	22.68 -0.46 -0.01	24.13 -0.47 0.00	26.12 -0.51 0.00	24.59 -0.45 0.00	25.95 -0.45 0.00	26.17 -0.45 0.00	24.36 -0.45 0.00	22.45 -0.48 0.00	20.60 -0.31 0.00
SITHE_IND_GS4 24172	16.31 -0.24 -0.28	16.45 -0.23 -0.20	15.79 -0.24 -0.20	15.76 -0.24 -0.18	15.41 -0.23 -0.24	17.77 -0.25 -0.14	21.42 -0.32 -0.35	25.61 -0.41 -0.27	26.13 -0.48 0.00	25.42 -0.47 0.00	24.06 -0.44 0.00	22.91 -0.42 0.00	22.02 -0.40 -0.01	21.04 -0.39 0.00	21.39 -0.41 0.00	22.68 -0.46 -0.01	24.13 -0.47 0.00	26.12 -0.51 0.00	24.59 -0.45 0.00	25.95 -0.45 0.00	26.17 -0.45 0.00	24.36 -0.45 0.00	22.45 -0.48 0.00	20.60 -0.31 0.00
SITHE___BATAVIA 24024	16.84 -0.02 -0.58	16.98 0.08 -0.42	16.27 0.02 -0.43	16.28 0.08 -0.37	15.94 0.03 -0.51	18.27 0.09 -0.30	21.45 0.17 0.11	23.72 0.39 2.42	23.73 0.08 2.96	23.20 -0.03 2.66	22.28 -0.10 2.13	21.74 -0.33 1.27	21.46 -0.11 0.84	21.10 -0.32 0.01	21.26 -0.33 0.22	22.16 -0.53 0.43	22.18 -0.25 2.17	23.79 -0.24 2.59	24.16 -0.15 0.73	25.86 0.13 0.67	26.95 0.13 -0.19	24.55 -0.20 0.06	22.47 -0.48 -0.01	21.01 0.11 0.00
SITHE___INDEPEND 23800	16.65 -0.24 -0.61	16.78 -0.23 -0.54	16.11 -0.24 -0.52	16.06 -0.24 -0.48	15.70 -0.23 -0.53	18.01 -0.25 -0.38	21.72 -0.32 -0.65	26.11 -0.41 -0.77	26.67 -0.48 -0.54	25.92 -0.47 -0.50	24.59 -0.39 -0.48	23.37 -0.42 -0.46	22.47 -0.40 -0.46	21.47 -0.39 -0.43	21.80 -0.41 -0.40	23.11 -0.46 -0.45	24.57 -0.47 -0.44	26.75 -0.53 -0.66	25.27 -0.45 -0.68	26.83 -0.45 -0.88	27.99 -0.43 -1.79	24.61 -0.45 -0.25	22.46 -0.48 -0.01	20.57 -0.33 0.00
SITHE___MASSENA 23902	5.39 -0.34 10.55	5.47 -0.36 10.64	5.34 -0.33 10.15	5.62 -0.35 9.86	5.65 -0.34 9.41	9.72 -0.43 7.74	10.63 -0.53 10.23	8.24 -0.54 16.96	8.46 -0.59 17.55	8.35 -0.57 16.97	7.85 -0.56 16.09	7.49 -0.54 15.30	7.23 -0.51 14.67	6.89 -0.51 14.02	7.58 -0.52 13.70	7.96 -0.56 14.61	8.59 -0.61 15.40	14.88 -0.66 11.08	23.41 -0.63 1.00	22.72 -0.71 2.96	25.96 -0.66 0.00	24.21 -0.60 0.00	22.48 -0.46 0.00	20.49 -0.42 0.00
SITHE___OGDNSBRG 24021	1.52 -0.34 14.42	1.55 -0.36 14.56	1.53 -0.38 13.91	1.76 -0.36 13.70	1.94 -0.39 13.07	6.66 -0.46 10.76	6.64 -0.56 14.19	2.81 -0.36 22.57	2.74 -0.45 23.41	2.77 -0.49 22.62	2.61 -0.44 21.45	2.44 -0.49 20.41	2.36 -0.49 19.56	2.23 -0.47 18.72	2.67 -0.57 18.57	2.75 -0.58 19.80	3.07 -0.66 20.87	10.95 -0.69 14.99	23.09 -0.63 1.32	21.75 -0.69 3.96	26.10 -0.64 -0.11	24.23 -0.60 -0.01	22.43 -0.50 0.00	20.43 -0.48 0.00
SITHE___STERLING 23777	18.44 0.44 -1.72	18.58 0.45 -1.66	17.78 0.36 -1.60	17.70 0.38 -1.50	17.27 0.37 -1.50	19.55 0.48 -1.18	23.64 0.53 -1.72	28.74 0.67 -2.32	29.79 0.80 -2.39	28.92 0.72 -2.31	27.33 0.64 -2.19	26.00 0.58 -2.08	24.96 0.54 -2.01	23.87 0.54 -1.90	24.15 0.52 -1.83	25.64 0.55 -1.96	27.32 0.66 -2.05	28.98 0.88 -1.48	26.10 0.93 -0.13	27.87 1.08 -0.39	27.77 1.14 0.00	25.75 0.94 0.00	23.58 0.64 0.00	21.60 0.69 0.00
SLEIGHT__34_KV_TB1 80719	17.82 0.63 -0.91	17.95 0.69 -0.78	17.20 0.62 -0.76	17.14 0.63 -0.69	16.79 0.60 -0.79	19.25 0.82 -0.54	23.38 0.98 -1.01	28.18 1.31 -1.13	28.46 1.14 -0.72	27.70 1.19 -0.62	26.35 1.25 -0.60	24.96 1.05 -0.57	23.93 0.94 -0.58	22.88 0.92 -0.53	23.15 0.85 -0.50	24.52 0.83 -0.56	26.11 0.96 -0.55	28.87 1.04 -1.20	27.64 1.03 -1.57	29.58 1.21 -1.97	32.04 1.25 -4.16	26.40 1.02 -0.58	23.62 0.67 -0.02	21.77 0.86 0.00
SOUTH CAIRO___GT 23612	21.42 0.75 -4.39	20.50 0.81 -3.21	19.83 0.76 -3.25	19.43 0.78 -2.84	20.04 0.79 -3.85	21.05 0.91 -2.25	28.37 1.33 -5.66	32.23 1.91 -4.58	28.95 1.73 -0.62	27.60 1.76 0.05	26.03 1.59 0.07	24.74 1.45 0.04	24.00 1.41 -0.18	22.73 1.33 0.03	23.10 1.33 0.03	24.67 1.43 -0.11	26.06 1.55 0.09	34.19 1.36 -6.21	38.65 1.38 -12.23	42.86 1.58 -14.88	59.76 1.68 -31.45	30.95 1.51 -4.63	24.41 1.35 -0.12	21.98 1.07 0.00
SOUTH HAMPTN___IC 23720	22.56 2.00 -4.28	21.19 1.88 -2.84	20.61 1.93 -2.86	20.22 1.90 -2.50	20.43 1.63 -3.40	21.96 2.09 -1.98	30.04 2.39 -6.26	33.16 2.96 -4.45	30.51 3.19 -0.71	29.36 3.08 -0.40	28.64 2.91 -1.23	26.57 2.80 -0.44	26.52 2.69 -1.42	28.66 2.48 -4.75	26.46 2.48 -2.17	28.83 2.73 -2.97	32.72 2.80 -5.32	38.05 3.09 -8.34	43.54 2.85 -15.64	45.04 3.06 -15.58	75.11 3.01 -45.47	37.31 2.63 -9.87	31.69 2.61 -6.14	25.20 2.13 -2.16
SOUTHDOW__115KV_TB1 355954	16.88 -0.47 -1.07	17.02 -0.33 -0.88	16.28 -0.41 -0.87	16.17 -0.43 -0.78	15.87 -0.46 -0.93	17.76 -0.73 -0.61	21.91 -0.26 -0.78	25.07 -0.49 0.19	25.47 -0.35 0.79	24.78 -0.39 0.71	23.65 -0.37 0.48	22.75 -0.47 0.11	21.95 -0.56 -0.09	21.58 -0.28 -0.43	21.70 -0.41 -0.31	22.94 -0.46 -0.27	23.61 -0.44 0.55	26.03 -0.69 -0.10	26.25 -0.28 -1.49	28.31 -0.05 -1.96	31.60 -0.05 -5.03	25.43 -0.02 -0.65	22.52 -0.44 -0.02	20.97 0.06 0.00
SOUTHOLD_69_KV_BK 2 55809	22.90 2.25 -4.37	21.53 2.13 -2.93	20.94 2.17 -2.95	20.54 2.14 -2.58	20.74 1.86 -3.47	22.29 2.36 -2.05	30.52 2.78 -6.36	33.71 3.45 -4.51	31.43 3.70 -1.13	30.09 3.60 -0.61	29.03 3.11 -1.41	27.15 3.22 -0.60	27.11 3.14 -1.56	29.20 2.89 -4.88	27.07 2.97 -2.30	29.42 3.17 -3.13	33.45 3.32 -5.53	40.96 3.65 -10.68	48.32 3.48 -19.80	50.70 3.67 -20.64	86.71 3.65 -56.43	39.41 3.18 -11.43	32.16 3.05 -6.18	25.56 2.49 -2.16
SOUTHOLD___IC 23719	22.81 2.25 -4.28	21.44 2.13 -2.84	20.85 2.17 -2.86	20.46 2.14 -2.50	20.66 1.86 -3.40	22.23 2.36 -1.98	30.44 2.80 -6.26	33.65 3.45 -4.45	31.01 3.70 -0.71	29.88 3.60 -0.40	29.13 3.40 -1.23	27.02 3.24 -0.44	26.95 3.11 -1.42	29.07 2.89 -4.75	26.87 2.90 -2.17	29.27 3.17 -2.97	33.24 3.32 -5.32	38.61 3.65 -8.34	44.06 3.38 -15.64	45.57 3.59 -15.58	75.64 3.54 -45.47	37.78 3.10 -9.87	32.12 3.05 -6.14	25.54 2.47 -2.16

SPIERFLS_115KV_TB 1 80737	22.09 0.93 -4.88	21.02 0.96 -3.59	20.33 0.89 -3.62	19.80 0.81 -3.17	20.53 0.85 -4.28	21.42 1.02 -2.51	29.14 1.48 -6.28	32.55 1.88 -4.93	30.15 2.02 -1.52	27.74 1.94 0.08	26.01 1.69 0.18	24.86 1.61 0.08	24.10 1.55 -0.15	22.84 1.41 0.00	23.23 1.46 0.03	24.69 1.55 -0.02	26.06 1.65 0.18	43.03 1.84 -14.57	55.65 1.73 -28.88	63.42 1.87 -35.15	102.12 1.97 -73.52	37.54 1.79 -10.94	24.79 1.56 -0.29	22.06 1.15 0.00
ST LAWRENCE____ 23600	6.20 -0.44 9.64	6.29 -0.46 9.72	6.13 -0.43 9.26	6.60 -0.43 8.80	6.59 -0.42 8.40	10.46 -0.52 6.91	11.64 -0.62 9.13	9.54 -0.72 15.49	9.78 -0.77 16.05	9.64 -0.72 15.52	9.07 -0.71 14.72	8.65 -0.68 14.00	8.34 -0.65 13.42	8.00 -0.62 12.80	8.92 -0.61 12.28	9.39 -0.65 13.09	10.11 -0.69 13.80	15.96 -0.75 9.92	23.44 -0.70 0.90	22.93 -0.82 2.65	25.85 -0.77 0.00	24.11 -0.69 0.00	22.41 -0.53 0.00	20.41 -0.50 0.00
STATE_CA_115KV_115_LB 55624	21.62 0.62 -4.72	20.61 0.66 -3.47	19.96 0.63 -3.50	19.54 0.65 -3.07	20.16 0.62 -4.14	21.05 0.73 -2.43	28.29 0.83 -6.07	31.61 1.08 -4.78	28.96 1.20 -1.16	27.00 1.16 0.05	25.44 1.08 0.14	24.35 1.07 0.06	23.65 1.08 -0.16	22.47 1.03 -0.01	22.83 1.05 0.02	24.23 1.06 -0.04	25.53 1.08 0.15	38.62 1.14 -10.85	47.72 1.05 -21.62	53.83 1.11 -26.32	82.46 1.12 -54.71	34.02 1.02 -8.20	24.12 0.96 -0.22	21.66 0.75 0.00
STATE_ST_34_KV_LOAD 55959	17.58 0.31 -0.99	17.66 0.33 -0.85	16.94 0.28 -0.83	16.87 0.30 -0.75	16.54 0.28 -0.86	18.87 0.39 -0.59	23.32 0.75 -1.19	28.15 0.90 -1.51	28.43 0.77 -1.05	27.66 0.85 -0.92	25.97 0.61 -0.85	24.83 0.75 -0.75	23.76 0.63 -0.72	22.66 0.64 -0.59	22.94 0.57 -0.57	24.37 0.58 -0.66	26.06 0.66 -0.80	28.85 0.72 -1.51	27.48 0.73 -1.71	29.40 0.87 -2.13	31.88 0.91 -4.35	26.17 0.74 -0.61	23.43 0.48 -0.02	21.37 0.46 0.00
STATION 5_MISC_HYD 23604	16.94 0.15 -0.51	17.06 0.21 -0.38	16.36 0.16 -0.38	16.34 0.19 -0.33	16.01 0.15 -0.45	18.40 0.25 -0.26	22.13 0.09 -0.66	25.69 0.41 0.46	25.67 0.05 0.99	24.94 0.00 0.95	23.74 0.00 0.76	22.74 -0.14 0.45	22.22 0.09 0.28	21.44 0.02 0.00	21.75 0.02 0.08	22.83 -0.16 0.14	23.75 -0.07 0.77	25.94 -0.08 0.61	25.33 -0.07 -0.36	27.05 0.13 -0.52	28.45 0.13 -1.69	25.00 -0.02 -0.21	22.72 -0.23 -0.01	21.08 0.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.43 0.29 -0.86	17.57 0.36 -0.73	16.84 0.30 -0.72	16.78 0.32 -0.64	16.43 0.28 -0.75	18.82 0.43 -0.51	22.79 0.41 -1.00	27.55 0.67 -1.13	27.80 0.48 -0.72	26.91 0.41 -0.61	25.57 0.49 -0.58	24.17 0.30 -0.53	23.28 0.34 -0.53	22.19 0.30 -0.46	22.51 0.26 -0.44	23.79 0.16 -0.50	25.43 0.30 -0.54	28.17 0.24 -1.31	27.13 0.35 -1.74	29.09 0.53 -2.17	31.80 0.59 -4.58	25.80 0.35 -0.64	23.02 0.07 -0.02	21.29 0.38 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.27 0.15 -0.84	17.40 0.21 -0.71	16.66 0.14 -0.70	16.64 0.19 -0.63	16.29 0.15 -0.73	18.63 0.25 -0.50	22.33 0.11 -0.83	26.83 0.41 -0.67	27.01 0.13 -0.28	26.17 0.05 -0.23	24.92 0.15 -0.27	23.65 -0.02 -0.34	22.90 0.09 -0.40	21.92 0.04 -0.45	22.23 0.02 -0.40	23.39 -0.16 -0.43	24.77 -0.05 -0.22	27.38 -0.11 -0.86	26.48 -0.05 -1.49	28.41 0.13 -1.88	31.03 0.19 -4.21	25.38 0.00 -0.57	22.72 -0.23 -0.02	21.03 0.13 0.00
STA_56____34_KV_BUS2 355983	17.27 0.15 -0.84	17.40 0.21 -0.71	16.66 0.14 -0.70	16.64 0.19 -0.63	16.29 0.15 -0.73	18.63 0.25 -0.50	22.33 0.11 -0.83	26.83 0.41 -0.67	27.01 0.13 -0.28	26.17 0.05 -0.23	24.92 0.15 -0.27	23.65 -0.02 -0.34	22.90 0.09 -0.40	21.92 0.04 -0.45	22.23 0.02 -0.40	23.39 -0.16 -0.43	24.77 -0.05 -0.22	27.38 -0.11 -0.86	26.48 -0.05 -1.49	28.41 0.13 -1.88	31.03 0.19 -4.21	25.38 0.00 -0.57	22.72 -0.23 -0.02	21.03 0.13 0.00
STA_67____115KV_BK2 355882	17.25 0.11 -0.85	17.38 0.18 -0.72	16.65 0.13 -0.71	16.61 0.16 -0.63	16.26 0.12 -0.74	18.60 0.21 -0.50	22.27 0.06 -0.83	26.70 0.33 -0.62	26.84 0.03 -0.21	26.03 -0.03 -0.17	24.78 0.05 -0.23	23.53 -0.12 -0.32	22.81 0.02 -0.38	21.83 -0.04 -0.45	22.11 -0.09 -0.39	23.29 -0.25 -0.42	24.63 -0.15 -0.18	27.22 -0.21 -0.81	26.37 -0.15 -1.47	28.30 0.03 -1.88	30.97 0.11 -4.23	25.28 -0.10 -0.57	22.63 -0.32 -0.02	20.99 0.08 0.00
STA_7____115KV_9TRANS 80674	17.34 0.21 -0.85	17.48 0.28 -0.72	16.75 0.22 -0.71	16.71 0.25 -0.64	16.36 0.22 -0.74	18.73 0.34 -0.50	22.45 0.24 -0.83	26.94 0.57 -0.63	27.09 0.27 -0.22	26.27 0.21 -0.18	24.98 0.25 -0.23	23.75 0.09 -0.32	23.02 0.22 -0.38	22.02 0.15 -0.45	22.33 0.13 -0.39	23.50 -0.05 -0.42	24.86 0.07 -0.18	27.44 0.00 -0.82	26.62 0.10 -1.48	28.57 0.29 -1.88	31.24 0.37 -4.25	25.51 0.12 -0.58	22.82 -0.14 -0.02	21.14 0.23 0.00
STA_82____115KV_TB1 80780	17.26 0.13 -0.86	17.39 0.20 -0.72	16.67 0.14 -0.71	16.63 0.17 -0.64	16.28 0.14 -0.74	18.62 0.23 -0.50	22.32 0.09 -0.85	26.81 0.39 -0.67	26.92 0.05 -0.26	26.10 0.00 -0.22	24.84 0.07 -0.26	23.58 -0.09 -0.34	22.85 0.04 -0.40	21.85 -0.02 -0.45	22.14 -0.07 -0.40	23.33 -0.23 -0.43	24.69 -0.12 -0.21	27.31 -0.19 -0.87	26.43 -0.13 -1.51	28.37 0.05 -1.92	31.06 0.13 -4.30	25.32 -0.07 -0.58	22.66 -0.30 -0.02	21.01 0.10 0.00
STEEL____WIND 323596	16.40 -0.57 -0.69	16.53 -0.44 -0.50	15.82 -0.51 -0.51	15.79 -0.47 -0.44	15.56 -0.45 -0.60	17.63 -0.61 -0.35	19.98 -0.47 0.93	19.52 -0.77 5.46	19.67 -0.88 6.06	19.65 -0.88 5.36	19.38 -0.83 4.29	19.88 -0.89 2.56	19.94 -0.76 1.71	20.77 -0.64 0.02	20.65 -0.72 0.44	21.33 -0.90 0.89	19.38 -0.84 4.38	19.95 -0.96 5.72	21.77 -0.80 2.46	23.25 -0.61 2.54	23.83 -0.64 2.16	23.66 -0.67 0.49	22.03 -0.92 -0.01	20.64 -0.27 0.00
STEPHTWN_115KV_BK_2 55603	21.64 0.73 -4.63	20.66 0.77 -3.41	19.99 0.73 -3.44	19.58 0.74 -3.01	20.19 0.72 -4.06	21.13 0.86 -2.39	28.35 1.01 -5.96	31.73 1.29 -4.69	28.97 1.41 -0.96	27.20 1.37 0.05	25.63 1.27 0.15	24.53 1.26 0.06	23.84 1.28 -0.15	22.66 1.22 -0.01	23.01 1.22 0.02	24.43 1.27 -0.03	25.75 1.30 0.15	36.83 1.38 -8.82	44.02 1.25 -17.72	49.30 1.32 -21.58	72.43 1.33 -44.47	32.78 1.24 -6.73	24.29 1.17 -0.18	21.83 0.92 0.00
STEBEN_REC_LFGE 323667	17.52 0.00 -1.24	17.57 0.10 -1.00	16.84 0.03 -0.99	16.75 0.05 -0.88	16.54 0.06 -1.08	18.71 0.13 -0.70	25.12 0.45 -3.29	33.17 0.31 -7.12	33.19 0.29 -6.29	31.44 0.21 -5.35	29.10 0.22 -4.38	26.29 0.16 -2.79	24.59 0.09 -2.08	22.06 0.17 -0.46	22.71 0.09 -0.82	24.53 0.07 -1.33	29.21 0.20 -4.42	34.40 0.13 -7.65	31.91 0.45 -6.41	34.54 0.71 -7.43	40.34 0.69 -13.02	27.38 0.57 -2.00	23.10 0.14 -0.03	21.35 0.44 0.00
STONY____BROOK 24151	22.46 1.90 -4.28	21.09 1.78 -2.84	20.50 1.82 -2.86	20.11 1.79 -2.50	20.36 1.56 -3.40	21.84 1.97 -1.98	30.06 2.42 -6.26	33.16 2.96 -4.45	30.51 3.19 -0.71	29.36 3.08 -0.40	28.64 2.91 -1.23	26.62 2.85 -0.44	26.57 2.73 -1.42	28.72 2.55 -4.75	26.52 2.55 -2.17	28.87 2.77 -2.97	32.77 2.85 -5.32	38.08 3.11 -8.34	43.59 2.90 -15.64	45.06 3.09 -15.58	75.11 3.01 -45.47	37.36 2.68 -9.87	31.73 2.66 -6.14	25.18 2.11 -2.16

STURGEON_POOL_HYD 23609	21.52 1.20 -4.04	20.59 1.14 -2.98	19.97 1.14 -3.01	19.59 1.14 -2.63	20.01 1.06 -3.54	21.17 1.20 -2.09	27.97 1.39 -5.19	32.36 2.14 -4.48	29.86 2.21 -1.05	28.59 2.25 -0.45	27.25 2.23 -0.52	25.83 2.12 -0.37	25.02 2.06 -0.55	23.49 1.84 -0.22	23.97 1.92 -0.25	25.83 2.10 -0.60	27.27 2.16 -0.51	35.99 2.00 -7.36	39.83 1.93 -12.86	44.05 2.06 -15.59	64.19 2.00 -35.57	31.44 1.84 -4.79	24.74 1.67 -0.13	22.41 1.51 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.32 1.20 -3.84	20.46 1.15 -2.83	19.83 1.15 -2.86	19.48 1.15 -2.50	19.84 1.08 -3.36	21.10 1.23 -1.98	27.81 1.50 -4.93	32.06 1.96 -4.36	29.82 2.13 -1.09	28.53 2.07 -0.58	27.17 1.98 -0.68	25.72 1.91 -0.48	24.91 1.86 -0.64	23.41 1.71 -0.27	23.89 1.77 -0.31	25.80 1.94 -0.73	27.26 1.99 -0.67	35.81 2.05 -7.13	38.92 1.95 -11.93	42.93 2.09 -14.45	62.67 2.02 -34.02	31.11 1.89 -4.42	24.77 1.72 -0.12	22.35 1.44 0.00
SWANROAD_115KV_TB1 355699	16.43 -0.83 -0.98	16.56 -0.72 -0.81	15.86 -0.76 -0.80	15.82 -0.71 -0.71	15.54 -0.71 -0.85	17.55 -0.89 -0.56	21.09 -0.83 -0.54	24.18 -0.93 0.64	24.24 -1.25 1.11	23.64 -1.27 0.97	22.74 -1.08 0.68	21.83 -1.28 0.22	21.31 -1.10 0.01	20.43 -1.44 -0.44	20.55 -1.55 -0.29	21.91 -1.43 -0.22	22.55 -1.30 0.75	24.72 -1.52 0.39	24.61 -1.43 -0.99	26.49 -1.29 -1.38	29.27 -1.25 -3.90	23.62 -1.66 -0.48	21.17 -1.79 -0.02	19.86 -1.05 0.00
SYNERGY___BIOGAS 323694	16.84 -0.02 -0.58	16.98 0.08 -0.42	16.27 0.02 -0.43	16.28 0.08 -0.37	15.94 0.03 -0.51	18.27 0.09 -0.30	21.45 0.17 0.11	23.72 0.39 2.42	23.73 0.08 2.96	23.20 -0.03 2.66	22.28 -0.10 2.13	21.74 -0.33 1.27	21.46 -0.11 0.84	21.10 -0.32 0.01	21.26 -0.33 0.22	22.16 -0.53 0.43	22.18 -0.25 2.17	23.79 -0.24 2.59	24.16 -0.15 0.73	25.86 0.13 0.67	26.95 0.13 -0.19	24.55 -0.20 0.06	22.47 -0.48 -0.01	21.01 0.11 0.00
SYRACUSE___ENERGY_ST1 323597	17.51 0.16 -1.07	17.61 0.18 -0.96	16.89 0.14 -0.93	16.84 0.16 -0.86	16.47 0.14 -0.93	18.78 0.22 -0.68	22.82 0.28 -1.16	27.45 0.31 -1.39	27.84 0.24 -0.99	27.06 0.26 -0.92	25.64 0.27 -0.87	24.39 0.23 -0.83	23.41 0.18 -0.81	22.38 0.19 -0.76	22.71 0.17 -0.73	24.08 0.16 -0.79	25.61 0.20 -0.82	27.86 0.21 -1.03	26.16 0.22 -0.90	27.87 0.29 -1.18	29.13 0.29 -2.21	25.35 0.22 -0.32	23.04 0.09 -0.01	21.12 0.21 0.00
SYRACUSE___ENERGY_ST2 323598	17.51 0.16 -1.07	17.61 0.18 -0.96	16.89 0.14 -0.93	16.84 0.16 -0.86	16.47 0.14 -0.93	18.78 0.22 -0.68	22.82 0.28 -1.16	27.45 0.31 -1.39	27.84 0.24 -0.99	27.06 0.26 -0.92	25.64 0.27 -0.87	24.39 0.23 -0.83	23.41 0.18 -0.81	22.38 0.19 -0.76	22.71 0.17 -0.73	24.08 0.16 -0.79	25.61 0.20 -0.82	27.86 0.21 -1.03	26.16 0.22 -0.90	27.87 0.29 -1.18	29.13 0.29 -2.21	25.35 0.22 -0.32	23.04 0.09 -0.01	21.12 0.21 0.00
SYRACUSE___POWER 24017	17.36 0.11 -0.96	17.45 0.13 -0.84	16.75 0.11 -0.82	16.67 0.11 -0.74	16.34 0.11 -0.83	18.65 0.18 -0.58	22.68 0.21 -1.08	27.30 0.26 -1.30	27.72 0.21 -0.90	26.92 0.23 -0.81	25.56 0.29 -0.76	24.25 0.21 -0.71	23.27 0.16 -0.70	22.24 0.19 -0.63	22.55 0.15 -0.59	23.95 0.16 -0.66	25.48 0.17 -0.70	28.03 0.19 -1.22	26.63 0.23 -1.36	28.41 0.29 -1.72	30.45 0.29 -3.53	25.52 0.22 -0.49	23.02 0.07 -0.01	21.10 0.19 0.00
TALLMAN__138KV_BK151 55660	21.50 1.33 -3.89	20.62 1.27 -2.87	19.98 1.27 -2.90	19.62 1.27 -2.53	20.00 1.19 -3.41	21.25 1.36 -2.01	28.01 1.63 -5.00	32.31 2.14 -4.42	30.08 2.37 -1.11	28.78 2.30 -0.59	27.38 2.18 -0.70	25.94 2.12 -0.49	25.15 2.08 -0.65	23.63 1.93 -0.27	24.11 1.98 -0.32	26.05 2.17 -0.75	27.50 2.21 -0.68	36.19 2.29 -7.27	39.35 2.18 -12.13	43.38 2.30 -14.69	63.54 2.24 -34.68	31.36 2.06 -4.49	24.96 1.90 -0.12	22.50 1.59 0.00
TEALLAVE_115KV_TB7 355573	17.35 0.08 -0.98	17.45 0.10 -0.88	16.74 0.06 -0.85	16.66 0.06 -0.78	16.31 0.06 -0.85	18.62 0.13 -0.61	22.58 0.13 -1.06	27.26 0.18 -1.33	27.70 0.11 -0.99	26.90 0.10 -0.91	25.57 0.20 -0.87	24.27 0.12 -0.82	23.30 0.09 -0.80	22.27 0.11 -0.74	22.57 0.07 -0.69	23.96 0.07 -0.77	25.47 0.07 -0.80	27.81 0.05 -1.13	26.23 0.10 -1.09	27.96 0.16 -1.40	29.58 0.16 -2.79	25.30 0.10 -0.39	22.92 -0.02 -0.01	20.99 0.08 0.00
TELGRAPH_34_KV_EAST 80808	16.84 -0.39 -0.95	16.98 -0.28 -0.79	16.27 -0.33 -0.78	16.22 -0.30 -0.70	15.92 -0.31 -0.82	18.04 -0.39 -0.55	21.64 -0.34 -0.60	25.04 -0.31 0.40	25.15 -0.59 0.86	24.50 -0.62 0.76	23.52 -0.47 0.52	22.48 -0.72 0.13	21.90 -0.58 -0.07	21.07 -0.79 -0.44	21.22 -0.89 -0.31	22.51 -0.88 -0.26	23.26 -0.76 0.58	25.55 -0.91 0.17	25.33 -0.78 -1.07	27.27 -0.58 -1.46	30.02 -0.53 -3.92	24.43 -0.87 -0.49	21.86 -1.10 -0.02	20.45 -0.46 0.00
TEMPLE___115KV_TB 2 55572	17.32 0.08 -0.96	17.43 0.10 -0.86	16.73 0.08 -0.83	16.66 0.08 -0.76	16.31 0.08 -0.83	18.62 0.14 -0.60	22.58 0.15 -1.05	27.25 0.21 -1.30	27.69 0.13 -0.95	26.88 0.13 -0.87	25.55 0.22 -0.83	24.28 0.16 -0.78	23.29 0.11 -0.77	22.26 0.13 -0.70	22.55 0.09 -0.66	23.95 0.09 -0.73	25.46 0.10 -0.76	27.85 0.11 -1.12	26.28 0.13 -1.11	28.01 0.18 -1.43	29.67 0.19 -2.86	25.33 0.12 -0.40	22.95 0.00 -0.01	21.01 0.10 0.00
TIANA____69_KV_BK 1 55817	22.60 1.95 -4.37	21.23 1.83 -2.93	20.64 1.87 -2.95	20.25 1.85 -2.58	20.46 1.59 -3.47	21.95 2.02 -2.05	30.03 2.29 -6.36	33.12 2.86 -4.51	30.79 3.06 -1.13	29.49 3.00 -0.61	28.51 2.60 -1.41	26.66 2.73 -0.60	26.62 2.64 -1.56	28.75 2.44 -4.88	26.61 2.51 -2.30	28.92 2.66 -3.13	32.88 2.76 -5.53	40.32 3.01 -10.68	47.69 2.85 -19.80	50.10 3.06 -20.64	86.04 2.98 -56.43	38.87 2.63 -11.43	31.66 2.55 -6.18	25.12 2.05 -2.16
TILDEN___115KV_TB1 80814	17.36 0.11 -0.96	17.45 0.13 -0.84	16.75 0.11 -0.82	16.67 0.11 -0.74	16.34 0.11 -0.83	18.65 0.18 -0.58	22.68 0.21 -1.08	27.30 0.26 -1.30	27.72 0.21 -0.90	26.92 0.23 -0.81	25.56 0.29 -0.76	24.25 0.21 -0.71	23.27 0.16 -0.70	22.24 0.19 -0.63	22.55 0.15 -0.59	23.95 0.16 -0.66	25.48 0.17 -0.70	28.03 0.19 -1.22	26.63 0.23 -1.36	28.41 0.29 -1.72	30.45 0.29 -3.53	25.52 0.22 -0.49	23.02 0.07 -0.01	21.10 0.19 0.00
TRIGEN___CC 323695	22.34 1.69 -4.37	20.98 1.58 -2.93	20.37 1.60 -2.95	20.00 1.60 -2.58	20.29 1.42 -3.47	21.67 1.73 -2.05	29.88 2.14 -6.36	32.94 2.68 -4.51	30.63 2.90 -1.13	29.34 2.85 -0.61	28.54 2.62 -1.41	26.57 2.64 -0.60	26.53 2.56 -1.56	28.68 2.38 -4.88	26.55 2.44 -2.30	28.89 2.64 -3.13	32.81 2.68 -5.53	40.16 2.85 -10.68	47.52 2.68 -19.80	49.89 2.85 -20.64	85.83 2.77 -56.43	38.79 2.56 -11.43	31.54 2.43 -6.18	25.10 2.03 -2.16
TRINITY__115KV__ 4 BK 55933	21.52 0.59 -4.65	20.53 0.63 -3.43	19.86 0.59 -3.46	19.45 0.60 -3.02	20.07 0.59 -4.08	20.96 0.68 -2.40	28.14 0.77 -5.98	31.47 1.00 -4.72	28.72 1.12 -1.00	26.92 1.09 0.05	25.34 0.98 0.14	24.28 1.00 0.06	23.58 1.01 -0.16	22.38 0.94 -0.01	22.77 0.98 0.02	24.16 0.99 -0.04	25.46 1.01 0.15	36.91 1.06 -9.22	44.51 1.00 -18.47	49.94 1.06 -22.49	74.13 1.04 -46.47	32.76 0.94 -7.01	24.04 0.92 -0.19	21.62 0.71 0.00

UNION___PROCESSING_DRP 323587	17.27 0.13 -0.86	17.41 0.21 -0.72	16.67 0.14 -0.71	16.65 0.19 -0.64	16.28 0.14 -0.74	18.62 0.23 -0.50	22.31 0.09 -0.84	26.79 0.39 -0.66	26.94 0.08 -0.25	26.09 0.00 -0.21	24.83 0.07 -0.26	23.57 -0.09 -0.34	22.85 0.04 -0.39	21.85 -0.02 -0.45	22.16 -0.04 -0.40	23.32 -0.23 -0.43	24.71 -0.10 -0.21	27.29 -0.19 -0.86	26.42 -0.13 -1.51	28.38 0.08 -1.91	31.04 0.13 -4.29	25.34 -0.05 -0.58	22.68 -0.28 -0.02	21.01 0.10 0.00
UPPER HUDSON___HYD 24058	22.02 0.93 -4.81	20.95 0.96 -3.52	20.26 0.89 -3.56	19.74 0.81 -3.11	20.47 0.85 -4.22	21.37 1.02 -2.46	29.08 1.50 -6.20	32.46 1.88 -4.84	29.62 2.02 -1.00	27.59 1.94 0.23	25.93 1.74 0.31	24.74 1.61 0.20	24.00 1.55 -0.04	22.74 1.41 0.10	23.12 1.44 0.13	24.59 1.55 0.09	25.92 1.65 0.33	39.27 1.84 -10.81	48.63 1.73 -21.87	54.88 1.87 -26.61	83.78 1.97 -55.19	34.90 1.79 -8.30	24.72 1.56 -0.22	22.04 1.13 0.00
UPPER RAQUET___HYD 24056	0.10 -0.75 15.43	0.10 -0.81 15.57	0.10 -0.82 14.90	0.10 -0.74 14.98	0.25 -0.85 14.31	5.12 -1.00 11.76	4.63 -1.22 15.54	0.10 -0.93 24.72	0.10 -0.98 25.52	0.10 -1.14 24.65	0.10 -1.03 23.37	0.10 -1.00 22.23	0.10 -1.01 21.30	0.10 -0.90 20.43	0.10 -1.11 20.59	0.10 -1.06 21.96	0.10 -1.35 23.15	8.51 -1.46 16.65	22.15 -1.38 1.51	20.49 -1.45 4.45	25.24 -1.39 0.00	23.52 -1.29 0.00	21.79 -1.15 0.00	19.84 -1.07 0.00
VALLEY44_115KV_TB2 355964	16.70 -0.68 -1.10	16.80 -0.58 -0.90	16.09 -0.62 -0.89	16.01 -0.60 -0.79	15.79 -0.57 -0.96	17.79 -0.72 -0.63	22.22 -0.09 -0.92	25.05 -0.85 -0.15	25.86 -0.27 0.48	25.18 -0.26 0.45	23.94 -0.29 0.27	23.23 -0.12 -0.01	22.19 -0.40 -0.18	21.84 -0.02 -0.43	22.03 -0.11 -0.33	23.28 -0.16 -0.32	24.05 -0.22 0.33	26.43 -0.67 -0.47	26.70 -0.13 -1.78	28.80 0.11 -2.30	32.19 -0.03 -5.59	25.65 0.10 -0.74	22.66 -0.30 -0.03	21.08 0.17 0.00
VALLEY___115KV_TB 1-4 80826	16.40 -0.05 -0.17	16.59 -0.05 -0.16	15.95 -0.03 -0.16	15.97 0.00 -0.14	15.55 0.00 -0.15	18.03 0.04 -0.11	21.51 -0.04 -0.17	25.99 0.00 -0.25	26.89 0.08 -0.21	26.17 0.08 -0.21	24.92 0.22 -0.20	23.62 0.09 -0.19	22.67 0.07 -0.19	21.66 0.06 -0.17	22.03 0.07 -0.16	23.42 0.12 -0.18	24.91 0.12 -0.18	26.83 0.19 -0.02	25.03 0.20 0.21	26.40 0.24 0.23	26.26 0.21 0.58	24.92 0.20 0.08	23.07 0.14 0.00	21.10 0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.35 0.90 -2.18	19.00 0.89 -1.64	18.30 0.84 -1.64	18.10 0.84 -1.44	18.12 0.82 -1.90	20.01 0.98 -1.14	25.55 1.37 -2.80	29.90 1.65 -2.51	29.24 1.78 -0.86	28.06 1.76 -0.42	26.38 1.49 -0.39	25.14 1.49 -0.32	24.16 1.37 -0.38	23.00 1.35 -0.22	23.38 1.35 -0.22	24.93 1.46 -0.35	26.47 1.50 -0.37	32.75 1.65 -4.48	34.65 1.60 -8.01	37.90 1.77 -9.74	49.37 1.78 -20.96	29.39 1.59 -3.00	24.35 1.33 -0.08	21.98 1.07 0.00
VISCHER___FERRY HYD 24020	21.76 0.78 -4.70	20.74 0.82 -3.44	20.06 0.76 -3.48	19.62 0.76 -3.04	20.30 0.77 -4.12	21.19 0.89 -2.41	28.53 1.09 -6.05	31.81 1.39 -4.67	28.93 1.52 -0.81	27.03 1.45 0.31	25.43 1.35 0.42	24.37 1.31 0.26	23.64 1.25 0.03	22.46 1.16 0.13	22.81 1.18 0.17	24.21 1.27 0.19	25.50 1.33 0.43	37.27 1.44 -9.20	45.49 1.35 -19.10	51.10 1.45 -23.26	75.39 1.44 -47.33	33.42 1.34 -7.27	24.39 1.26 -0.20	21.87 0.96 0.00
V_A_10_SYNC_DSASP 323832	16.54 -0.31 -0.57	16.68 -0.21 -0.42	15.98 -0.27 -0.42	15.97 -0.22 -0.37	15.69 -0.22 -0.50	17.89 -0.29 -0.29	20.62 -0.62 0.15	22.79 -0.41 2.54	22.57 -0.93 3.10	22.17 -0.93 2.78	21.39 -0.88 2.23	20.95 -1.05 1.33	20.80 -0.74 0.87	20.60 -0.81 0.01	20.71 -0.87 0.23	21.64 -1.04 0.45	21.36 -0.96 2.28	22.87 -1.01 2.75	23.15 -1.05 0.84	24.71 -0.90 0.79	25.71 -0.93 -0.01	23.78 -0.94 0.09	21.87 -1.08 -0.01	20.43 -0.48 0.00
V_CMM_10_SYNC_DSASP 323787	6.27 -0.37 9.64	6.36 -0.40 9.72	6.20 -0.36 9.26	6.64 -0.38 8.80	6.65 -0.35 8.40	10.53 -0.45 6.91	11.70 -0.56 9.13	9.62 -0.64 15.49	9.89 -0.66 16.05	9.71 -0.65 15.52	9.17 -0.61 14.72	8.75 -0.58 14.00	8.43 -0.56 13.42	8.06 -0.56 12.80	8.99 -0.54 12.28	9.46 -0.58 13.09	10.19 -0.61 13.80	16.04 -0.66 9.92	23.52 -0.63 0.90	23.03 -0.71 2.65	25.93 -0.69 0.00	24.21 -0.60 0.00	22.48 -0.46 0.00	20.49 -0.42 0.00
V_CMP_10_SYNC_DSASP 323788	-0.52 -0.96 15.84	-0.52 -1.01 15.99	0.05 -0.97 14.81	5.66 -0.95 9.21	5.83 -0.77 8.80	9.93 -0.72 7.23	11.10 -0.73 9.56	0.12 -1.39 24.24	-0.53 -1.25 25.88	-0.62 -1.27 25.23	-0.61 -1.22 23.89	-0.63 -1.19 22.77	-0.58 -1.14 21.85	0.10 -1.16 20.17	7.89 -1.00 12.91	8.25 -1.11 13.77	9.15 -0.93 14.51	15.39 -0.80 10.44	23.64 -0.45 0.95	23.29 -0.32 2.79	26.41 -0.21 0.00	25.21 0.40 0.00	23.39 0.46 0.00	21.18 0.27 0.00
V_E_10_SYNC_DSASP 323830	18.86 1.34 -1.25	18.74 1.35 -0.91	17.84 1.09 -0.92	17.74 1.11 -0.81	17.65 1.16 -1.10	20.01 1.48 -0.64	25.19 1.88 -1.92	30.14 2.24 -2.16	29.90 2.24 -1.06	28.73 2.07 -0.78	26.86 1.74 -0.62	25.15 1.45 -0.37	23.91 1.19 -0.31	22.58 1.13 -0.02	23.00 1.11 -0.09	24.57 1.20 -0.24	26.72 1.43 -0.70	31.34 1.92 -2.80	31.13 2.13 -3.96	33.72 2.59 -4.74	39.44 2.72 -10.10	28.44 2.21 -1.42	24.55 1.58 -0.03	22.50 1.59 0.00
V_F_30_NSYNC___DSASP 323816	22.05 0.98 -4.80	20.99 1.01 -3.51	20.30 0.93 -3.55	19.84 0.92 -3.10	20.54 0.92 -4.21	21.45 1.11 -2.46	29.02 1.45 -6.18	32.36 1.80 -4.81	29.52 1.94 -0.97	27.50 1.86 0.24	25.86 1.69 0.33	24.73 1.61 0.21	23.99 1.55 -0.03	22.76 1.44 0.10	23.13 1.46 0.13	24.57 1.55 0.11	25.91 1.65 0.34	39.04 1.81 -10.61	48.27 1.70 -21.52	54.41 1.82 -26.20	82.68 1.86 -54.19	34.72 1.74 -8.17	24.72 1.56 -0.22	22.12 1.21 0.00
V_F_30_SYNC_DSASP 323786	21.57 0.62 -4.67	20.56 0.66 -3.42	19.91 0.63 -3.46	19.49 0.65 -3.02	20.12 0.62 -4.10	21.01 0.73 -2.39	28.24 0.83 -6.02	31.55 1.08 -4.72	28.53 1.17 -0.76	26.84 1.17 0.21	25.30 1.08 0.28	24.23 1.07 0.18	23.55 1.08 -0.06	22.37 1.03 0.09	22.72 1.03 0.11	24.13 1.06 0.07	25.37 1.06 0.29	36.10 1.14 -8.33	43.07 1.05 -16.98	48.18 1.11 -20.67	70.37 1.12 -42.63	32.28 1.02 -6.45	24.07 0.96 -0.17	21.66 0.75 0.00
V_XM_10_SYNC_DSASP 323789	-0.52 -0.96 15.84	-0.52 -1.01 15.99	0.05 -0.97 14.81	5.66 -0.95 9.21	5.83 -0.77 8.80	9.93 -0.72 7.23	11.10 -0.73 9.56	0.12 -1.39 24.24	-0.53 -1.25 25.88	-0.62 -1.27 25.23	-0.61 -1.22 23.89	-0.63 -1.19 22.77	-0.58 -1.14 21.85	0.10 -1.16 20.17	7.89 -1.00 12.91	8.25 -1.11 13.77	9.15 -0.93 14.51	15.39 -0.80 10.44	23.64 -0.45 0.95	23.29 -0.32 2.79	26.41 -0.21 0.00	25.21 0.40 0.00	23.39 0.46 0.00	21.18 0.27 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.54 1.37 -3.89	20.65 1.30 -2.88	20.02 1.30 -2.90	19.66 1.30 -2.54	20.03 1.22 -3.41	21.31 1.41 -2.01	28.08 1.69 -5.01	32.39 2.21 -4.43	30.16 2.45 -1.11	28.86 2.38 -0.59	27.46 2.25 -0.70	26.02 2.19 -0.49	25.19 2.13 -0.65	23.67 1.97 -0.27	24.18 2.05 -0.32	26.12 2.24 -0.75	27.55 2.26 -0.69	36.29 2.37 -7.29	39.46 2.25 -12.16	43.50 2.38 -14.73	63.72 2.32 -34.78	31.44 2.13 -4.50	25.03 1.97 -0.12	22.54 1.63 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.75 1.51 -3.96	20.82 1.42 -2.92	20.19 1.42 -2.95	19.83 1.42 -2.58	20.22 1.34 -3.47	21.47 1.54 -2.05	28.34 1.86 -5.09	32.71 2.45 -4.51	30.42 2.69 -1.13	29.13 2.64 -0.61	27.68 2.45 -0.73	26.26 2.43 -0.50	25.43 2.35 -0.67	23.89 2.19 -0.28	24.40 2.27 -0.33	26.35 2.45 -0.77	27.77 2.46 -0.71	36.72 2.64 -7.46	39.93 2.48 -12.41	43.98 2.56 -15.02	64.68 2.48 -35.57	31.66 2.26 -4.59	25.19 2.13 -0.12	22.71 1.80 0.00
W50THST__13_KV_LOAD 356117	21.84 1.60 -3.96	20.88 1.48 -2.92	20.26 1.49 -2.95	19.89 1.49 -2.58	20.26 1.39 -3.47	21.52 1.59 -2.05	28.42 1.95 -5.09	32.81 2.55 -4.51	30.55 2.82 -1.13	29.23 2.74 -0.61	27.80 2.57 -0.73	26.36 2.52 -0.50	25.55 2.47 -0.67	24.00 2.29 -0.28	24.51 2.38 -0.33	26.47 2.57 -0.77	27.87 2.56 -0.71	36.85 2.77 -7.46	40.03 2.58 -12.41	44.08 2.67 -15.02	64.78 2.58 -35.57	31.73 2.33 -4.59	25.28 2.22 -0.12	22.77 1.86 0.00
WADING RIVER_IC_1 23522	22.34 1.77 -4.28	20.96 1.65 -2.84	20.38 1.69 -2.86	20.00 1.68 -2.50	20.23 1.43 -3.40	21.71 1.84 -1.98	29.59 1.95 -6.26	32.62 2.42 -4.45	29.95 2.63 -0.71	28.82 2.54 -0.40	28.13 2.40 -1.23	26.13 2.36 -0.44	26.10 2.26 -1.42	28.25 2.08 -4.75	26.05 2.07 -2.17	28.39 2.29 -2.97	32.26 2.34 -5.32	37.52 2.56 -8.34	43.04 2.35 -15.64	44.51 2.53 -15.58	74.55 2.45 -45.47	36.84 2.16 -9.87	31.25 2.18 -6.14	24.85 1.78 -2.16
WADING RIVER_IC_2 23547	22.34 1.77 -4.28	20.96 1.65 -2.84	20.38 1.69 -2.86	20.00 1.68 -2.50	20.23 1.43 -3.40	21.71 1.84 -1.98	29.59 1.95 -6.26	32.62 2.42 -4.45	29.95 2.63 -0.71	28.82 2.54 -0.40	28.13 2.40 -1.23	26.13 2.36 -0.44	26.10 2.26 -1.42	28.25 2.08 -4.75	26.05 2.07 -2.17	28.39 2.29 -2.97	32.26 2.34 -5.32	37.52 2.56 -8.34	43.04 2.35 -15.64	44.51 2.53 -15.58	74.55 2.45 -45.47	36.84 2.16 -9.87	31.25 2.18 -6.14	24.85 1.78 -2.16
WADING RIVER_IC_3 23601	22.34 1.77 -4.28	20.96 1.65 -2.84	20.38 1.69 -2.86	20.00 1.68 -2.50	20.23 1.43 -3.40	21.71 1.84 -1.98	29.59 1.95 -6.26	32.62 2.42 -4.45	29.95 2.63 -0.71	28.82 2.54 -0.40	28.13 2.40 -1.23	26.13 2.36 -0.44	26.10 2.26 -1.42	28.25 2.08 -4.75	26.05 2.07 -2.17	28.39 2.29 -2.97	32.26 2.34 -5.32	37.52 2.56 -8.34	43.04 2.35 -15.64	44.51 2.53 -15.58	74.55 2.45 -45.47	36.84 2.16 -9.87	31.25 2.18 -6.14	24.85 1.78 -2.16
WALDENNY_12_KV_BK2 80841	16.73 -0.57 -1.02	16.87 -0.44 -0.84	16.14 -0.51 -0.83	16.10 -0.46 -0.74	15.84 -0.45 -0.89	17.84 -0.63 -0.59	21.24 -0.51 -0.36	23.69 -0.72 1.33	23.91 -0.82 1.87	23.45 -0.80 1.63	22.65 -0.64 1.22	22.01 -0.77 0.55	21.47 -0.74 0.21	21.19 -0.66 -0.43	21.26 -0.79 -0.24	22.36 -0.88 -0.11	22.49 -0.81 1.30	24.48 -1.04 1.10	24.88 -0.80 -0.64	26.77 -0.63 -1.01	29.52 -0.64 -3.54	24.47 -0.74 -0.41	21.95 -1.01 -0.02	20.53 -0.38 0.00
WALDEN__HYDRO 24148	21.39 1.29 -3.82	20.51 1.24 -2.80	19.88 1.23 -2.83	19.52 1.23 -2.47	19.91 1.16 -3.35	21.17 1.32 -1.96	27.93 1.62 -4.92	32.19 2.11 -4.33	29.55 2.29 -0.66	28.42 2.20 -0.33	27.08 2.13 -0.45	25.69 2.08 -0.29	24.83 1.95 -0.47	23.35 1.80 -0.12	23.80 1.83 -0.16	25.72 2.06 -0.54	27.13 2.12 -0.42	33.76 2.21 -4.93	35.36 2.15 -8.16	38.59 2.32 -9.87	52.77 2.29 -23.86	29.93 2.11 -3.01	24.92 1.90 -0.08	22.48 1.57 0.00
WARRENSBURG____ 23737	22.02 0.93 -4.81	20.95 0.96 -3.52	20.26 0.89 -3.56	19.74 0.81 -3.11	20.47 0.85 -4.22	21.37 1.02 -2.46	29.08 1.50 -6.20	32.46 1.88 -4.84	29.62 2.02 -1.00	27.59 1.94 0.23	25.93 1.74 0.31	24.74 1.61 0.20	24.00 1.55 -0.04	22.74 1.41 0.10	23.12 1.44 0.13	24.59 1.55 0.09	25.92 1.65 0.33	39.27 1.84 -10.81	48.63 1.73 -21.87	54.88 1.87 -26.61	83.78 1.97 -55.19	34.90 1.79 -8.30	24.72 1.56 -0.22	22.04 1.13 0.00
WATERSIDE____6 8 9 23538	21.80 1.56 -3.96	20.87 1.47 -2.93	20.24 1.47 -2.95	19.89 1.49 -2.58	20.27 1.39 -3.48	21.50 1.57 -2.05	28.34 1.86 -5.09	32.73 2.47 -4.51	30.45 2.71 -1.13	29.16 2.67 -0.61	27.73 2.50 -0.73	26.32 2.47 -0.51	25.51 2.42 -0.68	23.96 2.25 -0.28	24.45 2.31 -0.34	26.41 2.50 -0.78	27.82 2.51 -0.71	36.78 2.69 -7.47	39.98 2.53 -12.41	44.03 2.61 -15.02	64.73 2.53 -35.58	31.71 2.31 -4.59	25.27 2.20 -0.13	22.78 1.86 -0.01
WATKINRD_115KV_LN8_ILLION 55919	16.52 0.07 -0.17	16.71 0.07 -0.16	16.04 0.06 -0.16	16.05 0.08 -0.14	15.63 0.08 -0.15	18.11 0.11 -0.11	21.62 0.06 -0.17	26.10 0.10 -0.25	26.97 0.16 -0.21	26.25 0.16 -0.21	24.92 0.22 -0.20	23.66 0.14 -0.19	22.73 0.13 -0.19	21.73 0.13 -0.17	22.10 0.13 -0.16	23.47 0.16 -0.18	24.96 0.17 -0.18	26.86 0.21 -0.02	25.06 0.23 0.21	26.43 0.26 0.23	26.32 0.27 0.58	24.97 0.25 0.08	23.09 0.16 0.00	21.12 0.21 0.00
WATSON____69_KV_BK 1 55734	22.65 2.00 -4.37	21.28 1.88 -2.93	20.67 1.90 -2.95	20.29 1.88 -2.58	20.52 1.65 -3.47	22.00 2.07 -2.05	30.27 2.52 -6.36	33.38 3.12 -4.51	31.06 3.33 -1.13	29.70 3.21 -0.61	28.78 2.87 -1.41	26.85 2.92 -0.60	26.80 2.82 -1.56	28.94 2.64 -4.88	26.81 2.70 -2.30	29.15 2.89 -3.13	33.10 2.98 -5.53	40.53 3.22 -10.68	47.92 3.08 -19.80	50.33 3.30 -20.64	86.28 3.22 -56.43	39.14 2.90 -11.43	31.91 2.80 -6.18	25.39 2.32 -2.16
WDELAWARE__HYD 323627	21.38 1.42 -3.69	20.52 1.35 -2.70	19.89 1.34 -2.72	19.53 1.33 -2.38	19.88 1.25 -3.23	21.20 1.43 -1.89	27.80 1.67 -4.75	32.01 2.16 -4.10	29.60 2.40 -0.61	28.42 2.28 -0.26	27.10 2.25 -0.35	25.68 2.12 -0.22	24.81 1.99 -0.40	23.34 1.82 -0.09	23.79 1.85 -0.13	25.66 2.08 -0.45	27.09 2.17 -0.32	33.68 2.32 -4.74	35.37 2.23 -8.10	38.62 2.43 -9.80	52.15 2.40 -23.12	30.00 2.18 -3.00	24.94 1.93 -0.08	22.64 1.73 0.00
WEST BABYLON__IC 23714	22.59 1.94 -4.37	21.23 1.83 -2.93	20.62 1.85 -2.95	20.24 1.84 -2.58	20.49 1.62 -3.47	21.95 2.02 -2.05	30.20 2.46 -6.36	33.32 3.06 -4.51	31.01 3.27 -1.13	29.65 3.16 -0.61	28.76 2.84 -1.41	26.83 2.89 -0.60	26.77 2.80 -1.56	28.92 2.61 -4.88	26.79 2.68 -2.30	29.15 2.89 -3.13	33.08 2.95 -5.53	40.45 3.14 -10.68	47.82 2.98 -19.80	50.23 3.19 -20.64	86.17 3.12 -56.43	39.07 2.83 -11.43	31.89 2.78 -6.18	25.37 2.30 -2.16
WEST CANADA__HYD 24049	16.43 0.08 -0.07	16.59 0.07 -0.05	15.94 0.06 -0.05	15.93 0.06 -0.04	15.53 0.06 -0.06	17.99 0.07 -0.04	21.54 0.06 -0.09	25.93 0.10 -0.08	26.74 0.13 0.00	26.01 0.13 0.00	24.63 0.12 0.00	23.45 0.12 0.00	22.53 0.11 0.00	21.53 0.11 0.00	21.92 0.11 0.00	23.25 0.12 0.00	24.72 0.12 0.00	26.79 0.16 0.00	25.19 0.15 0.00	26.58 0.19 0.00	26.81 0.19 0.00	24.96 0.15 0.00	23.05 0.12 0.00	20.99 0.08 0.00
WESTERN_NY_WIND 24143	16.82 -0.05 -0.59	16.97 0.07 -0.43	16.24 -0.02 -0.43	16.25 0.05 -0.38	15.92 0.00 -0.51	18.24 0.05 -0.30	21.35 0.13 0.17	23.47 0.33 2.61	23.48 0.03 3.15	22.98 -0.08 2.82	22.10 -0.15 2.26	21.61 -0.37 1.35	21.36 -0.16 0.89	21.05 -0.36 0.01	21.18 -0.39 0.23	22.07 -0.60 0.46	22.00 -0.29 2.31	23.55 -0.29 2.79	24.00 -0.20 0.84	25.69 0.08 0.78	26.74 0.08 -0.04	24.47 -0.25 0.09	22.42 -0.53 -0.01	20.97 0.06 0.00



WESTOVER___LESR 323668	18.27 0.36 -1.64	18.13 0.38 -1.28	17.43 0.33 -1.27	17.30 0.35 -1.13	17.15 0.32 -1.43	19.21 0.43 -0.89	24.10 0.62 -2.09	28.52 0.62 -2.16	28.32 0.72 -1.00	27.30 0.67 -0.74	25.84 0.66 -0.68	24.48 0.58 -0.56	23.48 0.49 -0.57	22.35 0.54 -0.39	22.72 0.52 -0.39	24.20 0.56 -0.52	25.86 0.61 -0.65	30.05 0.59 -2.84	30.11 0.68 -4.39	32.57 0.82 -5.36	38.94 0.77 -11.54	27.15 0.72 -1.62	23.46 0.48 -0.04	21.47 0.56 0.00
WETHRSFD_WT_PWR 323626	16.49 -0.55 -0.77	16.59 -0.44 -0.56	15.90 -0.49 -0.57	15.87 -0.44 -0.49	15.66 -0.42 -0.67	17.74 -0.54 -0.39	15.92 -0.41 5.06	6.68 -0.67 18.39	6.90 -0.80 18.91	8.68 -0.83 16.37	10.55 -0.83 13.12	14.66 -0.84 7.83	16.43 -0.69 5.29	20.76 -0.62 0.05	19.81 -0.65 1.34	19.53 -0.81 2.79	10.46 -0.74 13.40	6.94 -0.77 18.91	13.96 -0.63 10.46	14.68 -0.42 11.30	12.09 -0.45 14.08	21.72 -0.52 2.57	22.17 -0.78 -0.02	20.64 -0.27 0.00
WHAVSTOR_138KV_BK127 55557	21.50 1.32 -3.90	20.61 1.25 -2.88	19.97 1.25 -2.90	19.61 1.25 -2.54	19.99 1.17 -3.42	21.26 1.36 -2.01	28.02 1.63 -5.01	32.29 2.11 -4.44	30.05 2.34 -1.11	28.75 2.28 -0.59	27.36 2.16 -0.70	25.92 2.10 -0.49	25.13 2.06 -0.65	23.58 1.89 -0.27	24.09 1.96 -0.32	26.01 2.13 -0.75	27.45 2.16 -0.69	36.18 2.26 -7.29	39.33 2.13 -12.16	43.37 2.24 -14.73	63.59 2.18 -34.78	31.34 2.03 -4.50	24.94 1.88 -0.12	22.46 1.55 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.50 1.32 -3.90	20.61 1.25 -2.88	19.97 1.25 -2.90	19.61 1.25 -2.54	19.99 1.17 -3.42	21.26 1.36 -2.01	28.02 1.63 -5.01	32.29 2.11 -4.44	30.05 2.34 -1.11	28.75 2.28 -0.59	27.36 2.16 -0.70	25.92 2.10 -0.49	25.13 2.06 -0.65	23.58 1.89 -0.27	24.09 1.96 -0.32	26.01 2.13 -0.75	27.45 2.16 -0.69	36.18 2.26 -7.29	39.33 2.13 -12.16	43.37 2.24 -14.73	63.59 2.18 -34.78	31.34 2.03 -4.50	24.94 1.88 -0.12	22.46 1.55 0.00
WHITEHAL_115KV_TB1 80871	22.39 1.24 -4.87	21.33 1.27 -3.59	20.63 1.19 -3.62	20.11 1.12 -3.17	20.83 1.16 -4.28	21.81 1.41 -2.51	29.79 2.14 -6.27	33.34 2.68 -4.92	30.92 2.82 -1.50	28.54 2.74 0.09	26.62 2.30 0.19	25.49 2.24 0.09	24.70 2.15 -0.14	23.40 1.97 0.00	23.77 2.01 0.04	25.36 2.22 -0.01	26.77 2.36 0.19	43.65 2.64 -14.39	56.06 2.45 -28.57	63.82 2.67 -34.76	102.09 2.82 -72.64	38.21 2.58 -10.82	25.43 2.20 -0.29	22.50 1.59 0.00
WHITEPLN_13_KV_LOAD 356215	21.72 1.48 -3.96	20.83 1.43 -2.92	20.19 1.42 -2.94	19.82 1.42 -2.58	20.20 1.32 -3.47	21.47 1.54 -2.04	28.26 1.80 -5.08	32.60 2.34 -4.51	30.31 2.58 -1.13	29.00 2.51 -0.61	27.65 2.43 -0.73	26.15 2.31 -0.50	25.32 2.24 -0.67	23.78 2.08 -0.28	24.27 2.14 -0.33	26.24 2.34 -0.77	27.67 2.36 -0.71	36.60 2.53 -7.45	39.83 2.40 -12.39	43.90 2.51 -15.00	64.59 2.45 -35.52	31.65 2.26 -4.58	25.12 2.06 -0.12	22.67 1.76 0.00
WM_FLOYD_69_KV_BK2 356380	22.50 1.86 -4.37	21.13 1.73 -2.93	20.54 1.77 -2.95	20.16 1.76 -2.58	20.39 1.51 -3.47	21.84 1.91 -2.05	29.90 2.16 -6.36	32.96 2.70 -4.51	30.63 2.90 -1.13	29.29 2.80 -0.61	28.39 2.47 -1.41	26.48 2.54 -0.60	26.46 2.49 -1.56	28.60 2.29 -4.88	26.48 2.38 -2.30	28.75 2.50 -3.13	32.71 2.58 -5.53	40.10 2.80 -10.68	47.49 2.65 -19.80	49.89 2.85 -20.64	85.83 2.77 -56.43	38.67 2.43 -11.43	31.52 2.41 -6.18	25.06 1.99 -2.16
WOODARD__115KV_TB2 355635	17.31 0.05 -0.99	17.41 0.05 -0.88	16.71 0.03 -0.86	16.63 0.03 -0.78	16.28 0.03 -0.85	18.57 0.07 -0.61	22.51 0.06 -1.06	27.16 0.08 -1.34	27.63 0.03 -1.00	26.83 0.03 -0.92	25.50 0.12 -0.88	24.23 0.07 -0.83	23.25 0.02 -0.81	22.21 0.04 -0.75	22.51 0.00 -0.70	23.90 0.00 -0.77	25.41 0.00 -0.81	27.74 0.00 -1.12	26.12 0.03 -1.06	27.84 0.08 -1.37	29.42 0.08 -2.71	25.21 0.02 -0.38	22.85 -0.09 -0.01	20.95 0.04 0.00
YORK___WARBASSE 23770	21.85 1.61 -3.96	20.92 1.52 -2.93	20.29 1.52 -2.95	19.92 1.52 -2.58	20.32 1.43 -3.48	21.52 1.59 -2.05	28.38 1.90 -5.09	32.81 2.55 -4.51	30.50 2.77 -1.13	29.18 2.69 -0.61	27.78 2.55 -0.73	26.39 2.54 -0.51	25.58 2.49 -0.68	24.00 2.29 -0.28	24.52 2.38 -0.34	26.50 2.59 -0.78	27.94 2.63 -0.71	36.91 2.82 -7.47	40.10 2.65 -12.41	44.14 2.72 -15.02	64.84 2.64 -35.58	31.80 2.41 -4.59	25.38 2.32 -0.13	22.88 1.97 -0.01