

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/17/2023

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	22.86	24.20	24.09	22.84	20.96	30.26	39.79	33.62	25.59	20.81	22.32	24.60	25.00	26.15	29.80	30.77	39.98	40.01	29.43	29.59	27.51	24.26	26.78	28.65
24138	-1.88	-1.79	-1.84	-1.77	-1.69	-0.04	-0.58	-0.14	0.35	-0.27	0.78	1.77	1.17	1.84	0.11	0.89	1.54	1.56	1.49	2.10	1.84	1.50	1.66	1.69
	-52.65	-52.47	-54.55	-53.01	-48.77	-30.80	-49.12	-35.62	-20.44	-24.66	-12.00	-0.63	-9.99	-2.14	-28.33	-18.72	-19.20	-19.54	-9.71	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	22.97	24.29	24.17	22.88	21.00	30.26	39.81	33.63	25.58	20.82	22.29	24.53	24.96	26.08	29.80	30.74	39.92	39.97	29.40	29.53	27.48	24.25	26.76	28.63
24260	-1.77	-1.71	-1.77	-1.74	-1.65	-0.04	-0.57	-0.13	0.34	-0.26	0.75	1.70	1.12	1.77	0.10	0.86	1.49	1.51	1.46	2.04	1.81	1.49	1.64	1.67
	-52.66	-52.47	-54.55	-53.01	-48.78	-30.80	-49.12	-35.63	-20.44	-24.66	-12.00	-0.63	-9.99	-2.14	-28.33	-18.72	-19.20	-19.54	-9.71	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.97	24.29	24.17	22.88	21.00	30.26	39.81	33.63	25.58	20.82	22.29	24.53	24.96	26.08	29.80	30.74	39.92	39.97	29.40	29.53	27.48	24.25	26.76	28.63
24261	-1.77	-1.71	-1.77	-1.74	-1.65	-0.04	-0.57	-0.13	0.34	-0.26	0.75	1.70	1.12	1.77	0.10	0.86	1.49	1.51	1.46	2.04	1.81	1.49	1.64	1.67
	-52.66	-52.47	-54.55	-53.01	-48.78	-30.80	-49.12	-35.63	-20.44	-24.66	-12.00	-0.63	-9.99	-2.14	-28.33	-18.72	-19.20	-19.54	-9.71	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	35.86	37.20	37.54	35.87	32.87	37.86	51.81	42.44	30.69	26.94	25.22	24.59	27.37	26.52	37.25	35.29	44.53	44.62	31.53	29.30	27.31	24.12	26.70	28.48
24011	-1.85	-1.72	-1.83	-1.80	-1.79	-0.03	-0.68	-0.15	0.37	-0.26	0.70	1.61	1.05	1.69	0.10	0.76	1.32	1.31	1.18	1.81	1.64	1.37	1.58	1.52
	-65.63	-65.40	-67.99	-66.07	-60.79	-38.39	-61.23	-44.46	-25.51	-30.79	-14.98	-0.78	-12.47	-2.67	-35.79	-23.37	-23.97	-24.39	-12.12	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	35.72	37.10	37.44	35.78	32.74	37.87	51.75	42.44	30.75	26.93	25.32	24.80	27.51	26.77	37.26	35.40	44.73	44.82	31.67	29.58	27.56	24.35	26.91	28.61
23798	-2.02	-1.85	-1.98	-1.93	-1.96	-0.04	-0.76	-0.18	0.42	-0.29	0.79	1.82	1.18	1.93	0.11	0.86	1.51	1.49	1.31	2.10	1.90	1.59	1.79	1.65
	-65.66	-65.44	-68.03	-66.11	-60.82	-38.41	-61.26	-44.48	-25.53	-30.80	-14.99	-0.78	-12.48	-2.67	-35.79	-23.38	-23.98	-24.40	-12.12	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	35.86	37.20	37.54	35.87	32.87	37.86	51.81	42.44	30.69	26.94	25.22	24.59	27.37	26.52	37.25	35.29	44.53	44.62	31.53	29.30	27.31	24.12	26.70	28.48
24028	-1.85	-1.72	-1.83	-1.80	-1.79	-0.03	-0.68	-0.15	0.37	-0.26	0.70	1.61	1.05	1.69	0.10	0.76	1.32	1.31	1.18	1.81	1.64	1.37	1.58	1.52
	-65.63	-65.40	-67.99	-66.07	-60.79	-38.39	-61.23	-44.46	-25.51	-30.79	-14.98	-0.78	-12.47	-2.67	-35.79	-23.37	-23.97	-24.39	-12.12	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	34.27	35.64	35.83	34.25	31.51	36.63	50.13	41.12	29.74	26.08	24.52	24.04	26.62	25.91	36.50	34.36	43.40	43.51	30.83	28.76	26.87	23.80	26.15	27.87
23527	-1.33	-1.17	-1.36	-1.29	-1.20	-0.02	-0.39	-0.09	0.21	-0.17	0.47	1.09	0.70	1.16	0.07	0.56	0.94	0.96	0.86	1.28	1.21	1.04	1.03	0.92
	-63.52	-63.29	-65.81	-63.94	-58.83	-37.16	-59.26	-43.08	-24.72	-29.83	-14.52	-0.76	-12.08	-2.58	-35.07	-22.64	-23.22	-23.63	-11.74	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	35.59	36.84	37.20	35.56	32.69	36.80	50.67	41.21	29.58	26.22	24.18	23.23	26.12	25.08	35.18	33.96	42.74	42.85	30.25	27.82	25.97	23.01	25.34	27.07
24190	-0.26	-0.22	-0.25	-0.23	-0.24	0.00	-0.07	-0.01	0.05	-0.04	0.13	0.28	0.19	0.32	0.02	0.16	0.27	0.29	0.27	0.33	0.30	0.25	0.22	0.11
	-63.76	-63.54	-66.06	-64.19	-59.06	-37.30	-59.48	-43.09	-24.72	-29.84	-14.52	-0.76	-12.09	-2.59	-33.79	-22.64	-23.23	-23.64	-11.74	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	-24.12	-22.37	-24.25	-23.72	-21.84	0.72	-6.08	-0.38	5.22	-2.36	9.20	20.37	12.86	20.27	2.10	10.66	18.13	17.69	16.70	26.11	25.30	22.35	24.33	26.46
355683	2.33	2.09	2.28	2.65	2.42	0.04	0.78	0.15	-0.37	0.28	-0.79	-1.86	-1.37	-1.98	-0.12	-1.14	-1.84	-1.98	-1.90	-1.38	-0.37	-0.40	-0.79	-0.49
	-1.47	-2.01	-2.09	-2.03	-1.87	-1.18	-1.88	-1.34	-0.78	-0.95	-0.46	-0.02	-0.38	-0.08	-0.86	-0.64	-0.74	-0.75	-0.37	0.00	0.00	0.00	0.00	0.00
ALBANY___1	35.59	36.84	37.20	35.56	32.69	36.80	50.67	41.21	29.58	26.22	24.18	23.23	26.12	25.08	35.18	33.96	42.74	42.85	30.25	27.82	25.97	23.01	25.34	27.07
23571	-0.26	-0.22	-0.25	-0.23	-0.24	0.00	-0.07	-0.01	0.05	-0.04	0.13	0.28	0.19	0.32	0.02	0.16	0.27	0.29	0.27	0.33	0.30	0.25	0.22	0.11
	-63.76	-63.54	-66.06	-64.19	-59.06	-37.30	-59.48	-43.09	-24.72	-29.84	-14.52	-0.76	-12.09	-2.59	-33.79	-22.64	-23.23	-23.64	-11.74	0.00	0.00	0.00	0.00	0.00
ALBANY___2	35.59	36.84	37.20	35.56	32.69	36.80	50.67	41.21	29.58	26.22	24.18	23.23	26.12	25.08	35.18	33.96	42.74	42.85	30.25	27.82	25.97	23.01	25.34	27.07
23572	-0.26	-0.22	-0.25	-0.23	-0.24	0.00	-0.07	-0.01	0.05	-0.04	0.13	0.28	0.19	0.32	0.02	0.16	0.27	0.29	0.27	0.33	0.30	0.25	0.22	0.11
	-63.76	-63.54	-66.06	-64.19	-59.06	-37.30	-59.48	-43.09	-24.72	-29.84	-14.52	-0.76	-12.09	-2.59	-33.79	-22.64	-23.23	-23.64	-11.74	0.00	0.00	0.00	0.00	0.00
ALBANY___3	35.59	36.84	37.20	35.56	32.69	36.80	50.67	41.21	29.58	26.22	24.18	23.23	26.12	25.08	35.18	33.96	42.74	42.85	30.25	27.82	25.97	23.01	25.34	27.07
23573	-0.26	-0.22	-0.25	-0.23	-0.24	0.00	-0.07	-0.01	0.05	-0.04	0.13	0.28	0.19	0.32	0.02	0.16	0.27	0.29	0.27	0.33	0.30	0.25	0.22	0.11
	-63.76	-63.54	-66.06	-64.19	-59.06	-37.30	-59.48	-43.09	-24.72	-29.84	-14.52	-0.76	-12.09	-2.59	-33.79	-22.64	-23.23	-23.64	-11.74	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	35.59 -0.26 -63.76	36.84 -0.22 -63.54	37.20 -0.25 -66.06	35.56 -0.23 -64.19	32.69 -0.24 -59.06	36.80 0.00 -37.30	50.67 -0.07 -59.48	41.21 -0.01 -43.09	29.58 0.05 -24.72	26.22 -0.04 -29.84	24.18 0.13 -14.52	23.23 0.28 -0.76	26.12 0.19 -12.09	25.08 0.32 -2.59	35.18 0.02 -33.79	33.96 0.16 -22.64	42.74 0.27 -23.23	42.85 0.29 -23.64	30.25 0.27 -11.74	27.82 0.33 0.00	25.97 0.30 0.00	23.01 0.25 0.00	25.34 0.22 0.00	27.07 0.11 0.00
ALBANY___LFGE 323615	35.83 -0.55 -64.29	37.09 -0.50 -64.07	37.45 -0.55 -66.61	35.80 -0.53 -64.72	32.91 -0.52 -59.55	37.10 -0.01 -37.61	51.06 -0.17 -59.97	41.55 -0.04 -43.45	29.84 0.11 -24.93	26.43 -0.08 -30.09	24.41 0.24 -14.64	23.50 0.54 -0.76	26.39 0.36 -12.19	25.36 0.58 -2.61	35.50 0.03 -34.10	34.29 0.29 -22.84	43.15 0.50 -23.42	43.26 0.50 -23.84	30.55 0.47 -11.84	28.13 0.64 0.00	26.25 0.58 0.00	23.25 0.49 0.00	25.60 0.48 0.00	27.35 0.39 0.00
ALCOA_PA_115KV_PL-6C 55860	-24.14 2.19 -1.59	-22.40 1.96 -2.12	-24.30 2.12 -2.21	-23.77 2.49 -2.14	-21.87 2.28 -1.97	0.79 0.04 -1.25	-6.03 0.73 -1.98	-0.30 0.14 -1.42	5.31 -0.33 -0.83	-2.33 0.26 -1.00	9.27 -0.74 -0.48	20.48 -1.74 -0.03	12.95 -1.30 -0.40	20.41 -1.85 -0.09	2.40 -0.12 -1.15	10.84 -1.08 -0.76	18.28 -1.73 -0.78	17.84 -1.87 -0.79	16.85 -1.78 -0.39	26.29 -1.20 0.00	25.45 -0.21 0.00	22.49 -0.27 0.00	24.48 -0.64 0.00	26.62 -0.34 0.00
ALCOA_RYNLDS___DRP 24188	-24.14 2.19 -1.59	-22.40 1.96 -2.12	-24.30 2.12 -2.21	-23.77 2.49 -2.14	-21.87 2.28 -1.97	0.79 0.04 -1.25	-6.03 0.73 -1.98	-0.30 0.14 -1.42	5.31 -0.33 -0.83	-2.33 0.26 -1.00	9.27 -0.74 -0.48	20.48 -1.74 -0.03	12.95 -1.30 -0.40	20.41 -1.85 -0.09	2.40 -0.12 -1.15	10.84 -1.08 -0.76	18.28 -1.73 -0.78	17.84 -1.87 -0.79	16.85 -1.78 -0.39	26.29 -1.20 0.00	25.45 -0.21 0.00	22.49 -0.27 0.00	24.48 -0.64 0.00	26.62 -0.34 0.00
ALCOA___DSASP 323711	-24.14 2.18 -1.59	-22.41 1.95 -2.12	-24.32 2.10 -2.21	-23.74 2.51 -2.14	-21.68 2.47 -1.97	0.79 0.04 -1.25	-6.03 0.73 -1.98	-0.30 0.14 -1.42	5.31 -0.33 -0.83	-2.33 0.26 -1.00	9.27 -0.74 -0.48	20.48 -1.74 -0.03	12.95 -1.30 -0.40	20.40 -1.86 -0.09	2.40 -0.11 -1.15	10.84 -1.08 -0.76	18.28 -1.73 -0.78	17.84 -1.87 -0.79	16.85 -1.78 -0.39	26.29 -1.20 0.00	25.45 -0.21 0.00	22.49 -0.27 0.00	24.48 -0.64 0.00	26.62 -0.34 0.00
ALLEGHENY___COGEN 23514	-13.59 -0.51 -14.83	-9.61 -0.50 -17.37	-10.19 -0.61 -19.03	-1.03 -0.69 -28.06	74.56 -0.67 -101.36	8.25 -0.02 -8.78	4.91 -0.20 -13.85	8.20 -0.03 -10.10	10.57 0.01 -5.76	3.31 -0.06 -6.95	13.02 0.10 -3.38	22.72 0.34 -0.18	16.76 0.10 -2.82	23.12 0.34 -0.60	9.37 0.03 -7.98	16.70 0.28 -5.27	25.23 0.58 -5.41	25.01 0.59 -5.50	21.43 0.47 -2.73	28.13 0.65 0.00	26.24 0.58 0.00	23.18 0.42 0.00	25.70 0.58 0.00	27.80 0.84 0.00
ALTAMONT_115KV_TB 2 55880	35.18 -0.68 -63.78	36.44 -0.64 -63.56	36.77 -0.69 -66.08	35.12 -0.69 -64.21	32.30 -0.65 -59.08	36.80 -0.01 -37.31	50.55 -0.20 -59.50	41.21 -0.05 -43.12	29.67 0.12 -24.75	26.19 -0.09 -29.86	24.33 0.26 -14.53	23.54 0.59 -0.76	26.33 0.39 -12.10	25.39 0.63 -2.59	35.48 0.04 -34.07	34.14 0.31 -22.66	43.02 0.54 -23.25	43.13 0.55 -23.66	30.51 0.53 -11.75	28.21 0.73 0.00	26.33 0.67 0.00	23.31 0.56 0.00	25.70 0.58 0.00	27.49 0.54 0.00
ALTONA_WT_PWR 323606	-24.42 2.04 -1.45	-22.45 2.03 -2.00	-24.45 2.09 -2.08	-23.66 2.72 -2.02	-21.49 2.78 -1.86	0.72 0.04 -1.18	-6.08 0.79 -1.87	-0.38 0.15 -1.33	5.20 -0.38 -0.78	-2.36 0.28 -0.94	9.22 -0.77 -0.46	20.33 -1.89 -0.02	12.73 -1.50 -0.38	20.09 -2.16 -0.08	-6.33 -0.14 7.56	7.70 -1.38 2.08	17.71 -2.26 -0.73	17.40 -2.26 -0.75	16.58 -2.02 -0.37	26.16 -1.33 0.00	25.54 -0.12 0.00	22.45 -0.31 0.00	24.33 -0.79 0.00	26.53 -0.42 0.00
AMERICAN_REF_FUEL 24010	-13.72 0.31 -13.89	-10.06 0.13 -16.28	-10.71 0.07 -17.84	-2.07 -0.03 -26.36	69.29 -0.05 -95.46	7.71 -0.01 -8.22	4.52 0.30 -12.97	7.70 0.10 -9.46	9.98 -0.22 -5.39	3.06 0.14 -6.51	12.19 -0.50 -3.15	21.30 -1.06 -0.16	15.61 -0.83 -2.60	21.62 -1.10 -0.56	8.66 -0.07 -7.37	15.47 -0.56 -4.87	23.27 -0.95 -4.99	22.82 -1.18 -5.08	19.49 -1.27 -2.52	25.62 -1.86 0.00	24.07 -1.59 0.00	21.24 -1.51 0.00	23.66 -1.46 0.00	25.82 -1.14 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	-12.67 0.51 -14.74	-9.08 0.39 -17.01	-9.74 0.32 -18.55	-1.53 0.26 -26.61	66.25 0.17 -92.21	8.21 0.00 -8.71	5.19 0.17 -13.76	8.22 0.05 -10.04	10.39 -0.14 -5.72	3.43 0.11 -6.90	12.58 -0.30 -3.35	21.67 -0.70 -0.17	16.11 -0.51 -2.78	22.37 -0.39 -0.59	9.21 -0.01 -7.86	16.34 -0.01 -5.19	24.84 0.27 -5.33	24.37 0.03 -5.42	20.69 -0.24 -2.69	27.23 -0.26 0.00	25.46 -0.21 0.00	22.50 -0.26 0.00	25.02 -0.10 0.00	27.20 0.24 0.00
ARTHUR_KILL_GT_1 23520	23.04 -1.70 -52.66	24.36 -1.63 -52.47	24.26 -1.68 -54.55	22.96 -1.65 -53.01	21.09 -1.56 -48.78	30.26 -0.04 -30.80	39.87 -0.51 -49.12	33.65 -0.11 -35.63	25.54 0.30 -20.44	20.85 -0.23 -24.66	22.18 0.64 -12.00	24.29 1.46 -0.63	24.80 0.96 -9.99	25.84 1.53 -2.14	29.79 0.09 -28.33	30.61 0.73 -18.72	39.73 1.29 -19.20	39.77 1.31 -19.54	29.26 1.31 -9.71	29.33 1.85 0.00	27.32 1.66 0.00	24.16 1.41 0.00	26.70 1.59 0.00	28.60 1.64 0.00
ARTHUR_KILL_2 23512	23.13 -1.60 -52.66	24.45 -1.55 -52.47	24.35 -1.59 -54.55	23.05 -1.56 -53.01	21.18 -1.47 -48.78	30.27 -0.04 -30.80	39.90 -0.49 -49.12	33.65 -0.11 -35.63	25.53 0.29 -20.44	20.86 -0.22 -24.66	22.15 0.61 -12.00	24.22 1.40 -0.63	24.76 0.92 -9.99	25.76 1.45 -2.14	29.78 0.08 -28.33	30.57 0.69 -18.72	39.67 1.23 -19.20	39.70 1.24 -19.54	29.19 1.24 -9.71	29.23 1.74 0.00	27.24 1.57 0.00	24.08 1.33 0.00	26.62 1.50 0.00	28.52 1.56 0.00
ARTHUR_KILL_3 23513	23.24 -1.50 -52.65	24.53 -1.46 -52.47	24.43 -1.50 -54.55	23.13 -1.48 -53.01	21.24 -1.41 -48.77	30.27 -0.03 -30.80	39.91 -0.47 -49.12	33.65 -0.11 -35.62	25.53 0.29 -20.44	20.86 -0.22 -24.66	22.17 0.63 -12.00	24.24 1.42 -0.63	24.78 0.94 -9.99	25.80 1.49 -2.14	29.78 0.08 -28.33	30.59 0.71 -18.72	39.67 1.23 -19.20	39.72 1.26 -19.54	29.18 1.24 -9.71	29.19 1.70 0.00	27.18 1.51 0.00	23.98 1.22 0.00	26.48 1.36 0.00	28.33 1.37 0.00
ARTHUR_KILL_COGEN 323718	23.04 -1.70 -52.66	24.36 -1.63 -52.47	24.26 -1.68 -54.55	22.96 -1.65 -53.01	21.09 -1.56 -48.78	30.26 -0.04 -30.80	39.87 -0.51 -49.12	33.65 -0.11 -35.63	25.54 0.30 -20.44	20.85 -0.23 -24.66	22.18 0.64 -12.00	24.29 1.46 -0.63	24.80 0.96 -9.99	25.84 1.53 -2.14	29.79 0.09 -28.33	30.61 0.73 -18.72	39.73 1.29 -19.20	39.77 1.31 -19.54	29.26 1.31 -9.71	29.33 1.85 0.00	27.32 1.66 0.00	24.16 1.41 0.00	26.70 1.59 0.00	28.60 1.64 0.00
ASHOKAN____ 23654	28.69 -1.68 -58.28	30.04 -1.56 -58.08	30.07 -1.69 -60.38	28.59 -1.69 -58.67	26.24 -1.62 -53.98	33.57 -0.03 -34.09	45.05 -0.58 -54.37	37.41 -0.13 -39.41	27.75 0.33 -22.61	23.49 -0.21 -27.29	23.30 0.49 -13.28	24.02 1.12 -0.69	25.64 0.74 -11.05	25.81 1.27 -2.36	32.57 0.08 -31.12	32.55 0.68 -20.71	41.66 1.18 -21.24	41.75 1.21 -21.62	30.11 1.14 -10.74	29.16 1.67 0.00	27.15 1.48 0.00	23.99 1.23 0.00	26.35 1.23 0.00	28.11 1.15 0.00

ASTORIA_EAST_ENERGY_CC1 323581	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.29 -1.64 -54.55	22.99 -1.62 -53.01	21.10 -1.54 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.11 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.20 0.66 -12.00	24.37 1.55 -0.63	24.87 1.04 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.27 1.32 -9.71	29.36 1.87 0.00	27.31 1.64 0.00	24.09 1.33 0.00	26.59 1.48 0.00	28.46 1.51 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.04 -1.70 -52.66	24.36 -1.63 -52.47	24.29 -1.64 -54.55	23.00 -1.62 -53.01	21.10 -1.54 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.11 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.20 0.66 -12.00	24.37 1.55 -0.63	24.87 1.03 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.27 1.32 -9.71	29.36 1.87 0.00	27.31 1.64 0.00	24.09 1.33 0.00	26.59 1.48 0.00	28.46 1.51 0.00
ASTORIA_GT2_1 24094	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.28 -1.66 -54.55	22.98 -1.63 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.04 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA_GT2_2 24095	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.28 -1.66 -54.55	22.98 -1.63 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.04 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA_GT2_3 24096	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.28 -1.66 -54.55	22.98 -1.63 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.04 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA_GT2_4 24097	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.28 -1.66 -54.55	22.98 -1.63 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.04 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA_GT3_1 24098	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.28 -1.66 -54.55	22.98 -1.63 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.04 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA_GT3_2 24099	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.28 -1.66 -54.55	22.98 -1.63 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.04 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA_GT3_3 24100	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.28 -1.66 -54.55	22.98 -1.63 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.04 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA_GT3_4 24101	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.28 -1.66 -54.55	22.98 -1.63 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.04 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA_GT4_1 24102	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.28 -1.66 -54.55	22.98 -1.63 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.04 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA_GT4_2 24103	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.28 -1.66 -54.55	22.98 -1.63 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.04 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA_GT4_3 24104	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.28 -1.66 -54.55	22.98 -1.63 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.04 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA_GT4_4 24105	23.04 -1.70 -52.66	24.36 -1.64 -52.47	24.28 -1.66 -54.55	22.98 -1.63 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.04 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA_GT_1 23523	22.98 -1.76 -52.66	24.30 -1.69 -52.47	24.23 -1.70 -54.55	22.94 -1.68 -53.01	21.05 -1.60 -48.78	30.26 -0.05 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.57 0.33 -20.44	20.83 -0.25 -24.66	22.23 0.69 -12.00	24.43 1.61 -0.63	24.90 1.07 -9.99	25.96 1.65 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.82 1.37 -19.20	39.86 1.40 -19.54	29.32 1.38 -9.71	29.44 1.95 0.00	27.38 1.72 0.00	24.15 1.40 0.00	26.65 1.54 0.00	28.53 1.57 0.00

ASTORIA_GT_10 24110	23.14 -1.60 -52.66	24.44 -1.55 -52.47	24.33 -1.60 -54.55	23.03 -1.58 -53.01	21.14 -1.51 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.65 -0.12 -35.63	25.55 0.31 -20.44	20.84 -0.24 -24.66	22.22 0.68 -12.00	24.37 1.55 -0.63	24.86 1.03 -9.99	25.91 1.61 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.78 1.34 -19.20	39.82 1.36 -19.54	29.28 1.33 -9.71	29.35 1.86 0.00	27.31 1.64 0.00	24.09 1.34 0.00	26.59 1.47 0.00	28.46 1.51 0.00
ASTORIA_GT_11 24225	23.14 -1.60 -52.66	24.44 -1.55 -52.47	24.33 -1.60 -54.55	23.03 -1.58 -53.01	21.14 -1.51 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.65 -0.12 -35.63	25.55 0.31 -20.44	20.84 -0.24 -24.66	22.22 0.68 -12.00	24.37 1.55 -0.63	24.86 1.03 -9.99	25.91 1.61 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.78 1.34 -19.20	39.82 1.36 -19.54	29.28 1.33 -9.71	29.35 1.86 0.00	27.31 1.64 0.00	24.09 1.34 0.00	26.59 1.47 0.00	28.46 1.51 0.00
ASTORIA_GT_12 24226	23.14 -1.60 -52.66	24.44 -1.55 -52.47	24.33 -1.60 -54.55	23.03 -1.58 -53.01	21.14 -1.51 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.65 -0.12 -35.63	25.55 0.31 -20.44	20.84 -0.24 -24.66	22.22 0.68 -12.00	24.37 1.55 -0.63	24.86 1.03 -9.99	25.91 1.61 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.78 1.34 -19.20	39.82 1.36 -19.54	29.28 1.33 -9.71	29.35 1.86 0.00	27.31 1.64 0.00	24.09 1.34 0.00	26.59 1.47 0.00	28.46 1.51 0.00
ASTORIA_GT_13 24227	23.14 -1.60 -52.66	24.44 -1.55 -52.47	24.33 -1.60 -54.55	23.03 -1.58 -53.01	21.14 -1.51 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.65 -0.12 -35.63	25.55 0.31 -20.44	20.84 -0.24 -24.66	22.22 0.68 -12.00	24.37 1.55 -0.63	24.86 1.03 -9.99	25.91 1.61 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.78 1.34 -19.20	39.82 1.36 -19.54	29.28 1.33 -9.71	29.35 1.86 0.00	27.31 1.64 0.00	24.09 1.34 0.00	26.59 1.47 0.00	28.46 1.51 0.00
ASTORIA_GT_5 24106	22.98 -1.76 -52.66	24.30 -1.69 -52.47	24.23 -1.70 -54.55	22.94 -1.68 -53.01	21.05 -1.60 -48.78	30.26 -0.05 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.57 0.33 -20.44	20.83 -0.25 -24.66	22.23 0.69 -12.00	24.43 1.61 -0.63	24.90 1.07 -9.99	25.96 1.65 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.82 1.37 -19.20	39.86 1.40 -19.54	29.32 1.38 -9.71	29.44 1.95 0.00	27.38 1.72 0.00	24.15 1.40 0.00	26.65 1.54 0.00	28.53 1.57 0.00
ASTORIA_GT_7 24107	22.98 -1.76 -52.66	24.30 -1.69 -52.47	24.23 -1.70 -54.55	22.94 -1.68 -53.01	21.05 -1.60 -48.78	30.26 -0.05 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.57 0.33 -20.44	20.83 -0.25 -24.66	22.23 0.69 -12.00	24.43 1.61 -0.63	24.90 1.07 -9.99	25.96 1.65 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.82 1.37 -19.20	39.86 1.40 -19.54	29.32 1.38 -9.71	29.44 1.95 0.00	27.38 1.72 0.00	24.15 1.40 0.00	26.65 1.54 0.00	28.53 1.57 0.00
ASTORIA_GT_8 24108	22.99 -1.75 -52.66	24.31 -1.69 -52.47	24.23 -1.71 -54.55	22.93 -1.68 -53.01	21.05 -1.60 -48.78	30.26 -0.05 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.57 0.33 -20.44	20.83 -0.25 -24.66	22.23 0.69 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.96 1.65 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.82 1.38 -19.20	39.85 1.39 -19.54	29.32 1.38 -9.71	29.44 1.95 0.00	27.38 1.72 0.00	24.15 1.39 0.00	26.65 1.54 0.00	28.53 1.57 0.00
ASTORIA___2 24149	23.04 -1.70 -52.66	24.35 -1.64 -52.47	24.29 -1.65 -54.55	22.98 -1.63 -53.01	21.09 -1.56 -48.78	30.26 -0.04 -30.80	39.89 -0.49 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.39 1.56 -0.63	24.87 1.04 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.78 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.89 0.00	27.33 1.67 0.00	24.10 1.35 0.00	26.61 1.49 0.00	28.47 1.52 0.00
ASTORIA___3 23516	23.14 -1.60 -52.66	24.44 -1.56 -52.47	24.34 -1.60 -54.55	23.03 -1.58 -53.01	21.14 -1.51 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.65 -0.12 -35.63	25.55 0.31 -20.44	20.85 -0.24 -24.66	22.22 0.68 -12.00	24.38 1.55 -0.63	24.86 1.03 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.79 1.35 -19.20	39.82 1.36 -19.54	29.28 1.33 -9.71	29.34 1.86 0.00	27.31 1.64 0.00	24.09 1.34 0.00	26.59 1.47 0.00	28.46 1.50 0.00
ASTORIA___4 23517	23.14 -1.60 -52.66	24.44 -1.55 -52.47	24.33 -1.60 -54.55	23.03 -1.58 -53.01	21.14 -1.51 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.65 -0.12 -35.63	25.55 0.31 -20.44	20.84 -0.24 -24.66	22.22 0.68 -12.00	24.37 1.55 -0.63	24.86 1.03 -9.99	25.91 1.61 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.78 1.34 -19.20	39.82 1.36 -19.54	29.28 1.33 -9.71	29.35 1.86 0.00	27.31 1.64 0.00	24.09 1.34 0.00	26.59 1.47 0.00	28.46 1.51 0.00
ASTORIA___5 23518	23.14 -1.60 -52.66	24.44 -1.56 -52.47	24.34 -1.60 -54.55	23.03 -1.58 -53.01	21.14 -1.51 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.65 -0.12 -35.63	25.55 0.31 -20.44	20.85 -0.24 -24.66	22.22 0.68 -12.00	24.38 1.55 -0.63	24.86 1.03 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.79 1.35 -19.20	39.82 1.36 -19.54	29.28 1.33 -9.71	29.34 1.86 0.00	27.31 1.64 0.00	24.09 1.34 0.00	26.59 1.47 0.00	28.46 1.50 0.00
AST_ENERGY_2_CC3 323677	23.24 -1.50 -52.65	24.54 -1.45 -52.47	24.44 -1.49 -54.55	23.14 -1.47 -53.01	21.24 -1.41 -48.77	30.27 -0.03 -30.80	39.90 -0.47 -49.12	33.65 -0.10 -35.62	25.53 0.29 -20.44	20.86 -0.22 -24.66	22.18 0.64 -12.00	24.28 1.46 -0.63	24.81 0.97 -9.99	25.83 1.53 -2.14	29.79 0.09 -28.33	30.62 0.74 -18.72	39.71 1.27 -19.20	39.74 1.28 -19.54	29.20 1.25 -9.71	29.24 1.75 0.00	27.22 1.55 0.00	24.01 1.25 0.00	26.51 1.39 0.00	28.35 1.39 0.00
AST_ENERGY_2_CC4 323678	23.24 -1.50 -52.65	24.54 -1.45 -52.47	24.44 -1.49 -54.55	23.14 -1.47 -53.01	21.24 -1.41 -48.77	30.27 -0.03 -30.80	39.90 -0.47 -49.12	33.65 -0.10 -35.62	25.53 0.29 -20.44	20.86 -0.22 -24.66	22.18 0.64 -12.00	24.28 1.46 -0.63	24.81 0.97 -9.99	25.83 1.53 -2.14	29.79 0.09 -28.33	30.62 0.74 -18.72	39.71 1.27 -19.20	39.74 1.28 -19.54	29.20 1.25 -9.71	29.24 1.75 0.00	27.22 1.55 0.00	24.01 1.25 0.00	26.51 1.39 0.00	28.35 1.39 0.00
ATHENS_STG_1 23668	29.70 -0.78 -58.40	30.97 -0.75 -58.20	31.09 -0.80 -60.51	29.60 -0.80 -58.79	27.24 -0.73 -54.09	33.65 -0.02 -34.16	45.51 -0.23 -54.48	37.59 -0.05 -39.51	27.61 0.13 -22.67	23.67 -0.10 -27.35	23.15 0.30 -13.31	23.57 0.68 -0.69	25.37 0.45 -11.08	25.26 0.72 -2.37	32.83 0.04 -31.42	32.28 0.35 -20.76	41.14 0.61 -21.30	41.21 0.62 -21.67	29.60 0.60 -10.77	28.32 0.83 0.00	26.41 0.74 0.00	23.36 0.60 0.00	25.79 0.67 0.00	27.60 0.65 0.00
ATHENS_STG_2 23670	29.70 -0.78 -58.40	30.97 -0.75 -58.20	31.09 -0.80 -60.51	29.60 -0.80 -58.79	27.24 -0.73 -54.09	33.65 -0.02 -34.16	45.51 -0.23 -54.48	37.59 -0.05 -39.51	27.61 0.13 -22.67	23.67 -0.10 -27.35	23.15 0.30 -13.31	23.57 0.68 -0.69	25.37 0.45 -11.08	25.26 0.72 -2.37	32.83 0.04 -31.42	32.28 0.35 -20.76	41.14 0.61 -21.30	41.21 0.62 -21.67	29.60 0.60 -10.77	28.32 0.83 0.00	26.41 0.74 0.00	23.36 0.60 0.00	25.79 0.67 0.00	27.60 0.65 0.00

ATHENS_STG_3 23677	29.70 -0.78 -58.40	30.97 -0.75 -58.20	31.09 -0.80 -60.51	29.60 -0.80 -58.79	27.24 -0.73 -54.09	33.65 -0.02 -34.16	45.51 -0.23 -54.48	37.59 -0.05 -39.51	27.61 0.13 -22.67	23.67 -0.10 -27.35	23.15 0.30 -13.31	23.57 0.68 -0.69	25.37 0.45 -11.08	25.26 0.72 -2.37	32.83 0.04 -31.42	32.28 0.35 -20.76	41.14 0.61 -21.30	41.21 0.62 -21.67	29.60 0.60 -10.77	28.32 0.83 0.00	26.41 0.74 0.00	23.36 0.60 0.00	25.79 0.67 0.00	27.60 0.65 0.00
AUBURN____LFGE 323710	-15.96 -0.27 -12.22	-14.72 -0.25 -12.01	-16.49 -0.29 -12.42	-17.26 -0.31 -11.45	-20.79 -0.28 -5.62	6.63 0.00 -7.14	2.55 -0.12 -11.42	6.47 -0.02 -8.36	9.61 0.06 -4.74	2.11 -0.03 -5.72	12.41 0.08 -2.79	22.53 0.19 -0.15	16.32 0.16 -2.32	22.96 0.30 -0.50	7.97 0.02 -6.58	15.64 0.13 -4.35	24.02 0.32 -4.46	23.73 0.27 -4.54	20.69 0.20 -2.26	27.76 0.27 0.00	25.77 0.10 0.00	22.85 0.09 0.00	25.34 0.22 0.00	27.22 0.26 0.00
BABYLON_RES_REC 323704	22.75 -1.98 -52.65	24.10 -1.88 -52.46	23.95 -1.98 -54.54	22.68 -1.92 -53.00	20.91 -1.73 -48.77	30.26 -0.03 -30.80	39.77 -0.60 -49.11	33.62 -0.14 -35.62	25.61 0.37 -20.44	20.80 -0.27 -24.66	22.35 0.81 -12.00	24.60 1.77 -0.63	25.00 1.16 -9.99	26.16 1.85 -2.14	29.81 0.12 -28.33	30.84 0.97 -18.72	40.04 1.60 -19.20	40.05 1.59 -19.54	29.54 1.60 -9.71	29.72 2.24 0.00	27.71 2.05 0.00	24.48 1.68 -0.04	26.96 1.84 0.00	28.82 1.87 0.00
BABYLON__69_KV_BK2 356345	22.42 -2.31 -52.65	23.79 -2.19 -52.46	23.59 -2.34 -54.54	22.33 -2.28 -53.00	20.59 -2.05 -48.77	30.25 -0.04 -30.80	39.65 -0.72 -49.11	33.60 -0.16 -35.62	25.68 0.44 -20.44	20.76 -0.32 -24.66	22.47 0.93 -12.00	24.85 2.03 -0.63	25.17 1.34 -9.99	26.44 2.14 -2.14	29.83 0.14 -28.33	31.00 1.12 -18.72	40.30 1.87 -19.20	40.32 1.86 -19.54	29.81 1.87 -9.71	30.11 2.62 0.00	28.08 2.41 0.00	24.88 2.00 -0.13	27.29 2.18 0.00	29.17 2.21 0.00
BALL_HILL_WT_PWR 323825	-13.43 -0.10 -14.59	-9.73 -0.15 -16.90	-10.43 -0.27 -18.45	-2.09 -0.35 -26.65	66.84 -0.40 -93.37	8.11 -0.02 -8.63	4.90 0.03 -13.62	8.10 0.03 -9.93	10.39 -0.07 -5.66	3.31 0.06 -6.83	12.65 -0.20 -3.32	22.00 -0.37 -0.17	16.25 -0.34 -2.75	22.48 -0.28 -0.59	9.13 -0.01 -7.78	16.21 -0.08 -5.14	24.48 -0.03 -5.27	24.04 -0.24 -5.36	20.48 -0.42 -2.66	26.94 -0.55 0.00	25.16 -0.50 0.00	22.26 -0.50 0.00	24.78 -0.34 0.00	26.98 0.02 0.00
BARON_WINDS____WT_PWR 323822	-9.64 0.79 -17.49	-6.77 0.78 -18.93	-7.65 0.73 -20.24	-2.58 0.59 -25.22	41.42 0.52 -67.03	9.79 0.00 -10.29	7.81 0.22 -16.33	10.10 0.07 -11.89	11.46 -0.13 -6.79	4.73 0.12 -8.19	13.24 -0.28 -3.99	21.82 -0.59 -0.21	16.69 -0.47 -3.31	22.30 -0.58 -0.71	10.72 -0.03 -9.38	17.16 -0.20 -6.20	25.38 -0.21 -6.35	25.18 -0.21 -6.47	21.17 -0.27 -3.21	27.03 -0.46 0.00	25.09 -0.58 0.00	22.25 -0.50 0.00	24.87 -0.25 0.00	26.90 -0.06 0.00
BARRETT_IC_1 23704	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BARRETT_IC_10 23701	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BARRETT_IC_11 23702	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BARRETT_IC_12 23703	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BARRETT_IC_2 23705	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BARRETT_IC_3 23706	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BARRETT_IC_4 23707	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BARRETT_IC_5 23708	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BARRETT_IC_6 23709	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00

BARRETT_IC_7 23710	22.98 -1.75 -52.65	24.32 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.71 -53.00	21.08 -1.55 -48.77	30.26 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.77 1.33 -19.20	39.78 1.33 -19.54	29.28 1.34 -9.71	29.38 1.89 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BARRETT_IC_8 23711	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BARRETT_IC_9 23700	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BARRETT___1 23545	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BARRETT___2 23546	22.98 -1.75 -52.65	24.31 -1.67 -52.46	24.18 -1.75 -54.54	22.90 -1.70 -53.00	21.09 -1.55 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.11	33.64 -0.12 -35.62	25.54 0.30 -20.44	20.85 -0.22 -24.66	22.21 0.67 -12.00	24.32 1.50 -0.63	24.82 0.99 -9.99	25.89 1.58 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.76 1.33 -19.20	39.78 1.33 -19.54	29.29 1.34 -9.71	29.38 1.90 0.00	27.37 1.70 0.00	24.15 1.39 0.00	26.68 1.56 0.00	28.55 1.59 0.00
BATAVIA__115KV_TB1 55881	-15.38 -0.87 -13.40	-12.41 -0.93 -15.00	-13.46 -1.06 -16.21	-7.69 -1.13 -21.83	40.94 -1.02 -68.09	7.37 -0.03 -7.90	3.59 -0.18 -12.51	7.25 -0.01 -9.13	10.07 0.06 -5.20	2.62 -0.07 -6.28	12.66 0.08 -3.05	22.60 0.24 -0.16	16.29 -0.05 -2.50	22.83 0.13 -0.53	8.43 0.00 -7.06	15.88 0.05 -4.66	24.13 0.11 -4.78	23.67 -0.12 -4.87	20.40 -0.25 -2.42	27.13 -0.36 0.00	25.40 -0.26 0.00	22.40 -0.35 0.00	24.86 -0.26 0.00	27.01 0.05 0.00
BAYONEEC___CTG1 323682	23.15 -1.59 -52.65	24.47 -1.53 -52.47	24.35 -1.59 -54.55	23.06 -1.55 -53.01	21.16 -1.48 -48.77	30.27 -0.04 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.62	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.64 0.77 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.26 1.31 -9.71	29.31 1.83 0.00	27.28 1.61 0.00	24.07 1.31 0.00	26.58 1.46 0.00	28.43 1.47 0.00
BAYONEEC___CTG10 323750	23.15 -1.59 -52.65	24.47 -1.53 -52.47	24.35 -1.59 -54.55	23.06 -1.55 -53.01	21.16 -1.48 -48.77	30.27 -0.04 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.62	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.64 0.77 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.26 1.31 -9.71	29.31 1.83 0.00	27.28 1.61 0.00	24.07 1.31 0.00	26.58 1.46 0.00	28.43 1.47 0.00
BAYONEEC___CTG2 323683	23.15 -1.59 -52.65	24.47 -1.53 -52.47	24.35 -1.59 -54.55	23.06 -1.55 -53.01	21.16 -1.48 -48.77	30.27 -0.04 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.62	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.64 0.77 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.26 1.31 -9.71	29.31 1.83 0.00	27.28 1.61 0.00	24.07 1.31 0.00	26.58 1.46 0.00	28.43 1.47 0.00
BAYONEEC___CTG3 323684	23.15 -1.59 -52.65	24.47 -1.53 -52.47	24.35 -1.59 -54.55	23.06 -1.55 -53.01	21.16 -1.48 -48.77	30.27 -0.04 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.62	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.64 0.77 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.26 1.31 -9.71	29.31 1.83 0.00	27.28 1.61 0.00	24.07 1.31 0.00	26.58 1.46 0.00	28.43 1.47 0.00
BAYONEEC___CTG4 323685	23.15 -1.59 -52.65	24.47 -1.53 -52.47	24.35 -1.59 -54.55	23.06 -1.55 -53.01	21.16 -1.48 -48.77	30.27 -0.04 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.62	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.64 0.77 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.26 1.31 -9.71	29.31 1.83 0.00	27.28 1.61 0.00	24.07 1.31 0.00	26.58 1.46 0.00	28.43 1.47 0.00
BAYONEEC___CTG5 323686	23.15 -1.59 -52.65	24.47 -1.53 -52.47	24.35 -1.59 -54.55	23.06 -1.55 -53.01	21.16 -1.48 -48.77	30.27 -0.04 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.62	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.64 0.77 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.26 1.31 -9.71	29.31 1.83 0.00	27.28 1.61 0.00	24.07 1.31 0.00	26.58 1.46 0.00	28.43 1.47 0.00
BAYONEEC___CTG6 323687	23.15 -1.59 -52.65	24.47 -1.53 -52.47	24.35 -1.59 -54.55	23.06 -1.55 -53.01	21.16 -1.48 -48.77	30.27 -0.04 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.62	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.64 0.77 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.26 1.31 -9.71	29.31 1.83 0.00	27.28 1.61 0.00	24.07 1.31 0.00	26.58 1.46 0.00	28.43 1.47 0.00
BAYONEEC___CTG7 323688	23.15 -1.59 -52.65	24.47 -1.53 -52.47	24.35 -1.59 -54.55	23.06 -1.55 -53.01	21.16 -1.48 -48.77	30.27 -0.04 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.62	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.64 0.77 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.26 1.31 -9.71	29.31 1.83 0.00	27.28 1.61 0.00	24.07 1.31 0.00	26.58 1.46 0.00	28.43 1.47 0.00
BAYONEEC___CTG8 323689	23.15 -1.59 -52.65	24.47 -1.53 -52.47	24.35 -1.59 -54.55	23.06 -1.55 -53.01	21.16 -1.48 -48.77	30.27 -0.04 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.62	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.64 0.77 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.26 1.31 -9.71	29.31 1.83 0.00	27.28 1.61 0.00	24.07 1.31 0.00	26.58 1.46 0.00	28.43 1.47 0.00

BAYONEEC___CTG9 323749	23.15 -1.59 -52.65	24.47 -1.53 -52.47	24.35 -1.59 -54.55	23.06 -1.55 -53.01	21.16 -1.48 -48.77	30.27 -0.04 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.62	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.64 0.77 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.26 1.31 -9.71	29.31 1.83 0.00	27.28 1.61 0.00	24.07 1.31 0.00	26.58 1.46 0.00	28.43 1.47 0.00
BEACON___LESR 323632	34.96 -0.82 -63.70	36.27 -0.72 -63.48	36.56 -0.82 -66.00	34.95 -0.78 -64.13	32.11 -0.77 -59.00	36.75 0.00 -37.26	50.42 -0.26 -59.42	41.10 -0.07 -43.04	29.67 0.17 -24.70	26.11 -0.11 -29.80	24.36 0.32 -14.51	23.63 0.67 -0.76	26.38 0.46 -12.07	25.49 0.74 -2.58	35.11 0.05 -33.70	34.16 0.38 -22.62	43.14 0.70 -23.20	43.23 0.70 -23.61	30.61 0.65 -11.73	28.41 0.93 0.00	26.48 0.81 0.00	23.45 0.70 0.00	25.77 0.66 0.00	27.54 0.58 0.00
BEAVER RIVER___HYD 24048	-21.90 1.73 -4.30	-20.18 1.85 -4.45	-22.23 1.75 -4.63	-22.26 1.64 -4.50	-19.96 2.02 -4.14	2.23 0.11 -2.62	-4.18 0.37 -4.19	1.37 0.11 -3.13	6.25 -0.29 -1.74	-1.27 0.21 -2.09	9.90 -0.65 -1.02	20.81 -1.44 -0.05	13.84 -0.86 -0.85	20.95 -1.40 -0.18	4.13 -0.09 -2.84	12.16 -0.73 -1.73	19.71 -1.16 -1.63	19.54 -1.04 -1.66	18.43 -0.63 -0.83	27.28 -0.21 0.00	25.29 -0.37 0.00	22.51 -0.25 0.00	24.65 -0.46 0.00	26.62 -0.34 0.00
BEEBEE_GT_13 23619	-15.80 -0.01 -12.13	-10.35 -0.10 -16.23	-10.32 -0.13 -18.42	4.66 -0.16 -33.22	125.17 -0.15 -151.44	6.74 -0.01 -7.26	2.61 0.02 -11.33	6.42 0.02 -8.27	9.45 -0.06 -4.71	2.11 0.01 -5.68	12.21 -0.09 -2.77	22.32 -0.03 -0.14	16.04 -0.11 -2.31	22.62 -0.05 -0.50	7.92 0.00 -6.56	15.46 -0.03 -4.33	23.62 -0.06 -4.45	23.24 -0.20 -4.52	20.17 -0.30 -2.25	27.01 -0.48 0.00	25.27 -0.39 0.00	22.34 -0.42 0.00	24.72 -0.40 0.00	26.76 -0.20 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.89 -1.85 -52.66	24.23 -1.77 -52.47	24.11 -1.83 -54.55	22.82 -1.79 -53.01	20.95 -1.70 -48.78	30.26 -0.04 -30.80	39.81 -0.57 -49.12	33.63 -0.13 -35.63	25.59 0.34 -20.44	20.82 -0.27 -24.66	22.29 0.75 -12.00	24.55 1.72 -0.63	24.97 1.14 -9.99	26.10 1.80 -2.14	29.81 0.10 -28.33	30.75 0.87 -18.72	39.97 1.53 -19.20	39.99 1.53 -19.54	29.44 1.50 -9.71	29.60 2.11 0.00	27.55 1.89 0.00	24.31 1.55 0.00	26.83 1.71 0.00	28.71 1.75 0.00
BETHLEHEM___GRP 23843	35.59 -0.26 -63.76	36.84 -0.22 -63.54	37.20 -0.25 -66.06	35.56 -0.23 -64.19	32.69 -0.24 -59.06	36.80 0.00 -37.30	50.67 -0.07 -59.48	41.21 -0.01 -43.09	29.58 0.05 -24.72	26.22 -0.04 -29.84	24.18 0.13 -14.52	23.23 0.28 -0.76	26.12 0.19 -12.09	25.08 0.32 -2.59	35.18 0.02 -33.79	33.96 0.16 -22.64	42.74 0.27 -23.23	42.85 0.29 -23.64	30.25 0.27 -11.74	27.82 0.33 0.00	25.97 0.30 0.00	23.01 0.25 0.00	25.34 0.22 0.00	27.07 0.11 0.00
BETHLEHEM___GS1 323560	35.60 -0.25 -63.76	36.85 -0.21 -63.54	37.20 -0.24 -66.06	35.57 -0.23 -64.19	32.70 -0.24 -59.06	36.80 0.00 -37.30	50.67 -0.07 -59.48	41.21 -0.01 -43.09	29.58 0.05 -24.72	26.22 -0.04 -29.84	24.18 0.13 -14.52	23.24 0.28 -0.76	26.12 0.19 -12.09	25.08 0.32 -2.59	35.18 0.02 -33.79	33.96 0.16 -22.64	42.74 0.27 -23.23	42.85 0.29 -23.64	30.25 0.27 -11.74	27.82 0.33 0.00	25.97 0.31 0.00	23.00 0.25 0.00	25.34 0.22 0.00	27.07 0.11 0.00
BETHLEHEM___GS2 323561	35.60 -0.25 -63.76	36.85 -0.21 -63.54	37.20 -0.24 -66.06	35.57 -0.23 -64.19	32.70 -0.24 -59.06	36.80 0.00 -37.30	50.67 -0.07 -59.48	41.21 -0.01 -43.09	29.58 0.05 -24.72	26.22 -0.04 -29.84	24.18 0.13 -14.52	23.24 0.28 -0.76	26.12 0.19 -12.09	25.08 0.32 -2.59	35.18 0.02 -33.79	33.96 0.16 -22.64	42.74 0.27 -23.23	42.85 0.29 -23.64	30.25 0.27 -11.74	27.82 0.33 0.00	25.97 0.31 0.00	23.00 0.25 0.00	25.34 0.22 0.00	27.07 0.11 0.00
BETHLEHEM___GS3 323562	35.60 -0.25 -63.76	36.85 -0.21 -63.54	37.20 -0.24 -66.06	35.57 -0.23 -64.19	32.70 -0.24 -59.06	36.80 0.00 -37.30	50.67 -0.07 -59.48	41.21 -0.01 -43.09	29.58 0.05 -24.72	26.22 -0.04 -29.84	24.18 0.13 -14.52	23.24 0.28 -0.76	26.12 0.19 -12.09	25.08 0.32 -2.59	35.18 0.02 -33.79	33.96 0.16 -22.64	42.74 0.27 -23.23	42.85 0.29 -23.64	30.25 0.27 -11.74	27.82 0.33 0.00	25.97 0.31 0.00	23.00 0.25 0.00	25.34 0.22 0.00	27.07 0.11 0.00
BETHLEHEM___STEEL 23779	-13.60 -0.05 -14.37	-9.93 -0.16 -16.71	-10.61 -0.26 -18.26	-2.18 -0.36 -26.58	67.72 -0.34 -94.19	7.97 -0.02 -8.50	4.72 0.05 -13.41	7.95 0.03 -9.78	10.30 -0.08 -5.58	3.19 0.04 -6.73	12.61 -0.19 -3.27	22.07 -0.30 -0.17	16.19 -0.36 -2.70	22.42 -0.33 -0.58	8.99 -0.02 -7.65	16.07 -0.14 -5.05	24.23 -0.19 -5.18	23.79 -0.41 -5.27	20.31 -0.54 -2.62	26.73 -0.76 0.00	25.02 -0.65 0.00	22.11 -0.64 0.00	24.62 -0.50 0.00	26.79 -0.16 0.00
BETHLHEM_115KV_TB1 79974	35.47 -0.35 -63.73	36.72 -0.31 -63.51	37.07 -0.34 -66.03	35.43 -0.33 -64.16	32.58 -0.32 -59.03	36.78 -0.01 -37.28	50.61 -0.10 -59.45	41.18 -0.02 -43.07	29.59 0.07 -24.71	26.19 -0.05 -29.82	24.21 0.16 -14.52	23.30 0.35 -0.76	26.16 0.23 -12.08	25.14 0.39 -2.58	35.20 0.02 -33.81	33.98 0.18 -22.63	42.79 0.33 -23.22	42.89 0.34 -23.63	30.29 0.33 -11.74	27.90 0.42 0.00	26.04 0.38 0.00	23.07 0.31 0.00	25.41 0.30 0.00	27.16 0.20 0.00
BETHPAGE_CC_5 323564	22.86 -1.87 -52.65	24.21 -1.78 -52.46	24.06 -1.87 -54.54	22.78 -1.82 -53.00	20.99 -1.65 -48.77	30.26 -0.03 -30.80	39.80 -0.57 -49.11	33.62 -0.13 -35.62	25.59 0.35 -20.44	20.81 -0.26 -24.66	22.31 0.78 -12.00	24.56 1.74 -0.63	24.96 1.13 -9.99	26.11 1.81 -2.14	29.80 0.11 -28.33	30.79 0.92 -18.72	39.94 1.51 -19.20	39.96 1.50 -19.54	29.45 1.51 -9.71	29.63 2.15 0.00	27.61 1.94 0.00	24.34 1.59 0.00	26.86 1.74 0.00	28.73 1.77 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	-13.59 -0.12 -14.45	-9.91 -0.21 -16.77	-10.61 -0.32 -18.32	-2.26 -0.44 -26.57	67.11 -0.43 -93.66	8.02 -0.02 -8.54	4.77 0.02 -13.49	7.99 0.03 -9.84	10.35 -0.06 -5.61	3.22 0.03 -6.77	12.67 -0.15 -3.29	22.16 -0.20 -0.17	16.27 -0.30 -2.72	22.51 -0.24 -0.58	9.04 -0.02 -7.69	16.15 -0.09 -5.08	24.35 -0.10 -5.21	23.91 -0.32 -5.31	20.41 -0.46 -2.64	26.86 -0.62 0.00	25.14 -0.53 0.00	22.22 -0.54 0.00	24.73 -0.39 0.00	26.91 -0.04 0.00
BINGHAMTON___COGEN 23790	-5.33 -0.42 -23.01	-3.44 -0.36 -23.40	-4.54 -0.42 -24.50	-3.31 -0.46 -25.55	10.69 -0.42 -37.23	12.97 -0.01 -13.48	12.60 -0.13 -21.48	13.73 -0.02 -15.62	13.81 0.08 -8.93	7.16 -0.04 -10.78	14.90 0.12 -5.24	22.79 0.32 -0.27	18.40 0.19 -4.36	23.44 0.34 -0.93	13.76 0.02 -12.37	19.52 0.18 -8.17	27.97 0.35 -8.38	27.75 0.30 -8.53	22.72 0.25 -4.24	27.84 0.35 0.00	25.90 0.23 0.00	22.96 0.20 0.00	25.43 0.31 0.00	27.36 0.40 0.00
BIXINCNT_115KV_LOAD 355685	-12.86 0.26 -14.80	-9.08 0.35 -17.05	-9.85 0.18 -18.58	-2.01 -0.15 -26.54	65.03 -0.22 -91.37	8.24 -0.01 -8.75	5.12 0.04 -13.82	8.23 0.01 -10.08	10.48 -0.07 -5.75	3.40 0.05 -6.93	12.68 -0.23 -3.37	22.18 -0.20 -0.17	16.31 -0.32 -2.79	22.42 -0.35 -0.60	9.26 0.00 -7.89	16.42 0.05 -5.21	24.79 0.20 -5.35	24.40 0.04 -5.44	20.82 -0.12 -2.70	27.27 -0.22 0.00	25.44 -0.22 0.00	22.61 -0.15 0.00	25.24 0.12 0.00	27.49 0.53 0.00

BLACK RIVER___HYD 24047	-19.50 1.48 -6.94	-17.93 1.55 -7.01	-19.78 1.56 -7.29	-19.81 1.51 -7.08	-18.02 1.60 -6.51	3.68 0.07 -4.11	-1.83 0.33 -6.58	3.07 0.08 -4.86	7.30 -0.24 -2.73	-0.12 0.17 -3.29	10.66 -0.48 -1.60	21.23 -1.06 -0.08	14.60 -0.58 -1.34	21.48 -0.98 -0.28	5.33 -0.06 -4.02	13.25 -0.48 -2.58	21.05 -0.76 -2.57	20.94 -0.58 -2.61	19.34 -0.19 -1.30	27.70 0.22 0.00	25.40 -0.26 0.00	22.73 -0.02 0.00	24.91 -0.20 0.00	26.86 -0.09 0.00
BLACKRVR_115KV_TB2 79977	-19.50 1.48 -6.94	-17.92 1.55 -7.01	-19.77 1.56 -7.29	-19.81 1.51 -7.08	-18.04 1.57 -6.51	3.68 0.07 -4.11	-1.83 0.33 -6.58	3.07 0.08 -4.86	7.30 -0.24 -2.73	-0.12 0.17 -3.29	10.66 -0.48 -1.60	21.23 -1.05 -0.08	14.59 -0.58 -1.34	21.48 -0.98 -0.28	5.33 -0.06 -4.02	13.25 -0.48 -2.58	21.05 -0.76 -2.57	20.94 -0.58 -2.61	19.35 -0.18 -1.30	27.70 0.22 0.00	25.40 -0.27 0.00	22.73 -0.03 0.00	24.91 -0.20 0.00	26.86 -0.09 0.00
BLISS_WT_PWR 323608	-12.61 0.50 -14.80	-8.80 0.63 -17.05	-9.56 0.47 -18.58	-1.72 0.14 -26.54	65.18 -0.06 -91.37	8.24 -0.01 -8.75	5.17 0.09 -13.82	8.23 0.02 -10.08	10.46 -0.09 -5.75	3.42 0.07 -6.93	12.60 -0.30 -3.37	22.02 -0.35 -0.17	16.20 -0.43 -2.79	22.24 -0.53 -0.60	9.26 0.00 -7.89	16.40 0.02 -5.21	24.78 0.19 -5.35	24.40 0.04 -5.44	20.81 -0.12 -2.70	27.20 -0.29 0.00	25.38 -0.29 0.00	22.59 -0.17 0.00	25.22 0.10 0.00	27.48 0.52 0.00
BLUESTONE___WT_PWR 323821	-5.58 -1.50 -23.84	-3.77 -1.38 -24.10	-4.96 -1.52 -25.18	-4.26 -1.59 -25.73	6.12 -1.38 -33.63	13.41 -0.04 -13.96	13.08 -0.42 -22.25	14.23 -0.08 -16.18	14.29 0.23 -9.25	7.44 -0.14 -11.17	15.39 0.43 -5.43	23.51 1.03 -0.28	18.93 0.56 -4.52	24.17 1.03 -0.97	14.26 0.08 -12.82	20.21 0.58 -8.47	29.11 1.18 -8.69	28.85 1.09 -8.84	23.58 0.95 -4.39	28.96 1.48 0.00	26.95 1.29 0.00	23.78 1.03 0.00	26.25 1.13 0.00	28.18 1.22 0.00
BLUE_CIRC_CHEM_DRP 24182	35.01 -0.60 -63.53	36.26 -0.56 -63.30	36.59 -0.61 -65.82	34.95 -0.60 -63.95	32.15 -0.57 -58.84	36.65 -0.01 -37.16	50.34 -0.17 -59.26	41.04 -0.04 -42.95	29.55 0.10 -24.64	26.08 -0.08 -29.74	24.24 0.23 -14.47	23.48 0.53 -0.75	26.24 0.34 -12.05	25.32 0.57 -2.58	35.28 0.03 -33.88	34.01 0.28 -22.57	42.87 0.48 -23.15	42.97 0.49 -23.56	30.41 0.47 -11.70	28.13 0.64 0.00	26.25 0.58 0.00	23.25 0.49 0.00	25.62 0.50 0.00	27.41 0.46 0.00
BOC_GAS_DRP 24189	35.06 -0.57 -63.54	36.31 -0.53 -63.32	36.64 -0.58 -65.84	35.00 -0.57 -63.97	32.20 -0.54 -58.86	36.66 -0.01 -37.17	50.37 -0.16 -59.28	41.06 -0.03 -42.96	29.55 0.10 -24.65	26.09 -0.07 -29.75	24.24 0.22 -14.48	23.45 0.50 -0.75	26.23 0.33 -12.05	25.28 0.54 -2.58	35.32 0.03 -33.92	34.00 0.26 -22.58	42.85 0.45 -23.16	42.95 0.46 -23.57	30.39 0.45 -11.71	28.10 0.61 0.00	26.22 0.55 0.00	23.21 0.46 0.00	25.60 0.48 0.00	27.39 0.43 0.00
BOONVILLE_115KV_TB1 79983	-23.77 0.35 -3.80	-22.19 0.44 -3.84	-24.28 0.34 -4.00	-24.26 0.25 -3.88	-22.07 0.48 -3.57	1.81 0.05 -2.26	-5.12 -0.01 -3.63	0.91 0.01 -2.77	6.26 -0.04 -1.50	-1.74 0.04 -1.81	10.26 -0.16 -0.88	21.97 -0.27 -0.05	14.44 -0.14 -0.73	22.09 -0.23 -0.16	3.43 -0.01 -2.08	12.41 -0.12 -1.37	20.49 -0.16 -1.41	20.25 -0.10 -1.43	19.02 0.07 -0.71	27.91 0.42 0.00	25.93 0.27 0.00	23.02 0.26 0.00	25.31 0.19 0.00	27.20 0.24 0.00
BORALEX_4TH_BRANCH 23824	34.26 -1.34 -63.52	35.64 -1.17 -63.29	35.82 -1.37 -65.81	34.25 -1.30 -63.94	31.51 -1.20 -58.83	36.63 -0.02 -37.16	50.13 -0.39 -59.26	41.12 -0.09 -43.08	29.74 0.21 -24.72	26.08 -0.17 -29.83	24.52 0.46 -14.52	24.04 1.09 -0.76	26.62 0.70 -12.08	25.92 1.16 -2.58	36.50 0.07 -35.07	34.36 0.56 -22.64	43.40 0.94 -23.22	43.51 0.96 -23.63	30.83 0.86 -11.74	28.76 1.28 0.00	26.87 1.21 0.00	23.80 1.04 0.00	26.15 1.03 0.00	27.87 0.92 0.00
BOWLINE___1 23526	21.98 -1.43 -51.34	23.29 -1.39 -51.15	23.12 -1.45 -53.19	21.86 -1.42 -51.68	20.09 -1.33 -47.55	29.50 -0.03 -30.03	38.70 -0.45 -47.89	32.76 -0.11 -34.73	24.99 0.26 -19.93	20.27 -0.19 -24.05	21.79 0.55 -11.70	24.04 1.23 -0.61	24.41 0.82 -9.74	25.56 1.31 -2.08	29.06 0.08 -27.62	30.05 0.64 -18.25	39.08 1.12 -18.72	39.13 1.16 -19.05	28.81 1.11 -9.46	29.02 1.53 0.00	27.01 1.35 0.00	23.86 1.10 0.00	26.37 1.26 0.00	28.26 1.30 0.00
BOWLINE___2 23595	22.02 -1.42 -51.35	23.31 -1.38 -51.18	23.16 -1.43 -53.20	21.90 -1.40 -51.70	20.13 -1.31 -47.57	29.51 -0.03 -30.04	38.72 -0.45 -47.91	32.78 -0.10 -34.74	24.99 0.25 -19.93	20.28 -0.19 -24.05	21.79 0.54 -11.71	24.03 1.22 -0.61	24.40 0.81 -9.74	25.56 1.30 -2.08	29.07 0.07 -27.63	30.05 0.63 -18.26	39.08 1.11 -18.73	39.12 1.14 -19.06	28.80 1.10 -9.47	29.01 1.52 0.00	27.00 1.34 0.00	23.85 1.09 0.00	26.37 1.25 0.00	28.25 1.29 0.00
BRADY___115KV_TB2 356060	-24.12 1.98 -1.82	-22.40 1.76 -2.32	-24.31 1.90 -2.41	-23.80 2.26 -2.34	-21.89 2.08 -2.15	0.90 0.04 -1.36	-5.94 0.64 -2.16	-0.18 0.12 -1.56	5.43 0.12 -0.91	-2.27 0.22 -1.09	9.39 -0.67 -0.53	20.70 -1.53 -0.03	13.14 -1.15 -0.44	20.65 -1.62 -0.09	2.88 -0.10 -1.61	11.16 -0.95 -0.94	18.58 -1.50 -0.85	18.15 -1.63 -0.86	17.11 -1.56 -0.43	26.63 -0.86 0.00	25.74 0.08 0.00	22.73 -0.03 0.00	24.72 -0.40 0.00	26.86 -0.10 0.00
BRANSCOMB___SOLAR 323811	35.90 -1.45 -65.26	37.23 -1.33 -65.04	37.55 -1.45 -67.62	35.89 -1.42 -65.70	32.94 -1.38 -60.45	37.65 -0.02 -38.18	51.65 -0.50 -60.89	42.26 -0.11 -44.24	30.47 0.28 -25.39	26.85 -0.20 -30.64	24.98 0.53 -14.91	24.23 1.25 -0.78	27.06 0.81 -12.41	26.13 1.30 -2.66	37.24 0.08 -35.79	35.04 0.63 -23.25	44.18 1.09 -23.85	44.29 1.10 -24.27	31.28 0.99 -12.06	28.97 1.48 0.00	27.02 1.35 0.00	23.89 1.13 0.00	26.36 1.24 0.00	28.14 1.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.49 -2.24 -52.65	23.85 -2.13 -52.46	23.65 -2.28 -54.54	22.39 -2.22 -53.00	20.67 -1.97 -48.77	30.26 -0.04 -30.80	39.69 -0.68 -49.11	33.60 -0.15 -35.62	25.66 0.42 -20.44	20.77 -0.31 -24.66	22.44 0.90 -12.00	24.77 1.95 -0.63	25.14 1.31 -9.99	26.41 2.10 -2.14	29.83 0.13 -28.33	30.97 1.09 -18.72	40.24 1.81 -19.20	40.23 1.77 -19.54	29.74 1.79 -9.71	30.00 2.51 0.00	27.98 2.31 0.00	24.74 1.89 -0.10	27.20 2.08 0.00	29.08 2.12 0.00
BRISTLHL_115KV_TB1 79998	-18.11 0.30 -9.51	-16.71 0.29 -9.49	-18.44 0.31 -9.86	-18.52 0.29 -9.58	-17.04 0.27 -8.82	5.07 0.00 -5.57	0.23 0.08 -8.90	4.69 0.02 -6.53	8.45 -0.05 -3.70	0.92 0.04 -4.46	11.59 -0.12 -2.17	22.05 -0.26 -0.11	15.48 -0.18 -1.81	22.26 -0.29 -0.39	6.48 -0.01 -5.12	14.43 -0.12 -3.39	22.49 -0.22 -3.47	22.23 -0.22 -3.54	19.75 -0.24 -1.76	27.04 -0.44 0.00	25.22 -0.44 0.00	22.40 -0.35 0.00	24.72 -0.40 0.00	26.58 -0.37 0.00
BROOKHAVEN___DRP 24191	22.64 -2.09 -52.65	23.99 -2.00 -52.46	23.80 -2.13 -54.54	22.53 -2.08 -53.00	20.76 -1.87 -48.77	30.26 -0.04 -30.80	39.74 -0.63 -49.11	33.61 -0.14 -35.62	25.64 0.40 -20.44	20.79 -0.29 -24.66	22.38 0.84 -12.00	24.68 1.85 -0.63	25.03 1.19 -9.99	26.21 1.91 -2.14	29.81 0.12 -28.33	30.87 0.99 -18.72	40.03 1.60 -19.20	40.05 1.60 -19.54	29.55 1.61 -9.71	29.72 2.23 0.00	27.79 2.12 0.00	25.55 1.81 -0.99	27.08 1.96 0.00	28.93 1.97 0.00

BROOKLYN_NAVY_YARD 23515	23.18 -1.56 -52.65	24.48 -1.51 -52.47	24.38 -1.56 -54.55	23.07 -1.54 -53.01	21.17 -1.47 -48.77	30.27 -0.03 -30.80	39.88 -0.50 -49.12	33.64 -0.11 -35.62	25.54 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.33 1.51 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.64 0.76 -18.72	39.75 1.32 -19.20	39.80 1.34 -19.54	29.25 1.30 -9.71	29.31 1.82 0.00	27.27 1.61 0.00	24.07 1.31 0.00	26.56 1.44 0.00	28.41 1.45 0.00
BROOKLYN___ARMY_DRP 323595	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.60 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.41 -19.20	39.88 1.42 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.41 1.74 0.00	24.19 1.43 0.00	26.70 1.58 0.00	28.58 1.62 0.00
BROOKVLE_69_KV_TB1 55790	22.80 -1.93 -52.65	24.13 -1.85 -52.46	23.99 -1.94 -54.54	22.71 -1.89 -53.00	20.92 -1.72 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.60 0.36 -20.44	20.81 -0.27 -24.66	22.34 0.80 -12.00	24.62 1.80 -0.63	25.01 1.17 -9.99	26.18 1.87 -2.14	29.81 0.12 -28.33	30.82 0.94 -18.72	40.03 1.59 -19.20	40.04 1.58 -19.54	29.51 1.57 -9.71	29.70 2.21 0.00	27.67 2.01 0.00	24.39 1.63 0.00	26.92 1.80 0.00	28.78 1.83 0.00
BROOME_2_LFGE 323671	-5.32 -0.41 -23.01	-3.43 -0.35 -23.40	-4.52 -0.41 -24.50	-3.29 -0.43 -25.55	10.68 -0.42 -37.23	12.97 -0.01 -13.48	12.60 -0.13 -21.48	13.73 -0.02 -15.62	13.81 0.08 -8.93	7.16 -0.04 -10.78	14.90 0.12 -5.24	22.79 0.32 -0.27	18.40 0.19 -4.36	23.44 0.34 -0.93	13.76 0.03 -12.37	19.52 0.18 -8.17	27.97 0.35 -8.38	27.75 0.30 -8.53	22.72 0.25 -4.24	27.84 0.35 0.00	25.89 0.23 0.00	22.96 0.20 0.00	25.43 0.31 0.00	27.36 0.40 0.00
BROOME___LFGE 323600	-5.32 -0.41 -23.01	-3.43 -0.35 -23.40	-4.52 -0.41 -24.50	-3.29 -0.43 -25.55	10.68 -0.42 -37.23	12.97 -0.01 -13.48	12.60 -0.13 -21.48	13.73 -0.02 -15.62	13.81 0.08 -8.93	7.16 -0.04 -10.78	14.90 0.12 -5.24	22.79 0.32 -0.27	18.40 0.19 -4.36	23.44 0.34 -0.93	13.76 0.03 -12.37	19.52 0.18 -8.17	27.97 0.35 -8.38	27.75 0.30 -8.53	22.72 0.25 -4.24	27.84 0.35 0.00	25.89 0.23 0.00	22.96 0.20 0.00	25.43 0.31 0.00	27.36 0.40 0.00
BROWNFLS_115KV_TB_3_5 80003	-22.57 2.04 -3.31	-20.85 2.03 -3.60	-22.83 2.04 -3.75	-22.64 2.12 -3.64	-20.56 2.22 -3.35	1.70 0.09 -2.12	-4.81 0.55 -3.39	0.77 0.13 -2.51	5.88 -0.33 -1.41	-1.64 0.25 -1.69	9.63 -0.73 -0.82	20.59 -1.66 -0.04	13.44 -1.09 -0.69	20.64 -1.68 -0.15	3.97 -0.10 -2.71	11.77 -0.92 -1.53	19.08 -1.47 -1.32	18.82 -1.45 -1.34	17.75 -1.15 -0.67	26.79 -0.69 0.00	25.28 -0.38 0.00	22.42 -0.33 0.00	24.48 -0.64 0.00	26.51 -0.44 0.00
BROWNSV1_27_KV_LOAD 356125	22.89 -1.85 -52.65	24.23 -1.76 -52.47	24.10 -1.83 -54.55	22.80 -1.81 -53.01	20.94 -1.71 -48.77	30.27 -0.04 -30.80	39.79 -0.59 -49.12	33.62 -0.14 -35.62	25.59 0.35 -20.44	20.81 -0.27 -24.66	22.31 0.77 -12.00	24.57 1.75 -0.63	24.99 1.15 -9.99	26.14 1.83 -2.14	29.80 0.11 -28.33	30.77 0.89 -18.72	39.97 1.54 -19.20	40.02 1.56 -19.54	29.45 1.51 -9.71	29.61 2.12 0.00	27.56 1.89 0.00	24.32 1.56 0.00	26.83 1.72 0.00	28.70 1.75 0.00
BURROWS___LYONSDAL 23803	-23.31 0.71 -3.89	-21.67 0.85 -3.96	-23.78 0.72 -4.12	-23.80 0.59 -4.01	-21.55 0.89 -3.69	1.90 0.08 -2.33	-4.93 0.08 -3.74	1.01 0.04 -2.84	6.23 -0.11 -1.54	-1.63 0.09 -1.86	10.14 -0.30 -0.91	21.64 -0.61 -0.05	14.26 -0.33 -0.76	21.77 -0.57 -0.16	3.68 -0.03 -2.35	12.36 -0.29 -1.48	20.25 -0.43 -1.45	20.04 -0.36 -1.48	18.88 -0.09 -0.73	27.76 0.28 0.00	25.74 0.08 0.00	22.87 0.12 0.00	25.13 0.01 0.00	27.04 0.08 0.00
CAITHNESS_CC_1 323624	22.72 -2.02 -52.65	24.05 -1.93 -52.46	23.88 -2.05 -54.54	22.60 -2.00 -53.00	20.84 -1.80 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.62 0.38 -20.44	20.80 -0.27 -24.66	22.36 0.82 -12.00	24.63 1.81 -0.63	25.00 1.16 -9.99	26.17 1.86 -2.14	29.81 0.12 -28.33	30.84 0.96 -18.72	39.97 1.54 -19.20	39.99 1.53 -19.54	29.49 1.55 -9.71	29.63 2.14 0.00	27.71 2.04 0.00	25.49 1.74 -0.99	27.01 1.89 0.00	28.85 1.89 0.00
CALPINE_BETH_PAGE_GT4 24209	22.93 -1.80 -52.65	24.26 -1.72 -52.46	24.12 -1.80 -54.54	22.85 -1.75 -53.00	21.06 -1.58 -48.77	30.27 -0.03 -30.80	39.82 -0.55 -49.11	33.63 -0.12 -35.62	25.58 0.35 -20.44	20.82 -0.25 -24.66	22.29 0.75 -12.00	24.50 1.68 -0.63	24.93 1.10 -9.99	26.06 1.75 -2.14	29.80 0.11 -28.33	30.76 0.88 -18.72	39.86 1.43 -19.20	39.88 1.42 -19.54	29.38 1.43 -9.71	29.58 2.09 0.00	27.54 1.88 0.00	24.29 1.53 0.00	26.80 1.68 0.00	28.66 1.70 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.93 -1.80 -52.65	24.26 -1.72 -52.46	24.13 -1.80 -54.54	22.85 -1.75 -53.00	21.06 -1.58 -48.77	30.27 -0.03 -30.80	39.82 -0.55 -49.11	33.63 -0.12 -35.62	25.58 0.35 -20.44	20.82 -0.25 -24.66	22.29 0.75 -12.00	24.51 1.68 -0.63	24.93 1.10 -9.99	26.06 1.75 -2.14	29.80 0.11 -28.33	30.76 0.89 -18.72	39.86 1.43 -19.20	39.88 1.42 -19.54	29.38 1.44 -9.71	29.58 2.09 0.00	27.54 1.88 0.00	24.29 1.53 0.00	26.80 1.68 0.00	28.66 1.70 0.00
CALPINE_BP_GT1 23823	22.93 -1.80 -52.65	24.26 -1.72 -52.46	24.13 -1.80 -54.54	22.85 -1.75 -53.00	21.06 -1.58 -48.77	30.27 -0.03 -30.80	39.82 -0.55 -49.11	33.63 -0.12 -35.62	25.58 0.35 -20.44	20.82 -0.25 -24.66	22.29 0.75 -12.00	24.51 1.68 -0.63	24.93 1.10 -9.99	26.06 1.75 -2.14	29.80 0.11 -28.33	30.76 0.89 -18.72	39.86 1.43 -19.20	39.88 1.42 -19.54	29.38 1.44 -9.71	29.58 2.09 0.00	27.54 1.88 0.00	24.29 1.53 0.00	26.80 1.68 0.00	28.66 1.70 0.00
CALSPAN___DRP 24200	-13.60 -0.05 -14.37	-9.93 -0.16 -16.71	-10.61 -0.26 -18.26	-2.18 -0.36 -26.58	67.72 -0.34 -94.19	7.97 -0.02 -8.50	4.72 0.05 -13.41	7.95 0.03 -9.78	10.30 -0.08 -5.58	3.19 0.04 -6.73	12.61 -0.19 -3.27	22.07 -0.30 -0.17	16.19 -0.36 -2.70	22.42 -0.33 -0.58	8.99 -0.02 -7.65	16.07 -0.14 -5.05	24.23 -0.19 -5.18	23.79 -0.41 -5.27	20.31 -0.54 -2.62	26.73 -0.76 0.00	25.02 -0.65 0.00	22.11 -0.64 0.00	24.62 -0.50 0.00	26.79 -0.16 0.00
CALVERTON___SOLAR 323806	22.55 -2.18 -52.65	23.91 -2.08 -52.46	23.71 -2.21 -54.54	22.44 -2.16 -53.00	20.68 -1.96 -48.77	30.26 -0.04 -30.80	39.71 -0.67 -49.11	33.61 -0.15 -35.62	25.65 0.41 -20.44	20.78 -0.30 -24.66	22.40 0.87 -12.00	24.73 1.91 -0.63	25.06 1.23 -9.99	26.27 1.97 -2.14	29.82 0.13 -28.33	30.92 1.04 -18.72	40.11 1.67 -19.20	40.13 1.67 -19.54	29.63 1.69 -9.71	29.83 2.34 0.00	27.89 2.22 0.00	25.64 1.90 -0.99	27.17 2.05 0.00	29.02 2.06 0.00
CANDIGU_WT_PWR 323617	-9.64 0.79 -17.49	-6.77 0.78 -18.93	-7.65 0.73 -20.24	-2.58 0.59 -25.22	41.42 0.52 -67.03	9.79 0.00 -10.29	7.81 0.22 -16.33	10.10 0.07 -11.89	11.46 -0.13 -6.79	4.73 0.12 -8.19	13.24 -0.28 -3.99	21.82 -0.59 -0.21	16.69 -0.47 -3.31	22.30 -0.58 -0.71	10.72 -0.03 -9.38	17.16 -0.20 -6.20	25.38 -0.21 -6.35	25.18 -0.21 -6.47	21.17 -0.27 -3.21	27.03 -0.46 0.00	25.09 -0.58 0.00	22.25 -0.50 0.00	24.87 -0.25 0.00	26.90 -0.06 0.00

CARR STREET_E_SYR 24060	-17.62 0.09 -10.21	-16.21 0.08 -10.19	-17.94 0.08 -10.59	-18.05 0.06 -10.29	-16.62 0.04 -9.47	5.48 0.00 -5.98	0.83 0.01 -9.56	5.21 0.00 -7.07	8.76 -0.01 -3.97	1.22 0.01 -4.79	11.82 -0.05 -2.33	22.24 -0.08 -0.12	15.72 -0.06 -1.94	22.49 -0.09 -0.41	6.87 0.00 -5.50	14.78 -0.02 -3.63	22.91 -0.06 -3.73	22.64 -0.07 -3.80	20.02 -0.10 -1.89	27.25 -0.24 0.00	25.41 -0.26 0.00	22.55 -0.21 0.00	24.91 -0.21 0.00	26.78 -0.18 0.00
CARTHAGE___PAPER 23857	-20.52 1.48 -5.92	-18.88 1.58 -6.02	-20.83 1.53 -6.26	-20.86 1.46 -6.08	-18.82 1.71 -5.60	3.12 0.09 -3.53	-2.78 0.31 -5.65	2.40 0.08 -4.19	6.91 -0.24 -2.34	-0.57 0.18 -2.83	10.38 -0.53 -1.38	21.11 -1.16 -0.07	14.33 -0.66 -1.15	21.34 -1.08 -0.25	4.87 -0.07 -3.57	12.86 -0.55 -2.25	20.59 -0.86 -2.20	20.44 -0.72 -2.24	19.02 -0.32 -1.11	27.67 0.18 0.00	25.53 -0.13 0.00	22.77 0.01 0.00	24.93 -0.19 0.00	26.91 -0.05 0.00
CASSADAGA_WT_PWR 323784	-12.64 0.50 -14.77	-9.09 0.35 -17.04	-9.75 0.29 -18.58	-1.55 0.25 -26.60	65.91 0.08 -91.96	8.23 0.00 -8.73	5.21 0.16 -13.79	8.23 0.03 -10.06	10.41 -0.13 -5.73	3.44 0.11 -6.92	12.63 -0.26 -3.36	21.75 -0.62 -0.17	16.20 -0.42 -2.78	22.61 -0.15 -0.59	9.24 0.00 -7.88	16.44 0.08 -5.20	25.05 0.48 -5.34	24.60 0.25 -5.43	20.86 -0.07 -2.70	27.51 0.02 0.00	25.75 0.08 0.00	22.75 -0.01 0.00	25.30 0.18 0.00	27.49 0.54 0.00
CE_DUNWOOD___DRP 24194	23.18 -1.50 -52.60	24.48 -1.46 -52.41	24.36 -1.51 -54.49	23.08 -1.47 -52.95	21.20 -1.39 -48.72	30.24 -0.03 -30.77	39.85 -0.47 -49.07	33.61 -0.11 -35.58	25.50 0.28 -20.41	20.84 -0.21 -24.63	22.14 0.61 -11.99	24.19 1.37 -0.63	24.73 0.91 -9.98	25.75 1.44 -2.14	29.75 0.08 -28.30	30.56 0.71 -18.70	39.64 1.22 -19.18	39.68 1.25 -19.52	29.14 1.21 -9.70	29.17 1.68 0.00	27.16 1.49 0.00	23.98 1.22 0.00	26.48 1.36 0.00	28.35 1.39 0.00
CE_MILLWOOD___DRP 24193	23.07 -1.47 -52.46	24.38 -1.41 -52.27	24.26 -1.47 -54.35	22.98 -1.44 -52.81	21.12 -1.35 -48.59	30.15 -0.03 -30.68	39.73 -0.46 -48.94	33.52 -0.11 -35.49	25.43 0.27 -20.36	20.79 -0.20 -24.57	22.08 0.58 -11.96	24.14 1.32 -0.62	24.67 0.87 -9.95	25.69 1.39 -2.13	29.67 0.08 -28.22	30.48 0.68 -18.65	39.55 1.18 -19.13	39.59 1.20 -19.47	29.07 1.16 -9.67	29.11 1.62 0.00	27.10 1.44 0.00	23.93 1.17 0.00	26.44 1.32 0.00	28.30 1.34 0.00
CE_NYC2_DRP 24202	23.12 -1.62 -52.66	24.43 -1.56 -52.47	24.32 -1.62 -54.55	23.02 -1.59 -53.01	21.13 -1.52 -48.78	30.27 -0.04 -30.80	39.87 -0.51 -49.12	33.64 -0.11 -35.63	25.56 0.31 -20.44	20.84 -0.24 -24.66	22.23 0.69 -12.00	24.39 1.56 -0.63	24.87 1.04 -9.99	25.93 1.63 -2.14	29.79 0.09 -28.33	30.67 0.79 -18.72	39.80 1.36 -19.20	39.84 1.38 -19.54	29.28 1.34 -9.71	29.36 1.87 0.00	27.32 1.66 0.00	24.11 1.35 0.00	26.61 1.49 0.00	28.48 1.52 0.00
CE_NYC_DRP 24195	23.11 -1.63 -52.65	24.43 -1.56 -52.47	24.31 -1.62 -54.55	23.02 -1.59 -53.01	21.13 -1.51 -48.77	30.27 -0.03 -30.80	39.86 -0.52 -49.12	33.64 -0.12 -35.62	25.56 0.31 -20.44	20.84 -0.24 -24.66	22.23 0.69 -12.00	24.39 1.56 -0.63	24.87 1.03 -9.99	25.94 1.64 -2.14	29.79 0.09 -28.33	30.67 0.79 -18.72	39.81 1.37 -19.20	39.84 1.39 -19.54	29.29 1.35 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.12 1.36 0.00	26.62 1.51 0.00	28.48 1.52 0.00
CHAFFEE___LFGE 323603	-13.42 -0.08 -14.58	-9.76 -0.16 -16.88	-10.45 -0.26 -18.42	-2.18 -0.35 -26.56	66.24 -0.42 -92.79	8.10 -0.02 -8.62	4.92 0.04 -13.62	8.10 0.03 -9.93	10.40 -0.07 -5.66	3.29 0.04 -6.83	12.68 -0.17 -3.32	22.11 -0.27 -0.17	16.27 -0.32 -2.74	22.47 -0.29 -0.59	9.12 -0.02 -7.77	16.16 -0.13 -5.13	24.32 -0.18 -5.27	23.89 -0.39 -5.36	20.37 -0.52 -2.66	26.76 -0.72 0.00	25.05 -0.62 0.00	22.13 -0.62 0.00	24.62 -0.50 0.00	26.79 -0.17 0.00
CHATEAUG_35_KV_LOAD 355732	-24.10 2.29 -1.53	-22.22 2.19 -2.06	-24.17 2.30 -2.15	-23.46 2.85 -2.09	-21.58 2.63 -1.92	0.76 0.05 -1.21	-5.96 0.85 -1.93	-0.33 0.16 -1.38	5.20 -0.41 -0.80	-2.31 0.30 -0.97	9.16 -0.84 -0.47	20.17 -2.05 -0.02	12.67 -1.57 -0.39	19.97 -2.29 -0.08	-6.91 -0.15 8.13	7.51 -1.40 2.25	17.72 -2.28 -0.76	17.38 -2.31 -0.77	16.51 -2.11 -0.38	26.06 -1.43 0.00	25.46 -0.20 0.00	22.39 -0.36 0.00	24.24 -0.88 0.00	26.50 -0.46 0.00
CHATEAUG_WT_PWR 323614	-24.21 2.26 -1.45	-22.28 2.20 -2.00	-24.29 2.25 -2.08	-23.44 2.94 -2.02	-21.34 2.92 -1.86	0.72 0.05 -1.17	-6.01 0.86 -1.87	-0.37 0.17 -1.33	5.16 -0.42 -0.78	-2.34 0.31 -0.94	9.15 -0.84 -0.46	20.16 -2.06 -0.02	12.64 -1.58 -0.38	19.93 -2.32 -0.08	-6.32 -0.15 7.54	7.64 -1.44 2.07	17.62 -2.35 -0.73	17.31 -2.35 -0.75	16.48 -2.12 -0.37	26.03 -1.46 0.00	25.44 -0.23 0.00	22.36 -0.39 0.00	24.23 -0.89 0.00	26.45 -0.51 0.00
CHAT_HIGH_FALL_HYD 323578	-24.10 2.28 -1.53	-22.23 2.18 -2.06	-24.19 2.27 -2.15	-23.43 2.88 -2.09	-21.34 2.87 -1.92	0.76 0.05 -1.21	-5.96 0.85 -1.93	-0.33 0.16 -1.38	5.20 -0.41 -0.80	-2.31 0.30 -0.97	9.16 -0.84 -0.47	20.17 -2.05 -0.02	12.67 -1.57 -0.39	19.96 -2.29 -0.08	-6.91 -0.14 8.13	7.51 -1.40 2.25	17.71 -2.28 -0.76	17.37 -2.32 -0.77	16.51 -2.11 -0.38	26.06 -1.43 0.00	25.46 -0.20 0.00	22.39 -0.36 0.00	24.24 -0.87 0.00	26.49 -0.46 0.00
CHAUTAUQUA___LFGE 323629	-13.23 0.02 -14.66	-9.56 -0.03 -16.95	-10.26 -0.15 -18.50	-1.98 -0.21 -26.63	66.39 -0.26 -92.78	8.15 -0.01 -8.67	4.99 0.04 -13.69	8.15 0.03 -9.98	10.43 -0.07 -5.69	3.35 0.06 -6.87	12.69 -0.18 -3.34	22.01 -0.36 -0.17	16.28 -0.32 -2.76	22.55 -0.21 -0.59	9.18 -0.01 -7.82	16.32 -0.01 -5.16	24.71 0.17 -5.30	24.26 -0.05 -5.39	20.64 -0.27 -2.68	27.17 -0.32 0.00	25.37 -0.29 0.00	22.43 -0.32 0.00	24.96 -0.16 0.00	27.15 0.19 0.00
CHERRYST_13_KV_LD 356241	23.04 -1.70 -52.65	24.36 -1.63 -52.47	24.24 -1.69 -54.55	22.94 -1.67 -53.01	21.07 -1.58 -48.77	30.27 -0.04 -30.80	39.83 -0.54 -49.12	33.63 -0.12 -35.62	25.58 0.33 -20.44	20.83 -0.25 -24.66	22.27 0.73 -12.00	24.47 1.65 -0.63	24.93 1.09 -9.99	26.03 1.72 -2.14	29.79 0.10 -28.33	30.71 0.83 -18.72	39.88 1.44 -19.20	39.91 1.46 -19.54	29.35 1.41 -9.71	29.45 1.96 0.00	27.40 1.74 0.00	24.18 1.43 0.00	26.69 1.57 0.00	28.55 1.59 0.00
CHESTROR_138KV_BK263 355645	20.33 -1.24 -49.49	21.63 -1.21 -49.32	21.41 -1.25 -51.28	20.20 -1.23 -49.82	18.57 -1.15 -45.84	28.42 -0.03 -28.95	37.04 -0.39 -46.17	31.53 -0.09 -33.49	24.24 0.22 -19.21	19.43 -0.17 -23.18	21.29 0.47 -11.28	23.83 1.04 -0.59	23.93 0.70 -9.39	25.30 1.12 -2.01	28.06 0.06 -26.63	29.31 0.55 -17.59	38.26 0.97 -18.05	38.28 0.99 -18.37	28.32 0.96 -9.13	28.81 1.33 0.00	26.85 1.18 0.00	23.72 0.96 0.00	26.27 1.15 0.00	28.15 1.20 0.00
CH_MIDHUDSON___DRP 24192	24.75 -1.39 -54.05	26.07 -1.32 -53.87	26.01 -1.38 -56.00	24.67 -1.35 -54.42	22.68 -1.27 -50.07	31.09 -0.03 -31.62	41.25 -0.43 -50.43	34.61 -0.10 -36.57	26.04 0.25 -20.98	21.55 -0.19 -25.32	22.39 0.54 -12.32	24.06 1.22 -0.64	24.90 0.79 -10.26	25.64 1.27 -2.19	30.53 0.08 -29.08	31.01 0.64 -19.22	40.06 1.11 -19.71	40.10 1.13 -20.06	29.28 1.08 -9.97	29.01 1.53 0.00	27.03 1.36 0.00	23.88 1.13 0.00	26.37 1.25 0.00	28.22 1.26 0.00

CH_MISC_IPPS 23765	23.65 -1.57 -53.14	24.97 -1.50 -52.95	24.88 -1.55 -55.05	23.56 -1.53 -53.50	21.65 -1.44 -49.22	30.55 -0.03 -31.09	40.33 -0.50 -49.57	33.97 -0.11 -35.95	25.72 0.29 -20.62	21.09 -0.21 -24.89	22.24 0.59 -12.11	24.17 1.34 -0.63	24.80 0.88 -10.08	25.74 1.41 -2.16	30.04 0.08 -28.59	30.76 0.71 -18.89	39.85 1.24 -19.38	39.89 1.26 -19.72	29.24 1.21 -9.80	29.20 1.71 0.00	27.20 1.53 0.00	24.02 1.27 0.00	26.55 1.43 0.00	28.40 1.44 0.00
CH_RES_BVR_FALLS 23983	-25.47 1.72 -0.73	-23.53 1.58 -1.37	-25.47 1.72 -1.43	-25.10 1.91 -1.39	-23.06 1.79 -1.28	0.33 0.03 -0.81	-6.91 0.55 -1.27	-0.88 0.11 -0.87	5.06 -0.28 -0.53	-2.74 0.20 -0.65	9.29 -0.55 -0.31	20.90 -1.31 -0.02	13.22 -0.88 -0.26	20.84 -1.39 -0.06	1.82 -0.09 -0.54	10.79 -0.80 -0.43	18.46 -1.28 -0.50	18.15 -1.28 -0.51	17.40 -1.09 -0.25	26.70 -0.79 0.00	25.33 -0.34 0.00	22.42 -0.34 0.00	24.59 -0.53 0.00	26.52 -0.44 0.00
CH_RES_NIAGARA 23895	-13.76 0.37 -13.78	-9.98 0.19 -16.31	-10.56 0.13 -17.93	-1.40 0.04 -26.96	73.99 0.00 -100.12	7.64 -0.02 -8.16	4.38 0.25 -12.87	7.65 0.13 -9.39	9.95 -0.20 -5.35	3.04 0.16 -6.45	12.12 -0.55 -3.13	21.16 -1.20 -0.16	15.52 -0.91 -2.59	21.51 -1.22 -0.55	8.62 -0.08 -7.33	15.39 -0.62 -4.85	23.14 -1.07 -4.97	22.68 -1.30 -5.06	19.37 -1.37 -2.51	25.46 -2.03 0.00	23.93 -1.74 0.00	21.11 -1.64 0.00	23.52 -1.60 0.00	25.77 -1.19 0.00
CH_RES_SYRACUSE 23985	-17.15 -0.07 -10.83	-15.73 -0.06 -10.81	-17.45 -0.07 -11.23	-17.57 -0.09 -10.92	-16.18 -0.10 -10.04	5.84 0.00 -6.34	1.35 -0.05 -10.14	5.57 -0.01 -7.44	9.03 0.02 -4.21	1.49 0.00 -5.08	12.02 0.01 -2.47	22.35 0.02 -0.13	15.92 0.01 -2.06	22.65 0.04 -0.44	7.21 0.00 -5.84	15.06 0.04 -3.86	23.27 0.08 -3.96	23.01 0.06 -4.03	20.25 0.02 -2.00	27.44 -0.04 0.00	25.57 -0.09 0.00	22.70 -0.06 0.00	25.08 -0.05 0.00	26.95 -0.01 0.00
CLINTON_WT_PWR 323605	-24.21 2.26 -1.45	-22.28 2.20 -2.00	-24.29 2.25 -2.08	-23.44 2.94 -2.02	-21.34 2.92 -1.86	0.72 0.05 -1.17	-6.01 0.86 -1.87	-0.37 0.17 -1.33	5.16 -0.42 -0.78	-2.34 0.31 -0.94	9.15 -0.84 -0.46	20.16 -2.06 -0.02	12.64 -1.58 -0.38	19.93 -2.32 -0.08	-6.32 -0.15 7.54	7.64 -1.44 2.07	17.62 -2.35 -0.73	17.31 -2.35 -0.75	16.48 -2.12 -0.37	26.03 -1.46 0.00	25.44 -0.23 0.00	22.36 -0.39 0.00	24.23 -0.89 0.00	26.45 -0.51 0.00
CLINTON__LFGE 323618	-24.56 1.88 -1.47	-22.59 1.88 -2.02	-24.60 1.92 -2.10	-23.81 2.56 -2.04	-21.65 2.60 -1.87	0.72 0.04 -1.19	-6.13 0.73 -1.88	-0.39 0.14 -1.34	5.25 -0.34 -0.79	-2.38 0.25 -0.95	9.29 -0.71 -0.46	20.48 -1.74 -0.02	12.83 -1.40 -0.38	20.26 -1.99 -0.08	-6.45 -0.13 7.69	7.75 -1.29 2.12	17.89 -2.08 -0.74	17.59 -2.08 -0.75	16.75 -1.86 -0.37	26.42 -1.06 0.00	25.79 0.12 0.00	22.65 -0.11 0.00	24.53 -0.59 0.00	26.76 -0.20 0.00
COBBLENY_34_KV_TB1 80064	-13.40 -0.06 -14.58	-9.76 -0.16 -16.88	-10.46 -0.26 -18.42	-2.20 -0.36 -26.56	66.31 -0.35 -92.79	8.10 -0.02 -8.62	4.92 0.04 -13.62	8.09 0.03 -9.93	10.40 -0.07 -5.66	3.29 0.04 -6.83	12.68 -0.17 -3.32	22.12 -0.25 -0.17	16.27 -0.32 -2.74	22.47 -0.29 -0.59	9.12 -0.02 -7.77	16.16 -0.13 -5.13	24.32 -0.19 -5.27	23.88 -0.40 -5.36	20.38 -0.52 -2.66	26.77 -0.72 0.00	25.05 -0.62 0.00	22.13 -0.62 0.00	24.62 -0.50 0.00	26.79 -0.17 0.00
COFFEEN__115KV_TB3 355620	-19.63 1.26 -7.03	-18.05 1.34 -7.09	-19.90 1.34 -7.37	-19.94 1.29 -7.17	-18.17 1.36 -6.59	3.73 0.06 -4.16	-1.83 0.26 -6.66	3.11 0.06 -4.91	7.37 -0.20 -2.76	-0.10 0.14 -3.33	10.76 -0.40 -1.62	21.42 -0.86 -0.08	14.74 -0.45 -1.35	21.71 -0.75 -0.29	5.38 -0.04 -4.06	13.40 -0.37 -2.61	21.28 -0.55 -2.60	21.17 -0.39 -2.64	19.52 -0.03 -1.31	27.92 0.43 0.00	25.61 -0.06 0.00	22.90 0.14 0.00	25.09 -0.03 0.00	27.03 0.07 0.00
COLDSPRG_115KV_BK1 355956	-13.76 -0.78 -14.95	-10.12 -0.81 -17.17	-10.90 -0.97 -18.69	-2.93 -1.09 -26.56	63.46 -1.09 -90.67	8.30 -0.03 -8.83	4.98 -0.23 -13.95	8.27 -0.04 -10.17	10.69 0.09 -5.80	3.35 -0.06 -7.00	13.11 0.17 -3.40	22.91 0.54 -0.18	16.94 0.28 -2.82	23.56 0.79 -0.60	9.38 0.04 -7.97	16.84 0.41 -5.27	25.50 0.86 -5.40	25.05 0.64 -5.50	21.35 0.39 -2.73	28.23 0.74 0.00	26.33 0.67 0.00	23.28 0.52 0.00	25.90 0.78 0.00	28.13 1.17 0.00
COLONIE_LFGE__ 323577	35.59 -0.99 -64.49	36.90 -0.89 -64.27	37.21 -0.99 -66.82	35.57 -0.96 -64.93	32.68 -0.93 -59.74	37.21 -0.02 -37.73	51.13 -0.31 -60.18	41.84 -0.08 -43.78	30.11 0.18 -25.12	26.59 -0.14 -30.32	24.69 0.39 -14.76	23.88 0.92 -0.77	26.71 0.59 -12.28	25.76 0.96 -2.63	37.29 0.06 -35.86	34.63 0.46 -23.01	43.64 0.79 -23.60	43.74 0.81 -24.02	30.90 0.74 -11.93	28.56 1.07 0.00	26.66 0.99 0.00	23.57 0.82 0.00	25.95 0.83 0.00	27.71 0.75 0.00
COOPERNY_115KV_TB1 80082	12.82 -0.95 -41.68	14.13 -0.93 -41.53	13.61 -0.95 -43.18	12.61 -0.95 -41.96	11.60 -0.88 -38.61	23.86 -0.02 -24.38	29.85 -0.29 -38.88	26.27 -0.07 -28.21	21.15 0.17 -16.18	15.82 -0.12 -19.52	19.39 0.36 -9.50	23.48 0.79 -0.50	22.28 0.52 -7.91	24.70 0.84 -1.69	23.84 0.05 -22.43	26.39 0.41 -14.82	35.16 0.73 -15.20	35.12 0.74 -15.47	26.63 0.71 -7.68	28.48 0.99 0.00	26.53 0.87 0.00	23.47 0.71 0.00	26.02 0.90 0.00	27.91 0.95 0.00
COPENHAGEN_WT_PWR 323753	-18.97 1.76 -7.18	-17.42 1.81 -7.25	-19.22 1.86 -7.54	-19.27 1.81 -7.32	-17.55 1.84 -6.74	3.82 0.07 -4.26	-1.51 0.43 -6.80	3.25 0.10 -5.02	7.34 -0.29 -2.82	0.03 0.21 -3.41	10.62 -0.57 -1.66	21.01 -1.28 -0.09	14.50 -0.73 -1.38	21.24 -1.23 -0.30	5.42 -0.07 -4.13	13.21 -0.61 -2.66	20.91 -0.98 -2.65	20.84 -0.78 -2.70	19.26 -0.31 -1.34	27.54 0.05 0.00	25.15 -0.51 0.00	22.58 -0.18 0.00	24.75 -0.36 0.00	26.72 -0.24 0.00
CORNELL____ 23752	-11.33 -0.67 -17.27	-9.58 -0.62 -17.52	-10.97 -0.69 -18.34	-10.10 -0.70 -19.00	0.00 -0.65 -26.79	9.60 -0.01 -10.11	7.13 -0.25 -16.12	9.85 -0.05 -11.77	11.65 0.14 -6.70	4.43 -0.07 -8.09	13.68 0.21 -3.94	22.93 0.53 -0.20	17.46 0.34 -3.28	23.47 0.60 -0.70	10.69 0.04 -9.29	17.63 0.33 -6.14	26.16 0.63 -6.29	25.92 0.60 -6.40	21.94 0.52 -3.18	28.20 0.72 0.00	26.25 0.59 0.00	23.26 0.51 0.00	25.71 0.59 0.00	27.63 0.67 0.00
CORONAAV_69_KV_TB1 355595	22.82 -1.91 -52.65	24.16 -1.83 -52.46	24.01 -1.92 -54.54	22.74 -1.87 -53.00	20.93 -1.71 -48.77	30.26 -0.04 -30.80	39.79 -0.58 -49.11	33.62 -0.13 -35.62	25.58 0.34 -20.44	20.82 -0.26 -24.66	22.30 0.76 -12.00	24.51 1.69 -0.63	24.94 1.11 -9.99	26.09 1.78 -2.14	29.80 0.11 -28.33	30.78 0.90 -18.72	39.96 1.52 -19.20	39.98 1.52 -19.54	29.46 1.52 -9.71	29.63 2.15 0.00	27.60 1.93 0.00	24.34 1.58 0.00	26.87 1.75 0.00	28.75 1.79 0.00
CORTLAND_115KV_TB3 80093	-13.50 -0.41 -14.82	-11.91 -0.37 -14.94	-13.45 -0.42 -15.59	-13.12 -0.44 -15.71	-7.55 -0.40 -18.97	8.17 -0.01 -8.68	4.96 -0.16 -13.87	8.31 -0.03 -10.21	10.65 0.09 -5.76	3.32 -0.04 -6.95	13.04 0.13 -3.38	22.70 0.33 -0.18	16.87 0.21 -2.81	23.14 0.36 -0.60	9.37 0.03 -7.98	16.64 0.21 -5.27	25.03 0.38 -5.41	24.77 0.36 -5.50	21.27 0.31 -2.74	27.91 0.42 0.00	25.98 0.32 0.00	23.03 0.28 0.00	25.46 0.34 0.00	27.36 0.41 0.00

COXSACKIE___GT 23611	30.58 -2.10 -60.60	31.97 -1.94 -60.39	32.04 -2.12 -62.79	30.49 -2.12 -61.01	27.98 -2.03 -56.13	34.92 -0.03 -35.45	47.06 -0.73 -56.53	38.94 -0.16 -40.97	28.71 0.40 -23.50	24.52 -0.26 -28.37	23.93 0.58 -13.81	24.28 1.36 -0.72	26.12 0.78 -11.49	26.06 1.43 -2.46	33.73 0.10 -32.26	33.57 0.88 -21.53	43.08 1.76 -22.08	43.16 1.76 -22.47	31.06 1.67 -11.16	29.88 2.40 0.00	27.82 2.16 0.00	24.58 1.83 0.00	26.95 1.83 0.00	28.73 1.77 0.00
CPV_VALLEY___CC1 323721	17.71 -1.04 -46.66	19.00 -1.01 -46.50	18.69 -1.03 -48.34	17.55 -1.02 -46.97	16.14 -0.95 -43.22	26.77 -0.02 -27.30	34.47 -0.31 -43.53	29.63 -0.08 -31.57	23.10 0.18 -18.11	18.13 -0.14 -21.85	20.57 0.40 -10.64	23.64 0.89 -0.55	23.29 0.60 -8.85	25.01 0.95 -1.89	26.53 0.05 -25.11	28.21 0.46 -16.59	37.06 0.81 -17.01	37.06 0.83 -17.31	27.64 0.80 -8.60	28.59 1.11 0.00	26.64 0.98 0.00	23.55 0.79 0.00	26.15 1.03 0.00	28.05 1.10 0.00
CPV_VALLEY___CC2 323722	17.71 -1.04 -46.66	19.00 -1.01 -46.50	18.69 -1.03 -48.34	17.55 -1.02 -46.97	16.14 -0.95 -43.22	26.77 -0.02 -27.30	34.47 -0.31 -43.53	29.63 -0.08 -31.57	23.10 0.18 -18.11	18.13 -0.14 -21.85	20.57 0.40 -10.64	23.64 0.89 -0.55	23.29 0.60 -8.85	25.01 0.95 -1.89	26.53 0.05 -25.11	28.21 0.46 -16.59	37.06 0.81 -17.01	37.06 0.83 -17.31	27.64 0.80 -8.60	28.59 1.11 0.00	26.64 0.98 0.00	23.55 0.79 0.00	26.15 1.03 0.00	28.05 1.10 0.00
CRESCENT___HYD 24018	35.59 -0.99 -64.49	36.90 -0.89 -64.27	37.21 -0.99 -66.82	35.57 -0.96 -64.93	32.68 -0.93 -59.74	37.21 -0.02 -37.73	51.13 -0.31 -60.18	41.84 -0.08 -43.78	30.11 0.18 -25.12	26.59 -0.14 -30.32	24.69 0.39 -14.76	23.88 0.92 -0.77	26.71 0.59 -12.28	25.76 0.96 -2.63	37.29 0.06 -35.86	34.63 0.46 -23.01	43.64 0.79 -23.60	43.74 0.81 -24.02	30.90 0.74 -11.93	28.56 1.07 0.00	26.66 0.99 0.00	23.57 0.82 0.00	25.95 0.83 0.00	27.71 0.75 0.00
CRICKET___VALLEY_CC1 323756	26.42 -1.10 -55.43	27.73 -1.03 -55.24	27.77 -1.04 -57.43	26.41 -0.99 -55.81	24.26 -0.96 -51.35	31.90 -0.02 -32.43	42.65 -0.32 -51.71	35.56 -0.08 -37.50	26.52 0.20 -21.52	22.24 -0.14 -25.97	22.61 0.44 -12.64	23.88 1.02 -0.66	25.03 0.67 -10.52	25.47 1.05 -2.25	31.26 0.06 -29.83	31.38 0.51 -19.71	40.35 0.90 -20.21	40.41 0.92 -20.57	29.34 0.88 -10.22	28.70 1.22 0.00	26.77 1.10 0.00	23.67 0.91 0.00	26.13 1.01 0.00	27.95 0.99 0.00
CRICKET___VALLEY_CC2 323757	26.42 -1.10 -55.43	27.73 -1.03 -55.24	27.77 -1.04 -57.43	26.41 -0.99 -55.81	24.26 -0.96 -51.35	31.90 -0.02 -32.43	42.65 -0.32 -51.71	35.56 -0.08 -37.50	26.52 0.20 -21.52	22.24 -0.14 -25.97	22.61 0.44 -12.64	23.88 1.02 -0.66	25.03 0.67 -10.52	25.47 1.05 -2.25	31.26 0.06 -29.83	31.38 0.51 -19.71	40.35 0.90 -20.21	40.41 0.92 -20.57	29.34 0.88 -10.22	28.70 1.22 0.00	26.77 1.10 0.00	23.67 0.91 0.00	26.13 1.01 0.00	27.95 0.99 0.00
CRICKET___VALLEY_CC3 323758	26.42 -1.10 -55.43	27.73 -1.03 -55.24	27.77 -1.04 -57.43	26.41 -0.99 -55.81	24.26 -0.96 -51.35	31.90 -0.02 -32.43	42.65 -0.32 -51.71	35.56 -0.08 -37.50	26.52 0.20 -21.52	22.24 -0.14 -25.97	22.61 0.44 -12.64	23.88 1.02 -0.66	25.03 0.67 -10.52	25.47 1.05 -2.25	31.26 0.06 -29.83	31.38 0.51 -19.71	40.35 0.90 -20.21	40.41 0.92 -20.57	29.34 0.88 -10.22	28.70 1.22 0.00	26.77 1.10 0.00	23.67 0.91 0.00	26.13 1.01 0.00	27.95 0.99 0.00
CRUCIBLE_METL_DRP 24180	-17.15 -0.07 -10.83	-15.73 -0.06 -10.81	-17.45 -0.07 -11.23	-17.56 -0.09 -10.92	-16.16 -0.08 -10.04	5.84 0.00 -6.34	1.35 -0.05 -10.14	5.57 -0.01 -7.44	9.03 0.02 -4.21	1.49 0.00 -5.08	12.02 0.01 -2.47	22.35 0.03 -0.13	15.92 0.01 -2.06	22.65 0.04 -0.44	7.21 0.00 -5.84	15.06 0.04 -3.86	23.27 0.08 -3.96	23.01 0.06 -4.03	20.25 0.02 -2.00	27.44 -0.04 0.00	25.57 -0.09 0.00	22.69 -0.06 0.00	25.08 -0.05 0.00	26.95 -0.01 0.00
DAHOWA___HYDRO 323763	35.90 -1.59 -65.40	37.24 -1.46 -65.18	37.58 -1.57 -67.76	35.91 -1.54 -65.85	32.95 -1.51 -60.58	37.73 -0.03 -38.26	51.72 -0.56 -61.02	42.33 -0.13 -44.33	30.55 0.31 -25.44	26.89 -0.22 -30.69	25.06 0.59 -14.94	24.35 1.37 -0.78	27.17 0.89 -12.43	26.26 1.42 -2.66	37.24 0.09 -35.79	35.13 0.68 -23.30	44.31 1.18 -23.90	44.41 1.18 -24.32	31.38 1.07 -12.08	29.10 1.61 0.00	27.12 1.46 0.00	23.97 1.22 0.00	26.47 1.35 0.00	28.25 1.29 0.00
DANC___LFGE 323619	-18.64 1.21 -8.07	-17.15 1.23 -8.09	-18.93 1.27 -8.42	-18.99 1.23 -8.18	-17.37 1.23 -7.53	4.29 0.04 -4.75	-0.84 0.30 -7.60	3.79 0.07 -5.60	7.76 -0.20 -3.16	0.37 0.15 -3.81	10.99 -0.40 -1.85	21.40 -0.90 -0.10	14.86 -0.52 -1.54	21.63 -0.87 -0.33	5.69 -0.05 -4.38	13.63 -0.42 -2.89	21.49 -0.71 -2.97	21.35 -0.58 -3.02	19.43 -0.31 -1.50	27.31 -0.18 0.00	25.16 -0.50 0.00	22.49 -0.27 0.00	24.72 -0.40 0.00	26.64 -0.32 0.00
DANSKAMMER___1 23586	23.65 -1.57 -53.14	24.97 -1.50 -52.95	24.88 -1.55 -55.05	23.56 -1.53 -53.50	21.65 -1.44 -49.22	30.55 -0.03 -31.09	40.33 -0.50 -49.57	33.97 -0.11 -35.95	25.72 0.29 -20.62	21.09 -0.21 -24.89	22.24 0.59 -12.11	24.17 1.34 -0.63	24.80 0.88 -10.08	25.74 1.41 -2.16	30.04 0.08 -28.59	30.76 0.71 -18.89	39.85 1.24 -19.38	39.89 1.26 -19.72	29.24 1.21 -9.80	29.20 1.71 0.00	27.20 1.53 0.00	24.02 1.27 0.00	26.55 1.43 0.00	28.40 1.44 0.00
DANSKAMMER___2 23589	23.65 -1.57 -53.14	24.97 -1.50 -52.95	24.88 -1.55 -55.05	23.56 -1.53 -53.50	21.65 -1.44 -49.22	30.55 -0.03 -31.09	40.33 -0.50 -49.57	33.97 -0.11 -35.95	25.72 0.29 -20.62	21.09 -0.21 -24.89	22.24 0.59 -12.11	24.17 1.34 -0.63	24.80 0.88 -10.08	25.74 1.41 -2.16	30.04 0.08 -28.59	30.76 0.71 -18.89	39.85 1.24 -19.38	39.89 1.26 -19.72	29.24 1.21 -9.80	29.20 1.71 0.00	27.20 1.53 0.00	24.02 1.27 0.00	26.55 1.43 0.00	28.40 1.44 0.00
DANSKAMMER___3 23590	23.65 -1.57 -53.14	24.97 -1.50 -52.95	24.88 -1.55 -55.05	23.56 -1.53 -53.50	21.65 -1.44 -49.22	30.55 -0.03 -31.09	40.33 -0.50 -49.57	33.97 -0.11 -35.95	25.72 0.29 -20.62	21.09 -0.21 -24.89	22.24 0.59 -12.11	24.17 1.34 -0.63	24.80 0.88 -10.08	25.74 1.41 -2.16	30.04 0.08 -28.59	30.76 0.71 -18.89	39.85 1.24 -19.38	39.89 1.26 -19.72	29.24 1.21 -9.80	29.20 1.71 0.00	27.20 1.53 0.00	24.02 1.27 0.00	26.55 1.43 0.00	28.40 1.44 0.00
DANSKAMMER___4 23591	23.65 -1.57 -53.14	24.97 -1.50 -52.95	24.88 -1.55 -55.05	23.56 -1.53 -53.50	21.65 -1.44 -49.22	30.55 -0.03 -31.09	40.33 -0.50 -49.57	33.97 -0.11 -35.95	25.72 0.29 -20.62	21.09 -0.21 -24.89	22.24 0.59 -12.11	24.17 1.34 -0.63	24.80 0.88 -10.08	25.74 1.41 -2.16	30.04 0.08 -28.59	30.76 0.71 -18.89	39.85 1.24 -19.38	39.89 1.26 -19.72	29.24 1.21 -9.80	29.20 1.71 0.00	27.20 1.53 0.00	24.02 1.27 0.00	26.55 1.43 0.00	28.40 1.44 0.00
DANSKAMMER___DIESEL 23592	23.66 -1.57 -53.14	24.97 -1.50 -52.95	24.87 -1.56 -55.05	23.56 -1.54 -53.50	21.65 -1.44 -49.22	30.55 -0.03 -31.09	40.33 -0.50 -49.57	33.97 -0.11 -35.95	25.72 0.29 -20.62	21.09 -0.21 -24.89	22.24 0.59 -12.11	24.16 1.33 -0.63	24.80 0.87 -10.08	25.74 1.41 -2.16	30.04 0.08 -28.59	30.76 0.71 -18.89	39.85 1.24 -19.38	39.89 1.26 -19.72	29.24 1.21 -9.80	29.20 1.71 0.00	27.20 1.53 0.00	24.02 1.27 0.00	26.55 1.43 0.00	28.40 1.45 0.00

DARBY___SOLAR 323810	35.88 -1.47 -65.27	37.21 -1.36 -65.05	37.53 -1.48 -67.63	35.87 -1.44 -65.71	32.92 -1.41 -60.46	37.66 -0.03 -38.19	51.64 -0.51 -60.90	42.26 -0.12 -44.25	30.48 0.28 -25.39	26.85 -0.20 -30.64	24.99 0.54 -14.91	24.25 1.27 -0.78	27.08 0.82 -12.41	26.15 1.33 -2.66	37.24 0.08 -35.79	35.05 0.63 -23.25	44.19 1.10 -23.85	44.29 1.10 -24.27	31.29 1.00 -12.06	28.99 1.50 0.00	27.03 1.36 0.00	23.90 1.14 0.00	26.37 1.26 0.00	28.16 1.20 0.00
DASHVILLE___HYD 23610	25.91 -1.23 -55.06	27.20 -1.19 -54.87	27.20 -1.22 -57.04	25.81 -1.22 -55.43	23.75 -1.13 -51.00	31.68 -0.02 -32.21	42.24 -0.38 -51.36	35.29 -0.09 -37.24	26.40 0.22 -21.37	22.04 -0.16 -25.78	22.54 0.46 -12.55	23.89 1.03 -0.66	24.97 0.68 -10.45	25.50 1.09 -2.23	30.96 0.06 -29.53	31.26 0.53 -19.57	40.19 0.88 -20.07	40.25 0.91 -20.43	29.26 0.87 -10.15	28.72 1.23 0.00	26.77 1.11 0.00	23.65 0.90 0.00	26.12 1.00 0.00	27.97 1.02 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.01 -2.72 -52.65	23.40 -2.58 -52.46	23.18 -2.75 -54.54	21.90 -2.70 -53.00	20.17 -2.47 -48.77	30.25 -0.05 -30.80	39.51 -0.86 -49.11	33.57 -0.19 -35.62	25.75 0.51 -20.44	20.71 -0.37 -24.66	22.59 1.05 -12.00	25.16 2.34 -0.63	25.33 1.49 -9.99	26.70 2.39 -2.14	29.85 0.15 -28.33	31.15 1.27 -18.72	40.54 2.11 -19.20	40.58 2.13 -19.54	30.05 2.11 -9.71	30.46 2.97 0.00	28.45 2.78 0.00	26.12 2.38 -0.98	27.68 2.56 0.00	29.53 2.58 0.00
DELAWARE___LFGE 323621	-1.15 -0.92 -27.69	0.46 -0.89 -27.83	-0.54 -0.95 -29.02	-0.32 -0.99 -29.07	6.61 -0.88 -33.61	15.69 -0.02 -16.21	16.82 -0.28 -25.84	16.85 -0.06 -18.77	15.71 0.16 -10.75	9.28 -0.11 -12.97	16.17 0.32 -6.31	23.26 0.73 -0.33	19.55 0.45 -5.25	24.04 0.74 -1.12	16.31 0.05 -14.90	21.38 0.38 -9.84	30.01 0.68 -10.10	29.85 0.66 -10.27	23.97 0.63 -5.11	28.39 0.90 0.00	26.45 0.78 0.00	23.42 0.66 0.00	25.89 0.77 0.00	27.78 0.82 0.00
DERFIELD_115KV_TB7 355931	-26.16 0.12 -1.63	-24.73 0.13 -1.62	-26.80 0.13 -1.69	-26.62 0.14 -1.64	-24.48 0.13 -1.51	0.46 0.00 -0.96	-7.22 0.03 -1.49	-0.92 0.01 -0.94	5.42 -0.02 -0.63	-2.81 0.01 -0.76	9.87 -0.04 -0.37	22.13 -0.09 -0.02	14.10 -0.05 -0.31	22.15 -0.09 -0.07	2.24 -0.01 -0.88	11.68 -0.05 -0.58	19.75 -0.08 -0.60	19.45 -0.08 -0.61	18.48 -0.06 -0.30	27.47 -0.02 0.00	25.68 0.01 0.00	22.78 0.02 0.00	25.12 0.00 0.00	26.95 -0.01 0.00
DOGLEVILLE___HYD 23807	-26.91 -0.63 -1.63	-25.24 -0.39 -1.62	-27.50 -0.57 -1.69	-27.31 -0.55 -1.64	-25.07 -0.45 -1.51	0.44 -0.01 -0.96	-7.48 -0.23 -1.49	-0.97 -0.04 -0.94	5.52 0.09 -0.63	-2.84 -0.03 -0.76	10.02 0.11 -0.37	22.50 0.28 -0.02	14.40 0.25 -0.31	22.62 0.38 -0.07	2.28 0.04 -0.88	12.05 0.30 -0.58	20.40 0.57 -0.60	20.05 0.52 -0.61	18.93 0.40 -0.30	27.95 0.46 0.00	26.06 0.40 0.00	23.14 0.38 0.00	25.41 0.29 0.00	27.13 0.17 0.00
DUNKIRK___115KV_TB_200 55889	-13.30 -0.04 -14.65	-9.61 -0.08 -16.95	-10.32 -0.20 -18.50	-2.05 -0.28 -26.63	66.47 -0.25 -92.85	8.15 -0.01 -8.66	4.97 0.03 -13.68	8.14 0.03 -9.98	10.43 -0.06 -5.69	3.34 0.05 -6.86	12.70 -0.17 -3.33	22.05 -0.32 -0.17	16.29 -0.31 -2.76	22.55 -0.21 -0.59	9.17 -0.01 -7.81	16.30 -0.02 -5.16	24.66 0.13 -5.30	24.20 -0.11 -5.39	20.61 -0.30 -2.68	27.12 -0.36 0.00	25.32 -0.34 0.00	22.39 -0.36 0.00	24.92 -0.20 0.00	27.11 0.15 0.00
DUNKIRK___1 23563	-13.30 -0.04 -14.65	-9.61 -0.08 -16.95	-10.32 -0.20 -18.50	-2.05 -0.28 -26.63	66.47 -0.25 -92.85	8.15 -0.01 -8.66	4.97 0.03 -13.68	8.14 0.03 -9.98	10.43 -0.06 -5.69	3.34 0.05 -6.86	12.70 -0.17 -3.33	22.05 -0.32 -0.17	16.29 -0.31 -2.76	22.55 -0.21 -0.59	9.17 -0.01 -7.81	16.30 -0.02 -5.16	24.66 0.13 -5.30	24.20 -0.11 -5.39	20.61 -0.30 -2.68	27.12 -0.36 0.00	25.32 -0.34 0.00	22.39 -0.36 0.00	24.92 -0.20 0.00	27.11 0.15 0.00
DUNKIRK___2 23564	-13.30 -0.04 -14.65	-9.61 -0.08 -16.95	-10.32 -0.20 -18.50	-2.05 -0.28 -26.63	66.47 -0.25 -92.85	8.15 -0.01 -8.66	4.97 0.03 -13.68	8.14 0.03 -9.98	10.43 -0.06 -5.69	3.34 0.05 -6.86	12.70 -0.17 -3.33	22.05 -0.32 -0.17	16.29 -0.31 -2.76	22.55 -0.21 -0.59	9.17 -0.01 -7.81	16.30 -0.02 -5.16	24.66 0.13 -5.30	24.20 -0.11 -5.39	20.61 -0.30 -2.68	27.12 -0.36 0.00	25.32 -0.34 0.00	22.39 -0.36 0.00	24.92 -0.20 0.00	27.11 0.15 0.00
DUNKIRK___3 23565	-13.38 -0.14 -14.68	-9.68 -0.17 -16.97	-10.40 -0.30 -18.52	-2.15 -0.39 -26.64	66.24 -0.36 -92.73	8.16 -0.02 -8.68	4.97 0.01 -13.71	8.15 0.03 -9.99	10.45 -0.05 -5.70	3.35 0.05 -6.88	12.71 -0.16 -3.34	22.10 -0.27 -0.17	16.34 -0.27 -2.77	22.58 -0.18 -0.59	9.18 -0.01 -7.83	16.30 -0.04 -5.17	24.61 0.07 -5.30	24.16 -0.15 -5.40	20.59 -0.33 -2.68	27.09 -0.40 0.00	25.27 -0.40 0.00	22.36 -0.40 0.00	24.90 -0.22 0.00	27.10 0.14 0.00
DUNKIRK___4 23566	-13.49 -0.07 -14.50	-9.79 -0.14 -16.83	-10.48 -0.25 -18.39	-2.08 -0.34 -26.66	67.48 -0.32 -93.93	8.06 -0.02 -8.58	4.83 0.03 -13.54	8.04 0.03 -9.87	10.36 -0.07 -5.63	3.26 0.05 -6.79	12.66 -0.17 -3.30	22.07 -0.30 -0.17	16.27 -0.31 -2.73	22.53 -0.22 -0.58	9.08 -0.01 -7.73	16.21 -0.05 -5.11	24.52 0.04 -5.24	24.07 -0.18 -5.33	20.52 -0.36 -2.65	27.03 -0.46 0.00	25.26 -0.41 0.00	22.32 -0.43 0.00	24.85 -0.26 0.00	27.04 0.09 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.15 -1.58 -52.65	24.47 -1.52 -52.47	24.35 -1.58 -54.55	23.04 -1.57 -53.00	21.16 -1.48 -48.77	30.27 -0.03 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.62	25.53 0.29 -20.44	20.86 -0.22 -24.66	22.18 0.64 -12.00	24.28 1.46 -0.63	24.80 0.97 -9.99	25.83 1.52 -2.14	29.78 0.09 -28.33	30.62 0.74 -18.72	39.73 1.29 -19.20	39.77 1.32 -19.54	29.22 1.28 -9.71	29.26 1.78 0.00	27.24 1.58 0.00	24.05 1.29 0.00	26.56 1.44 0.00	28.42 1.46 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.38 -1.40 -51.69	23.69 -1.34 -51.51	23.54 -1.39 -53.56	22.27 -1.37 -52.04	20.47 -1.28 -47.88	29.71 -0.03 -30.24	39.05 -0.44 -48.22	33.00 -0.10 -34.97	25.12 0.25 -20.06	20.44 -0.19 -24.21	21.84 0.52 -11.78	23.98 1.16 -0.61	24.42 0.77 -9.81	25.50 1.24 -2.10	29.25 0.07 -27.81	30.15 0.62 -18.38	39.17 1.08 -18.85	39.21 1.10 -19.18	28.83 1.06 -9.53	28.98 1.49 0.00	27.00 1.34 0.00	23.84 1.09 0.00	26.39 1.27 0.00	28.27 1.31 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.08 -1.66 -52.66	24.41 -1.59 -52.47	24.32 -1.62 -54.55	22.99 -1.63 -53.01	21.08 -1.56 -48.78	30.26 -0.04 -30.80	39.88 -0.50 -49.12	33.64 -0.12 -35.63	25.56 0.31 -20.44	20.84 -0.24 -24.66	22.20 0.66 -12.00	24.36 1.54 -0.63	24.85 1.02 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.34 -19.54	29.27 1.32 -9.71	29.36 1.87 0.00	27.31 1.64 0.00	24.09 1.33 0.00	26.60 1.48 0.00	28.47 1.51 0.00
E179THST_13_KV_LOAD 356214	22.97 -1.77 -52.66	24.30 -1.69 -52.47	24.21 -1.73 -54.55	22.88 -1.73 -53.01	20.99 -1.65 -48.78	30.26 -0.04 -30.80	39.84 -0.54 -49.12	33.64 -0.12 -35.63	25.58 0.34 -20.44	20.83 -0.25 -24.66	22.25 0.71 -12.00	24.47 1.65 -0.63	24.92 1.09 -9.99	26.00 1.69 -2.14	29.80 0.10 -28.33	30.70 0.82 -18.72	39.86 1.43 -19.20	39.90 1.44 -19.54	29.36 1.41 -9.71	29.49 2.00 0.00	27.43 1.77 0.00	24.20 1.44 0.00	26.71 1.59 0.00	28.59 1.63 0.00

EAST HAMPTON___GT 23717	21.77 -2.96 -52.65	23.17 -2.82 -52.46	22.94 -2.99 -54.54	21.66 -2.94 -53.00	19.94 -2.70 -48.77	30.25 -0.05 -30.80	39.43 -0.94 -49.11	33.55 -0.21 -35.62	25.79 0.56 -20.44	20.68 -0.40 -24.66	22.67 1.13 -12.00	25.35 2.53 -0.63	25.44 1.61 -9.99	26.88 2.58 -2.14	29.86 0.17 -28.33	31.25 1.38 -18.72	40.74 2.31 -19.20	40.78 2.33 -19.54	30.25 2.31 -9.71	30.74 3.26 0.00	28.69 3.03 0.00	26.34 2.60 -0.98	27.91 2.79 0.00	29.78 2.82 0.00
EAST RIVER___6 23660	23.00 -1.74 -52.65	24.33 -1.66 -52.47	24.21 -1.73 -54.55	22.91 -1.70 -53.01	21.04 -1.61 -48.77	30.26 -0.04 -30.80	39.84 -0.54 -49.12	33.64 -0.12 -35.62	25.58 0.34 -20.44	20.82 -0.26 -24.66	22.28 0.74 -12.00	24.51 1.69 -0.63	24.94 1.11 -9.99	26.06 1.75 -2.14	29.80 0.10 -28.33	30.73 0.85 -18.72	39.90 1.46 -19.20	39.93 1.47 -19.54	29.39 1.44 -9.71	29.50 2.01 0.00	27.45 1.79 0.00	24.22 1.46 0.00	26.73 1.61 0.00	28.58 1.62 0.00
EAST RIVER___7 23524	23.00 -1.74 -52.65	24.33 -1.66 -52.47	24.21 -1.73 -54.55	22.91 -1.70 -53.01	21.04 -1.61 -48.77	30.26 -0.04 -30.80	39.84 -0.54 -49.12	33.64 -0.12 -35.62	25.58 0.34 -20.44	20.82 -0.26 -24.66	22.28 0.74 -12.00	24.51 1.69 -0.63	24.94 1.11 -9.99	26.06 1.75 -2.14	29.80 0.10 -28.33	30.73 0.85 -18.72	39.90 1.46 -19.20	39.93 1.47 -19.54	29.39 1.44 -9.71	29.50 2.01 0.00	27.45 1.79 0.00	24.22 1.46 0.00	26.73 1.61 0.00	28.58 1.62 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.18 -1.50 -52.60	24.48 -1.46 -52.41	24.36 -1.51 -54.49	23.08 -1.47 -52.95	21.20 -1.39 -48.72	30.24 -0.03 -30.77	39.85 -0.47 -49.07	33.61 -0.11 -35.58	25.50 0.28 -20.41	20.84 -0.21 -24.63	22.14 0.61 -11.99	24.19 1.37 -0.63	24.73 0.91 -9.98	25.75 1.44 -2.14	29.75 0.08 -28.30	30.56 0.71 -18.70	39.64 1.22 -19.18	39.68 1.25 -19.52	29.14 1.21 -9.70	29.17 1.68 0.00	27.16 1.49 0.00	23.98 1.22 0.00	26.48 1.36 0.00	28.35 1.39 0.00
EAST_HAMPTON___DIESEL 23722	21.76 -2.97 -52.65	23.17 -2.82 -52.46	22.94 -2.99 -54.54	21.66 -2.94 -53.00	19.94 -2.70 -48.77	30.25 -0.05 -30.80	39.43 -0.94 -49.11	33.54 -0.21 -35.62	25.79 0.55 -20.44	20.68 -0.40 -24.66	22.67 1.13 -12.00	25.35 2.53 -0.63	25.44 1.61 -9.99	26.89 2.58 -2.14	29.86 0.17 -28.33	31.26 1.38 -18.72	40.75 2.31 -19.20	40.79 2.33 -19.54	30.25 2.31 -9.71	30.74 3.26 0.00	28.69 3.03 0.00	26.34 2.60 -0.98	27.91 2.79 0.00	29.78 2.82 0.00
EAST_PULASKI___ESR 323781	-18.40 0.64 -8.87	-16.97 0.64 -8.88	-18.72 0.67 -9.23	-18.79 0.64 -8.97	-17.25 0.63 -8.25	4.73 0.02 -5.21	-0.25 0.16 -8.33	4.29 0.04 -6.12	8.15 -0.11 -3.46	0.67 0.08 -4.17	11.34 -0.22 -2.03	21.81 -0.49 -0.11	15.23 -0.30 -1.69	22.04 -0.49 -0.36	6.13 -0.03 -4.80	14.10 -0.23 -3.17	22.09 -0.40 -3.25	21.88 -0.35 -3.31	19.61 -0.26 -1.64	27.15 -0.34 0.00	25.23 -0.44 0.00	22.45 -0.30 0.00	24.74 -0.38 0.00	26.61 -0.35 0.00
EAST_RIVER___1 323558	23.11 -1.63 -52.65	24.42 -1.57 -52.47	24.32 -1.62 -54.55	23.02 -1.59 -53.01	21.13 -1.51 -48.77	30.27 -0.03 -30.80	39.86 -0.52 -49.12	33.64 -0.12 -35.62	25.56 0.31 -20.44	20.84 -0.24 -24.66	22.23 0.69 -12.00	24.39 1.57 -0.63	24.87 1.04 -9.99	25.94 1.64 -2.14	29.79 0.09 -28.33	30.67 0.79 -18.72	39.81 1.37 -19.20	39.85 1.39 -19.54	29.29 1.35 -9.71	29.37 1.88 0.00	27.33 1.67 0.00	24.12 1.36 0.00	26.62 1.51 0.00	28.48 1.52 0.00
EAST_RIVER___2 323559	23.00 -1.74 -52.65	24.33 -1.66 -52.47	24.21 -1.73 -54.55	22.91 -1.70 -53.01	21.04 -1.61 -48.77	30.26 -0.04 -30.80	39.84 -0.54 -49.12	33.64 -0.12 -35.62	25.58 0.34 -20.44	20.82 -0.26 -24.66	22.28 0.74 -12.00	24.51 1.69 -0.63	24.94 1.11 -9.99	26.06 1.75 -2.14	29.80 0.10 -28.33	30.73 0.85 -18.72	39.90 1.46 -19.20	39.93 1.47 -19.54	29.39 1.44 -9.71	29.50 2.01 0.00	27.45 1.79 0.00	24.22 1.46 0.00	26.73 1.61 0.00	28.58 1.62 0.00
EAST___DELAWARE_HYD 23607	19.52 -1.27 -48.71	20.84 -1.22 -48.54	20.61 -1.24 -50.46	19.41 -1.23 -49.03	17.84 -1.15 -45.11	27.97 -0.03 -28.49	36.28 -0.42 -45.44	30.99 -0.10 -32.95	23.95 0.25 -18.90	19.08 -0.14 -22.81	21.03 0.40 -11.10	23.55 0.77 -0.58	23.28 0.19 -9.24	24.46 0.31 -1.98	27.58 0.01 -26.20	28.63 0.16 -17.31	37.32 0.32 -17.76	37.36 0.37 -18.07	27.57 0.36 -8.98	28.00 0.51 0.00	26.70 1.03 0.00	23.57 0.82 0.00	26.10 0.98 0.00	27.93 0.97 0.00
EIGHT_POINT___WT_PWR 323820	-9.71 1.55 -16.66	-7.01 1.48 -17.99	-8.04 1.36 -19.22	-3.43 1.16 -23.81	37.45 1.20 -62.38	9.31 0.01 -9.80	7.24 0.43 -15.55	9.60 0.13 -11.34	10.99 -0.28 -6.47	4.42 0.19 -7.80	12.86 -0.48 -3.80	21.30 -1.09 -0.20	16.19 -0.81 -3.16	21.87 -0.98 -0.67	10.26 -0.05 -8.94	16.65 -0.42 -5.91	24.85 -0.45 -6.06	24.83 -0.25 -6.17	20.98 -0.32 -3.06	26.98 -0.51 0.00	24.99 -0.67 0.00	22.17 -0.58 0.00	24.87 -0.25 0.00	26.95 0.00 0.00
ELBRIDGE_115KV_TB2 80188	-16.71 0.04 -11.16	-15.30 0.05 -11.13	-17.00 0.04 -11.57	-17.13 0.02 -11.25	-15.76 0.02 -10.35	6.03 0.00 -6.54	1.70 0.00 -10.44	5.79 0.00 -7.66	9.14 0.00 -4.34	1.66 0.01 -5.23	12.05 -0.04 -2.55	22.25 -0.08 -0.13	15.92 -0.04 -2.13	22.57 -0.05 -0.46	7.39 0.00 -6.02	15.12 -0.02 -3.98	23.31 -0.01 -4.08	23.04 -0.03 -4.15	20.22 -0.07 -2.06	27.32 -0.16 0.00	25.43 -0.23 0.00	22.57 -0.18 0.00	24.97 -0.15 0.00	26.84 -0.12 0.00
ELEC_TRO_TEK 24086	22.96 -1.76 -52.65	24.29 -1.70 -52.46	24.15 -1.78 -54.54	22.87 -1.74 -53.00	21.06 -1.58 -48.77	30.26 -0.03 -30.80	39.83 -0.55 -49.11	33.63 -0.12 -35.62	25.57 0.33 -20.44	20.83 -0.25 -24.66	22.27 0.73 -12.00	24.45 1.62 -0.63	24.90 1.06 -9.99	26.01 1.70 -2.14	29.80 0.10 -28.33	30.73 0.85 -18.72	39.87 1.44 -19.20	39.88 1.43 -19.54	29.37 1.43 -9.71	29.49 2.00 0.00	27.46 1.80 0.00	24.23 1.47 0.00	26.74 1.62 0.00	28.61 1.65 0.00
ELLENBURG_WT_PWR 323604	-24.21 2.26 -1.45	-22.28 2.20 -2.00	-24.29 2.25 -2.08	-23.44 2.94 -2.02	-21.34 2.92 -1.86	0.72 0.05 -1.17	-6.01 0.86 -1.87	-0.37 0.17 -1.33	5.16 -0.42 -0.78	-2.34 0.31 -0.94	9.15 -0.84 -0.46	20.16 -2.06 -0.02	12.64 -1.58 -0.38	19.93 -2.32 -0.08	-6.32 -0.15 7.54	7.64 -1.44 2.07	17.62 -2.35 -0.73	17.31 -2.35 -0.75	16.48 -2.12 -0.37	26.03 -1.46 0.00	25.44 -0.23 0.00	22.36 -0.39 0.00	24.23 -0.89 0.00	26.45 -0.51 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	-13.67 0.04 -14.20	-9.94 -0.09 -16.63	-10.58 -0.17 -18.21	-1.84 -0.28 -26.84	70.45 -0.25 -96.83	7.88 -0.02 -8.41	4.61 0.09 -13.26	7.85 0.04 -9.67	10.21 -0.11 -5.51	3.13 0.06 -6.65	12.51 -0.25 -3.23	21.91 -0.45 -0.17	16.07 -0.45 -2.67	22.27 -0.48 -0.57	8.90 -0.03 -7.57	15.93 -0.23 -5.00	24.01 -0.35 -5.13	23.57 -0.57 -5.22	20.13 -0.70 -2.59	26.49 -1.00 0.00	24.82 -0.84 0.00	21.93 -0.82 0.00	24.41 -0.71 0.00	26.59 -0.37 0.00
EMPIRE_CC_1 323656	33.21 -0.53 -61.66	34.51 -0.45 -61.44	34.73 -0.53 -63.88	33.19 -0.49 -62.07	30.47 -0.52 -57.11	35.56 -0.01 -36.07	48.64 -0.13 -57.52	39.80 -0.03 -41.69	28.81 0.08 -23.92	25.22 -0.07 -28.87	23.83 0.24 -14.05	23.49 0.56 -0.73	25.88 0.34 -11.70	25.23 0.55 -2.50	33.87 0.03 -32.47	33.32 0.25 -21.91	42.12 0.40 -22.48	42.22 0.43 -22.87	30.01 0.41 -11.36	28.05 0.56 0.00	26.23 0.57 0.00	23.28 0.52 0.00	25.63 0.51 0.00	27.37 0.41 0.00

EMPIRE_CC_2 323658	33.21 -0.53 -61.66	34.51 -0.45 -61.44	34.73 -0.53 -63.88	33.19 -0.49 -62.07	30.47 -0.52 -57.11	35.56 -0.01 -36.07	48.64 -0.13 -57.52	39.80 -0.03 -41.69	28.81 0.08 -23.92	25.22 -0.07 -28.87	23.83 0.24 -14.05	23.49 0.56 -0.73	25.88 0.34 -11.70	25.23 0.55 -2.50	33.87 0.03 -32.47	33.32 0.25 -21.91	42.12 0.40 -22.48	42.22 0.43 -22.87	30.01 0.41 -11.36	28.05 0.56 0.00	26.23 0.57 0.00	23.28 0.52 0.00	25.63 0.51 0.00	27.37 0.41 0.00
ENORWICH_115KV_TB1 80156	-7.66 -1.55 -21.80	-5.93 -1.49 -22.05	-7.26 -1.69 -23.04	-6.50 -1.69 -23.58	3.48 -1.49 -31.10	12.23 -0.03 -12.76	11.04 -0.57 -20.35	12.83 -0.12 -14.82	13.59 0.32 -8.46	6.45 -0.18 -10.21	15.03 0.52 -4.97	23.73 1.27 -0.26	18.76 0.78 -4.14	24.43 1.38 -0.88	13.19 0.11 -11.72	19.72 0.81 -7.75	28.70 1.51 -7.95	28.44 1.43 -8.09	23.52 1.27 -4.02	29.38 1.89 0.00	27.47 1.80 0.00	24.25 1.50 0.00	26.68 1.56 0.00	28.68 1.73 0.00
ERIE_ST__34_KV_TB1-2 80199	-13.87 -0.40 -14.45	-10.19 -0.47 -16.76	-10.92 -0.61 -18.31	-2.62 -0.75 -26.53	66.52 -0.74 -93.39	8.01 -0.03 -8.54	4.68 -0.06 -13.49	7.98 0.01 -9.84	10.41 0.00 -5.61	3.18 -0.01 -6.77	12.78 -0.04 -3.28	22.45 0.08 -0.17	16.46 -0.10 -2.72	22.83 0.07 -0.58	9.06 0.00 -7.69	16.27 0.03 -5.08	24.54 0.09 -5.21	24.08 -0.14 -5.30	20.59 -0.28 -2.63	27.18 -0.30 0.00	25.42 -0.25 0.00	22.45 -0.31 0.00	24.98 -0.14 0.00	27.17 0.22 0.00
ERIE_WT_PWR 323693	-13.61 -0.06 -14.37	-9.93 -0.16 -16.71	-10.61 -0.25 -18.26	-2.16 -0.35 -26.58	67.64 -0.42 -94.19	7.97 -0.02 -8.50	4.72 0.05 -13.41	7.95 0.03 -9.78	10.30 -0.08 -5.58	3.19 0.04 -6.73	12.61 -0.19 -3.27	22.05 -0.31 -0.17	16.19 -0.36 -2.70	22.43 -0.32 -0.58	8.99 -0.02 -7.65	16.08 -0.13 -5.05	24.25 -0.17 -5.18	23.81 -0.38 -5.27	20.33 -0.52 -2.62	26.75 -0.74 0.00	25.04 -0.63 0.00	22.13 -0.63 0.00	24.63 -0.49 0.00	26.82 -0.14 0.00
ESPRGFLD_115KV_TB1 80157	-30.96 -1.13 1.92	-29.38 -1.13 1.77	-31.59 -1.19 1.78	-30.80 -1.21 1.19	-24.07 -1.13 -3.18	-1.64 -0.02 1.12	-10.88 -0.35 1.79	-3.20 -0.08 1.26	4.27 0.20 0.74	-4.62 -0.14 0.89	9.47 0.37 0.43	23.06 0.88 0.02	13.98 0.50 0.36	22.88 0.78 0.08	0.39 0.05 1.03	10.93 0.45 0.68	19.35 0.81 0.70	18.96 0.75 0.71	18.63 0.75 0.35	28.69 1.20 0.00	26.73 1.06 0.00	23.79 1.03 0.00	26.20 1.09 0.00	28.22 1.26 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	-11.30 -0.63 -17.24	-9.59 -0.58 -17.47	-11.00 -0.65 -18.26	-10.28 -0.66 -18.78	-1.28 -0.61 -25.45	9.59 -0.01 -10.10	7.13 -0.24 -16.10	9.85 -0.05 -11.76	11.63 0.13 -6.69	4.43 -0.07 -8.08	13.66 0.19 -3.93	22.89 0.48 -0.20	17.43 0.32 -3.27	23.42 0.55 -0.70	10.68 0.04 -9.28	17.60 0.31 -6.13	26.11 0.58 -6.29	25.86 0.54 -6.40	21.89 0.48 -3.18	28.15 0.66 0.00	26.20 0.53 0.00	23.22 0.46 0.00	25.66 0.54 0.00	27.58 0.63 0.00
ETNA_____115KV_TB2 80207	-11.30 -0.63 -17.24	-9.59 -0.58 -17.47	-11.00 -0.65 -18.26	-10.28 -0.66 -18.78	-1.28 -0.61 -25.45	9.59 -0.01 -10.10	7.13 -0.24 -16.10	9.85 -0.05 -11.76	11.63 0.13 -6.69	4.43 -0.07 -8.08	13.66 0.19 -3.93	22.89 0.48 -0.20	17.43 0.32 -3.27	23.42 0.55 -0.70	10.68 0.04 -9.28	17.60 0.31 -6.13	26.11 0.58 -6.29	25.86 0.54 -6.40	21.89 0.48 -3.18	28.15 0.66 0.00	26.20 0.53 0.00	23.22 0.46 0.00	25.66 0.54 0.00	27.58 0.63 0.00
EUCLID__115KV_TB2 356179	-17.65 0.23 -10.03	-16.26 0.21 -10.01	-17.99 0.23 -10.40	-18.08 0.20 -10.11	-16.63 0.19 -9.30	5.38 0.00 -5.88	0.71 0.06 -9.39	5.07 0.01 -6.92	8.67 -0.04 -3.90	1.15 0.03 -4.70	11.73 -0.10 -2.29	22.11 -0.21 -0.12	15.60 -0.15 -1.91	22.35 -0.23 -0.41	6.76 -0.01 -5.41	14.64 -0.09 -3.57	22.72 -0.17 -3.66	22.46 -0.19 -3.73	19.88 -0.21 -1.85	27.09 -0.39 0.00	25.27 -0.40 0.00	22.43 -0.32 0.00	24.78 -0.34 0.00	26.64 -0.32 0.00
E_CANADA_CAP_HY 24051	51.65 -1.21 -80.78	52.77 -1.24 -80.50	53.81 -1.27 -83.69	51.65 -1.28 -81.32	47.45 -1.25 -74.82	46.73 -0.02 -47.26	66.25 -0.36 -75.36	52.71 -0.09 -54.66	36.38 0.21 -31.36	34.11 -0.15 -37.85	28.33 0.37 -18.42	24.03 0.87 -0.96	29.67 0.49 -15.33	26.21 0.76 -3.28	44.90 0.05 -43.48	40.33 0.44 -28.72	49.48 0.78 -29.47	49.63 0.73 -29.98	33.87 0.74 -14.89	28.72 1.23 0.00	26.78 1.12 0.00	23.94 1.19 0.00	26.33 1.21 0.00	28.33 1.37 0.00
E_CANADA_MHWK_HY 24050	-26.91 -0.63 -1.63	-25.24 -0.39 -1.62	-27.50 -0.57 -1.69	-27.31 -0.55 -1.64	-25.07 -0.45 -1.51	0.44 -0.01 -0.96	-7.48 -0.23 -1.49	-0.97 -0.04 -0.94	5.52 0.09 -0.63	-2.84 -0.03 -0.76	10.02 0.11 -0.37	22.50 0.28 -0.02	14.40 0.25 -0.31	22.62 0.38 -0.07	2.28 0.04 -0.88	12.05 0.30 -0.58	20.40 0.57 -0.60	20.05 0.52 -0.61	18.93 0.40 -0.30	27.95 0.46 0.00	26.06 0.40 0.00	23.14 0.38 0.00	25.41 0.29 0.00	27.13 0.17 0.00
E_FISHKILL__LBMP 23776	24.63 -1.26 -53.80	25.93 -1.21 -53.62	25.87 -1.25 -55.74	24.55 -1.22 -54.16	22.56 -1.15 -49.84	30.95 -0.03 -31.47	41.06 -0.39 -50.19	34.45 -0.09 -36.40	25.92 0.23 -20.88	21.45 -0.17 -25.20	22.31 0.50 -12.27	23.97 1.13 -0.64	24.81 0.75 -10.21	25.54 1.19 -2.18	30.38 0.07 -28.95	30.87 0.58 -19.13	39.87 1.02 -19.62	39.92 1.03 -19.97	29.15 1.00 -9.92	28.88 1.39 0.00	26.90 1.24 0.00	23.77 1.02 0.00	26.27 1.15 0.00	28.11 1.15 0.00
FALCON___SEABRD_CC1 323796	-24.58 1.87 -1.46	-22.60 1.88 -2.01	-24.62 1.91 -2.09	-23.82 2.56 -2.03	-21.65 2.61 -1.86	0.72 0.04 -1.18	-6.13 0.74 -1.88	-0.39 0.14 -1.34	5.24 -0.35 -0.78	-2.39 0.26 -0.94	9.29 -0.71 -0.46	20.48 -1.75 -0.02	12.82 -1.40 -0.38	20.24 -2.01 -0.08	-6.37 -0.13 7.61	7.76 -1.31 2.09	17.85 -2.12 -0.74	17.54 -2.13 -0.75	16.70 -1.90 -0.37	26.37 -1.12 0.00	25.73 0.07 0.00	22.61 -0.15 0.00	24.50 -0.62 0.00	26.72 -0.24 0.00
FALCON___SEABRD_CC2 323797	-24.58 1.87 -1.46	-22.60 1.88 -2.01	-24.62 1.91 -2.09	-23.82 2.56 -2.03	-21.65 2.61 -1.86	0.72 0.04 -1.18	-6.13 0.74 -1.88	-0.39 0.14 -1.34	5.24 -0.35 -0.78	-2.39 0.26 -0.94	9.29 -0.71 -0.46	20.48 -1.75 -0.02	12.82 -1.40 -0.38	20.24 -2.01 -0.08	-6.37 -0.13 7.61	7.76 -1.31 2.09	17.85 -2.12 -0.74	17.54 -2.13 -0.75	16.70 -1.90 -0.37	26.37 -1.12 0.00	25.73 0.07 0.00	22.61 -0.15 0.00	24.50 -0.62 0.00	26.72 -0.24 0.00
FAR ROCKAWAY___4 23548	22.63 -2.10 -52.65	23.99 -1.99 -52.46	23.82 -2.11 -54.54	22.55 -2.06 -53.00	20.77 -1.87 -48.77	30.26 -0.04 -30.80	39.72 -0.65 -49.11	33.61 -0.14 -35.62	25.61 0.38 -20.44	20.79 -0.28 -24.66	22.36 0.83 -12.00	24.68 1.86 -0.63	25.05 1.21 -9.99	26.26 1.95 -2.14	29.81 0.12 -28.33	30.87 0.99 -18.72	40.13 1.69 -19.20	40.13 1.68 -19.54	29.62 1.67 -9.71	29.85 2.36 0.00	27.80 2.13 0.00	24.50 1.74 0.00	27.05 1.93 0.00	28.92 1.96 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.11 -1.63 -52.65	24.42 -1.57 -52.47	24.30 -1.63 -54.55	23.01 -1.60 -53.01	21.12 -1.52 -48.77	30.27 -0.03 -30.80	39.86 -0.52 -49.12	33.64 -0.12 -35.62	25.55 0.31 -20.44	20.84 -0.24 -24.66	22.23 0.69 -12.00	24.39 1.56 -0.63	24.87 1.03 -9.99	25.94 1.64 -2.14	29.79 0.09 -28.33	30.67 0.79 -18.72	39.81 1.37 -19.20	39.84 1.39 -19.54	29.29 1.35 -9.71	29.37 1.88 0.00	27.33 1.67 0.00	24.12 1.36 0.00	26.63 1.51 0.00	28.49 1.53 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.10 -1.64 -52.65	24.41 -1.59 -52.47	24.29 -1.64 -54.55	23.00 -1.61 -53.01	21.12 -1.53 -48.77	30.27 -0.04 -30.80	39.85 -0.52 -49.12	33.64 -0.12 -35.62	25.56 0.31 -20.44	20.84 -0.24 -24.66	22.23 0.69 -12.00	24.40 1.57 -0.63	24.88 1.04 -9.99	25.95 1.64 -2.14	29.79 0.09 -28.33	30.67 0.80 -18.72	39.81 1.37 -19.20	39.85 1.39 -19.54	29.30 1.35 -9.71	29.38 1.90 0.00	27.34 1.68 0.00	24.13 1.37 0.00	26.64 1.52 0.00	28.50 1.54 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.12 -1.61 -52.65	24.43 -1.56 -52.47	24.32 -1.62 -54.55	23.03 -1.59 -53.01	21.14 -1.51 -48.77	30.27 -0.03 -30.80	39.86 -0.52 -49.12	33.64 -0.12 -35.62	25.55 0.31 -20.44	20.84 -0.24 -24.66	22.22 0.69 -12.00	24.38 1.55 -0.63	24.86 1.03 -9.99	25.93 1.62 -2.14	29.79 0.09 -28.33	30.67 0.79 -18.72	39.79 1.36 -19.20	39.83 1.38 -19.54	29.28 1.34 -9.71	29.35 1.86 0.00	27.32 1.65 0.00	24.10 1.34 0.00	26.61 1.49 0.00	28.47 1.51 0.00
FARRAGUT___LBMP 323566	23.13 -1.60 -52.65	24.45 -1.54 -52.47	24.33 -1.60 -54.55	23.04 -1.57 -53.01	21.15 -1.50 -48.77	30.27 -0.03 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.62	25.55 0.31 -20.44	20.85 -0.23 -24.66	22.22 0.68 -12.00	24.35 1.53 -0.63	24.85 1.02 -9.99	25.91 1.61 -2.14	29.79 0.09 -28.33	30.66 0.77 -18.72	39.78 1.34 -19.20	39.81 1.36 -19.54	29.26 1.32 -9.71	29.33 1.85 0.00	27.30 1.63 0.00	24.09 1.33 0.00	26.59 1.47 0.00	28.45 1.49 0.00
FENNER___WINDPWR 24204	-17.53 -0.22 -10.61	-16.10 -0.20 -10.59	-17.86 -0.25 -11.01	-17.97 -0.26 -10.69	-16.50 -0.22 -9.84	5.72 0.00 -6.21	1.11 -0.14 -9.99	5.71 -0.03 -7.61	8.99 0.07 -4.12	1.36 -0.03 -4.98	12.03 0.08 -2.42	22.56 0.23 -0.13	16.01 0.15 -2.02	22.88 0.27 -0.43	7.10 0.02 -5.72	15.10 0.16 -3.78	23.40 0.29 -3.87	23.12 0.26 -3.94	20.45 0.26 -1.96	27.95 0.46 0.00	26.06 0.40 0.00	23.08 0.32 0.00	25.48 0.36 0.00	27.37 0.41 0.00
FIBERTEK___ENERGY 23856	-17.15 -0.07 -10.83	-15.73 -0.06 -10.81	-17.45 -0.07 -11.23	-17.56 -0.09 -10.92	-16.16 -0.08 -10.04	5.84 0.00 -6.34	1.35 -0.05 -10.14	5.57 -0.01 -7.44	9.03 0.02 -4.21	1.49 0.00 -5.08	12.02 0.01 -2.47	22.35 0.03 -0.13	15.92 0.01 -2.06	22.65 0.04 -0.44	7.21 0.00 -5.84	15.06 0.04 -3.86	23.27 0.08 -3.96	23.01 0.06 -4.03	20.25 0.02 -2.00	27.44 -0.04 0.00	25.57 -0.09 0.00	22.69 -0.06 0.00	25.08 -0.05 0.00	26.95 -0.01 0.00
FITZPATRICK____ 23598	-19.35 0.63 -7.93	-17.98 0.59 -7.90	-19.76 0.64 -8.22	-19.80 0.61 -7.99	-18.21 0.57 -7.35	4.15 0.01 -4.64	-1.14 0.19 -7.41	3.59 0.04 -5.42	7.77 -0.11 -3.08	0.22 0.08 -3.72	11.10 -0.24 -1.81	21.74 -0.56 -0.09	14.99 -0.36 -1.51	21.91 -0.59 -0.32	5.60 -0.03 -4.27	13.70 -0.28 -2.82	21.63 -0.50 -2.89	21.36 -0.50 -2.94	19.19 -0.51 -1.46	26.69 -0.80 0.00	24.90 -0.76 0.00	22.13 -0.63 0.00	24.44 -0.68 0.00	26.27 -0.69 0.00
FLOWRFLD_69_KV_BK1 356044	22.72 -2.01 -52.65	24.05 -1.93 -52.46	23.88 -2.05 -54.54	22.61 -1.99 -53.00	20.85 -1.79 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.62 0.38 -20.44	20.80 -0.28 -24.66	22.38 0.85 -12.00	24.68 1.86 -0.63	25.05 1.21 -9.99	26.25 1.94 -2.14	29.81 0.12 -28.33	30.86 0.98 -18.72	39.98 1.55 -19.20	39.99 1.53 -19.54	29.50 1.55 -9.71	29.64 2.15 0.00	27.75 2.09 0.00	25.70 1.77 -1.18	27.04 1.92 0.00	28.90 1.94 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.73 -1.62 -53.27	25.07 -1.54 -53.08	24.97 -1.61 -55.19	23.65 -1.58 -53.63	21.73 -1.48 -49.34	30.63 -0.03 -31.16	40.44 -0.52 -49.69	34.05 -0.12 -36.04	25.78 0.30 -20.68	21.15 -0.22 -24.95	22.29 0.61 -12.14	24.21 1.38 -0.63	24.86 0.91 -10.11	25.79 1.46 -2.16	30.11 0.09 -28.66	30.83 0.73 -18.94	39.94 1.28 -19.43	39.98 1.30 -19.77	29.30 1.25 -9.82	29.25 1.76 0.00	27.25 1.59 0.00	24.06 1.31 0.00	26.58 1.46 0.00	28.45 1.49 0.00
FORT ORANGE____ 23900	34.79 -0.66 -63.37	36.07 -0.60 -63.15	36.37 -0.66 -65.65	34.75 -0.65 -63.80	31.93 -0.64 -58.70	36.56 -0.01 -37.07	50.16 -0.21 -59.11	40.90 -0.05 -42.82	29.50 0.12 -24.57	25.98 -0.09 -29.65	24.20 0.23 -14.43	23.49 0.53 -0.75	26.20 0.34 -12.01	25.33 0.59 -2.57	34.95 0.04 -33.55	33.98 0.31 -22.50	42.89 0.57 -23.08	42.99 0.58 -23.49	30.45 0.55 -11.67	28.24 0.76 0.00	26.35 0.69 0.00	23.34 0.58 0.00	25.69 0.57 0.00	27.44 0.48 0.00
FORT_DRUM_COGEN 23780	-19.50 1.48 -6.94	-17.92 1.55 -7.01	-19.77 1.56 -7.29	-19.81 1.51 -7.08	-18.04 1.57 -6.51	3.68 0.07 -4.11	-1.83 0.33 -6.58	3.07 0.08 -4.86	7.30 -0.24 -2.73	-0.12 0.17 -3.29	10.66 -0.48 -1.60	21.23 -1.05 -0.08	14.59 -0.58 -1.34	21.48 -0.98 -0.28	5.33 -0.06 -4.02	13.25 -0.48 -2.58	21.05 -0.76 -2.57	20.94 -0.58 -2.61	19.35 -0.18 -1.30	27.70 0.22 0.00	25.40 -0.27 0.00	22.73 -0.03 0.00	24.91 -0.20 0.00	26.86 -0.09 0.00
FOX_HILLS___ESR 323835	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.58 -48.78	30.27 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.25 -24.66	22.23 0.69 -12.00	24.40 1.58 -0.63	24.88 1.04 -9.99	25.96 1.65 -2.14	29.79 0.09 -28.33	30.67 0.79 -18.72	39.83 1.39 -19.20	39.86 1.40 -19.54	29.33 1.38 -9.71	29.43 1.95 0.00	27.40 1.73 0.00	24.19 1.43 0.00	26.71 1.59 0.00	28.59 1.64 0.00
FPL_FAR_ROCK_GT1 24212	22.63 -2.10 -52.65	23.99 -2.00 -52.46	23.82 -2.10 -54.54	22.55 -2.05 -53.00	20.76 -1.88 -48.77	30.26 -0.04 -30.80	39.72 -0.65 -49.11	33.61 -0.14 -35.62	25.62 0.38 -20.44	20.79 -0.28 -24.66	22.36 0.82 -12.00	24.69 1.87 -0.63	25.05 1.21 -9.99	26.26 1.95 -2.14	29.81 0.12 -28.33	30.87 0.99 -18.72	40.13 1.69 -19.20	40.13 1.68 -19.54	29.62 1.67 -9.71	29.85 2.36 0.00	27.80 2.13 0.00	24.50 1.74 0.00	27.05 1.93 0.00	28.92 1.96 0.00
FPL_FAR_ROCK_GT2 23815	22.63 -2.10 -52.65	23.99 -2.00 -52.46	23.82 -2.10 -54.54	22.55 -2.05 -53.00	20.76 -1.88 -48.77	30.26 -0.04 -30.80	39.72 -0.65 -49.11	33.61 -0.14 -35.62	25.62 0.38 -20.44	20.79 -0.28 -24.66	22.36 0.82 -12.00	24.69 1.87 -0.63	25.05 1.21 -9.99	26.26 1.95 -2.14	29.81 0.12 -28.33	30.87 0.99 -18.72	40.13 1.69 -19.20	40.13 1.68 -19.54	29.62 1.67 -9.71	29.85 2.36 0.00	27.80 2.13 0.00	24.50 1.74 0.00	27.05 1.93 0.00	28.92 1.96 0.00
FRANKLIN_FALL_HYD 24054	-24.19 2.01 -1.71	-22.32 1.93 -2.22	-24.28 2.02 -2.31	-23.62 2.53 -2.25	-21.73 2.33 -2.07	0.85 0.05 -1.31	-5.93 0.73 -2.08	-0.23 0.14 -1.49	5.33 -0.34 -0.87	-2.28 0.26 -1.05	9.31 -0.73 -0.51	20.44 -1.78 -0.03	12.90 -1.37 -0.42	20.30 -1.96 -0.09	7.99 -0.12 -6.75	12.54 -1.21 -2.59	18.11 -1.94 -0.81	17.76 -1.99 -0.83	16.84 -1.81 -0.41	26.43 -1.05 0.00	25.71 0.05 0.00	22.62 -0.13 0.00	24.52 -0.60 0.00	26.74 -0.21 0.00
FREEPORT_EQUS_GT1 23764	22.84 -1.89 -52.65	24.18 -1.80 -52.46	24.04 -1.89 -54.54	22.76 -1.84 -53.00	20.97 -1.67 -48.77	30.26 -0.04 -30.80	39.79 -0.58 -49.11	33.62 -0.13 -35.62	25.59 0.35 -20.44	20.82 -0.26 -24.66	22.30 0.76 -12.00	24.54 1.71 -0.63	24.95 1.11 -9.99	26.09 1.79 -2.14	29.80 0.11 -28.33	30.79 0.91 -18.72	39.96 1.52 -19.20	39.98 1.53 -19.54	29.47 1.53 -9.71	29.66 2.17 0.00	27.62 1.96 0.00	24.35 1.59 0.00	26.88 1.76 0.00	28.74 1.78 0.00

FREEPORT___CT2 23818	22.84 -1.89 -52.65	24.18 -1.80 -52.46	24.04 -1.89 -54.54	22.76 -1.84 -53.00	20.97 -1.67 -48.77	30.26 -0.04 -30.80	39.79 -0.58 -49.11	33.62 -0.13 -35.62	25.59 0.35 -20.44	20.82 -0.26 -24.66	22.30 0.76 -12.00	24.54 1.71 -0.63	24.95 1.11 -9.99	26.09 1.79 -2.14	29.80 0.11 -28.33	30.79 0.91 -18.72	39.96 1.52 -19.20	39.98 1.53 -19.54	29.47 1.53 -9.71	29.66 2.17 0.00	27.62 1.96 0.00	24.35 1.59 0.00	26.88 1.76 0.00	28.74 1.78 0.00
FRESHKLS_33_KV_LOAD 356253	23.05 -1.69 -52.66	24.37 -1.63 -52.47	24.26 -1.68 -54.55	22.96 -1.65 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.87 -0.51 -49.12	33.65 -0.11 -35.63	25.54 0.30 -20.44	20.85 -0.23 -24.66	22.18 0.64 -12.00	24.28 1.46 -0.63	24.80 0.96 -9.99	25.83 1.53 -2.14	29.78 0.09 -28.33	30.61 0.73 -18.72	39.73 1.29 -19.20	39.77 1.31 -19.54	29.25 1.31 -9.71	29.33 1.84 0.00	27.32 1.66 0.00	24.16 1.40 0.00	26.70 1.59 0.00	28.60 1.64 0.00
FULTON COGEN____ 23766	-18.11 0.30 -9.51	-16.71 0.29 -9.49	-18.44 0.31 -9.86	-18.52 0.29 -9.58	-17.04 0.27 -8.82	5.07 0.00 -5.57	0.23 0.08 -8.90	4.69 0.02 -6.53	8.45 -0.05 -3.70	0.92 0.04 -4.46	11.59 -0.12 -2.17	22.05 -0.26 -0.11	15.48 -0.18 -1.81	22.26 -0.29 -0.39	6.48 -0.01 -5.12	14.43 -0.12 -3.39	22.49 -0.22 -3.47	22.23 -0.22 -3.54	19.75 -0.24 -1.76	27.04 -0.44 0.00	25.22 -0.44 0.00	22.40 -0.35 0.00	24.72 -0.40 0.00	26.58 -0.37 0.00
FULTON___LFGE 323630	46.44 -1.80 -76.15	47.69 -1.72 -75.89	48.47 -1.81 -78.90	46.49 -1.78 -76.67	42.72 -1.70 -70.54	44.02 -0.03 -44.55	61.66 -0.64 -71.04	49.53 -0.13 -51.53	34.72 0.34 -29.57	31.87 -0.23 -35.68	27.46 0.55 -17.37	24.31 1.20 -0.91	29.00 0.70 -14.45	26.50 1.23 -3.09	42.46 0.10 -40.99	39.12 0.88 -27.08	48.58 1.57 -27.78	48.70 1.51 -28.27	33.73 1.46 -14.04	29.66 2.17 0.00	27.52 1.85 0.00	24.40 1.64 0.00	26.76 1.64 0.00	28.67 1.71 0.00
G.F.CEMENT___DRP 24184	35.86 -1.85 -65.63	37.20 -1.72 -65.40	37.54 -1.83 -67.99	35.87 -1.80 -66.07	32.87 -1.79 -60.79	37.86 -0.03 -38.39	51.81 -0.68 -61.23	42.44 -0.15 -44.46	30.69 0.37 -25.51	26.94 -0.26 -30.79	25.22 0.70 -14.98	24.59 1.61 -0.78	27.37 1.05 -12.47	26.52 1.69 -2.67	37.25 0.10 -35.79	35.29 0.76 -23.37	44.53 1.32 -23.97	44.62 1.31 -24.39	31.53 1.18 -12.12	29.30 1.81 0.00	27.31 1.64 0.00	24.12 1.37 0.00	26.70 1.58 0.00	28.48 1.52 0.00
GARDENVILLE___LBMP 24039	-13.55 0.00 -14.36	-9.86 -0.11 -16.73	-10.54 -0.21 -18.29	-2.03 -0.31 -26.68	68.39 -0.29 -94.81	7.98 -0.02 -8.50	4.75 0.08 -13.41	7.96 0.04 -9.78	10.29 -0.10 -5.58	3.20 0.06 -6.73	12.58 -0.22 -3.27	21.98 -0.38 -0.17	16.14 -0.41 -2.70	22.34 -0.41 -0.58	8.99 -0.03 -7.65	16.04 -0.18 -5.06	24.16 -0.26 -5.19	23.73 -0.47 -5.28	20.25 -0.61 -2.62	26.63 -0.86 0.00	24.94 -0.72 0.00	22.04 -0.71 0.00	24.54 -0.58 0.00	26.73 -0.23 0.00
GARDNVLA_35_KV_LD 355827	-13.62 -0.07 -14.37	-9.95 -0.18 -16.70	-10.63 -0.27 -18.26	-2.23 -0.38 -26.55	67.47 -0.36 -93.96	7.98 -0.02 -8.50	4.71 0.04 -13.42	7.94 0.03 -9.78	10.31 -0.07 -5.58	3.18 0.03 -6.73	12.63 -0.17 -3.27	22.11 -0.26 -0.17	16.21 -0.34 -2.70	22.45 -0.30 -0.58	9.00 -0.02 -7.65	16.09 -0.12 -5.05	24.26 -0.16 -5.18	23.82 -0.37 -5.27	20.34 -0.51 -2.62	26.77 -0.72 0.00	25.07 -0.60 0.00	22.15 -0.61 0.00	24.65 -0.47 0.00	26.83 -0.13 0.00
GELCKHM___115KV_LOAD 80723	-17.43 0.12 -10.36	-16.02 0.12 -10.34	-17.75 0.12 -10.75	-17.86 0.10 -10.44	-16.42 0.09 -9.61	5.57 0.00 -6.07	0.98 0.02 -9.70	5.27 0.01 -7.13	8.81 -0.02 -4.03	1.29 0.02 -4.86	11.84 -0.06 -2.37	22.20 -0.13 -0.12	15.73 -0.09 -1.97	22.46 -0.14 -0.42	6.95 0.00 -5.59	14.81 -0.04 -3.69	22.94 -0.09 -3.79	22.68 -0.09 -3.85	20.02 -0.13 -1.91	27.23 -0.26 0.00	25.38 -0.29 0.00	22.53 -0.22 0.00	24.89 -0.23 0.00	26.75 -0.20 0.00
GENERAL___MILLS 23808	-13.60 -0.05 -14.37	-9.93 -0.16 -16.71	-10.61 -0.26 -18.26	-2.18 -0.36 -26.58	67.72 -0.34 -94.19	7.97 -0.02 -8.50	4.72 0.05 -13.41	7.95 0.03 -9.78	10.30 -0.08 -5.58	3.19 0.04 -6.73	12.61 -0.19 -3.27	22.07 -0.30 -0.17	16.19 -0.36 -2.70	22.42 -0.33 -0.58	8.99 -0.02 -7.65	16.07 -0.14 -5.05	24.23 -0.19 -5.18	23.79 -0.41 -5.27	20.31 -0.54 -2.62	26.73 -0.76 0.00	25.02 -0.65 0.00	22.11 -0.64 0.00	24.62 -0.50 0.00	26.79 -0.16 0.00
GE_PLASTICS___DRP 24183	35.00 -0.56 -63.48	36.26 -0.52 -63.26	36.58 -0.57 -65.77	34.94 -0.56 -63.90	32.14 -0.54 -58.80	36.63 -0.01 -37.13	50.31 -0.16 -59.21	41.01 -0.03 -42.91	29.52 0.10 -24.62	26.05 -0.07 -29.71	24.21 0.22 -14.46	23.45 0.50 -0.75	26.20 0.32 -12.04	25.28 0.53 -2.57	35.17 0.03 -33.77	33.97 0.26 -22.55	42.83 0.46 -23.13	42.93 0.47 -23.54	30.38 0.45 -11.69	28.11 0.62 0.00	26.23 0.56 0.00	23.23 0.47 0.00	25.60 0.48 0.00	27.37 0.41 0.00
GILBOA___1 23756	24.13 -0.79 -52.84	25.41 -0.77 -52.66	25.30 -0.83 -54.75	23.91 -0.89 -53.20	22.07 -0.76 -48.95	30.40 -0.01 -30.91	40.35 -0.20 -49.29	33.85 -0.04 -35.76	25.44 0.12 -20.51	21.08 -0.09 -24.75	21.85 0.26 -12.05	23.43 0.60 -0.63	24.27 0.39 -10.03	24.95 0.64 -2.15	29.83 0.04 -28.43	30.26 0.31 -18.78	39.03 0.53 -19.27	39.03 0.50 -19.61	28.50 0.53 -9.74	28.21 0.72 0.00	26.31 0.64 0.00	23.28 0.53 0.00	25.71 0.60 0.00	27.55 0.60 0.00
GILBOA___2 23757	24.13 -0.79 -52.84	25.41 -0.77 -52.66	25.30 -0.83 -54.75	23.91 -0.89 -53.20	22.07 -0.76 -48.95	30.40 -0.01 -30.91	40.35 -0.20 -49.29	33.85 -0.04 -35.76	25.44 0.12 -20.51	21.08 -0.09 -24.75	21.85 0.26 -12.05	23.43 0.60 -0.63	24.27 0.39 -10.03	24.95 0.64 -2.15	29.83 0.04 -28.43	30.26 0.31 -18.78	39.03 0.53 -19.27	39.03 0.50 -19.61	28.50 0.53 -9.74	28.21 0.72 0.00	26.31 0.64 0.00	23.28 0.53 0.00	25.71 0.60 0.00	27.55 0.60 0.00
GILBOA___3 23758	24.13 -0.79 -52.84	25.41 -0.77 -52.66	25.30 -0.83 -54.75	23.91 -0.89 -53.20	22.07 -0.76 -48.95	30.40 -0.01 -30.91	40.35 -0.20 -49.29	33.85 -0.04 -35.76	25.44 0.12 -20.51	21.08 -0.09 -24.75	21.85 0.26 -12.05	23.43 0.60 -0.63	24.27 0.39 -10.03	24.95 0.64 -2.15	29.83 0.04 -28.43	30.26 0.31 -18.78	39.03 0.53 -19.27	39.03 0.50 -19.61	28.50 0.53 -9.74	28.21 0.72 0.00	26.31 0.64 0.00	23.28 0.53 0.00	25.71 0.60 0.00	27.55 0.60 0.00
GILBOA___4 23759	24.13 -0.79 -52.84	25.41 -0.77 -52.66	25.30 -0.83 -54.75	23.91 -0.89 -53.20	22.07 -0.76 -48.95	30.40 -0.01 -30.91	40.35 -0.20 -49.29	33.85 -0.04 -35.76	25.44 0.12 -20.51	21.08 -0.09 -24.75	21.85 0.26 -12.05	23.43 0.60 -0.63	24.27 0.39 -10.03	24.95 0.64 -2.15	29.83 0.04 -28.43	30.26 0.31 -18.78	39.03 0.53 -19.27	39.03 0.50 -19.61	28.50 0.53 -9.74	28.21 0.72 0.00	26.31 0.64 0.00	23.28 0.53 0.00	25.71 0.60 0.00	27.55 0.60 0.00
GILBOA____ 23599	24.13 -0.79 -52.84	25.40 -0.77 -52.66	25.30 -0.83 -54.75	23.90 -0.90 -53.20	22.07 -0.75 -48.95	30.40 -0.02 -30.91	40.35 -0.21 -49.29	33.85 -0.04 -35.76	25.43 0.12 -20.51	21.08 -0.09 -24.75	21.84 0.26 -12.05	23.43 0.60 -0.63	24.27 0.39 -10.03	24.95 0.64 -2.15	29.83 0.04 -28.43	30.26 0.31 -18.78	39.03 0.52 -19.27	39.03 0.50 -19.61	28.50 0.52 -9.74	28.21 0.72 0.00	26.31 0.64 0.00	23.28 0.53 0.00	25.71 0.60 0.00	27.55 0.60 0.00

GINNA____ 23603	-14.79 1.16 -11.97	-14.87 1.04 -10.57	-17.04 1.10 -10.48	-22.18 1.05 -5.17	-60.05 0.93 34.85	6.46 0.01 -6.95	2.79 0.36 -11.18	6.38 0.08 -8.16	9.21 -0.24 -4.65	2.17 0.15 -5.61	11.80 -0.47 -2.73	21.33 -1.01 -0.14	15.43 -0.69 -2.27	21.64 -1.01 -0.49	7.75 -0.06 -6.45	14.92 -0.51 -4.26	22.74 -0.87 -4.38	22.40 -0.97 -4.45	19.40 -1.05 -2.21	25.85 -1.63 0.00	24.17 -1.49 0.00	21.38 -1.38 0.00	23.63 -1.49 0.00	25.52 -1.44 0.00
GLEN PARK____ 23778	-19.57 1.34 -7.00	-17.99 1.41 -7.07	-19.84 1.42 -7.35	-19.88 1.37 -7.14	-18.09 1.46 -6.57	3.71 0.06 -4.15	-1.82 0.28 -6.64	3.10 0.07 -4.90	7.35 -0.21 -2.75	-0.10 0.15 -3.32	10.73 -0.43 -1.62	21.35 -0.93 -0.08	14.69 -0.50 -1.35	21.63 -0.83 -0.29	5.37 -0.05 -4.05	13.35 -0.41 -2.60	21.20 -0.63 -2.59	21.10 -0.46 -2.63	19.45 -0.09 -1.31	27.84 0.35 0.00	25.53 -0.14 0.00	22.83 0.08 0.00	25.02 -0.10 0.00	26.96 0.00 0.00
GLENDALE_27_KV_LOAD 356172	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.22 -1.71 -54.55	22.92 -1.69 -53.01	21.04 -1.61 -48.78	30.26 -0.04 -30.80	39.84 -0.54 -49.12	33.63 -0.13 -35.63	25.58 0.33 -20.44	20.83 -0.26 -24.66	22.27 0.73 -12.00	24.49 1.67 -0.63	24.94 1.10 -9.99	26.04 1.73 -2.14	29.80 0.10 -28.33	30.72 0.84 -18.72	39.89 1.45 -19.20	39.93 1.47 -19.54	29.37 1.43 -9.71	29.50 2.01 0.00	27.44 1.78 0.00	24.21 1.46 0.00	26.72 1.60 0.00	28.59 1.63 0.00
GLENWOOD_IC_1_G5 23712	22.86 -1.87 -52.65	24.20 -1.79 -52.46	24.05 -1.88 -54.54	22.77 -1.83 -53.00	20.98 -1.66 -48.77	30.26 -0.03 -30.80	39.79 -0.58 -49.11	33.62 -0.13 -35.62	25.59 0.35 -20.44	20.81 -0.26 -24.66	22.32 0.78 -12.00	24.56 1.73 -0.63	24.97 1.13 -9.99	26.12 1.81 -2.14	29.81 0.11 -28.33	30.79 0.91 -18.72	39.97 1.54 -19.20	39.99 1.53 -19.54	29.46 1.52 -9.71	29.63 2.14 0.00	27.59 1.93 0.00	24.33 1.57 0.00	26.85 1.73 0.00	28.71 1.76 0.00
GLENWOOD_IC_2_G1 23688	22.91 -1.82 -52.65	24.24 -1.75 -52.46	24.10 -1.83 -54.54	22.82 -1.78 -53.00	21.01 -1.63 -48.77	30.27 -0.03 -30.80	39.81 -0.56 -49.11	33.63 -0.12 -35.62	25.58 0.35 -20.44	20.82 -0.25 -24.66	22.29 0.75 -12.00	24.50 1.67 -0.63	24.93 1.10 -9.99	26.07 1.76 -2.14	29.80 0.11 -28.33	30.76 0.88 -18.72	39.92 1.49 -19.20	39.94 1.48 -19.54	29.42 1.48 -9.71	29.56 2.07 0.00	27.52 1.86 0.00	24.27 1.52 0.00	26.79 1.68 0.00	28.66 1.71 0.00
GLENWOOD_IC_3_G1 23689	22.91 -1.82 -52.65	24.24 -1.75 -52.46	24.10 -1.83 -54.54	22.82 -1.78 -53.00	21.01 -1.63 -48.77	30.27 -0.03 -30.80	39.81 -0.56 -49.11	33.63 -0.12 -35.62	25.58 0.35 -20.44	20.82 -0.25 -24.66	22.29 0.75 -12.00	24.50 1.67 -0.63	24.93 1.10 -9.99	26.07 1.76 -2.14	29.80 0.11 -28.33	30.76 0.88 -18.72	39.92 1.49 -19.20	39.94 1.48 -19.54	29.42 1.48 -9.71	29.56 2.07 0.00	27.52 1.86 0.00	24.27 1.52 0.00	26.79 1.68 0.00	28.66 1.71 0.00
GLENWOOD____4 23550	22.86 -1.87 -52.65	24.20 -1.79 -52.46	24.05 -1.88 -54.54	22.77 -1.83 -53.00	20.98 -1.66 -48.77	30.26 -0.03 -30.80	39.79 -0.58 -49.11	33.62 -0.13 -35.62	25.59 0.35 -20.44	20.81 -0.26 -24.66	22.32 0.78 -12.00	24.56 1.73 -0.63	24.97 1.13 -9.99	26.12 1.81 -2.14	29.81 0.11 -28.33	30.79 0.91 -18.72	39.97 1.54 -19.20	39.99 1.53 -19.54	29.46 1.52 -9.71	29.63 2.14 0.00	27.59 1.93 0.00	24.33 1.57 0.00	26.85 1.73 0.00	28.71 1.76 0.00
GLENWOOD____5 23614	22.86 -1.87 -52.65	24.20 -1.79 -52.46	24.05 -1.88 -54.54	22.77 -1.83 -53.00	20.98 -1.66 -48.77	30.26 -0.03 -30.80	39.79 -0.58 -49.11	33.62 -0.13 -35.62	25.59 0.35 -20.44	20.81 -0.26 -24.66	22.32 0.78 -12.00	24.56 1.73 -0.63	24.97 1.13 -9.99	26.12 1.81 -2.14	29.81 0.11 -28.33	30.79 0.91 -18.72	39.97 1.54 -19.20	39.99 1.53 -19.54	29.46 1.52 -9.71	29.63 2.14 0.00	27.59 1.93 0.00	24.33 1.57 0.00	26.85 1.73 0.00	28.71 1.76 0.00
GLOBAL GREEN_PORT_GT1 23814	21.83 -2.90 -52.65	23.24 -2.74 -52.46	23.00 -2.92 -54.54	21.73 -2.87 -53.00	20.01 -2.63 -48.77	30.25 -0.05 -30.80	39.45 -0.92 -49.11	33.55 -0.20 -35.62	25.79 0.54 -20.44	20.68 -0.39 -24.66	22.65 1.11 -12.00	25.29 2.47 -0.63	25.41 1.57 -9.99	26.83 2.52 -2.14	29.86 0.16 -28.33	31.23 1.35 -18.72	40.69 2.25 -19.20	40.73 2.28 -19.54	30.20 2.26 -9.71	30.66 3.17 0.00	28.62 2.96 0.00	26.28 2.54 -0.98	27.84 2.72 0.00	29.71 2.75 0.00
GLOBE____DSASP 323697	-13.71 0.44 -13.77	-9.93 0.24 -16.31	-10.49 0.19 -17.93	-1.26 0.12 -27.01	74.53 0.14 -100.52	7.63 -0.02 -8.15	4.38 0.26 -12.85	7.65 0.14 -9.38	9.95 -0.20 -5.34	3.05 0.18 -6.45	12.08 -0.58 -3.12	21.11 -1.25 -0.16	15.48 -0.95 -2.58	21.44 -1.28 -0.55	8.61 -0.09 -7.33	15.35 -0.65 -4.84	23.07 -1.13 -4.97	22.62 -1.35 -5.05	19.32 -1.43 -2.51	25.39 -2.10 0.00	23.86 -1.81 0.00	21.06 -1.70 0.00	23.46 -1.66 0.00	25.71 -1.25 0.00
GOETHSLN____LBMP 323567	23.24 -1.49 -52.65	24.54 -1.46 -52.47	24.43 -1.50 -54.55	23.13 -1.48 -53.01	21.24 -1.40 -48.77	30.26 -0.04 -30.80	39.91 -0.47 -49.12	33.65 -0.11 -35.62	25.53 0.29 -20.44	20.86 -0.22 -24.66	22.17 0.63 -12.00	24.23 1.41 -0.63	24.78 0.94 -9.99	25.79 1.48 -2.14	29.78 0.08 -28.33	30.59 0.71 -18.72	39.66 1.23 -19.20	39.72 1.26 -19.54	29.18 1.23 -9.71	29.19 1.70 0.00	27.17 1.50 0.00	23.97 1.22 0.00	26.48 1.36 0.00	28.33 1.37 0.00
GOLAH____69_KV_TB 1_2 80279	-16.40 -0.95 -12.47	-14.88 -1.01 -12.60	-16.54 -1.10 -13.17	-16.07 -1.13 -13.46	-9.62 -1.05 -17.56	6.77 -0.03 -7.30	2.67 -0.24 -11.65	6.61 -0.04 -8.51	9.75 0.10 -4.84	2.17 -0.09 -5.84	12.46 0.06 -2.86	22.48 0.14 -0.15	16.14 -0.03 -2.33	22.76 0.09 -0.50	7.97 0.00 -6.60	15.56 0.03 -4.36	23.77 0.06 -4.48	23.38 -0.10 -4.55	20.28 -0.21 -2.26	27.15 -0.34 0.00	25.41 -0.26 0.00	22.44 -0.31 0.00	24.85 -0.27 0.00	26.91 -0.05 0.00
GOODYEAR_LAKE_HYD 323669	-9.90 -1.09 -19.10	-8.30 -1.07 -19.25	-9.67 -1.14 -20.08	-9.30 -1.18 -20.27	-2.58 -1.07 -24.62	10.66 -0.02 -11.19	8.75 -0.34 -17.83	11.03 -0.07 -12.96	12.42 0.20 -7.42	5.23 -0.14 -8.95	14.27 0.38 -4.36	23.31 0.88 -0.23	18.01 0.54 -3.63	23.81 0.87 -0.78	11.70 0.05 -10.28	18.42 0.47 -6.79	27.03 0.83 -6.97	26.80 0.80 -7.09	22.52 0.77 -3.52	28.62 1.14 0.00	26.65 0.98 0.00	23.62 0.87 0.00	26.08 0.96 0.00	28.02 1.06 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	-5.41 -0.43 -22.94	-3.50 -0.36 -23.34	-4.60 -0.43 -24.44	-3.33 -0.46 -25.53	11.00 -0.42 -37.54	12.93 -0.01 -13.44	12.53 -0.13 -21.41	13.69 -0.02 -15.58	13.78 0.08 -8.90	7.13 -0.04 -10.74	14.88 0.12 -5.23	22.79 0.32 -0.27	18.39 0.19 -4.35	23.44 0.34 -0.93	13.72 0.02 -12.33	19.49 0.18 -8.15	27.95 0.35 -8.36	27.72 0.30 -8.50	22.71 0.25 -4.23	27.84 0.35 0.00	25.89 0.23 0.00	22.96 0.20 0.00	25.44 0.32 0.00	27.36 0.40 0.00
GOUDEY____7 23579	-5.43 -0.44 -22.94	-3.53 -0.38 -23.34	-4.62 -0.45 -24.44	-3.35 -0.49 -25.53	10.97 -0.44 -37.54	12.93 -0.01 -13.44	12.52 -0.14 -21.41	13.69 -0.02 -15.58	13.79 0.08 -8.90	7.12 -0.04 -10.74	14.89 0.13 -5.23	22.81 0.34 -0.27	18.40 0.21 -4.35	23.46 0.36 -0.93	13.72 0.03 -12.33	19.50 0.20 -8.15	27.97 0.37 -8.36	27.74 0.32 -8.50	22.73 0.27 -4.23	27.86 0.37 0.00	25.92 0.25 0.00	22.98 0.22 0.00	25.45 0.33 0.00	27.39 0.42 0.00

GOUDEY___8	-5.41	-3.50	-4.60	-3.33	11.00	12.93	12.53	13.69	13.78	7.13	14.88	22.79	18.39	23.44	13.72	19.49	27.95	27.72	22.71	27.84	25.89	22.96	25.44	27.36
23580	-0.43	-0.36	-0.43	-0.46	-0.42	-0.01	-0.13	-0.02	0.08	-0.04	0.12	0.32	0.19	0.34	0.02	0.18	0.35	0.30	0.25	0.35	0.23	0.20	0.32	0.40
	-22.94	-23.34	-24.44	-25.53	-37.54	-13.44	-21.41	-15.58	-8.90	-10.74	-5.23	-0.27	-4.35	-0.93	-12.33	-8.15	-8.36	-8.50	-4.23	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_1	23.02	24.33	24.23	22.94	21.06	30.26	39.85	33.64	25.56	20.83	22.24	24.43	24.90	25.98	29.79	30.69	39.85	39.88	29.34	29.44	27.41	24.19	26.70	28.58
24077	-1.72	-1.66	-1.71	-1.68	-1.59	-0.04	-0.53	-0.12	0.32	-0.25	0.70	1.60	1.06	1.67	0.10	0.81	1.41	1.42	1.40	1.96	1.74	1.43	1.58	1.62
	-52.66	-52.47	-54.55	-53.01	-48.78	-30.80	-49.12	-35.63	-20.44	-24.66	-12.00	-0.63	-9.99	-2.14	-28.33	-18.72	-19.20	-19.54	-9.71	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_2	23.02	24.33	24.23	22.94	21.06	30.26	39.85	33.64	25.56	20.83	22.24	24.43	24.90	25.98	29.79	30.69	39.85	39.88	29.34	29.44	27.41	24.19	26.70	28.58
24078	-1.72	-1.66	-1.71	-1.68	-1.59	-0.04	-0.53	-0.12	0.32	-0.25	0.70	1.60	1.06	1.67	0.10	0.81	1.41	1.42	1.40	1.96	1.74	1.43	1.58	1.62
	-52.66	-52.47	-54.55	-53.01	-48.78	-30.80	-49.12	-35.63	-20.44	-24.66	-12.00	-0.63	-9.99	-2.14	-28.33	-18.72	-19.20	-19.54	-9.71	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_3	23.02	24.33	24.23	22.94	21.06	30.26	39.85	33.64	25.56	20.83	22.24	24.43	24.90	25.98	29.79	30.69	39.85	39.88	29.34	29.44	27.41	24.19	26.70	28.58
24079	-1.72	-1.66	-1.71	-1.68	-1.59	-0.04	-0.53	-0.12	0.32	-0.25	0.70	1.60	1.06	1.67	0.10	0.81	1.41	1.42	1.40	1.96	1.74	1.43	1.58	1.62
	-52.66	-52.47	-54.55	-53.01	-48.78	-30.80	-49.12	-35.63	-20.44	-24.66	-12.00	-0.63	-9.99	-2.14	-28.33	-18.72	-19.20	-19.54	-9.71	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_4	23.02	24.33	24.23	22.94	21.06	30.26	39.85	33.64	25.56	20.83	22.24	24.43	24.90	25.98	29.79	30.69	39.85	39.88	29.34	29.44	27.41	24.19	26.70	28.58
24080	-1.72	-1.66	-1.71	-1.68	-1.59	-0.04	-0.53	-0.12	0.32	-0.25	0.70	1.60	1.06	1.67	0.10	0.81	1.41	1.42	1.40	1.96	1.74	1.43	1.58	1.62
	-52.66	-52.47	-54.55	-53.01	-48.78	-30.80	-49.12	-35.63	-20.44	-24.66	-12.00	-0.63	-9.99	-2.14	-28.33	-18.72	-19.20	-19.54	-9.71	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_5	23.02	24.33	24.23	22.94	21.06	30.26	39.85	33.64	25.56	20.83	22.24	24.43	24.90	25.98	29.79	30.69	39.85	39.88	29.34	29.44	27.41	24.19	26.70	28.58
24084	-1.72	-1.66	-1.71	-1.68	-1.59	-0.04	-0.53	-0.12	0.32	-0.25	0.70	1.60	1.06	1.67	0.10	0.81	1.41	1.42	1.40	1.96	1.74	1.43	1.58	1.62

GOWANUS_GT2_7 24120	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
GOWANUS_GT2_8 24121	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
GOWANUS_GT3_1 24122	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
GOWANUS_GT3_2 24123	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
GOWANUS_GT3_3 24124	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
GOWANUS_GT3_4 24125	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
GOWANUS_GT3_5 24126	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
GOWANUS_GT3_6 24127	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
GOWANUS_GT3_7 24128	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
GOWANUS_GT3_8 24129	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
GOWANUS_GT4_1 24130	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.60 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.41 -19.20	39.88 1.42 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.41 1.74 0.00	24.19 1.43 0.00	26.70 1.58 0.00	28.58 1.62 0.00
GOWANUS_GT4_2 24131	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.60 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.41 -19.20	39.88 1.42 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.41 1.74 0.00	24.19 1.43 0.00	26.70 1.58 0.00	28.58 1.62 0.00
GOWANUS_GT4_3 24132	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.60 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.41 -19.20	39.88 1.42 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.41 1.74 0.00	24.19 1.43 0.00	26.70 1.58 0.00	28.58 1.62 0.00
GOWANUS_GT4_4 24133	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.60 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.41 -19.20	39.88 1.42 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.41 1.74 0.00	24.19 1.43 0.00	26.70 1.58 0.00	28.58 1.62 0.00
GOWANUS_GT4_5 24134	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.60 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.41 -19.20	39.88 1.42 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.41 1.74 0.00	24.19 1.43 0.00	26.70 1.58 0.00	28.58 1.62 0.00

GOWANUS_GT4_6 24135	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.60 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.41 -19.20	39.88 1.42 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.41 1.74 0.00	24.19 1.43 0.00	26.70 1.58 0.00	28.58 1.62 0.00
GOWANUS_GT4_7 24136	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.60 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.41 -19.20	39.88 1.42 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.41 1.74 0.00	24.19 1.43 0.00	26.70 1.58 0.00	28.58 1.62 0.00
GOWANUS_GT4_8 24137	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.60 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.41 -19.20	39.88 1.42 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.41 1.74 0.00	24.19 1.43 0.00	26.70 1.58 0.00	28.58 1.62 0.00
GREENBSH_115KV_TB3 55895	35.36 -0.42 -63.70	36.63 -0.37 -63.48	36.97 -0.41 -66.00	35.33 -0.40 -64.13	32.48 -0.40 -59.00	36.76 -0.01 -37.26	50.55 -0.12 -59.42	41.15 -0.03 -43.04	29.58 0.08 -24.70	26.16 -0.06 -29.80	24.22 0.17 -14.51	23.35 0.40 -0.76	26.18 0.26 -12.07	25.19 0.44 -2.58	35.09 0.02 -33.70	34.00 0.22 -22.62	42.81 0.37 -23.20	42.92 0.39 -23.61	30.33 0.37 -11.73	27.97 0.48 0.00	26.12 0.45 0.00	23.13 0.37 0.00	25.47 0.35 0.00	27.21 0.26 0.00
GREENDGE_115KV_TB5 80291	-12.40 -0.29 -15.80	-10.44 -0.23 -16.27	-11.83 -0.32 -17.11	-10.24 -0.38 -18.54	5.75 -0.37 -32.24	8.75 -0.01 -9.26	5.87 -0.14 -14.75	8.88 -0.02 -10.76	11.01 0.07 -6.13	3.79 -0.03 -7.40	13.23 0.09 -3.60	22.64 0.25 -0.19	16.96 0.12 -3.00	23.12 0.30 -0.64	9.88 0.02 -8.50	16.96 0.19 -5.61	25.41 0.41 -5.76	25.15 0.37 -5.86	21.41 0.27 -2.91	27.84 0.35 0.00	25.89 0.23 0.00	22.83 0.08 0.00	25.32 0.20 0.00	27.30 0.34 0.00
GREENIDGE___3 23582	-12.40 -0.29 -15.80	-10.44 -0.23 -16.27	-11.83 -0.32 -17.11	-10.24 -0.38 -18.54	5.75 -0.37 -32.24	8.75 -0.01 -9.26	5.87 -0.14 -14.75	8.88 -0.02 -10.76	11.01 0.07 -6.13	3.79 -0.03 -7.40	13.23 0.09 -3.60	22.64 0.25 -0.19	16.96 0.12 -3.00	23.12 0.30 -0.64	9.88 0.02 -8.50	16.96 0.19 -5.61	25.41 0.41 -5.76	25.15 0.37 -5.86	21.41 0.27 -2.91	27.84 0.35 0.00	25.89 0.23 0.00	22.83 0.08 0.00	25.32 0.20 0.00	27.30 0.34 0.00
GREENIDGE___4 23583	-12.39 -0.28 -15.80	-10.43 -0.21 -16.27	-11.82 -0.31 -17.11	-10.23 -0.38 -18.54	5.73 -0.39 -32.24	8.75 -0.01 -9.26	5.87 -0.14 -14.75	8.88 -0.02 -10.76	11.01 0.07 -6.13	3.79 -0.03 -7.40	13.23 0.09 -3.60	22.63 0.25 -0.19	16.96 0.12 -3.00	23.12 0.30 -0.64	9.88 0.02 -8.50	16.96 0.19 -5.61	25.41 0.41 -5.76	25.15 0.38 -5.86	21.41 0.27 -2.91	27.84 0.35 0.00	25.89 0.22 0.00	22.84 0.08 0.00	25.32 0.20 0.00	27.30 0.34 0.00
GREENLWN_69_KV_BK 3 55738	23.01 -1.72 -52.65	24.32 -1.66 -52.46	24.18 -1.75 -54.54	22.92 -1.69 -53.00	21.16 -1.48 -48.77	30.26 -0.03 -30.80	39.88 -0.49 -49.11	33.64 -0.11 -35.62	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.28 0.74 -12.00	24.47 1.65 -0.63	24.91 1.08 -9.99	26.03 1.72 -2.14	29.80 0.10 -28.33	30.72 0.85 -18.72	39.82 1.38 -19.20	39.80 1.34 -19.54	29.31 1.36 -9.71	29.37 1.88 0.00	27.38 1.72 0.00	24.04 1.41 0.13	26.68 1.56 0.00	28.56 1.60 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.60 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.41 -19.20	39.88 1.42 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.41 1.74 0.00	24.19 1.43 0.00	26.70 1.58 0.00	28.58 1.62 0.00
GRISSOM___SOLAR 323813	46.44 -1.80 -76.15	47.69 -1.72 -75.89	48.47 -1.81 -78.90	46.49 -1.78 -76.67	42.72 -1.70 -70.54	44.02 -0.03 -44.55	61.66 -0.64 -71.04	49.53 -0.13 -51.53	34.72 0.34 -29.57	31.87 -0.23 -35.68	27.46 0.55 -17.37	24.31 1.20 -0.91	29.00 0.70 -14.45	26.50 1.23 -3.09	42.46 0.10 -40.99	39.12 0.88 -27.08	48.58 1.57 -27.78	48.70 1.51 -28.27	33.73 1.46 -14.04	29.66 2.17 0.00	27.52 1.85 0.00	24.40 1.64 0.00	26.76 1.64 0.00	28.67 1.71 0.00
GROVEVILLE___HYD 323602	23.73 -1.62 -53.27	25.07 -1.54 -53.08	24.97 -1.61 -55.19	23.65 -1.58 -53.63	21.73 -1.48 -49.34	30.63 -0.03 -31.16	40.44 -0.52 -49.69	34.05 -0.12 -36.04	25.78 0.30 -20.68	21.15 -0.22 -24.95	22.29 0.61 -12.14	24.21 1.38 -0.63	24.86 0.91 -10.11	25.79 1.46 -2.16	30.11 0.09 -28.66	30.83 0.73 -18.94	39.94 1.28 -19.43	39.98 1.30 -19.77	29.30 1.25 -9.82	29.25 1.76 0.00	27.25 1.59 0.00	24.06 1.31 0.00	26.58 1.46 0.00	28.45 1.49 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	-17.15 -0.07 -10.83	-15.73 -0.06 -10.81	-17.45 -0.07 -11.23	-17.56 -0.09 -10.92	-16.16 -0.08 -10.04	5.84 0.00 -6.34	1.35 -0.05 -10.14	5.57 -0.01 -7.44	9.03 0.02 -4.21	1.49 0.00 -5.08	12.02 0.01 -2.47	22.35 0.03 -0.13	15.92 0.01 -2.06	22.65 0.04 -0.44	7.21 0.00 -5.84	15.06 0.04 -3.86	23.27 0.08 -3.96	23.01 0.06 -4.03	20.25 0.02 -2.00	27.44 -0.04 0.00	25.57 -0.09 0.00	22.69 -0.06 0.00	25.08 -0.05 0.00	26.95 -0.01 0.00
HAMLTNNY_34_KV_TB 80303	-16.88 -0.15 -11.19	-15.48 -0.15 -11.15	-17.20 -0.18 -11.60	-17.33 -0.19 -11.27	-15.94 -0.18 -10.37	6.04 0.00 -6.55	1.64 -0.08 -10.46	5.79 -0.01 -7.67	9.19 0.04 -4.34	1.64 -0.02 -5.24	12.13 0.05 -2.55	22.40 0.07 -0.13	16.03 0.05 -2.13	22.73 0.10 -0.46	7.41 0.01 -6.04	15.22 0.06 -3.99	23.47 0.14 -4.09	23.19 0.11 -4.17	20.36 0.06 -2.07	27.52 0.03 0.00	25.61 -0.06 0.00	22.72 -0.03 0.00	25.13 0.01 0.00	27.00 0.04 0.00
HAMPSHIRE___PAPER_HYD 323593	-22.57 2.04 -3.31	-20.85 2.02 -3.60	-22.84 2.03 -3.75	-22.63 2.13 -3.64	-20.44 2.33 -3.35	1.70 0.09 -2.12	-4.81 0.55 -3.39	0.77 0.13 -2.51	5.88 -0.33 -1.41	-1.64 0.25 -1.69	9.63 -0.73 -0.82	20.59 -1.65 -0.04	13.44 -1.09 -0.69	20.64 -1.68 -0.15	3.97 -0.10 -2.71	11.77 -0.92 -1.53	19.08 -1.48 -1.32	18.82 -1.45 -1.34	17.75 -1.16 -0.67	26.79 -0.69 0.00	25.28 -0.39 0.00	22.42 -0.33 0.00	24.48 -0.64 0.00	26.52 -0.44 0.00
HARDSCRABBLE_WT_PWR 323673	-26.79 -0.51 -1.63	-25.14 -0.29 -1.62	-27.38 -0.45 -1.69	-27.20 -0.44 -1.64	-24.97 -0.36 -1.51	0.44 -0.01 -0.96	-7.42 -0.17 -1.49	-0.96 -0.03 -0.94	5.48 0.04 -0.63	-2.82 0.00 -0.76	9.98 0.08 -0.37	22.44 0.22 -0.02	14.32 0.17 -0.31	22.44 0.20 -0.07	2.27 0.03 -0.88	11.98 0.24 -0.58	20.27 0.44 -0.60	19.87 0.35 -0.61	18.77 0.23 -0.30	27.74 0.26 0.00	25.90 0.23 0.00	23.03 0.27 0.00	25.26 0.14 0.00	27.00 0.04 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.53 -1.52 -49.96	21.84 -1.46 -49.79	21.63 -1.51 -51.76	20.41 -1.49 -50.30	18.75 -1.40 -46.27	28.69 -0.03 -29.23	37.39 -0.48 -46.61	31.83 -0.11 -33.80	24.47 0.27 -19.39	19.61 -0.20 -23.40	21.51 0.58 -11.39	24.09 1.30 -0.59	24.18 0.86 -9.48	25.57 1.37 -2.03	28.33 0.08 -26.88	29.60 0.68 -17.76	38.66 1.20 -18.22	38.70 1.23 -18.54	28.62 1.18 -9.21	29.13 1.65 0.00	27.12 1.45 0.00	23.95 1.19 0.00	26.50 1.38 0.00	28.38 1.43 0.00
HARSNRAD_115KV_TB1 81005	-14.11 0.01 -13.79	-10.61 -0.15 -16.01	-11.35 -0.23 -17.49	-3.34 -0.31 -25.37	63.01 -0.27 -89.40	7.64 -0.02 -8.16	4.29 0.15 -12.88	7.59 0.06 -9.40	10.02 -0.14 -5.35	2.96 0.07 -6.46	12.39 -0.28 -3.13	21.83 -0.53 -0.16	15.84 -0.58 -2.58	22.00 -0.71 -0.55	8.59 -0.05 -7.27	15.60 -0.36 -4.80	23.55 -0.61 -4.93	23.10 -0.84 -5.01	19.78 -0.94 -2.49	26.11 -1.38 0.00	24.51 -1.16 0.00	21.63 -1.12 0.00	24.07 -1.05 0.00	26.25 -0.70 0.00
HARZA MOOSE__RIVER 24016	-23.31 0.71 -3.89	-21.67 0.85 -3.96	-23.78 0.72 -4.12	-23.80 0.59 -4.01	-21.55 0.89 -3.69	1.90 0.08 -2.33	-4.93 0.08 -3.74	1.01 0.04 -2.84	6.23 -0.11 -1.54	-1.63 0.09 -1.86	10.14 -0.30 -0.91	21.64 -0.61 -0.05	14.26 -0.33 -0.76	21.77 -0.57 -0.16	3.68 -0.03 -2.35	12.36 -0.29 -1.48	20.25 -0.43 -1.45	20.04 -0.36 -1.48	18.88 -0.09 -0.73	27.76 0.28 0.00	25.74 0.08 0.00	22.87 0.12 0.00	25.13 0.01 0.00	27.04 0.08 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	-17.53 0.09 -10.29	-16.13 0.09 -10.27	-17.85 0.09 -10.67	-17.96 0.07 -10.37	-16.52 0.07 -9.54	5.53 0.00 -6.03	0.91 0.01 -9.64	5.26 0.00 -7.12	8.79 -0.01 -4.00	1.26 0.01 -4.82	11.83 -0.05 -2.35	22.23 -0.09 -0.12	15.73 -0.07 -1.96	22.49 -0.10 -0.42	6.91 0.00 -5.55	14.80 -0.03 -3.66	22.93 -0.06 -3.76	22.67 -0.07 -3.82	20.02 -0.11 -1.90	27.24 -0.25 0.00	25.40 -0.27 0.00	22.55 -0.21 0.00	24.91 -0.21 0.00	26.78 -0.18 0.00
HELLGATE_13_KV_LD 55870	23.13 -1.61 -52.66	24.43 -1.56 -52.47	24.32 -1.62 -54.55	23.02 -1.59 -53.01	21.13 -1.52 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.64 -0.12 -35.63	25.55 0.31 -20.44	20.84 -0.24 -24.66	22.22 0.68 -12.00	24.39 1.56 -0.63	24.87 1.03 -9.99	25.92 1.61 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.79 1.36 -19.20	39.83 1.37 -19.54	29.28 1.34 -9.71	29.36 1.87 0.00	27.32 1.65 0.00	24.10 1.35 0.00	26.60 1.48 0.00	28.48 1.52 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.13 -1.61 -52.66	24.43 -1.56 -52.47	24.32 -1.62 -54.55	23.02 -1.59 -53.01	21.13 -1.52 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.64 -0.12 -35.63	25.55 0.31 -20.44	20.84 -0.24 -24.66	22.22 0.68 -12.00	24.39 1.56 -0.63	24.87 1.03 -9.99	25.92 1.61 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.79 1.36 -19.20	39.83 1.37 -19.54	29.28 1.34 -9.71	29.36 1.87 0.00	27.32 1.65 0.00	24.10 1.35 0.00	26.60 1.48 0.00	28.48 1.52 0.00
HEMPSTEAD____ 23647	23.00 -1.74 -52.65	24.33 -1.66 -52.46	24.19 -1.74 -54.54	22.92 -1.69 -53.00	21.10 -1.53 -48.77	30.27 -0.03 -30.80	39.83 -0.54 -49.11	33.63 -0.12 -35.62	25.57 0.33 -20.44	20.83 -0.25 -24.66	22.26 0.73 -12.00	24.45 1.63 -0.63	24.90 1.06 -9.99	26.01 1.70 -2.14	29.80 0.10 -28.33	30.74 0.86 -18.72	39.87 1.44 -19.20	39.89 1.43 -19.54	29.37 1.43 -9.71	29.50 2.01 0.00	27.47 1.80 0.00	24.22 1.47 0.00	26.73 1.62 0.00	28.59 1.63 0.00
HEWLETT__69_KV_BK3 55828	22.75 -1.98 -52.65	24.10 -1.89 -52.46	23.94 -1.99 -54.54	22.66 -1.95 -53.00	20.87 -1.77 -48.77	30.26 -0.04 -30.80	39.76 -0.61 -49.11	33.62 -0.13 -35.62	25.60 0.36 -20.44	20.81 -0.26 -24.66	22.32 0.78 -12.00	24.58 1.76 -0.63	24.98 1.15 -9.99	26.16 1.85 -2.14	29.81 0.11 -28.33	30.81 0.93 -18.72	40.02 1.59 -19.20	40.03 1.58 -19.54	29.52 1.57 -9.71	29.72 2.23 0.00	27.67 2.01 0.00	24.39 1.64 0.00	26.93 1.81 0.00	28.81 1.85 0.00
HICKLING____1 23621	-8.95 -0.19 -19.15	-6.51 -0.06 -20.03	-7.63 -0.19 -21.17	-4.62 -0.26 -24.04	23.12 -0.24 -49.48	10.74 0.00 -11.24	9.06 -0.08 -17.88	11.17 0.01 -13.03	12.29 0.05 -7.44	5.40 0.01 -8.97	13.95 0.05 -4.36	22.60 0.18 -0.23	17.56 0.09 -3.63	23.16 0.21 -0.78	11.68 0.02 -10.29	18.10 0.14 -6.80	26.55 0.34 -6.97	26.29 0.27 -7.09	21.93 0.17 -3.52	27.75 0.26 0.00	25.71 0.04 0.00	22.80 0.05 0.00	25.39 0.27 0.00	27.43 0.47 0.00
HICKLING____2 23622	-8.95 -0.19 -19.15	-6.51 -0.06 -20.03	-7.63 -0.19 -21.17	-4.62 -0.26 -24.04	23.12 -0.24 -49.48	10.74 0.00 -11.24	9.06 -0.08 -17.88	11.17 0.01 -13.03	12.29 0.05 -7.44	5.40 0.01 -8.97	13.95 0.05 -4.36	22.60 0.18 -0.23	17.56 0.09 -3.63	23.16 0.21 -0.78	11.68 0.02 -10.29	18.10 0.14 -6.80	26.55 0.34 -6.97	26.29 0.27 -7.09	21.93 0.17 -3.52	27.75 0.26 0.00	25.71 0.04 0.00	22.80 0.05 0.00	25.39 0.27 0.00	27.43 0.47 0.00
HIGH FALLS____HY 23754	23.73 -1.61 -53.26	25.05 -1.55 -53.08	24.97 -1.60 -55.18	23.63 -1.59 -53.62	21.73 -1.48 -49.33	30.63 -0.03 -31.16	40.43 -0.52 -49.69	34.04 -0.12 -36.03	25.77 0.30 -20.67	21.16 -0.20 -24.94	22.24 0.57 -12.14	24.04 1.21 -0.63	24.66 0.71 -10.11	25.49 1.16 -2.16	30.02 0.07 -28.59	30.68 0.59 -18.93	39.71 1.05 -19.42	39.78 1.10 -19.76	29.11 1.06 -9.82	29.01 1.52 0.00	27.17 1.50 0.00	23.99 1.23 0.00	26.55 1.43 0.00	28.43 1.47 0.00
HILLBURN____GT 23639	21.09 -1.53 -50.54	22.40 -1.49 -50.36	22.20 -1.54 -52.36	20.97 -1.51 -50.88	19.27 -1.42 -46.81	29.03 -0.03 -29.56	37.92 -0.48 -47.14	32.22 -0.11 -34.19	24.69 0.27 -19.61	19.88 -0.21 -23.67	21.64 0.58 -11.52	24.11 1.31 -0.60	24.30 0.87 -9.59	25.61 1.39 -2.05	28.63 0.08 -27.19	29.80 0.68 -17.96	38.86 1.20 -18.43	38.91 1.23 -18.75	28.73 1.18 -9.32	29.12 1.63 0.00	27.10 1.44 0.00	23.92 1.17 0.00	26.46 1.34 0.00	28.35 1.39 0.00
HILLSIDE_115KV_TB1 80332	-8.14 -0.05 -19.82	-5.72 0.11 -20.65	-6.82 0.00 -21.80	-3.99 -0.07 -24.47	22.32 -0.05 -48.50	11.13 0.00 -11.63	9.75 -0.01 -18.51	11.63 0.02 -13.48	12.52 0.03 -7.69	5.75 0.04 -9.29	14.04 -0.01 -4.52	22.46 0.03 -0.23	17.63 0.03 -3.76	23.05 0.08 -0.80	12.03 0.02 -10.65	18.25 0.05 -7.04	26.62 0.16 -7.21	26.32 0.05 -7.34	21.86 -0.02 -3.65	27.51 0.03 0.00	25.45 -0.21 0.00	22.60 -0.16 0.00	25.16 0.05 0.00	27.18 0.22 0.00
HISHELDN_WT_PWR 323625	-12.22 0.58 -15.12	-8.77 0.47 -17.24	-9.46 0.42 -18.73	-1.87 0.30 -26.22	61.49 0.18 -87.44	8.42 -0.01 -8.93	5.60 0.22 -14.11	8.50 0.07 -10.29	10.50 -0.17 -5.87	3.62 0.12 -7.08	12.64 -0.34 -3.45	21.69 -0.69 -0.18	16.07 -0.63 -2.86	22.01 -0.77 -0.61	9.40 -0.04 -8.07	16.19 -0.30 -5.33	24.31 -0.40 -5.47	23.98 -0.51 -5.57	20.38 -0.62 -2.77	26.50 -0.99 0.00	24.80 -0.86 0.00	21.96 -0.79 0.00	24.51 -0.61 0.00	26.64 -0.31 0.00
HOLTSVILLE_IC_1 23690	22.74 -1.99 -52.65	24.07 -1.92 -52.46	23.89 -2.03 -54.54	22.62 -1.99 -53.00	20.86 -1.78 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.62 0.38 -20.44	20.80 -0.28 -24.66	22.36 0.82 -12.00	24.63 1.81 -0.63	25.00 1.17 -9.99	26.18 1.87 -2.14	29.81 0.12 -28.33	30.84 0.96 -18.72	39.96 1.53 -19.20	39.97 1.52 -19.54	29.47 1.53 -9.71	29.61 2.13 0.00	27.70 2.03 0.00	25.46 1.71 -0.99	26.98 1.86 0.00	28.85 1.89 0.00

HOLTSVILLE_IC_10 23699	22.60 -2.13 -52.65	23.96 -2.03 -52.46	23.76 -2.16 -54.54	22.49 -2.11 -53.00	20.73 -1.91 -48.77	30.26 -0.04 -30.80	39.73 -0.64 -49.11	33.61 -0.14 -35.62	25.65 0.40 -20.44	20.79 -0.30 -24.66	22.40 0.87 -12.00	24.73 1.91 -0.63	25.07 1.24 -9.99	26.29 1.98 -2.14	29.82 0.12 -28.33	30.90 1.02 -18.72	40.06 1.62 -19.20	40.08 1.62 -19.54	29.58 1.64 -9.71	29.76 2.27 0.00	27.84 2.18 0.00	25.55 1.84 -0.95	27.12 2.00 0.00	28.98 2.02 0.00
HOLTSVILLE_IC_2 23691	22.74 -1.99 -52.65	24.07 -1.92 -52.46	23.89 -2.03 -54.54	22.62 -1.99 -53.00	20.86 -1.78 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.62 0.38 -20.44	20.80 -0.28 -24.66	22.36 0.82 -12.00	24.63 1.81 -0.63	25.00 1.17 -9.99	26.18 1.87 -2.14	29.81 0.12 -28.33	30.84 0.96 -18.72	39.96 1.53 -19.20	39.97 1.52 -19.54	29.47 1.53 -9.71	29.61 2.13 0.00	27.70 2.03 0.00	25.46 1.71 -0.99	26.98 1.86 0.00	28.85 1.89 0.00
HOLTSVILLE_IC_3 23692	22.74 -1.99 -52.65	24.07 -1.92 -52.46	23.89 -2.03 -54.54	22.62 -1.99 -53.00	20.86 -1.78 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.62 0.38 -20.44	20.80 -0.28 -24.66	22.36 0.82 -12.00	24.63 1.81 -0.63	25.00 1.17 -9.99	26.18 1.87 -2.14	29.81 0.12 -28.33	30.84 0.96 -18.72	39.96 1.53 -19.20	39.97 1.52 -19.54	29.47 1.53 -9.71	29.61 2.13 0.00	27.70 2.03 0.00	25.46 1.71 -0.99	26.98 1.86 0.00	28.85 1.89 0.00
HOLTSVILLE_IC_4 23693	22.74 -1.99 -52.65	24.07 -1.92 -52.46	23.89 -2.03 -54.54	22.62 -1.99 -53.00	20.86 -1.78 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.62 0.38 -20.44	20.80 -0.28 -24.66	22.36 0.82 -12.00	24.63 1.81 -0.63	25.00 1.17 -9.99	26.18 1.87 -2.14	29.81 0.12 -28.33	30.84 0.96 -18.72	39.96 1.53 -19.20	39.97 1.52 -19.54	29.47 1.53 -9.71	29.61 2.13 0.00	27.70 2.03 0.00	25.46 1.71 -0.99	26.98 1.86 0.00	28.85 1.89 0.00
HOLTSVILLE_IC_5 23694	22.74 -1.99 -52.65	24.07 -1.92 -52.46	23.89 -2.03 -54.54	22.62 -1.99 -53.00	20.86 -1.78 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.62 0.38 -20.44	20.80 -0.28 -24.66	22.36 0.82 -12.00	24.63 1.81 -0.63	25.00 1.17 -9.99	26.18 1.87 -2.14	29.81 0.12 -28.33	30.84 0.96 -18.72	39.96 1.53 -19.20	39.97 1.52 -19.54	29.47 1.53 -9.71	29.61 2.13 0.00	27.70 2.03 0.00	25.46 1.71 -0.99	26.98 1.86 0.00	28.85 1.89 0.00
HOLTSVILLE_IC_6 23695	22.60 -2.13 -52.65	23.96 -2.03 -52.46	23.76 -2.16 -54.54	22.49 -2.11 -53.00	20.73 -1.91 -48.77	30.26 -0.04 -30.80	39.73 -0.64 -49.11	33.61 -0.14 -35.62	25.65 0.40 -20.44	20.79 -0.30 -24.66	22.40 0.87 -12.00	24.73 1.91 -0.63	25.07 1.24 -9.99	26.29 1.98 -2.14	29.82 0.12 -28.33	30.90 1.02 -18.72	40.06 1.62 -19.20	40.08 1.62 -19.54	29.58 1.64 -9.71	29.76 2.27 0.00	27.84 2.18 0.00	25.55 1.84 -0.95	27.12 2.00 0.00	28.98 2.02 0.00
HOLTSVILLE_IC_7 23696	22.60 -2.13 -52.65	23.96 -2.03 -52.46	23.76 -2.16 -54.54	22.49 -2.11 -53.00	20.73 -1.91 -48.77	30.26 -0.04 -30.80	39.73 -0.64 -49.11	33.61 -0.14 -35.62	25.65 0.40 -20.44	20.79 -0.30 -24.66	22.40 0.87 -12.00	24.73 1.91 -0.63	25.07 1.24 -9.99	26.29 1.98 -2.14	29.82 0.12 -28.33	30.90 1.02 -18.72	40.06 1.62 -19.20	40.08 1.62 -19.54	29.58 1.64 -9.71	29.76 2.27 0.00	27.84 2.18 0.00	25.55 1.84 -0.95	27.12 2.00 0.00	28.98 2.02 0.00
HOLTSVILLE_IC_8 23697	22.60 -2.13 -52.65	23.96 -2.03 -52.46	23.76 -2.16 -54.54	22.49 -2.11 -53.00	20.73 -1.91 -48.77	30.26 -0.04 -30.80	39.73 -0.64 -49.11	33.61 -0.14 -35.62	25.65 0.40 -20.44	20.79 -0.30 -24.66	22.40 0.87 -12.00	24.73 1.91 -0.63	25.07 1.24 -9.99	26.29 1.98 -2.14	29.82 0.12 -28.33	30.90 1.02 -18.72	40.06 1.62 -19.20	40.08 1.62 -19.54	29.58 1.64 -9.71	29.76 2.27 0.00	27.84 2.18 0.00	25.55 1.84 -0.95	27.12 2.00 0.00	28.98 2.02 0.00
HOLTSVILLE_IC_9 23698	22.60 -2.13 -52.65	23.96 -2.03 -52.46	23.76 -2.16 -54.54	22.49 -2.11 -53.00	20.73 -1.91 -48.77	30.26 -0.04 -30.80	39.73 -0.64 -49.11	33.61 -0.14 -35.62	25.65 0.40 -20.44	20.79 -0.30 -24.66	22.40 0.87 -12.00	24.73 1.91 -0.63	25.07 1.24 -9.99	26.29 1.98 -2.14	29.82 0.12 -28.33	30.90 1.02 -18.72	40.06 1.62 -19.20	40.08 1.62 -19.54	29.58 1.64 -9.71	29.76 2.27 0.00	27.84 2.18 0.00	25.55 1.84 -0.95	27.12 2.00 0.00	28.98 2.02 0.00
HOMER_HL_115KV_TB2 355744	-13.78 -0.96 -15.09	-10.18 -0.97 -17.28	-10.99 -1.17 -18.79	-3.22 -1.34 -26.52	62.03 -1.39 -89.55	8.38 -0.03 -8.92	5.11 -0.24 -14.09	8.38 -0.03 -10.27	10.74 0.08 -5.86	3.43 -0.06 -7.07	13.13 0.17 -3.43	23.03 0.65 -0.18	17.04 0.36 -2.84	23.58 0.80 -0.61	9.45 0.04 -8.05	16.78 0.31 -5.32	25.23 0.54 -5.46	24.82 0.34 -5.55	21.18 0.18 -2.76	27.98 0.49 0.00	26.06 0.39 0.00	23.08 0.32 0.00	25.74 0.62 0.00	27.99 1.03 0.00
HOWARD_WT_PWR 323690	-9.63 1.53 -16.75	-7.01 1.46 -18.01	-8.09 1.31 -19.21	-3.76 1.14 -23.50	34.88 1.19 -59.81	9.36 0.01 -9.85	7.33 0.42 -15.64	9.66 0.12 -11.40	11.03 -0.28 -6.50	4.46 0.19 -7.85	12.89 -0.46 -3.82	21.32 -1.08 -0.20	16.22 -0.80 -3.17	21.91 -0.94 -0.68	10.31 -0.05 -8.99	16.71 -0.40 -5.94	24.91 -0.43 -6.10	24.90 -0.22 -6.20	21.02 -0.30 -3.08	27.01 -0.48 0.00	25.02 -0.64 0.00	22.20 -0.56 0.00	24.89 -0.23 0.00	26.97 0.02 0.00
HQ_GEN_CEDARS 23644	-24.03 2.20 -1.69	-22.31 1.97 -2.20	-24.20 2.14 -2.29	-23.67 2.50 -2.22	-21.78 2.30 -2.05	0.84 0.04 -1.29	-5.96 0.73 -2.06	-0.24 0.14 -1.48	5.34 -0.33 -0.86	-2.29 0.26 -1.03	9.29 -0.75 -0.50	20.47 -1.75 -0.03	12.96 -1.30 -0.42	20.40 -1.86 -0.09	2.44 -0.12 -1.19	10.87 -1.08 -0.79	18.31 -1.74 -0.81	17.87 -1.87 -0.82	16.87 -1.77 -0.41	26.30 -1.19 0.00	25.45 -0.21 0.00	22.49 -0.27 0.00	24.48 -0.65 0.00	26.61 -0.35 0.00
HQ_GEN_CEDARS_PROXY 323590	-24.48 2.20 -1.24	-22.32 1.96 -2.20	-24.22 2.11 -2.29	-23.66 2.52 -2.22	-21.59 2.49 -2.05	0.84 0.04 -1.29	-5.96 0.73 -2.06	-0.24 0.14 -1.48	5.34 -0.33 -0.86	-2.29 0.26 -1.03	9.29 -0.75 -0.50	20.48 -1.75 -0.03	12.96 -1.30 -0.42	20.52 -1.87 -0.21	2.44 -0.11 -1.19	10.87 -1.08 -0.79	18.31 -1.74 -0.81	17.86 -1.87 -0.82	16.87 -1.77 -0.41	26.30 -1.19 0.00	25.53 -0.21 -0.08	21.99 -0.27 0.50	24.48 -0.65 0.00	27.31 -0.35 -0.70
HQ_GEN_IMPORT 323601	-27.95 0.00 0.04	-26.48 0.00 0.00	-28.62 0.00 0.00	-28.40 0.00 0.00	-26.12 0.00 0.00	-0.50 0.00 0.00	-8.74 0.00 0.00	-1.87 0.00 0.00	4.81 0.00 0.00	-2.78 0.00 -0.80	9.54 0.00 0.00	22.20 0.00 0.00	13.84 0.00 0.00	22.17 0.00 0.00	1.37 0.00 0.00	11.16 0.00 0.00	19.24 0.00 0.00	19.22 0.00 -0.30	18.23 0.00 0.00	27.49 0.00 0.00	26.59 0.00 -0.93	22.26 0.00 0.50	25.12 0.00 0.00	26.96 0.00 0.00
HQ_GEN_WHEEL 23651	-27.95 0.00 0.04	-26.48 0.00 0.00	-28.62 0.00 0.00	-28.40 0.00 0.00	-26.12 0.00 0.00	-0.50 0.00 0.00	-8.74 0.00 0.00	-1.87 0.00 0.00	4.81 0.00 0.00	-2.78 0.00 -0.80	9.54 0.00 0.00	22.20 0.00 0.00	13.84 0.00 0.00	22.17 0.00 0.00	1.37 0.00 0.00	11.16 0.00 0.00	19.24 0.00 0.00	19.22 0.00 -0.30	18.23 0.00 0.00	27.49 0.00 0.00	26.59 0.00 -0.93	22.26 0.00 0.50	25.12 0.00 0.00	26.96 0.00 0.00

HUDSON AVE_GT_3 23810	23.09 -1.65 -52.65	24.40 -1.59 -52.47	24.29 -1.65 -54.55	22.99 -1.62 -53.01	21.11 -1.54 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.12	33.64 -0.12 -35.62	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.24 0.70 -12.00	24.40 1.58 -0.63	24.88 1.05 -9.99	25.96 1.65 -2.14	29.79 0.09 -28.33	30.68 0.80 -18.72	39.82 1.38 -19.20	39.86 1.40 -19.54	29.31 1.37 -9.71	29.40 1.91 0.00	27.35 1.69 0.00	24.14 1.38 0.00	26.64 1.52 0.00	28.50 1.54 0.00
HUDSON AVE_GT_4 23540	23.09 -1.65 -52.65	24.40 -1.59 -52.47	24.29 -1.65 -54.55	22.99 -1.62 -53.01	21.11 -1.54 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.12	33.64 -0.12 -35.62	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.24 0.70 -12.00	24.40 1.58 -0.63	24.88 1.05 -9.99	25.96 1.65 -2.14	29.79 0.09 -28.33	30.68 0.80 -18.72	39.82 1.38 -19.20	39.86 1.40 -19.54	29.31 1.37 -9.71	29.40 1.91 0.00	27.35 1.69 0.00	24.14 1.38 0.00	26.64 1.52 0.00	28.50 1.54 0.00
HUDSON AVE_GT_5 23657	23.09 -1.65 -52.65	24.40 -1.59 -52.47	24.29 -1.65 -54.55	22.99 -1.62 -53.01	21.11 -1.54 -48.77	30.27 -0.03 -30.80	39.85 -0.52 -49.12	33.64 -0.12 -35.62	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.24 0.70 -12.00	24.40 1.58 -0.63	24.88 1.05 -9.99	25.96 1.65 -2.14	29.79 0.09 -28.33	30.68 0.80 -18.72	39.82 1.38 -19.20	39.86 1.40 -19.54	29.31 1.37 -9.71	29.40 1.91 0.00	27.35 1.69 0.00	24.14 1.38 0.00	26.64 1.52 0.00	28.50 1.54 0.00
HUDSON_AVE_10 24168	23.18 -1.56 -52.65	24.48 -1.51 -52.47	24.37 -1.56 -54.55	23.07 -1.55 -53.01	21.17 -1.47 -48.77	30.27 -0.03 -30.80	39.88 -0.50 -49.12	33.64 -0.11 -35.62	25.54 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.33 1.51 -0.63	24.84 1.01 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.64 0.76 -18.72	39.75 1.32 -19.20	39.79 1.33 -19.54	29.25 1.30 -9.71	29.31 1.82 0.00	27.27 1.61 0.00	24.07 1.31 0.00	26.57 1.45 0.00	28.41 1.45 0.00
HUDSON___115KV_TB 4 355613	32.71 -1.38 -62.00	34.04 -1.27 -61.79	34.23 -1.40 -64.24	32.62 -1.40 -62.42	29.98 -1.33 -57.43	35.75 -0.02 -36.27	48.63 -0.46 -57.84	39.94 -0.10 -41.91	29.11 0.25 -24.05	25.27 -0.17 -29.02	24.06 0.40 -14.12	23.88 0.94 -0.74	26.18 0.58 -11.75	25.73 1.04 -2.51	34.36 0.07 -32.92	33.78 0.59 -22.02	42.95 1.13 -22.59	43.03 1.13 -22.99	30.71 1.06 -11.42	29.01 1.52 0.00	27.05 1.39 0.00	23.93 1.17 0.00	26.29 1.18 0.00	28.06 1.10 0.00
HUNTER MOUNT___DRP 323613	31.15 -1.53 -60.60	32.50 -1.41 -60.39	32.61 -1.56 -62.79	31.05 -1.56 -61.01	28.52 -1.49 -56.13	34.93 -0.02 -35.45	47.26 -0.52 -56.53	38.98 -0.11 -40.97	28.60 0.29 -23.50	24.60 -0.19 -28.37	23.78 0.44 -13.81	23.95 1.03 -0.72	25.96 0.63 -11.49	25.75 1.12 -2.46	33.70 0.07 -32.26	33.34 0.65 -21.53	42.58 1.26 -22.08	42.65 1.26 -22.47	30.57 1.18 -11.16	29.19 1.70 0.00	27.21 1.54 0.00	24.06 1.30 0.00	26.41 1.29 0.00	28.15 1.20 0.00
HUNTINGTON_RES_REC 323705	22.88 -1.85 -52.65	24.21 -1.77 -52.46	24.06 -1.87 -54.54	22.79 -1.81 -53.00	21.03 -1.61 -48.77	30.27 -0.03 -30.80	39.83 -0.54 -49.11	33.63 -0.12 -35.62	25.59 0.35 -20.44	20.82 -0.26 -24.66	22.32 0.78 -12.00	24.54 1.72 -0.63	24.96 1.13 -9.99	26.11 1.80 -2.14	29.80 0.11 -28.33	30.78 0.91 -18.72	39.89 1.46 -19.20	39.89 1.43 -19.54	29.40 1.46 -9.71	29.50 2.01 0.00	27.55 1.88 0.00	23.92 1.57 0.41	26.84 1.73 0.00	28.70 1.75 0.00
HUNTLEY___63 23557	-14.12 -0.16 -13.96	-10.46 -0.30 -16.32	-11.15 -0.40 -17.86	-2.62 -0.49 -26.26	67.86 -0.42 -94.40	7.73 -0.02 -8.26	4.36 0.07 -13.03	7.70 0.06 -9.51	10.13 -0.09 -5.42	3.01 0.06 -6.54	12.46 -0.25 -3.17	21.91 -0.45 -0.16	15.98 -0.48 -2.61	22.21 -0.52 -0.56	8.73 -0.04 -7.40	15.78 -0.27 -4.89	23.82 -0.43 -5.02	23.35 -0.67 -5.11	19.99 -0.78 -2.54	26.37 -1.12 0.00	24.73 -0.94 0.00	21.82 -0.94 0.00	24.27 -0.85 0.00	26.48 -0.47 0.00
HUNTLEY___64 23558	-14.12 -0.16 -13.96	-10.46 -0.30 -16.32	-11.15 -0.40 -17.86	-2.62 -0.49 -26.26	67.86 -0.42 -94.40	7.73 -0.02 -8.26	4.36 0.07 -13.03	7.70 0.06 -9.51	10.13 -0.09 -5.42	3.01 0.06 -6.54	12.46 -0.25 -3.17	21.91 -0.45 -0.16	15.98 -0.48 -2.61	22.21 -0.52 -0.56	8.73 -0.04 -7.40	15.78 -0.27 -4.89	23.82 -0.43 -5.02	23.35 -0.67 -5.11	19.99 -0.78 -2.54	26.37 -1.12 0.00	24.73 -0.94 0.00	21.82 -0.94 0.00	24.27 -0.85 0.00	26.48 -0.47 0.00
HUNTLEY___65 23559	-14.12 -0.16 -13.96	-10.46 -0.30 -16.32	-11.15 -0.40 -17.86	-2.62 -0.49 -26.26	67.86 -0.42 -94.40	7.73 -0.02 -8.26	4.36 0.07 -13.03	7.70 0.06 -9.51	10.13 -0.09 -5.42	3.01 0.06 -6.54	12.46 -0.25 -3.17	21.91 -0.45 -0.16	15.98 -0.48 -2.61	22.21 -0.52 -0.56	8.73 -0.04 -7.40	15.78 -0.27 -4.89	23.82 -0.43 -5.02	23.35 -0.67 -5.11	19.99 -0.78 -2.54	26.37 -1.12 0.00	24.73 -0.94 0.00	21.82 -0.94 0.00	24.27 -0.85 0.00	26.48 -0.47 0.00
HUNTLEY___66 23560	-14.12 -0.16 -13.96	-10.46 -0.30 -16.32	-11.15 -0.40 -17.86	-2.62 -0.49 -26.26	67.86 -0.42 -94.40	7.73 -0.02 -8.26	4.36 0.07 -13.03	7.70 0.06 -9.51	10.13 -0.09 -5.42	3.01 0.06 -6.54	12.46 -0.25 -3.17	21.91 -0.45 -0.16	15.98 -0.48 -2.61	22.21 -0.52 -0.56	8.73 -0.04 -7.40	15.78 -0.27 -4.89	23.82 -0.43 -5.02	23.35 -0.67 -5.11	19.99 -0.78 -2.54	26.37 -1.12 0.00	24.73 -0.94 0.00	21.82 -0.94 0.00	24.27 -0.85 0.00	26.48 -0.47 0.00
HUNTLEY___67 23561	-13.68 0.18 -14.05	-9.91 0.03 -16.54	-10.53 -0.05 -18.14	-1.54 -0.13 -26.99	72.50 -0.12 -98.74	7.80 -0.02 -8.32	4.52 0.14 -13.12	7.76 0.06 -9.57	10.11 -0.14 -5.45	3.08 0.08 -6.58	12.40 -0.33 -3.20	21.74 -0.63 -0.17	15.94 -0.55 -2.64	22.09 -0.64 -0.56	8.81 -0.04 -7.49	15.79 -0.32 -4.95	23.78 -0.53 -5.08	23.33 -0.75 -5.17	19.93 -0.87 -2.57	26.23 -1.26 0.00	24.60 -1.06 0.00	21.73 -1.02 0.00	24.18 -0.93 0.00	26.37 -0.59 0.00
HUNTLEY___68 23562	-13.68 0.18 -14.05	-9.91 0.03 -16.54	-10.53 -0.05 -18.14	-1.54 -0.13 -26.99	72.50 -0.12 -98.74	7.80 -0.02 -8.32	4.52 0.14 -13.12	7.76 0.06 -9.57	10.11 -0.14 -5.45	3.08 0.08 -6.58	12.40 -0.33 -3.20	21.74 -0.63 -0.17	15.94 -0.55 -2.64	22.09 -0.64 -0.56	8.81 -0.04 -7.49	15.79 -0.32 -4.95	23.78 -0.53 -5.08	23.33 -0.75 -5.17	19.93 -0.87 -2.57	26.23 -1.26 0.00	24.60 -1.06 0.00	21.73 -1.02 0.00	24.18 -0.93 0.00	26.37 -0.59 0.00
HYLAND___LFGE 323620	-13.69 -0.60 -14.83	-9.69 -0.58 -17.37	-10.28 -0.69 -19.03	-1.13 -0.79 -28.06	74.48 -0.76 -101.36	8.25 -0.02 -8.78	4.87 -0.23 -13.85	8.19 -0.04 -10.10	10.57 0.01 -5.76	3.30 -0.07 -6.95	13.05 0.13 -3.38	22.76 0.39 -0.18	16.79 0.13 -2.82	23.16 0.39 -0.60	9.37 0.03 -7.98	16.74 0.31 -5.41	25.30 0.66 -5.50	25.09 0.66 -5.50	21.52 0.56 -2.73	28.25 0.77 0.00	26.35 0.69 0.00	23.28 0.53 0.00	25.80 0.68 0.00	27.91 0.95 0.00
INDECK___CORINTH 23802	36.07 -1.76 -65.75	37.39 -1.65 -65.52	37.73 -1.77 -68.12	36.06 -1.74 -66.19	33.06 -1.72 -60.90	37.93 -0.03 -38.46	51.95 -0.65 -61.34	42.53 -0.15 -44.54	30.71 0.36 -25.56	27.01 -0.25 -30.84	25.21 0.67 -15.01	24.48 1.51 -0.78	27.32 0.98 -12.49	26.42 1.58 -2.67	37.24 0.09 -35.78	35.26 0.69 -23.41	44.42 1.18 -24.01	44.52 1.17 -24.43	31.41 1.04 -12.14	29.08 1.59 0.00	27.09 1.43 0.00	23.95 1.19 0.00	26.60 1.48 0.00	28.41 1.46 0.00

INDECK___ILION 23567	-26.52 -0.23 -1.63	-24.98 -0.13 -1.62	-27.13 -0.20 -1.69	-26.94 -0.18 -1.64	-24.77 -0.16 -1.51	0.45 0.00 -0.96	-7.34 -0.09 -1.49	-0.95 -0.02 -0.94	5.47 0.03 -0.63	-2.83 -0.01 -0.76	9.95 0.04 -0.37	22.31 0.10 -0.02	14.25 0.09 -0.31	22.38 0.14 -0.07	2.26 0.02 -0.88	11.86 0.12 -0.58	20.06 0.23 -0.60	19.74 0.21 -0.61	18.70 0.17 -0.30	27.73 0.24 0.00	25.90 0.23 0.00	22.97 0.22 0.00	25.29 0.16 0.00	27.07 0.12 0.00
INDECK___OLEAN 23982	-13.79 -0.97 -15.09	-10.18 -0.97 -17.28	-10.97 -1.15 -18.79	-3.12 -1.24 -26.52	61.99 -1.43 -89.55	8.38 -0.03 -8.92	5.11 -0.24 -14.09	8.38 -0.03 -10.27	10.74 0.08 -5.86	3.43 -0.06 -7.07	13.14 0.17 -3.43	23.01 0.64 -0.18	17.04 0.36 -2.84	23.59 0.81 -0.61	9.45 0.04 -8.05	16.79 0.31 -5.32	25.23 0.54 -5.46	24.83 0.36 -5.55	21.18 0.18 -2.76	27.98 0.49 0.00	26.06 0.39 0.00	23.08 0.32 0.00	25.73 0.62 0.00	27.99 1.03 0.00
INDECK___OSWEGO 23783	-18.19 0.52 -9.20	-16.80 0.50 -9.18	-18.53 0.54 -9.55	-18.61 0.51 -9.27	-17.12 0.47 -8.53	4.90 0.01 -5.39	0.02 0.15 -8.61	4.49 0.03 -6.32	8.29 -0.09 -3.58	0.80 0.07 -4.32	11.43 -0.20 -2.10	21.85 -0.46 -0.11	15.30 -0.29 -1.75	22.07 -0.48 -0.37	6.30 -0.03 -4.96	14.22 -0.22 -3.28	22.20 -0.40 -3.36	21.95 -0.38 -3.42	19.56 -0.37 -1.70	26.88 -0.60 0.00	25.06 -0.61 0.00	22.26 -0.49 0.00	24.58 -0.54 0.00	26.42 -0.54 0.00
INDECK___YERKES 23781	-14.17 -0.21 -13.96	-10.49 -0.33 -16.32	-11.20 -0.44 -17.86	-2.68 -0.54 -26.26	67.75 -0.54 -94.40	7.73 -0.02 -8.26	4.35 0.06 -13.03	7.70 0.06 -9.51	10.14 -0.09 -5.42	3.01 0.06 -6.54	12.46 -0.24 -3.17	21.91 -0.45 -0.16	16.00 -0.46 -2.61	22.24 -0.49 -0.56	8.73 -0.04 -7.40	15.80 -0.25 -4.89	23.85 -0.40 -5.02	23.38 -0.64 -5.11	20.01 -0.76 -2.54	26.39 -1.09 0.00	24.76 -0.91 0.00	21.85 -0.91 0.00	24.30 -0.82 0.00	26.51 -0.45 0.00
INDIAN POINT_GT_1 24139	22.87 -1.46 -52.25	24.18 -1.41 -52.07	24.05 -1.47 -54.14	22.77 -1.44 -52.60	20.92 -1.35 -48.40	30.03 -0.03 -30.57	39.54 -0.46 -48.74	33.38 -0.11 -35.35	25.35 0.27 -20.28	20.69 -0.20 -24.47	22.03 0.58 -11.91	24.12 1.30 -0.62	24.62 0.87 -9.91	25.66 1.37 -2.12	29.56 0.08 -28.11	30.40 0.67 -18.57	39.46 1.17 -19.05	39.51 1.20 -19.39	29.02 1.15 -9.63	29.08 1.60 0.00	27.08 1.41 0.00	23.91 1.15 0.00	26.42 1.30 0.00	28.29 1.33 0.00
INDIAN POINT_GT_2 23659	22.87 -1.46 -52.25	24.18 -1.41 -52.07	24.05 -1.47 -54.14	22.77 -1.44 -52.60	20.92 -1.35 -48.40	30.03 -0.03 -30.57	39.54 -0.46 -48.74	33.38 -0.11 -35.35	25.35 0.27 -20.28	20.69 -0.20 -24.47	22.03 0.58 -11.91	24.12 1.30 -0.62	24.62 0.87 -9.91	25.66 1.37 -2.12	29.56 0.08 -28.11	30.40 0.67 -18.57	39.46 1.17 -19.05	39.51 1.20 -19.39	29.02 1.15 -9.63	29.08 1.60 0.00	27.08 1.41 0.00	23.91 1.15 0.00	26.42 1.30 0.00	28.29 1.33 0.00
INDIAN POINT_GT_3 24019	22.87 -1.46 -52.25	24.18 -1.41 -52.07	24.05 -1.47 -54.14	22.77 -1.44 -52.60	20.92 -1.35 -48.40	30.03 -0.03 -30.57	39.54 -0.46 -48.74	33.38 -0.11 -35.35	25.35 0.27 -20.28	20.69 -0.20 -24.47	22.03 0.58 -11.91	24.12 1.30 -0.62	24.62 0.87 -9.91	25.66 1.37 -2.12	29.56 0.08 -28.11	30.40 0.67 -18.57	39.46 1.17 -19.05	39.51 1.20 -19.39	29.02 1.15 -9.63	29.08 1.60 0.00	27.08 1.41 0.00	23.91 1.15 0.00	26.42 1.30 0.00	28.29 1.33 0.00
INDIAN POINT___2 23530	22.25 -1.45 -51.61	23.54 -1.41 -51.43	23.40 -1.46 -53.47	22.14 -1.43 -51.96	20.34 -1.34 -47.81	29.66 -0.03 -30.19	38.95 -0.45 -48.15	32.95 -0.11 -34.92	25.10 0.26 -20.03	20.39 -0.20 -24.18	21.87 0.57 -11.76	24.09 1.27 -0.61	24.48 0.85 -9.79	25.61 1.34 -2.09	29.21 0.08 -27.77	30.16 0.65 -18.35	39.21 1.15 -18.82	39.25 1.18 -19.15	28.89 1.14 -9.51	29.06 1.57 0.00	27.05 1.39 0.00	23.89 1.13 0.00	26.40 1.29 0.00	28.28 1.32 0.00
INDIAN POINT___3 23531	22.93 -1.44 -52.28	24.24 -1.39 -52.10	24.11 -1.45 -54.17	22.83 -1.41 -52.64	20.99 -1.32 -48.43	30.06 -0.03 -30.59	39.58 -0.45 -48.78	33.41 -0.10 -35.37	25.36 0.26 -20.29	20.71 -0.20 -24.49	22.02 0.56 -11.92	24.09 1.27 -0.62	24.61 0.84 -9.92	25.64 1.34 -2.12	29.58 0.07 -28.14	30.40 0.65 -18.59	39.45 1.15 -19.07	39.49 1.17 -19.40	29.00 1.13 -9.64	29.06 1.57 0.00	27.05 1.39 0.00	23.89 1.13 0.00	26.40 1.28 0.00	28.27 1.31 0.00
INGHAM_C_115KV_TB7 356103	-26.91 -0.63 -1.63	-25.23 -0.38 -1.62	-27.48 -0.55 -1.69	-27.30 -0.54 -1.64	-25.09 -0.48 -1.51	0.44 -0.01 -0.96	-7.48 -0.23 -1.49	-0.97 -0.04 -0.94	5.53 0.09 -0.63	-2.84 -0.03 -0.76	10.02 0.11 -0.37	22.50 0.28 -0.02	14.40 0.25 -0.31	22.62 0.38 -0.07	2.28 0.04 -0.88	12.05 0.30 -0.58	20.40 0.57 -0.60	20.05 0.52 -0.61	18.93 0.40 -0.30	27.95 0.46 0.00	26.06 0.40 0.00	23.14 0.38 0.00	25.41 0.29 0.00	27.13 0.17 0.00
IP CORINTH___1 23988	36.07 -1.76 -65.75	37.39 -1.66 -65.52	37.73 -1.78 -68.12	36.06 -1.74 -66.19	33.06 -1.72 -60.90	37.93 -0.03 -38.46	51.95 -0.65 -61.34	42.53 -0.15 -44.54	30.71 0.35 -25.56	27.01 -0.25 -30.84	25.21 0.67 -15.01	24.49 1.51 -0.78	27.32 0.98 -12.49	26.42 1.58 -2.67	37.24 0.09 -35.78	35.25 0.69 -23.41	44.43 1.18 -24.01	44.52 1.16 -24.43	31.41 1.04 -12.14	29.08 1.59 0.00	27.10 1.43 0.00	23.95 1.19 0.00	26.60 1.49 0.00	28.41 1.46 0.00
IP___TICONDEROGA 23804	35.04 -2.71 -65.66	36.54 -2.41 -65.44	36.84 -2.58 -68.03	35.20 -2.51 -66.11	32.09 -2.60 -60.82	37.86 -0.05 -38.41	51.47 -1.04 -61.26	42.37 -0.24 -44.48	30.91 0.58 -25.53	26.83 -0.39 -30.80	25.59 1.06 -14.99	25.49 2.51 -0.78	27.95 1.63 -12.48	27.54 2.70 -2.67	37.31 0.16 -35.79	35.73 1.20 -23.38	45.37 2.15 -23.98	45.45 2.12 -24.40	32.18 1.83 -12.12	30.56 3.07 0.00	28.49 2.83 0.00	25.16 2.40 0.00	27.66 2.55 0.00	29.19 2.23 0.00
ISLIP_RES_REC 323679	22.49 -2.24 -52.65	23.85 -2.14 -52.46	23.64 -2.28 -54.54	22.37 -2.23 -53.00	20.62 -2.02 -48.77	30.26 -0.04 -30.80	39.68 -0.69 -49.11	33.60 -0.15 -35.62	25.67 0.43 -20.44	20.77 -0.31 -24.66	22.45 0.91 -12.00	24.83 2.01 -0.63	25.13 1.29 -9.99	26.39 2.08 -2.14	29.83 0.13 -28.33	30.96 1.08 -18.72	40.17 1.73 -19.20	40.19 1.73 -19.54	29.68 1.74 -9.71	29.91 2.42 0.00	27.97 2.31 0.00	25.55 1.95 -0.84	27.23 2.11 0.00	29.09 2.13 0.00
JAMAICA__27_KV_LOAD 355505	22.97 -1.77 -52.65	24.27 -1.72 -52.47	24.12 -1.82 -54.55	22.79 -1.82 -53.01	20.92 -1.73 -48.77	30.26 -0.04 -30.80	39.80 -0.57 -49.12	33.63 -0.13 -35.62	25.58 0.33 -20.44	20.82 -0.26 -24.66	22.28 0.75 -12.00	24.52 1.70 -0.63	24.96 1.13 -9.99	26.10 1.79 -2.14	29.80 0.10 -28.33	30.73 0.85 -18.72	39.93 1.49 -19.20	39.97 1.51 -19.54	29.41 1.47 -9.71	29.59 2.10 0.00	27.52 1.86 0.00	24.27 1.51 0.00	26.77 1.65 0.00	28.61 1.65 0.00
JANIS___SOLAR 323808	-9.28 -1.11 -19.75	-7.55 -1.06 -19.98	-8.90 -1.17 -20.89	-8.17 -1.19 -21.42	1.34 -1.09 -28.56	11.04 -0.02 -11.57	9.27 -0.42 -18.44	11.48 -0.09 -13.44	12.71 0.23 -7.67	5.55 -0.11 -9.25	14.34 0.30 -4.50	23.23 0.80 -0.23	18.12 0.53 -3.75	23.93 0.95 -0.80	12.06 0.07 -10.62	18.74 0.57 -7.02	27.51 1.08 -7.20	27.26 1.01 -7.33	22.78 0.90 -3.64	28.79 1.30 0.00	26.85 1.19 0.00	23.75 1.00 0.00	26.19 1.07 0.00	28.15 1.19 0.00

JARVIS____ 23743	-26.16 0.12 -1.63	-24.73 0.13 -1.62	-26.80 0.13 -1.69	-26.62 0.13 -1.64	-24.48 0.14 -1.51	0.46 0.00 -0.96	-7.22 0.03 -1.49	-0.92 0.01 -0.94	5.42 -0.02 -0.63	-2.81 0.01 -0.76	9.87 -0.04 -0.37	22.13 -0.09 -0.02	14.10 -0.05 -0.31	22.15 -0.09 -0.07	2.24 -0.01 -0.88	11.68 -0.05 -0.58	19.75 -0.08 -0.60	19.45 -0.08 -0.61	18.48 -0.06 -0.30	27.47 -0.02 0.00	25.68 0.01 0.00	22.78 0.02 0.00	25.12 0.00 0.00	26.95 -0.01 0.00
JENNISON____1 23625	-5.43 -1.36 -23.84	-3.65 -1.26 -24.10	-4.86 -1.42 -25.18	-4.11 -1.45 -25.73	6.24 -1.26 -33.63	13.42 -0.04 -13.96	13.08 -0.42 -22.25	14.23 -0.09 -16.18	14.30 0.24 -9.25	7.44 -0.14 -11.17	15.39 0.42 -5.43	23.49 1.01 -0.28	18.95 0.58 -4.52	24.18 1.04 -0.97	14.26 0.08 -12.82	20.21 0.58 -8.47	29.05 1.13 -8.69	28.82 1.06 -8.84	23.56 0.93 -4.39	28.90 1.41 0.00	26.91 1.25 0.00	23.78 1.02 0.00	26.24 1.12 0.00	28.18 1.22 0.00
JENNISON____2 23626	-5.43 -1.36 -23.84	-3.65 -1.26 -24.10	-4.86 -1.42 -25.18	-4.11 -1.45 -25.73	6.24 -1.26 -33.63	13.42 -0.04 -13.96	13.08 -0.42 -22.25	14.23 -0.09 -16.18	14.30 0.24 -9.25	7.44 -0.14 -11.17	15.39 0.42 -5.43	23.49 1.01 -0.28	18.95 0.58 -4.52	24.18 1.04 -0.97	14.26 0.08 -12.82	20.21 0.58 -8.47	29.05 1.13 -8.69	28.82 1.06 -8.84	23.56 0.93 -4.39	28.90 1.41 0.00	26.91 1.25 0.00	23.78 1.02 0.00	26.24 1.12 0.00	28.18 1.22 0.00
JERICHO_RISE_WT_PWR 323719	-24.09 2.29 -1.53	-22.23 2.18 -2.07	-24.19 2.28 -2.15	-23.43 2.88 -2.09	-21.33 2.88 -1.92	0.76 0.05 -1.21	-5.96 0.85 -1.93	-0.32 0.16 -1.38	5.20 -0.41 -0.80	-2.31 0.30 -0.97	9.16 -0.85 -0.47	20.17 -2.06 -0.02	12.67 -1.57 -0.39	19.96 -2.29 -0.08	-6.92 -0.14 8.14	7.50 -1.40 2.26	17.71 -2.28 -0.76	17.37 -2.32 -0.77	16.50 -2.11 -0.38	26.01 -1.48 0.00	25.39 -0.28 0.00	22.34 -0.42 0.00	24.22 -0.90 0.00	26.43 -0.53 0.00
KATONAH____115KV_46KV_TB4 355592	23.97 -1.56 -53.45	25.28 -1.50 -53.26	25.19 -1.57 -55.37	23.88 -1.53 -53.81	21.94 -1.44 -49.50	30.73 -0.03 -31.26	40.62 -0.50 -49.86	34.18 -0.12 -36.16	25.84 0.29 -20.74	21.23 -0.22 -25.03	22.35 0.63 -12.18	24.25 1.41 -0.64	24.92 0.93 -10.14	25.82 1.47 -2.17	30.21 0.09 -28.76	30.89 0.73 -19.00	39.99 1.27 -19.49	40.06 1.31 -19.84	29.35 1.26 -9.86	29.24 1.76 0.00	27.23 1.57 0.00	24.04 1.29 0.00	26.54 1.42 0.00	28.39 1.43 0.00
KCE_NY_1 323755	36.16 -1.50 -65.57	37.47 -1.39 -65.34	37.81 -1.51 -67.93	36.13 -1.48 -66.01	33.18 -1.43 -60.74	37.83 -0.02 -38.36	51.92 -0.52 -61.17	42.45 -0.12 -44.43	30.58 0.28 -25.49	26.97 -0.21 -30.76	25.08 0.57 -14.97	24.29 1.31 -0.78	27.15 0.84 -12.46	26.19 1.35 -2.67	37.24 0.08 -35.79	35.17 0.66 -23.35	44.34 1.15 -23.95	44.43 1.14 -24.37	31.39 1.05 -12.11	29.04 1.55 0.00	27.05 1.39 0.00	23.95 1.20 0.00	26.40 1.28 0.00	28.21 1.26 0.00
KCE_NY_6_ESR 323823	-13.61 -0.06 -14.37	-9.93 -0.16 -16.71	-10.61 -0.25 -18.26	-2.16 -0.35 -26.58	67.64 -0.42 -94.19	7.97 -0.02 -8.50	4.72 0.05 -13.41	7.95 0.03 -9.78	10.30 -0.08 -5.58	3.19 0.04 -6.73	12.61 -0.19 -3.27	22.05 -0.31 -0.17	16.19 -0.36 -2.70	22.43 -0.32 -0.58	8.99 -0.02 -7.65	16.08 -0.13 -5.05	24.25 -0.17 -5.18	23.81 -0.38 -5.27	20.33 -0.52 -2.62	26.75 -0.74 0.00	25.04 -0.63 0.00	22.13 -0.63 0.00	24.63 -0.49 0.00	26.82 -0.14 0.00
KEDC_PORT_JEFF_GT2 24210	22.72 -2.02 -52.65	24.03 -1.95 -52.46	23.85 -2.08 -54.54	22.58 -2.02 -53.00	20.82 -1.82 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.63 0.39 -20.44	20.80 -0.28 -24.66	22.38 0.84 -12.00	24.67 1.85 -0.63	25.03 1.20 -9.99	26.22 1.92 -2.14	29.81 0.12 -28.33	30.84 0.96 -18.72	39.90 1.47 -19.20	39.91 1.46 -19.54	29.42 1.48 -9.71	29.53 2.04 0.00	27.72 2.06 0.00	25.57 1.76 -1.06	27.04 1.92 0.00	28.90 1.94 0.00
KEDC_PORT_JEFF_GT3 24211	22.72 -2.02 -52.65	24.03 -1.95 -52.46	23.85 -2.08 -54.54	22.58 -2.02 -53.00	20.82 -1.82 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.63 0.39 -20.44	20.80 -0.28 -24.66	22.38 0.84 -12.00	24.67 1.85 -0.63	25.03 1.20 -9.99	26.22 1.92 -2.14	29.81 0.12 -28.33	30.84 0.96 -18.72	39.90 1.47 -19.20	39.91 1.46 -19.54	29.42 1.48 -9.71	29.53 2.04 0.00	27.72 2.06 0.00	25.57 1.76 -1.06	27.04 1.92 0.00	28.90 1.94 0.00
KEDC_GLWD_GT4 24219	22.86 -1.87 -52.65	24.19 -1.79 -52.46	24.06 -1.87 -54.54	22.78 -1.83 -53.00	20.97 -1.67 -48.77	30.26 -0.03 -30.80	39.79 -0.58 -49.11	33.62 -0.13 -35.62	25.59 0.35 -20.44	20.81 -0.26 -24.66	22.31 0.78 -12.00	24.56 1.74 -0.63	24.97 1.13 -9.99	26.12 1.81 -2.14	29.81 0.11 -28.33	30.79 0.91 -18.72	39.97 1.54 -19.20	39.99 1.53 -19.54	29.46 1.52 -9.71	29.62 2.14 0.00	27.59 1.93 0.00	24.33 1.57 0.00	26.85 1.73 0.00	28.71 1.76 0.00
KEDC_GLWD_GT5 24220	22.86 -1.87 -52.65	24.19 -1.79 -52.46	24.06 -1.87 -54.54	22.78 -1.83 -53.00	20.97 -1.67 -48.77	30.26 -0.03 -30.80	39.79 -0.58 -49.11	33.62 -0.13 -35.62	25.59 0.35 -20.44	20.81 -0.26 -24.66	22.31 0.78 -12.00	24.56 1.74 -0.63	24.97 1.13 -9.99	26.12 1.81 -2.14	29.81 0.11 -28.33	30.79 0.91 -18.72	39.97 1.54 -19.20	39.99 1.53 -19.54	29.46 1.52 -9.71	29.62 2.14 0.00	27.59 1.93 0.00	24.33 1.57 0.00	26.85 1.73 0.00	28.71 1.76 0.00
KENSICO____ 23655	23.18 -1.50 -52.60	24.48 -1.46 -52.41	24.36 -1.51 -54.49	23.08 -1.47 -52.95	21.20 -1.39 -48.72	30.24 -0.03 -30.77	39.85 -0.47 -49.07	33.61 -0.11 -35.58	25.50 0.28 -20.41	20.84 -0.21 -24.63	22.14 0.61 -11.99	24.19 1.37 -0.63	24.73 0.91 -9.98	25.75 1.44 -2.14	29.75 0.08 -28.30	30.56 0.71 -18.70	39.64 1.22 -19.18	39.68 1.25 -19.52	29.14 1.21 -9.70	29.17 1.68 0.00	27.16 1.49 0.00	23.98 1.22 0.00	26.48 1.36 0.00	28.35 1.39 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.11 -1.65 -50.68	22.44 -1.58 -50.50	22.25 -1.64 -52.50	21.00 -1.62 -51.02	19.30 -1.51 -46.94	29.11 -0.03 -29.65	38.00 -0.53 -47.28	32.29 -0.12 -34.28	24.78 0.31 -19.67	19.95 -0.21 -23.73	21.65 0.56 -11.55	24.01 1.21 -0.60	24.15 0.69 -9.61	25.35 1.12 -2.06	28.66 0.07 -27.23	29.75 0.58 -18.01	38.76 1.04 -18.48	38.81 1.08 -18.81	28.62 1.05 -9.34	28.98 1.49 0.00	27.19 1.52 0.00	24.01 1.25 0.00	26.55 1.43 0.00	28.43 1.47 0.00
KIAC_JFK_GT1 23816	23.07 -1.67 -52.65	24.35 -1.64 -52.47	24.21 -1.72 -54.55	22.88 -1.73 -53.01	21.00 -1.64 -48.77	30.27 -0.04 -30.80	39.84 -0.54 -49.12	33.63 -0.12 -35.62	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.25 0.71 -12.00	24.44 1.62 -0.63	24.92 1.08 -9.99	26.02 1.71 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.48 1.99 0.00	27.42 1.76 0.00	24.18 1.43 0.00	26.68 1.56 0.00	28.52 1.57 0.00
KIAC_JFK_GT2 23817	23.07 -1.67 -52.65	24.35 -1.64 -52.47	24.21 -1.72 -54.55	22.88 -1.73 -53.01	21.00 -1.64 -48.77	30.27 -0.04 -30.80	39.84 -0.54 -49.12	33.63 -0.12 -35.62	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.25 0.71 -12.00	24.44 1.62 -0.63	24.92 1.08 -9.99	26.02 1.71 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.48 1.99 0.00	27.42 1.76 0.00	24.18 1.43 0.00	26.68 1.56 0.00	28.52 1.57 0.00

KIAC_JFK____ 323774	23.06 -1.67 -52.65	24.35 -1.64 -52.47	24.22 -1.72 -54.55	22.89 -1.72 -53.01	21.00 -1.64 -48.77	30.27 -0.04 -30.80	39.84 -0.54 -49.12	33.63 -0.12 -35.62	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.25 0.71 -12.00	24.45 1.63 -0.63	24.92 1.08 -9.99	26.02 1.71 -2.14	29.79 0.10 -28.33	30.70 0.82 -18.72	39.86 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.48 1.99 0.00	27.42 1.76 0.00	24.18 1.43 0.00	26.68 1.56 0.00	28.52 1.57 0.00
KINTIGH____ 23543	-14.74 0.24 -12.93	-10.43 0.09 -15.96	-10.84 0.05 -17.73	0.16 -0.01 -28.57	89.64 0.01 -115.76	7.17 -0.01 -7.68	3.49 0.15 -12.07	7.00 0.05 -8.81	9.67 -0.15 -5.02	2.55 0.07 -6.06	12.16 -0.32 -2.94	21.76 -0.59 -0.15	15.79 -0.49 -2.44	22.10 -0.59 -0.52	8.25 -0.04 -6.92	15.42 -0.31 -4.58	23.38 -0.55 -4.69	22.95 -0.74 -4.78	19.77 -0.84 -2.37	26.25 -1.24 0.00	24.61 -1.05 0.00	21.75 -1.01 0.00	24.16 -0.96 0.00	26.27 -0.68 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-24.56 1.88 -1.47	-22.57 1.89 -2.02	-24.58 1.95 -2.10	-23.83 2.53 -2.04	-21.91 2.34 -1.87	0.72 0.04 -1.19	-6.13 0.73 -1.88	-0.39 0.14 -1.34	5.25 -0.34 -0.79	-2.38 0.25 -0.95	9.29 -0.70 -0.46	20.48 -1.74 -0.02	12.83 -1.40 -0.38	20.26 -1.99 -0.08	-6.45 -0.13 7.69	7.75 -1.29 2.12	17.89 -2.08 -0.74	17.59 -2.08 -0.75	16.75 -1.86 -0.37	26.42 -1.06 0.00	25.79 0.12 0.00	22.65 -0.11 0.00	24.53 -0.59 0.00	26.76 -0.20 0.00
LACHUTE____HYDRO 323717	35.04 -2.70 -65.66	36.54 -2.41 -65.44	36.84 -2.57 -68.03	35.21 -2.50 -66.11	32.09 -2.60 -60.82	37.86 -0.05 -38.41	51.47 -1.04 -61.26	42.38 -0.24 -44.48	30.91 0.58 -25.53	26.83 -0.39 -30.80	25.59 1.06 -14.99	25.49 2.51 -0.78	27.95 1.63 -12.48	27.54 2.70 -2.67	37.31 0.16 -35.79	35.73 1.20 -23.38	45.37 2.15 -23.98	45.45 2.12 -24.40	32.19 1.83 -12.12	30.56 3.07 0.00	28.49 2.83 0.00	25.16 2.40 0.00	27.66 2.55 0.00	29.19 2.24 0.00
LAWRNCV_115KV_TB1 80681	-23.61 2.19 -2.12	-21.89 2.01 -2.58	-23.80 2.14 -2.68	-23.32 2.48 -2.60	-21.40 2.33 -2.40	1.07 0.05 -1.51	-5.63 0.70 -2.41	0.03 0.14 -1.75	5.48 -0.33 -1.01	-2.11 0.26 -1.21	9.37 -0.75 -0.59	20.49 -1.74 -0.03	13.06 -1.27 -0.49	20.43 -1.85 -0.11	3.52 -0.11 -2.26	11.30 -1.06 -1.20	18.47 -1.71 -0.94	18.07 -1.81 -0.96	17.03 -1.68 -0.48	26.41 -1.08 0.00	25.47 -0.19 0.00	22.51 -0.25 0.00	24.48 -0.63 0.00	26.61 -0.35 0.00
LEDERLE____ 23769	21.39 -1.64 -50.94	22.70 -1.59 -50.76	22.51 -1.65 -52.78	21.26 -1.62 -51.28	19.54 -1.52 -47.18	29.27 -0.03 -29.80	38.26 -0.52 -47.52	32.48 -0.12 -34.47	24.87 0.30 -19.77	20.05 -0.22 -23.86	21.78 0.63 -11.61	24.22 1.41 -0.61	24.45 0.94 -9.67	25.74 1.50 -2.07	28.86 0.09 -27.41	30.00 0.73 -18.11	39.11 1.30 -18.58	39.15 1.33 -18.90	28.90 1.27 -9.39	29.26 1.77 0.00	27.22 1.55 0.00	24.03 1.27 0.00	26.56 1.44 0.00	28.45 1.49 0.00
LIGHTHSE_115KV_TB6 355974	-18.43 0.73 -8.75	-16.99 0.73 -8.76	-18.74 0.76 -9.11	-18.82 0.73 -8.85	-17.26 0.72 -8.14	4.67 0.03 -5.14	-0.34 0.19 -8.22	4.22 0.04 -6.05	8.09 -0.12 -3.41	0.62 0.09 -4.12	11.29 -0.25 -2.01	21.75 -0.55 -0.10	15.18 -0.33 -1.67	21.98 -0.55 -0.36	6.07 -0.03 -4.73	14.03 -0.26 -3.13	22.00 -0.44 -3.21	21.80 -0.39 -3.26	19.59 -0.27 -1.62	27.19 -0.29 0.00	25.23 -0.44 0.00	22.47 -0.29 0.00	24.75 -0.37 0.00	26.63 -0.33 0.00
LINDEN COGEN____ 23786	23.25 -1.49 -52.65	24.55 -1.44 -52.47	24.45 -1.49 -54.55	23.15 -1.46 -53.01	21.25 -1.40 -48.77	30.27 -0.03 -30.80	39.91 -0.47 -49.12	33.65 -0.11 -35.62	25.53 0.28 -20.44	20.86 -0.22 -24.66	22.16 0.62 -12.00	24.23 1.41 -0.63	24.77 0.94 -9.99	25.79 1.48 -2.14	29.78 0.08 -28.33	30.58 0.71 -18.72	39.66 1.22 -19.20	39.71 1.25 -19.54	29.17 1.23 -9.71	29.18 1.69 0.00	27.16 1.49 0.00	23.96 1.21 0.00	26.47 1.35 0.00	28.32 1.36 0.00
LINDHRST_69_KV_BK1 356055	22.58 -2.15 -52.65	23.95 -2.03 -52.46	23.78 -2.15 -54.54	22.52 -2.08 -53.00	20.77 -1.87 -48.77	30.26 -0.04 -30.80	39.71 -0.66 -49.11	33.61 -0.14 -35.62	25.64 0.40 -20.44	20.78 -0.30 -24.66	22.41 0.87 -12.00	24.73 1.91 -0.63	25.09 1.25 -9.99	26.30 1.99 -2.14	29.82 0.13 -28.33	30.91 1.04 -18.72	40.16 1.72 -19.20	40.18 1.72 -19.54	29.67 1.73 -9.71	29.91 2.43 0.00	27.89 2.23 0.00	24.65 1.84 -0.06	27.12 2.00 0.00	28.98 2.03 0.00
LIPA_MISC_IPP 23656	22.64 -2.09 -52.65	23.99 -2.00 -52.46	23.80 -2.13 -54.54	22.53 -2.08 -53.00	20.76 -1.87 -48.77	30.26 -0.04 -30.80	39.74 -0.63 -49.11	33.61 -0.14 -35.62	25.64 0.40 -20.44	20.79 -0.29 -24.66	22.38 0.84 -12.00	24.68 1.85 -0.63	25.03 1.19 -9.99	26.21 1.91 -2.14	29.81 0.12 -28.33	30.87 0.99 -18.72	40.03 1.60 -19.20	40.05 1.60 -19.54	29.55 1.61 -9.71	29.72 2.23 0.00	27.79 2.12 0.00	25.55 1.81 -0.99	27.08 1.96 0.00	28.93 1.97 0.00
LISF____SOLAR 323691	22.60 -2.13 -52.65	23.95 -2.04 -52.46	23.76 -2.16 -54.54	22.48 -2.12 -53.00	20.72 -1.91 -48.77	30.26 -0.04 -30.80	39.72 -0.65 -49.11	33.61 -0.14 -35.62	25.64 0.40 -20.44	20.79 -0.29 -24.66	22.39 0.85 -12.00	24.70 1.87 -0.63	25.04 1.20 -9.99	26.23 1.92 -2.14	29.82 0.12 -28.33	30.89 1.02 -18.72	40.06 1.62 -19.20	40.09 1.63 -19.54	29.58 1.64 -9.71	29.76 2.28 0.00	27.83 2.16 0.00	25.58 1.85 -0.98	27.12 2.00 0.00	28.96 2.01 0.00
LITTLE FALLS____HYD 24013	-26.91 -0.63 -1.63	-25.23 -0.38 -1.62	-27.48 -0.55 -1.69	-27.30 -0.54 -1.64	-25.09 -0.48 -1.51	0.44 -0.01 -0.96	-7.48 -0.23 -1.49	-0.97 -0.04 -0.94	5.53 0.09 -0.63	-2.84 -0.03 -0.76	10.02 0.11 -0.37	22.50 0.28 -0.02	14.40 0.25 -0.31	22.62 0.38 -0.07	2.28 0.04 -0.88	12.05 0.30 -0.58	20.40 0.57 -0.60	20.05 0.52 -0.61	18.93 0.40 -0.30	27.95 0.46 0.00	26.06 0.40 0.00	23.14 0.38 0.00	25.41 0.29 0.00	27.13 0.17 0.00
LITTLRIV_115KV_TB1 356100	-23.80 1.92 -2.19	-22.10 1.74 -2.64	-24.02 1.86 -2.74	-23.54 2.19 -2.66	-21.62 2.05 -2.45	1.10 0.05 -1.55	-5.67 0.60 -2.47	0.05 0.12 -1.80	5.56 -0.27 -1.03	-2.13 0.21 -1.24	9.50 -0.64 -0.60	20.78 -1.45 -0.03	13.26 -1.09 -0.50	20.73 -1.55 -0.11	3.69 -0.09 -2.42	11.52 -0.91 -1.26	18.77 -1.43 -0.97	18.36 -1.54 -0.98	17.28 -1.44 -0.49	26.77 -0.71 0.00	25.82 0.16 0.00	22.80 0.04 0.00	24.78 -0.34 0.00	26.92 -0.04 0.00
LI_NEWBRDGE____DRP 323616	23.07 -1.66 -52.65	24.39 -1.60 -52.46	24.25 -1.68 -54.54	22.97 -1.63 -53.00	21.17 -1.47 -48.77	30.27 -0.03 -30.80	39.87 -0.50 -49.11	33.64 -0.11 -35.62	25.55 0.31 -20.44	20.84 -0.23 -24.66	22.23 0.69 -12.00	24.37 1.55 -0.63	24.85 1.02 -9.99	25.94 1.63 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.79 1.35 -19.20	39.81 1.35 -19.54	29.29 1.35 -9.71	29.37 1.88 0.00	27.36 1.70 0.00	24.14 1.39 0.00	26.65 1.54 0.00	28.51 1.56 0.00
LOCKPORT_115KV_TB60_63_64 80432	-14.20 -0.05 -13.76	-10.75 -0.20 -15.93	-11.52 -0.29 -17.39	-3.68 -0.37 -25.09	61.30 -0.32 -87.75	7.61 -0.02 -8.14	4.25 0.14 -12.85	7.57 0.06 -9.37	10.01 -0.13 -5.34	2.94 0.07 -6.45	12.37 -0.29 -3.12	21.79 -0.57 -0.16	15.82 -0.58 -2.56	22.01 -0.71 -0.55	8.55 -0.05 -7.24	15.58 -0.36 -4.78	23.54 -0.61 -4.91	23.07 -0.84 -4.99	19.77 -0.94 -2.48	26.12 -1.37 0.00	24.51 -1.15 0.00	21.63 -1.12 0.00	24.07 -1.05 0.00	26.25 -0.70 0.00

LOCKPORT___CC1 323769	-14.14 -0.02 -13.79	-10.63 -0.16 -16.01	-11.37 -0.25 -17.49	-3.37 -0.34 -25.37	62.92 -0.35 -89.40	7.64 -0.02 -8.16	4.29 0.15 -12.88	7.59 0.06 -9.40	10.02 -0.14 -5.35	2.96 0.07 -6.46	12.39 -0.28 -3.13	21.81 -0.55 -0.16	15.84 -0.58 -2.58	22.01 -0.71 -0.55	8.59 -0.05 -7.27	15.61 -0.36 -4.80	23.56 -0.60 -4.93	23.11 -0.83 -5.01	19.78 -0.94 -2.49	26.11 -1.38 0.00	24.51 -1.16 0.00	21.63 -1.12 0.00	24.07 -1.05 0.00	26.25 -0.70 0.00
LOCKPORT___CC2 323770	-14.14 -0.02 -13.79	-10.63 -0.16 -16.01	-11.37 -0.25 -17.49	-3.37 -0.34 -25.37	62.92 -0.35 -89.40	7.64 -0.02 -8.16	4.29 0.15 -12.88	7.59 0.06 -9.40	10.02 -0.14 -5.35	2.96 0.07 -6.46	12.39 -0.28 -3.13	21.81 -0.55 -0.16	15.84 -0.58 -2.58	22.01 -0.71 -0.55	8.59 -0.05 -7.27	15.61 -0.36 -4.80	23.56 -0.60 -4.93	23.11 -0.83 -5.01	19.78 -0.94 -2.49	26.11 -1.38 0.00	24.51 -1.16 0.00	21.63 -1.12 0.00	24.07 -1.05 0.00	26.25 -0.70 0.00
LOCKPORT___CC3 323771	-14.14 -0.02 -13.79	-10.63 -0.16 -16.01	-11.37 -0.25 -17.49	-3.37 -0.34 -25.37	62.92 -0.35 -89.40	7.64 -0.02 -8.16	4.29 0.15 -12.88	7.59 0.06 -9.40	10.02 -0.14 -5.35	2.96 0.07 -6.46	12.39 -0.28 -3.13	21.81 -0.55 -0.16	15.84 -0.58 -2.58	22.01 -0.71 -0.55	8.59 -0.05 -7.27	15.61 -0.36 -4.80	23.56 -0.60 -4.93	23.11 -0.83 -5.01	19.78 -0.94 -2.49	26.11 -1.38 0.00	24.51 -1.16 0.00	21.63 -1.12 0.00	24.07 -1.05 0.00	26.25 -0.70 0.00
LONG_LAKE_PHOENIX 24014	-18.11 0.30 -9.51	-16.71 0.29 -9.49	-18.44 0.31 -9.86	-18.52 0.29 -9.58	-17.04 0.27 -8.82	5.07 0.00 -5.57	0.23 0.08 -8.90	4.69 0.02 -6.53	8.45 -0.05 -3.70	0.92 0.04 -4.46	11.59 -0.12 -2.17	22.05 -0.26 -0.11	15.48 -0.18 -1.81	22.26 -0.29 -0.39	6.48 -0.01 -5.12	14.43 -0.12 -3.39	22.49 -0.22 -3.47	22.23 -0.22 -3.54	19.75 -0.24 -1.76	27.04 -0.44 0.00	25.22 -0.44 0.00	22.40 -0.35 0.00	24.72 -0.40 0.00	26.58 -0.37 0.00
LOVETT___3 23632	21.64 -1.51 -51.07	22.95 -1.47 -50.90	22.77 -1.53 -52.92	21.52 -1.50 -51.42	19.78 -1.40 -47.31	29.35 -0.03 -29.88	38.43 -0.47 -47.65	32.58 -0.11 -34.56	24.90 0.27 -19.82	20.13 -0.21 -23.92	21.76 0.58 -11.64	24.11 1.30 -0.61	24.40 0.87 -9.69	25.63 1.38 -2.07	28.93 0.08 -27.48	29.99 0.67 -18.16	39.04 1.18 -18.63	39.09 1.22 -18.96	28.82 1.17 -9.42	29.11 1.62 0.00	27.09 1.43 0.00	23.92 1.16 0.00	26.44 1.32 0.00	28.33 1.37 0.00
LOVETT___4 23642	21.64 -1.51 -51.07	22.95 -1.47 -50.90	22.77 -1.53 -52.92	21.52 -1.50 -51.42	19.78 -1.40 -47.31	29.35 -0.03 -29.88	38.43 -0.47 -47.65	32.58 -0.11 -34.56	24.90 0.27 -19.82	20.13 -0.21 -23.92	21.76 0.58 -11.64	24.11 1.30 -0.61	24.40 0.87 -9.69	25.63 1.38 -2.07	28.93 0.08 -27.48	29.99 0.67 -18.16	39.04 1.18 -18.63	39.09 1.22 -18.96	28.82 1.17 -9.42	29.11 1.62 0.00	27.09 1.43 0.00	23.92 1.16 0.00	26.44 1.32 0.00	28.33 1.37 0.00
LOVETT___5 23593	21.64 -1.51 -51.07	22.95 -1.47 -50.90	22.77 -1.53 -52.92	21.52 -1.50 -51.42	19.78 -1.40 -47.31	29.35 -0.03 -29.88	38.43 -0.47 -47.65	32.58 -0.11 -34.56	24.90 0.27 -19.82	20.13 -0.21 -23.92	21.76 0.58 -11.64	24.11 1.30 -0.61	24.40 0.87 -9.69	25.63 1.38 -2.07	28.93 0.08 -27.48	29.99 0.67 -18.16	39.04 1.18 -18.63	39.09 1.22 -18.96	28.82 1.17 -9.42	29.11 1.62 0.00	27.09 1.43 0.00	23.92 1.16 0.00	26.44 1.32 0.00	28.33 1.37 0.00
LOWER_RAQUET___HYD 24057	-23.47 2.19 -2.26	-21.76 2.02 -2.70	-23.68 2.13 -2.80	-23.18 2.49 -2.73	-21.11 2.51 -2.51	1.14 0.06 -1.58	-5.52 0.70 -2.53	0.11 0.14 -1.84	5.53 -0.33 -1.05	-2.06 0.26 -1.27	9.40 -0.75 -0.62	20.49 -1.74 -0.03	13.09 -1.26 -0.51	20.44 -1.84 -0.11	3.81 -0.11 -2.56	11.42 -1.06 -1.32	18.52 -1.70 -0.99	18.13 -1.79 -1.00	17.09 -1.64 -0.50	26.46 -1.03 0.00	25.48 -0.18 0.00	22.51 -0.24 0.00	24.49 -0.63 0.00	26.61 -0.35 0.00
LOWER___HUDSON 24059	35.59 -0.99 -64.49	36.90 -0.89 -64.27	37.21 -0.99 -66.82	35.57 -0.96 -64.93	32.68 -0.93 -59.74	37.21 -0.02 -37.73	51.13 -0.31 -60.18	41.84 -0.08 -43.78	30.11 0.18 -25.12	26.59 -0.14 -30.32	24.69 0.39 -14.76	23.88 0.92 -0.77	26.71 0.59 -12.28	25.76 0.96 -2.63	37.29 0.06 -35.86	34.63 0.46 -23.01	43.64 0.79 -23.60	43.74 0.81 -24.02	30.90 0.74 -11.93	28.56 1.07 0.00	26.66 0.99 0.00	23.57 0.82 0.00	25.95 0.83 0.00	27.71 0.75 0.00
LOWVILLE_115KV_TB2 356335	-22.39 1.43 -4.10	-20.65 1.61 -4.21	-22.80 1.44 -4.38	-22.91 1.23 -4.26	-20.51 1.70 -3.92	2.10 0.12 -2.47	-4.53 0.24 -3.97	1.21 0.09 -2.99	6.20 -0.25 -1.64	-1.42 0.18 -1.98	9.92 -0.58 -0.96	21.00 -1.25 -0.05	13.94 -0.71 -0.80	21.15 -1.19 -2.60	3.90 -0.07 -2.60	12.15 -0.62 -1.61	19.81 -0.97 -1.54	19.66 -0.83 -1.57	18.63 -0.38 -0.78	27.55 0.06 0.00	25.44 -0.22 0.00	22.65 -0.11 0.00	24.84 -0.28 0.00	26.80 -0.15 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	36.17 -1.48 -65.57	37.48 -1.38 -65.34	37.82 -1.50 -67.93	36.14 -1.47 -66.01	33.19 -1.42 -60.74	37.83 -0.02 -38.36	51.92 -0.51 -61.17	42.45 -0.11 -44.43	30.58 0.28 -25.49	26.98 -0.21 -30.76	25.07 0.55 -14.97	24.27 1.29 -0.78	27.14 0.83 -12.46	26.18 1.34 -2.67	37.23 0.08 -35.79	35.16 0.65 -23.35	44.32 1.13 -23.95	44.41 1.12 -24.37	31.37 1.03 -12.11	29.01 1.52 0.00	27.05 1.39 0.00	23.92 1.16 0.00	26.38 1.26 0.00	28.20 1.24 0.00
LUTHERNY_35_KV_BK2 355980	36.15 -1.50 -65.57	37.47 -1.39 -65.34	37.80 -1.52 -67.93	36.13 -1.49 -66.01	33.17 -1.44 -60.74	37.83 -0.02 -38.36	51.92 -0.52 -61.17	42.45 -0.12 -44.43	30.58 0.29 -25.49	26.97 -0.21 -30.76	25.08 0.57 -14.97	24.29 1.31 -0.78	27.15 0.84 -12.46	26.19 1.35 -2.67	37.24 0.08 -35.79	35.17 0.66 -23.35	44.33 1.15 -23.95	44.43 1.14 -24.37	31.39 1.04 -12.11	29.03 1.55 0.00	27.05 1.39 0.00	23.96 1.20 0.00	26.40 1.28 0.00	28.21 1.26 0.00
LWR___OSWEGATCHIE_HYD 23850	-22.57 2.04 -3.31	-20.85 2.03 -3.60	-22.83 2.04 -3.75	-22.64 2.12 -3.64	-20.56 2.22 -3.35	1.70 0.09 -2.12	-4.81 0.55 -3.39	0.77 0.13 -2.51	5.88 -0.33 -1.41	-1.64 0.25 -1.69	9.63 -0.73 -0.82	20.59 -1.66 -0.04	13.44 -1.09 -0.69	20.64 -1.68 -0.15	3.97 -0.10 -2.71	11.77 -0.92 -1.53	19.08 -1.47 -1.32	18.82 -1.45 -1.34	17.75 -1.15 -0.67	26.79 -0.69 0.00	25.28 -0.38 0.00	22.42 -0.33 0.00	24.48 -0.64 0.00	26.51 -0.44 0.00
LYONS_FALL_HYD 23570	-23.31 0.72 -3.89	-21.68 0.84 -3.96	-23.78 0.71 -4.12	-23.79 0.60 -4.01	-21.52 0.92 -3.69	1.90 0.08 -2.33	-4.93 0.08 -3.74	1.01 0.04 -2.84	6.23 -0.11 -1.54	-1.63 0.09 -1.86	10.14 -0.30 -0.91	21.64 -0.61 -0.05	14.26 -0.33 -0.76	21.77 -0.57 -0.16	3.68 -0.03 -2.35	12.36 -0.29 -1.48	20.25 -0.43 -1.45	20.04 -0.36 -1.48	18.88 -0.09 -0.73	27.76 0.28 0.00	25.74 0.08 0.00	22.87 0.12 0.00	25.13 0.01 0.00	27.04 0.08 0.00
MADISON___COUNTY_LFGE 323628	-22.07 -0.44 -6.28	-20.59 -0.40 -6.28	-22.56 -0.48 -6.53	-22.54 -0.49 -6.34	-20.70 -0.41 -5.84	3.19 0.00 -3.69	-2.96 -0.22 -6.00	3.03 -0.05 -4.94	7.35 0.10 -2.45	-0.69 -0.06 -2.95	11.13 0.16 -1.44	22.70 0.43 -0.07	15.31 0.27 -1.20	22.90 0.47 -0.26	4.79 0.03 -3.39	13.66 0.26 -2.24	22.00 0.46 -2.30	21.68 0.42 -2.34	19.81 0.42 -1.16	28.18 0.69 0.00	26.25 0.59 0.00	23.27 0.51 0.00	25.64 0.52 0.00	27.52 0.57 0.00

MALONE___115KV_TB1 356076	-24.19 2.01 -1.71	-22.32 1.93 -2.22	-24.28 2.02 -2.31	-23.62 2.53 -2.25	-21.73 2.33 -2.07	0.85 0.05 -1.31	-5.93 0.73 -2.08	-0.23 0.14 -1.49	5.33 -0.34 -0.87	-2.28 0.26 -1.05	9.31 -0.73 -0.51	20.44 -1.78 -0.03	12.90 -1.37 -0.42	20.30 -1.96 -0.09	7.99 -0.12 -6.75	12.54 -1.21 -2.59	18.11 -1.94 -0.81	17.76 -1.99 -0.83	16.84 -1.81 -0.41	26.43 -1.05 0.00	25.71 0.05 0.00	22.62 -0.13 0.00	24.52 -0.60 0.00	26.74 -0.21 0.00
MAPLEWOD_115KV_TB3 80458	35.52 -0.77 -64.20	36.80 -0.70 -63.98	37.13 -0.77 -66.52	35.49 -0.75 -64.63	32.62 -0.72 -59.47	37.04 -0.01 -37.56	50.91 -0.23 -59.89	41.46 -0.05 -43.38	29.83 0.14 -24.89	26.35 -0.11 -30.04	24.46 0.30 -14.62	23.65 0.69 -0.76	26.46 0.45 -12.17	25.51 0.73 -2.60	35.36 0.04 -33.95	34.32 0.36 -22.80	43.25 0.63 -23.39	43.36 0.64 -23.80	30.65 0.60 -11.82	28.32 0.84 0.00	26.44 0.78 0.00	23.42 0.66 0.00	25.79 0.67 0.00	27.54 0.58 0.00
MAPLE_RIDGE_WT_1 323574	-25.48 1.78 -0.66	-23.54 1.65 -1.29	-25.46 1.82 -1.34	-25.14 1.96 -1.30	-23.13 1.80 -1.20	0.28 0.03 -0.75	-6.99 0.56 -1.19	-0.94 0.11 -0.81	5.01 -0.30 -0.50	-2.78 0.20 -0.60	9.27 -0.56 -0.29	20.89 -1.32 -0.02	13.24 -0.85 -0.25	20.83 -1.39 -0.05	1.80 -0.09 -0.53	10.76 -0.81 -0.41	18.43 -1.28 -0.47	18.16 -1.24 -0.48	17.51 -0.96 -0.24	26.81 -0.67 0.00	25.32 -0.34 0.00	22.42 -0.34 0.00	24.62 -0.50 0.00	26.51 -0.45 0.00
MAPLE_RIDGE_WT_2 323611	-25.48 1.78 -0.66	-23.54 1.65 -1.29	-25.46 1.82 -1.34	-25.14 1.96 -1.30	-23.13 1.80 -1.20	0.28 0.03 -0.75	-6.99 0.56 -1.19	-0.94 0.11 -0.81	5.01 -0.30 -0.50	-2.78 0.20 -0.60	9.27 -0.56 -0.29	20.89 -1.32 -0.02	13.24 -0.85 -0.25	20.83 -1.39 -0.05	1.80 -0.09 -0.53	10.76 -0.81 -0.41	18.43 -1.28 -0.47	18.16 -1.24 -0.48	17.51 -0.96 -0.24	26.81 -0.67 0.00	25.32 -0.34 0.00	22.42 -0.34 0.00	24.62 -0.50 0.00	26.51 -0.45 0.00
MARBLE_RIVER_WT_PWR 323696	-24.29 2.18 -1.45	-22.38 2.10 -2.00	-24.35 2.19 -2.08	-23.59 2.78 -2.02	-21.44 2.83 -1.86	0.72 0.05 -1.17	-6.04 0.83 -1.87	-0.37 0.16 -1.33	5.18 -0.40 -0.78	-2.34 0.30 -0.94	9.17 -0.83 -0.46	20.20 -2.02 -0.02	12.66 -1.57 -0.38	19.96 -2.30 -0.08	-6.31 -0.14 7.54	7.66 -1.43 2.07	17.64 -2.33 -0.73	17.32 -2.35 -0.75	16.49 -2.12 -0.37	26.02 -1.47 0.00	25.41 -0.26 0.00	22.34 -0.41 0.00	24.21 -0.91 0.00	26.43 -0.53 0.00
MARSHVLE_115KV_TB1 80742	50.81 -1.30 -80.02	51.96 -1.31 -79.75	52.94 -1.35 -82.91	50.81 -1.36 -80.56	46.69 -1.30 -74.12	46.29 -0.03 -46.81	65.51 -0.40 -74.65	52.19 -0.09 -54.15	36.10 0.23 -31.07	33.75 -0.17 -37.49	28.19 0.40 -18.25	24.09 0.93 -0.95	29.58 0.54 -15.19	26.27 0.85 -3.25	44.50 0.06 -43.07	40.11 0.49 -28.45	49.30 0.88 -29.19	49.45 0.83 -29.70	33.82 0.84 -14.76	28.85 1.36 0.00	26.89 1.23 0.00	24.00 1.25 0.00	26.39 1.27 0.00	28.38 1.43 0.00
MARSH_HILL_WT_PWR 323713	-9.71 1.55 -16.66	-7.01 1.48 -17.99	-8.04 1.36 -19.22	-3.43 1.16 -23.81	37.45 1.20 -62.38	9.31 0.01 -9.80	7.24 0.43 -15.55	9.60 0.13 -11.34	10.99 -0.28 -6.47	4.42 0.19 -7.80	12.86 -0.48 -3.80	21.30 -1.09 -0.20	16.19 -0.81 -3.16	21.87 -0.98 -0.67	10.26 -0.05 -8.94	16.65 -0.42 -5.91	24.85 -0.45 -6.06	24.83 -0.25 -6.17	20.98 -0.32 -3.06	26.98 -0.51 0.00	24.99 -0.67 0.00	22.17 -0.58 0.00	24.87 -0.25 0.00	26.95 0.00 0.00
MCINTYRE_115KV_TB2 80467	-24.00 1.83 -2.08	-22.30 1.63 -2.54	-24.22 1.75 -2.65	-23.73 2.10 -2.57	-21.81 1.95 -2.37	1.04 0.04 -1.50	-5.79 0.57 -2.38	-0.03 0.11 -1.73	5.55 -0.25 -0.99	-2.19 0.20 -1.20	9.51 -0.61 -0.58	20.87 -1.36 -0.03	13.30 -1.03 -0.48	20.83 -1.45 -0.10	3.46 -0.09 -2.19	11.47 -0.86 -1.17	18.83 -1.33 -0.93	18.39 -1.47 -0.95	17.31 -1.39 -0.47	26.88 -0.61 0.00	25.97 0.31 0.00	22.91 0.16 0.00	24.91 -0.21 0.00	27.06 0.10 0.00
MECO___69_KV_BK1 80468	46.43 -1.80 -76.15	47.69 -1.72 -75.89	48.47 -1.81 -78.90	46.48 -1.78 -76.67	42.72 -1.70 -70.54	44.02 -0.03 -44.55	61.66 -0.64 -71.04	49.53 -0.13 -51.53	34.71 0.34 -29.57	31.87 -0.23 -35.68	27.46 0.55 -17.37	24.31 1.20 -0.91	29.00 0.70 -14.45	26.50 1.24 -3.09	42.46 0.10 -40.99	39.12 0.88 -27.08	48.58 1.57 -27.78	48.70 1.51 -28.27	33.73 1.46 -14.04	29.66 2.17 0.00	27.52 1.85 0.00	24.40 1.65 0.00	26.76 1.64 0.00	28.66 1.70 0.00
MENANDS__115KV_TB5 355628	35.57 -0.60 -64.08	36.85 -0.53 -63.86	37.18 -0.60 -66.39	35.54 -0.57 -64.51	32.67 -0.56 -59.36	36.98 -0.01 -37.49	50.86 -0.17 -59.77	41.39 -0.04 -43.30	29.75 0.10 -24.84	26.32 -0.08 -29.98	24.37 0.24 -14.59	23.51 0.56 -0.76	26.35 0.36 -12.14	25.36 0.59 -2.60	35.27 0.03 -33.87	34.20 0.28 -22.75	43.07 0.49 -23.34	43.18 0.51 -23.75	30.51 0.48 -11.80	28.14 0.66 0.00	26.28 0.61 0.00	23.28 0.52 0.00	25.64 0.52 0.00	27.38 0.42 0.00
MG INDUSTRY___DRP 24185	35.01 -0.60 -63.53	36.26 -0.56 -63.30	36.59 -0.61 -65.82	34.95 -0.60 -63.95	32.15 -0.57 -58.84	36.65 -0.01 -37.16	50.34 -0.17 -59.26	41.04 -0.04 -42.95	29.55 0.10 -24.64	26.08 -0.08 -29.74	24.24 0.23 -14.47	23.48 0.53 -0.75	26.24 0.34 -12.05	25.32 0.57 -2.58	35.28 0.03 -33.88	34.01 0.28 -22.57	42.87 0.48 -23.15	42.97 0.49 -23.56	30.41 0.47 -11.70	28.13 0.64 0.00	26.25 0.58 0.00	23.25 0.49 0.00	25.62 0.50 0.00	27.41 0.46 0.00
MID___OSWEGATCHIE_HYD 23849	-22.57 2.04 -3.31	-20.85 2.03 -3.60	-22.83 2.04 -3.75	-22.64 2.12 -3.64	-20.56 2.22 -3.35	1.70 0.09 -2.12	-4.81 0.55 -3.39	0.77 0.13 -2.51	5.88 -0.33 -1.41	-1.64 0.25 -1.69	9.63 -0.73 -0.82	20.59 -1.66 -0.04	13.44 -1.09 -0.69	20.64 -1.68 -0.15	3.97 -0.10 -2.71	11.77 -0.92 -1.53	19.08 -1.47 -1.32	18.82 -1.45 -1.34	17.75 -1.15 -0.67	26.79 -0.69 0.00	25.28 -0.38 0.00	22.42 -0.33 0.00	24.48 -0.64 0.00	26.51 -0.44 0.00
MID___RAQUETTE_HYD 23851	-23.46 2.19 -2.26	-21.75 2.03 -2.70	-23.66 2.15 -2.80	-23.20 2.47 -2.73	-21.29 2.33 -2.51	1.14 0.06 -1.58	-5.52 0.70 -2.53	0.11 0.14 -1.84	5.53 -0.33 -1.05	-2.06 0.26 -1.27	9.40 -0.75 -0.62	20.49 -1.74 -0.03	13.09 -1.26 -0.51	20.45 -1.84 -0.11	3.81 -0.11 -2.56	11.42 -1.06 -1.32	18.52 -1.70 -0.99	18.13 -1.79 -1.00	17.09 -1.64 -0.50	26.45 -1.03 0.00	25.48 -0.18 0.00	22.51 -0.24 0.00	24.49 -0.63 0.00	26.61 -0.35 0.00
MILLIKEN___1 23584	-12.44 -0.63 -16.10	-10.83 -0.58 -16.23	-12.32 -0.65 -16.94	-11.93 -0.65 -17.12	-5.75 -0.61 -20.98	8.91 -0.01 -9.43	6.06 -0.24 -15.04	9.07 -0.05 -10.99	11.19 0.13 -6.25	3.89 -0.07 -7.54	13.40 0.19 -3.67	22.87 0.48 -0.19	17.22 0.32 -3.06	23.38 0.56 -0.65	10.07 0.04 -8.66	17.19 0.30 -5.72	25.70 0.59 -5.87	25.44 0.54 -5.97	21.67 0.47 -2.97	28.15 0.66 0.00	26.17 0.51 0.00	23.20 0.44 0.00	25.66 0.54 0.00	27.57 0.61 0.00
MILLIKEN___2 23585	-12.44 -0.63 -16.10	-10.83 -0.58 -16.23	-12.32 -0.65 -16.94	-11.93 -0.65 -17.12	-5.75 -0.61 -20.98	8.91 -0.01 -9.43	6.06 -0.24 -15.04	9.07 -0.05 -10.99	11.19 0.13 -6.25	3.89 -0.07 -7.54	13.40 0.19 -3.67	22.87 0.48 -0.19	17.22 0.32 -3.06	23.38 0.56 -0.65	10.07 0.04 -8.66	17.19 0.30 -5.72	25.70 0.59 -5.87	25.44 0.54 -5.97	21.67 0.47 -2.97	28.15 0.66 0.00	26.17 0.51 0.00	23.20 0.44 0.00	25.66 0.54 0.00	27.57 0.61 0.00

MILLIKEN___DIESEL 23629	-12.44 -0.63 -16.10	-10.83 -0.58 -16.23	-12.32 -0.65 -16.94	-11.93 -0.65 -17.12	-5.75 -0.61 -20.98	8.91 -0.01 -9.43	6.06 -0.24 -15.04	9.07 -0.05 -10.99	11.19 0.13 -6.25	3.89 -0.07 -7.54	13.40 0.19 -3.67	22.87 0.48 -0.19	17.22 0.32 -3.06	23.38 0.56 -0.65	10.07 0.04 -8.66	17.19 0.30 -5.72	25.70 0.59 -5.87	25.44 0.54 -5.97	21.67 0.47 -2.97	28.15 0.66 0.00	26.17 0.51 0.00	23.20 0.44 0.00	25.66 0.54 0.00	27.57 0.61 0.00
MILLSEAT___LFGE 323607	-15.04 -0.63 -13.51	-11.93 -0.72 -15.27	-12.90 -0.84 -16.55	-6.53 -0.92 -22.78	46.79 -0.88 -73.81	7.44 -0.03 -7.97	3.79 -0.08 -12.61	7.35 0.01 -9.20	10.05 0.00 -5.24	2.72 -0.03 -6.33	12.56 -0.04 -3.07	22.32 -0.03 -0.16	16.14 -0.21 -2.51	22.57 -0.14 -0.54	8.46 -0.01 -7.11	15.78 -0.07 -4.70	23.94 -0.11 -4.82	23.48 -0.34 -4.90	20.20 -0.47 -2.44	26.80 -0.69 0.00	25.11 -0.55 0.00	22.15 -0.60 0.00	24.60 -0.52 0.00	26.76 -0.20 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.07 -1.47 -52.46	24.38 -1.41 -52.27	24.26 -1.47 -54.35	22.98 -1.44 -52.81	21.12 -1.35 -48.59	30.15 -0.03 -30.68	39.73 -0.46 -48.94	33.52 -0.11 -35.49	25.43 0.27 -20.36	20.79 -0.20 -24.57	22.08 0.58 -11.96	24.14 1.32 -0.62	24.67 0.87 -9.95	25.69 1.39 -2.13	29.67 0.08 -28.22	30.48 0.68 -18.65	39.55 1.18 -19.13	39.59 1.20 -19.47	29.07 1.16 -9.67	29.11 1.62 0.00	27.10 1.44 0.00	23.93 1.17 0.00	26.44 1.32 0.00	28.30 1.34 0.00
MILLWOOD_13_KV_LOAD 356217	23.01 -1.53 -52.46	24.32 -1.48 -52.27	24.19 -1.54 -54.35	22.91 -1.50 -52.81	21.05 -1.41 -48.59	30.15 -0.03 -30.68	39.71 -0.48 -48.94	33.51 -0.11 -35.49	25.45 0.28 -20.36	20.77 -0.21 -24.57	22.10 0.61 -11.96	24.19 1.37 -0.62	24.71 0.91 -9.95	25.75 1.45 -2.13	29.67 0.08 -28.22	30.52 0.71 -18.65	39.61 1.24 -19.13	39.66 1.27 -19.47	29.13 1.22 -9.67	29.19 1.71 0.00	27.17 1.51 0.00	23.99 1.23 0.00	26.50 1.38 0.00	28.36 1.40 0.00
MODEL_CITY_ENERGY 24167	-13.91 0.18 -13.82	-10.33 0.02 -16.13	-11.02 -0.05 -17.65	-2.70 -0.15 -25.86	66.19 -0.16 -92.48	7.66 -0.01 -8.18	4.42 0.25 -12.91	7.64 0.09 -9.42	9.98 -0.19 -5.37	3.01 0.12 -6.47	12.23 -0.44 -3.14	21.44 -0.92 -0.16	15.67 -0.76 -2.58	21.73 -0.99 -0.55	8.61 -0.07 -7.31	15.49 -0.50 -4.83	23.33 -0.85 -4.95	22.88 -1.08 -5.04	19.56 -1.17 -2.50	25.76 -1.73 0.00	24.20 -1.47 0.00	21.35 -1.41 0.00	23.77 -1.35 0.00	25.94 -1.02 0.00
MODERN_LFGE___ 323580	-13.91 0.18 -13.82	-10.33 0.02 -16.13	-11.02 -0.05 -17.65	-2.70 -0.15 -25.86	66.19 -0.16 -92.48	7.66 -0.01 -8.18	4.42 0.25 -12.91	7.64 0.09 -9.42	9.98 -0.19 -5.37	3.01 0.12 -6.47	12.23 -0.44 -3.14	21.44 -0.92 -0.16	15.67 -0.76 -2.58	21.73 -0.99 -0.55	8.61 -0.07 -7.31	15.49 -0.50 -4.83	23.33 -0.85 -4.95	22.88 -1.08 -5.04	19.56 -1.17 -2.50	25.76 -1.73 0.00	24.20 -1.47 0.00	21.35 -1.41 0.00	23.77 -1.35 0.00	25.94 -1.02 0.00
MOHAWK_PAPER___DRP 24187	35.52 -0.77 -64.20	36.80 -0.70 -63.98	37.13 -0.77 -66.52	35.49 -0.75 -64.63	32.62 -0.72 -59.47	37.04 -0.01 -37.56	50.91 -0.23 -59.89	41.46 -0.05 -43.38	29.83 0.14 -24.89	26.35 -0.11 -30.04	24.46 0.30 -14.62	23.65 0.69 -0.76	26.46 0.45 -12.17	25.51 0.73 -2.60	35.36 0.04 -33.95	34.32 0.36 -22.80	43.25 0.63 -23.39	43.36 0.64 -23.80	30.65 0.60 -11.82	28.32 0.84 0.00	26.44 0.78 0.00	23.42 0.66 0.00	25.79 0.67 0.00	27.54 0.58 0.00
MOHICAN__35_KV_115KV_LD 80490	35.86 -1.85 -65.63	37.20 -1.72 -65.40	37.54 -1.83 -67.99	35.87 -1.80 -66.07	32.87 -1.79 -60.79	37.86 -0.03 -38.39	51.81 -0.68 -61.23	42.44 -0.15 -44.46	30.69 0.37 -25.51	26.94 -0.26 -30.79	25.22 0.70 -14.98	24.59 1.61 -0.78	27.37 1.05 -12.47	26.52 1.69 -2.67	37.25 0.10 -35.79	35.29 0.76 -23.37	44.53 1.32 -23.97	44.62 1.31 -24.39	31.53 1.18 -12.12	29.30 1.81 0.00	27.31 1.64 0.00	24.12 1.37 0.00	26.70 1.58 0.00	28.48 1.52 0.00
MONGAUP___HYD 23641	19.39 -1.47 -48.77	20.64 -1.47 -48.60	20.45 -1.46 -50.53	19.27 -1.43 -49.10	17.73 -1.32 -45.17	28.00 -0.03 -28.53	36.26 -0.50 -45.50	31.02 -0.11 -33.00	24.01 0.28 -18.93	19.07 -0.19 -22.84	21.11 0.46 -11.12	23.78 1.01 -0.58	23.81 0.72 -9.25	25.28 1.13 -1.98	27.68 0.07 -26.24	29.14 0.64 -17.34	38.10 1.08 -17.78	38.16 1.14 -18.10	28.42 1.19 -8.99	29.26 1.77 0.00	27.12 1.45 0.00	24.03 1.28 0.00	26.63 1.51 0.00	28.39 1.43 0.00
MONTAUK___DIESEL 23721	21.77 -2.96 -52.65	23.17 -2.81 -52.46	22.94 -2.99 -54.54	21.66 -2.94 -53.00	19.94 -2.70 -48.77	30.25 -0.05 -30.80	39.43 -0.94 -49.11	33.55 -0.21 -35.62	25.79 0.56 -20.44	20.68 -0.40 -24.66	22.67 1.13 -12.00	25.35 2.52 -0.63	25.44 1.61 -9.99	26.88 2.57 -2.14	29.86 0.17 -28.33	31.25 1.38 -18.72	40.75 2.31 -19.20	40.78 2.33 -19.54	30.25 2.31 -9.71	30.74 3.26 0.00	28.69 3.03 0.00	26.34 2.60 -0.98	27.90 2.79 0.00	29.78 2.82 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	-12.65 0.50 -14.77	-9.09 0.35 -17.04	-9.75 0.29 -18.58	-1.57 0.22 -26.60	65.97 0.13 -91.96	8.23 0.00 -8.73	5.21 0.16 -13.79	8.22 0.03 -10.06	10.41 -0.13 -5.73	3.44 0.10 -6.92	12.63 -0.26 -3.36	21.77 -0.61 -0.17	16.20 -0.42 -2.78	22.61 -0.16 -0.59	9.24 0.00 -7.88	16.44 0.08 -5.20	25.05 0.47 -5.34	24.59 0.24 -5.43	20.86 -0.08 -2.70	27.51 0.02 0.00	25.75 0.08 0.00	22.75 -0.01 0.00	25.30 0.18 0.00	27.49 0.54 0.00
MORTIMER_115KV_TB3 55949	-16.22 -0.71 -12.41	-14.87 -0.76 -12.37	-16.61 -0.86 -12.86	-16.79 -0.88 -12.50	-15.43 -0.80 -11.50	6.74 -0.02 -7.26	2.68 -0.17 -11.59	6.58 -0.02 -8.47	9.69 0.07 -4.82	2.16 -0.07 -5.81	12.38 -0.01 -2.85	22.29 -0.05 -0.15	16.03 -0.13 -2.32	22.59 -0.08 -0.50	7.94 -0.01 -6.57	15.46 -0.04 -4.34	23.62 -0.08 -4.46	23.23 -0.22 -4.53	20.16 -0.33 -2.25	26.97 -0.52 0.00	25.25 -0.42 0.00	22.31 -0.44 0.00	24.70 -0.42 0.00	26.73 -0.23 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.15 -1.59 -52.66	24.46 -1.54 -52.47	24.35 -1.59 -54.56	23.05 -1.56 -53.01	21.17 -1.48 -48.78	30.27 -0.03 -30.80	39.88 -0.50 -49.13	33.65 -0.11 -35.63	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.33 1.51 -0.63	24.83 0.99 -9.99	25.88 1.57 -2.14	29.79 0.09 -28.33	30.64 0.76 -18.72	39.76 1.32 -19.20	39.80 1.34 -19.54	29.25 1.30 -9.71	29.31 1.83 0.00	27.28 1.61 0.00	24.07 1.32 0.00	26.58 1.46 0.00	28.44 1.48 0.00
MUNSVILLE_WIND_PWR 323609	-7.66 -1.54 -21.80	-5.95 -1.52 -22.05	-7.26 -1.69 -23.04	-6.52 -1.71 -23.58	3.45 -1.52 -31.10	12.23 -0.04 -12.76	11.02 -0.59 -20.35	12.82 -0.13 -14.82	13.60 0.33 -8.46	6.45 -0.18 -10.21	15.06 0.55 -4.97	23.79 1.34 -0.26	18.79 0.81 -4.14	24.48 1.43 -0.88	13.20 0.11 -11.72	19.75 0.85 -7.75	28.76 1.58 -7.95	28.49 1.49 -8.09	23.58 1.33 -4.02	29.45 1.97 0.00	27.59 1.93 0.00	24.35 1.60 0.00	26.77 1.65 0.00	28.78 1.82 0.00
N SALMON___HYD 24042	-24.20 2.01 -1.71	-22.34 1.92 -2.22	-24.30 2.00 -2.31	-23.60 2.56 -2.25	-21.49 2.56 -2.07	0.85 0.05 -1.31	-5.93 0.73 -2.08	-0.23 0.14 -1.49	5.33 -0.34 -0.87	-2.28 0.26 -1.05	9.31 -0.73 -0.51	20.44 -1.78 -0.03	12.90 -1.37 -0.42	20.30 -1.97 -0.09	8.00 -0.12 -6.75	12.54 -1.21 -2.59	18.11 -1.94 -0.81	17.76 -1.99 -0.83	16.84 -1.81 -0.41	26.43 -1.05 0.00	25.71 0.05 0.00	22.62 -0.13 0.00	24.52 -0.60 0.00	26.74 -0.21 0.00

N.AKRON__115KV_KNAPP 355671	-14.75 -0.45 -13.62	-11.48 -0.57 -15.57	-12.36 -0.67 -16.93	-5.33 -0.75 -23.82	53.26 -0.67 -80.05	7.52 -0.02 -8.05	3.97 -0.01 -12.72	7.44 0.03 -9.28	10.05 -0.04 -5.29	2.80 0.00 -6.38	12.51 -0.11 -3.09	22.19 -0.17 -0.16	16.05 -0.32 -2.53	22.42 -0.29 -0.54	8.50 -0.02 -7.16	15.74 -0.15 -4.73	23.84 -0.25 -4.85	23.37 -0.48 -4.94	20.08 -0.61 -2.46	26.61 -0.88 0.00	24.94 -0.72 0.00	22.01 -0.75 0.00	24.46 -0.66 0.00	26.63 -0.33 0.00
N.BELMOR_69_KV_BK1 55787	22.88 -1.85 -52.65	24.21 -1.77 -52.46	24.07 -1.86 -54.54	22.80 -1.80 -53.00	21.00 -1.64 -48.77	30.26 -0.03 -30.80	39.80 -0.57 -49.11	33.62 -0.13 -35.62	25.58 0.34 -20.44	20.82 -0.26 -24.66	22.29 0.75 -12.00	24.51 1.69 -0.63	24.94 1.10 -9.99	26.07 1.76 -2.14	29.80 0.11 -28.33	30.78 0.90 -18.72	39.94 1.50 -19.20	39.96 1.50 -19.54	29.45 1.51 -9.71	29.62 2.13 0.00	27.59 1.92 0.00	24.32 1.57 0.00	26.84 1.72 0.00	28.70 1.75 0.00
N.E_GEN_SANDY PD 24062	30.01 -1.03 -58.95	31.37 -0.94 -58.79	31.52 -1.00 -61.14	30.05 -0.94 -59.39	27.59 -0.92 -54.64	34.20 -0.02 -34.72	46.00 -0.29 -55.03	37.98 -0.07 -39.91	28.06 0.17 -23.09	24.72 -0.13 -28.43	23.39 0.40 -13.45	23.82 0.92 -0.70	25.63 0.59 -11.20	25.51 0.95 -2.40	34.47 0.05 -33.04	32.44 0.46 -20.82	41.55 0.80 -21.52	41.93 0.82 -22.19	29.87 0.77 -10.86	28.58 1.09 0.00	27.59 1.00 -0.93	23.10 0.84 0.50	26.02 0.90 0.00	27.80 0.83 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.58 -1.53 -51.02	22.89 -1.48 -50.85	22.70 -1.54 -52.87	21.46 -1.51 -51.37	19.72 -1.42 -47.26	29.32 -0.03 -29.85	38.38 -0.48 -47.60	32.55 -0.11 -34.52	24.88 0.27 -19.80	20.11 -0.21 -23.90	21.76 0.59 -11.63	24.12 1.31 -0.61	24.40 0.88 -9.68	25.63 1.39 -2.07	28.90 0.08 -27.46	29.98 0.68 -18.14	39.04 1.20 -18.61	39.08 1.23 -18.94	28.82 1.18 -9.41	29.12 1.63 0.00	27.11 1.44 0.00	23.93 1.18 0.00	26.46 1.34 0.00	28.34 1.39 0.00
N.QUEENS_27_KV_LOAD 356247	22.99 -1.75 -52.66	24.31 -1.69 -52.47	24.23 -1.71 -54.55	22.93 -1.68 -53.01	21.05 -1.60 -48.78	30.26 -0.05 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.57 0.33 -20.44	20.83 -0.25 -24.66	22.23 0.69 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.96 1.65 -2.14	29.79 0.10 -28.33	30.68 0.80 -18.72	39.82 1.38 -19.20	39.85 1.39 -19.54	29.32 1.38 -9.71	29.44 1.95 0.00	27.38 1.72 0.00	24.15 1.39 0.00	26.65 1.54 0.00	28.53 1.57 0.00
N.TROY___115KV_TB1 355778	35.58 -1.00 -64.49	36.89 -0.90 -64.27	37.21 -0.99 -66.82	35.57 -0.96 -64.93	32.68 -0.93 -59.74	37.21 -0.02 -37.73	51.12 -0.31 -60.18	41.84 -0.08 -43.78	30.11 0.18 -25.12	26.59 -0.14 -30.32	24.69 0.39 -14.76	23.88 0.92 -0.77	26.71 0.59 -12.28	25.76 0.97 -2.63	37.29 0.06 -35.86	34.63 0.46 -23.01	43.63 0.79 -23.60	43.74 0.81 -24.02	30.90 0.74 -11.93	28.56 1.07 0.00	26.66 0.99 0.00	23.58 0.82 0.00	25.95 0.83 0.00	27.71 0.75 0.00
NARROWS_GT1_1 24228	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT1_2 24229	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT1_3 24230	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT1_4 24231	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT1_5 24232	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT1_6 24233	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT1_7 24234	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT1_8 24235	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT2_1 24236	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00

NARROWS_GT2_2 24237	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT2_3 24238	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT2_4 24239	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT2_5 24240	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT2_6 24241	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT2_7 24242	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NARROWS_GT2_8 24243	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.15 -1.53 -60.60	32.50 -1.41 -60.39	32.61 -1.56 -62.79	31.05 -1.56 -61.01	28.52 -1.49 -56.13	34.93 -0.02 -35.45	47.26 -0.52 -56.53	38.98 -0.11 -40.97	28.60 0.29 -23.50	24.60 -0.19 -28.37	23.78 0.44 -13.81	23.95 1.03 -0.72	25.96 0.63 -11.49	25.75 1.12 -2.46	33.70 0.07 -32.26	33.34 0.65 -21.53	42.58 1.26 -22.08	42.65 1.26 -22.47	30.57 1.18 -11.16	29.19 1.70 0.00	27.21 1.54 0.00	24.06 1.30 0.00	26.41 1.29 0.00	28.15 1.20 0.00
NCHELSEA_115KV_TR2 355582	23.71 -1.57 -53.20	25.04 -1.50 -53.02	24.93 -1.58 -55.12	23.62 -1.55 -53.56	21.70 -1.45 -49.28	30.59 -0.03 -31.12	40.39 -0.50 -49.63	34.01 -0.12 -35.99	25.74 0.29 -20.65	21.12 -0.21 -24.92	22.26 0.60 -12.13	24.18 1.35 -0.63	24.82 0.88 -10.09	25.75 1.42 -2.16	30.08 0.09 -28.62	30.79 0.71 -18.91	39.89 1.25 -19.40	39.93 1.27 -19.74	29.26 1.22 -9.81	29.21 1.72 0.00	27.21 1.54 0.00	24.03 1.28 0.00	26.55 1.43 0.00	28.41 1.46 0.00
NEG CAPITAL___MECHNVIL 23645	35.88 -1.44 -65.23	37.20 -1.33 -65.01	37.52 -1.45 -67.59	35.86 -1.42 -65.68	32.93 -1.37 -60.43	37.64 -0.02 -38.16	51.63 -0.49 -60.86	42.25 -0.11 -44.22	30.46 0.28 -25.38	26.84 -0.20 -30.62	24.99 0.55 -14.90	24.26 1.28 -0.78	27.07 0.82 -12.41	26.15 1.33 -2.65	37.24 0.08 -35.79	35.05 0.65 -23.24	44.21 1.13 -23.84	44.31 1.13 -24.26	31.32 1.04 -12.05	29.01 1.52 0.00	27.05 1.39 0.00	23.90 1.15 0.00	26.35 1.23 0.00	28.15 1.20 0.00
NEG CENTRAL_HIGH_ACRES 23767	-15.49 0.46 -11.97	-15.54 0.38 -10.56	-17.77 0.38 -10.46	-22.95 0.34 -5.11	-61.09 0.28 35.25	6.45 0.00 -6.95	2.58 0.14 -11.18	6.33 0.03 -8.17	9.34 -0.11 -4.65	2.08 0.06 -5.61	12.04 -0.23 -2.73	21.88 -0.46 -0.14	15.78 -0.34 -2.27	22.21 -0.45 -0.49	7.79 -0.03 -6.45	15.20 -0.22 -4.26	23.22 -0.39 -4.38	22.89 -0.48 -4.45	19.88 -0.57 -2.21	26.59 -0.90 0.00	24.84 -0.82 0.00	21.97 -0.78 0.00	24.29 -0.83 0.00	26.24 -0.72 0.00
NEG CENTRAL___DRP 24199	-15.69 -0.18 -12.41	-14.44 -0.15 -12.19	-16.22 -0.21 -12.60	-17.06 -0.25 -11.58	-20.91 -0.23 -5.44	6.75 0.00 -7.25	2.75 -0.10 -11.59	6.59 -0.02 -8.48	9.68 0.05 -4.82	2.21 -0.02 -5.81	12.43 0.06 -2.83	22.49 0.14 -0.15	16.28 0.08 -2.36	22.86 0.19 -0.51	8.06 0.01 -6.69	15.69 0.11 -4.42	24.01 0.24 -4.53	23.73 0.20 -4.61	20.64 0.11 -2.29	27.60 0.11 0.00	25.68 0.02 0.00	22.72 -0.03 0.00	25.16 0.04 0.00	27.07 0.12 0.00
NEG CENTRAL___INDECK 23768	-13.39 -0.31 -14.84	-9.44 -0.33 -17.37	-10.02 -0.43 -19.03	-0.89 -0.52 -28.03	74.48 -0.51 -101.12	8.26 -0.02 -8.78	4.99 -0.13 -13.86	8.22 -0.02 -10.11	10.56 0.00 -5.76	3.34 -0.03 -6.95	12.98 0.06 -3.39	22.63 0.25 -0.18	16.71 0.04 -2.82	23.03 0.26 -0.60	9.37 0.02 -7.98	16.65 0.21 -5.27	25.10 0.46 -5.41	24.87 0.44 -5.51	21.28 0.31 -2.74	27.88 0.39 0.00	26.01 0.34 0.00	22.98 0.23 0.00	25.50 0.38 0.00	27.59 0.63 0.00
NEG CENTRAL___SENECA 23627	-15.02 -0.30 -13.20	-13.80 -0.24 -12.93	-15.59 -0.33 -13.35	-16.65 -0.38 -12.12	-22.07 -0.35 -4.40	7.20 -0.01 -7.71	3.45 -0.14 -12.33	7.12 -0.02 -9.01	10.00 0.07 -5.13	2.56 -0.04 -6.18	12.65 0.10 -3.01	22.61 0.25 -0.16	16.48 0.13 -2.51	23.00 0.29 -0.54	8.50 0.02 -7.11	16.03 0.17 -4.70	24.42 0.36 -4.82	24.13 0.31 -4.91	20.88 0.21 -2.44	27.74 0.26 0.00	25.81 0.14 0.00	22.79 0.04 0.00	25.26 0.14 0.00	27.20 0.24 0.00
NEG CENTRAL___STATE_STREET 24147	-15.96 -0.27 -12.22	-14.72 -0.25 -12.01	-16.49 -0.29 -12.42	-17.26 -0.31 -11.45	-20.79 -0.28 -5.62	6.63 0.00 -7.14	2.55 -0.12 -11.42	6.47 -0.02 -8.36	9.61 0.06 -4.74	2.11 -0.03 -5.72	12.41 0.08 -2.79	22.53 0.19 -0.15	16.32 0.16 -2.32	22.96 0.30 -0.50	7.97 0.02 -6.58	15.64 0.13 -4.35	24.02 0.32 -4.46	23.73 0.27 -4.54	20.69 0.20 -2.26	27.76 0.27 0.00	25.77 0.10 0.00	22.85 0.09 0.00	25.34 0.22 0.00	27.22 0.26 0.00

NEG MILLWOOD___DRP 24198	23.93 -1.66 -53.51	25.26 -1.58 -53.32	25.16 -1.66 -55.44	23.84 -1.63 -53.87	21.90 -1.53 -49.56	30.77 -0.03 -31.30	40.64 -0.54 -49.92	34.21 -0.12 -36.20	25.89 0.31 -20.77	21.25 -0.23 -25.06	22.38 0.65 -12.20	24.29 1.46 -0.64	24.95 0.95 -10.15	25.87 1.52 -2.17	30.25 0.09 -28.79	30.94 0.76 -19.02	40.09 1.34 -19.51	40.15 1.37 -19.86	29.42 1.32 -9.87	29.35 1.86 0.00	27.33 1.67 0.00	24.13 1.37 0.00	26.64 1.52 0.00	28.50 1.54 0.00
NEG NORTH_FLCN_SEA 23793	-24.58 1.88 -1.46	-22.58 1.89 -2.01	-24.60 1.94 -2.09	-23.85 2.52 -2.03	-21.91 2.35 -1.86	0.72 0.04 -1.18	-6.13 0.74 -1.88	-0.39 0.14 -1.34	5.24 -0.35 -0.78	-2.39 0.26 -0.94	9.29 -0.71 -0.46	20.47 -1.75 -0.02	12.82 -1.40 -0.38	20.24 -2.01 -0.08	-6.37 -0.13 7.61	7.76 -1.31 2.09	17.85 -2.12 -0.74	17.54 -2.12 -0.75	16.70 -1.90 -0.37	26.37 -1.12 0.00	25.73 0.07 0.00	22.61 -0.15 0.00	24.50 -0.62 0.00	26.72 -0.24 0.00
NEG NORTH_KES_CHATEGAY 23792	-24.10 2.29 -1.53	-22.22 2.19 -2.06	-24.17 2.30 -2.15	-23.46 2.85 -2.09	-21.58 2.63 -1.92	0.76 0.05 -1.21	-5.96 0.85 -1.93	-0.33 0.16 -1.38	5.20 -0.41 -0.80	-2.31 0.30 -0.97	9.16 -0.84 -0.47	20.17 -2.05 -0.02	12.67 -1.57 -0.39	19.97 -2.29 -0.08	-6.91 -0.15 8.13	7.51 -1.40 2.25	17.72 -2.28 -0.76	17.38 -2.31 -0.77	16.51 -2.11 -0.38	26.06 -1.43 0.00	25.46 -0.20 0.00	22.39 -0.36 0.00	24.24 -0.88 0.00	26.50 -0.46 0.00
NEG NORTH___ALICE_FALLS 23915	-24.56 1.88 -1.47	-22.57 1.89 -2.02	-24.58 1.95 -2.10	-23.83 2.53 -2.04	-21.91 2.34 -1.87	0.72 0.04 -1.19	-6.13 0.73 -1.88	-0.39 0.14 -1.34	5.25 -0.34 -0.79	-2.38 0.25 -0.95	9.29 -0.70 -0.46	20.48 -1.74 -0.02	12.83 -1.40 -0.38	20.26 -1.99 -0.08	-6.45 -0.13 7.69	7.75 -1.29 2.12	17.89 -2.08 -0.74	17.59 -2.08 -0.75	16.75 -1.86 -0.37	26.42 -1.06 0.00	25.79 0.12 0.00	22.65 -0.11 0.00	24.53 -0.59 0.00	26.76 -0.20 0.00
NEG NORTH___LWR_SARANAC 23913	-24.56 1.88 -1.47	-22.57 1.89 -2.02	-24.58 1.95 -2.10	-23.83 2.53 -2.04	-21.91 2.34 -1.87	0.72 0.04 -1.19	-6.13 0.73 -1.88	-0.39 0.14 -1.34	5.25 -0.34 -0.79	-2.38 0.25 -0.95	9.29 -0.70 -0.46	20.48 -1.74 -0.02	12.83 -1.40 -0.38	20.26 -1.99 -0.08	-6.45 -0.13 7.69	7.75 -1.29 2.12	17.89 -2.08 -0.74	17.59 -2.08 -0.75	16.75 -1.86 -0.37	26.42 -1.06 0.00	25.79 0.12 0.00	22.65 -0.11 0.00	24.53 -0.59 0.00	26.76 -0.20 0.00
NEG NORTH___PLATTSBURG 23628	-24.56 1.88 -1.47	-22.59 1.88 -2.02	-24.60 1.92 -2.10	-23.81 2.56 -2.04	-21.65 2.60 -1.87	0.72 0.04 -1.19	-6.13 0.73 -1.88	-0.39 0.14 -1.34	5.25 -0.34 -0.79	-2.38 0.25 -0.95	9.29 -0.71 -0.46	20.48 -1.74 -0.02	12.83 -1.40 -0.38	20.26 -1.99 -0.08	-6.45 -0.13 7.69	7.75 -1.29 2.12	17.89 -2.08 -0.74	17.59 -2.08 -0.75	16.75 -1.86 -0.37	26.42 -1.06 0.00	25.79 0.12 0.00	22.65 -0.11 0.00	24.53 -0.59 0.00	26.76 -0.20 0.00
NEG WEST_LEA_LOCKPORT 23791	-14.11 0.01 -13.79	-10.61 -0.15 -16.01	-11.35 -0.23 -17.49	-3.34 -0.31 -25.37	63.01 -0.27 -89.40	7.64 -0.02 -8.16	4.29 0.15 -12.88	7.59 0.06 -9.40	10.02 -0.14 -5.35	2.96 0.07 -6.46	12.39 -0.28 -3.13	21.83 -0.53 -0.16	15.84 -0.58 -2.58	22.00 -0.71 -0.55	8.59 -0.05 -7.27	15.60 -0.36 -4.80	23.55 -0.61 -4.93	23.10 -0.84 -5.01	19.78 -0.94 -2.49	26.11 -1.38 0.00	24.51 -1.16 0.00	21.63 -1.12 0.00	24.07 -1.05 0.00	26.25 -0.70 0.00
NEG WEST___LANCASTER 23811	-13.53 -0.35 -14.73	-9.92 -0.43 -16.99	-10.67 -0.58 -18.53	-2.62 -0.76 -26.53	64.78 -0.80 -91.70	8.19 -0.02 -8.71	4.96 -0.05 -13.76	8.18 0.01 -10.03	10.53 0.00 -5.72	3.32 0.00 -6.90	12.85 -0.04 -3.35	22.47 0.10 -0.17	16.54 -0.08 -2.77	22.87 0.10 -0.59	9.22 0.00 -7.85	16.37 0.02 -5.19	24.63 0.07 -5.32	24.18 -0.16 -5.41	20.64 -0.29 -2.69	27.22 -0.27 0.00	25.44 -0.23 0.00	22.49 -0.27 0.00	25.04 -0.08 0.00	27.22 0.26 0.00
NEG_PENN_ALLEGHNY 23528	-5.40 -0.48 -22.99	-3.50 -0.41 -23.39	-4.60 -0.47 -24.49	-3.36 -0.50 -25.54	10.68 -0.48 -37.28	12.96 -0.01 -13.47	12.56 -0.16 -21.46	13.72 -0.03 -15.61	13.82 0.09 -8.93	7.14 -0.04 -10.77	14.92 0.14 -5.24	22.84 0.37 -0.27	18.43 0.23 -4.36	23.50 0.40 -0.93	13.76 0.03 -12.36	19.54 0.21 -8.17	28.02 0.40 -8.38	27.80 0.35 -8.53	22.76 0.29 -4.24	27.90 0.42 0.00	25.96 0.30 0.00	23.01 0.26 0.00	25.49 0.37 0.00	27.42 0.46 0.00
NEG___GEN_MONROE 24207	-16.40 -0.95 -12.47	-14.88 -1.01 -12.60	-16.54 -1.10 -13.17	-16.07 -1.13 -13.46	-9.62 -1.05 -17.56	6.77 -0.03 -7.30	2.67 -0.24 -11.65	6.61 -0.04 -8.51	9.75 0.10 -4.84	2.17 -0.09 -5.84	12.46 0.06 -2.86	22.48 0.14 -0.15	16.14 -0.03 -2.33	22.76 0.09 -0.50	7.97 0.00 -6.60	15.56 0.03 -4.36	23.77 0.06 -4.48	23.38 -0.10 -4.55	20.28 -0.21 -2.26	27.15 -0.34 0.00	25.41 -0.26 0.00	22.44 -0.31 0.00	24.85 -0.27 0.00	26.91 -0.05 0.00
NEPA___ENERGY 23901	-13.31 -0.30 -14.91	-9.56 -0.23 -17.15	-10.33 -0.39 -18.68	-2.27 -0.48 -26.61	64.62 -0.44 -91.18	8.30 -0.01 -8.81	5.13 -0.05 -13.92	8.31 0.02 -10.15	10.59 0.00 -5.79	3.45 0.04 -6.99	12.84 -0.09 -3.39	22.27 -0.10 -0.18	16.54 -0.11 -2.81	22.77 0.00 -0.60	9.33 0.01 -7.95	16.44 0.03 -5.26	24.81 0.18 -5.39	24.36 -0.04 -5.49	20.74 -0.22 -2.73	27.30 -0.19 0.00	25.35 -0.31 0.00	22.46 -0.30 0.00	25.05 -0.06 0.00	27.25 0.30 0.00
NEVERSINK___HYD 23608	19.14 -1.42 -48.48	20.47 -1.36 -48.31	20.21 -1.40 -50.23	19.02 -1.39 -48.81	17.48 -1.30 -44.90	27.83 -0.03 -28.36	36.02 -0.47 -45.23	30.83 -0.11 -32.80	23.89 0.27 -18.82	18.96 -0.16 -22.71	21.05 0.46 -11.05	23.68 0.91 -0.58	23.29 0.24 -9.20	24.52 0.38 -1.97	27.47 0.02 -26.08	28.59 0.20 -17.23	37.30 0.38 -17.68	37.34 0.43 -17.99	27.59 0.42 -8.94	28.09 0.60 0.00	26.86 1.19 0.00	23.71 0.96 0.00	26.25 1.13 0.00	28.11 1.15 0.00
NEWKRMKL_115KV_TB1 55635	35.73 -0.46 -64.10	36.99 -0.41 -63.88	37.34 -0.46 -66.42	35.70 -0.44 -64.54	32.82 -0.44 -59.38	36.99 -0.01 -37.50	50.92 -0.14 -59.80	41.43 -0.03 -43.32	29.75 0.09 -24.86	26.35 -0.07 -30.00	24.34 0.20 -14.60	23.42 0.46 -0.76	26.30 0.30 -12.15	25.27 0.50 -2.60	35.39 0.03 -33.99	34.18 0.25 -22.77	43.02 0.43 -23.36	43.13 0.44 -23.77	30.45 0.41 -11.81	28.04 0.55 0.00	26.17 0.50 0.00	23.17 0.41 0.00	25.52 0.40 0.00	27.27 0.31 0.00
NEWTON___FALLS_HYD 23847	-22.57 2.04 -3.31	-20.85 2.03 -3.60	-22.83 2.04 -3.75	-22.64 2.12 -3.64	-20.56 2.22 -3.35	1.70 0.09 -2.12	-4.81 0.55 -3.39	0.77 0.13 -2.51	5.88 -0.33 -1.41	-1.64 0.25 -1.69	9.63 -0.73 -0.82	20.59 -1.66 -0.04	13.44 -1.09 -0.69	20.64 -1.68 -0.15	3.97 -0.10 -2.71	11.77 -0.92 -1.53	19.08 -1.47 -1.32	18.82 -1.45 -1.34	17.75 -1.15 -0.67	26.79 -0.69 0.00	25.28 -0.38 0.00	22.42 -0.33 0.00	24.48 -0.64 0.00	26.51 -0.44 0.00
NGRID_A1_DSASP 323792	-13.76 0.37 -13.78	-9.98 0.19 -16.31	-10.56 0.13 -17.93	-1.40 0.04 -26.96	73.99 0.00 -100.12	7.64 -0.02 -8.16	4.38 0.25 -12.87	7.65 0.13 -9.39	9.95 -0.20 -5.35	3.04 0.16 -6.45	12.12 -0.55 -3.13	21.16 -1.20 -0.16	15.52 -0.91 -2.59	21.51 -1.22 -0.55	8.62 -0.08 -7.33	15.39 -0.62 -4.85	23.14 -1.07 -4.97	22.68 -1.30 -5.06	19.37 -1.37 -2.51	25.46 -2.03 0.00	23.93 -1.74 0.00	21.11 -1.64 0.00	23.52 -1.60 0.00	25.77 -1.19 0.00

NGRID_A2_DSASP 323793	-13.76 0.37 -13.78	-9.98 0.19 -16.31	-10.56 0.13 -17.93	-1.40 0.04 -26.96	73.99 0.00 -100.12	7.64 -0.02 -8.16	4.38 0.25 -12.87	7.65 0.13 -9.39	9.95 -0.20 -5.35	3.04 0.16 -6.45	12.12 -0.55 -3.13	21.16 -1.20 -0.16	15.52 -0.91 -2.59	21.51 -1.22 -0.55	8.62 -0.08 -7.33	15.39 -0.62 -4.85	23.14 -1.07 -4.97	22.68 -1.30 -5.06	19.37 -1.37 -2.51	25.46 -2.03 0.00	23.93 -1.74 0.00	21.11 -1.64 0.00	23.52 -1.60 0.00	25.77 -1.19 0.00
NGRID_A4_DSASP 323807	-13.76 0.37 -13.78	-9.98 0.19 -16.31	-10.56 0.13 -17.93	-1.40 0.04 -26.96	73.99 0.00 -100.12	7.64 -0.02 -8.16	4.38 0.25 -12.87	7.65 0.13 -9.39	9.95 -0.20 -5.35	3.04 0.16 -6.45	12.12 -0.55 -3.13	21.16 -1.20 -0.16	15.52 -0.91 -2.59	21.51 -1.22 -0.55	8.62 -0.08 -7.33	15.39 -0.62 -4.85	23.14 -1.07 -4.97	22.68 -1.30 -5.06	19.37 -1.37 -2.51	25.46 -2.03 0.00	23.93 -1.74 0.00	21.11 -1.64 0.00	23.52 -1.60 0.00	25.77 -1.19 0.00
NIAGARA_115E_LBMP 323715	-13.75 0.32 -13.85	-10.12 0.13 -16.23	-10.77 0.07 -17.77	-2.19 -0.02 -26.23	68.62 -0.04 -94.79	7.69 -0.01 -8.19	4.51 0.31 -12.93	7.68 0.11 -9.44	9.96 -0.22 -5.38	3.06 0.15 -6.49	12.16 -0.52 -3.14	21.26 -1.10 -0.16	15.58 -0.86 -2.59	21.57 -1.15 -0.55	8.63 -0.07 -7.34	15.43 -0.58 -4.85	23.21 -1.00 -4.97	22.76 -1.22 -5.06	19.44 -1.30 -2.51	25.57 -1.92 0.00	24.03 -1.64 0.00	21.20 -1.56 0.00	23.61 -1.51 0.00	25.78 -1.18 0.00
NIAGARA_115W_LBMP 323714	-13.73 0.42 -13.77	-9.94 0.23 -16.31	-10.52 0.17 -17.93	-1.31 0.08 -27.01	74.43 0.04 -100.52	7.64 -0.02 -8.15	4.38 0.26 -12.85	7.65 0.14 -9.38	9.94 -0.21 -5.34	3.04 0.18 -6.45	12.09 -0.57 -3.12	21.09 -1.27 -0.16	15.48 -0.94 -2.58	21.44 -1.28 -0.55	8.61 -0.09 -7.33	15.35 -0.65 -4.84	23.08 -1.12 -4.97	22.63 -1.34 -5.05	19.32 -1.42 -2.51	25.39 -2.10 0.00	23.86 -1.81 0.00	21.05 -1.70 0.00	23.45 -1.67 0.00	25.71 -1.25 0.00
NIAGARA_230_LBMP 323716	-13.91 0.36 -13.65	-9.99 0.19 -16.30	-10.54 0.12 -17.95	-0.94 0.04 -27.42	77.78 -0.02 -103.92	7.57 -0.02 -8.09	4.23 0.23 -12.74	7.51 0.07 -9.30	9.90 -0.20 -5.30	2.92 0.11 -6.39	12.19 -0.45 -3.10	21.44 -0.92 -0.16	15.69 -0.72 -2.56	21.80 -0.92 -0.55	8.58 -0.06 -7.28	15.50 -0.47 -4.81	23.35 -0.82 -4.93	22.89 -1.05 -5.02	19.57 -1.16 -2.49	25.80 -1.69 0.00	24.23 -1.43 0.00	21.39 -1.36 0.00	23.80 -1.32 0.00	25.99 -0.97 0.00
NIAGARA__115KV_198_GIBSON 55903	-13.71 0.44 -13.77	-9.93 0.24 -16.31	-10.49 0.19 -17.93	-1.26 0.12 -27.01	74.53 0.14 -100.52	7.63 -0.02 -8.15	4.38 0.26 -12.85	7.65 0.14 -9.38	9.95 -0.20 -5.34	3.05 0.18 -6.45	12.08 -0.58 -3.12	21.11 -1.25 -0.16	15.48 -0.95 -2.58	21.44 -1.28 -0.55	8.61 -0.09 -7.33	15.35 -0.65 -4.84	23.07 -1.13 -4.97	22.62 -1.35 -5.05	19.32 -1.43 -2.51	25.39 -2.10 0.00	23.86 -1.81 0.00	21.06 -1.70 0.00	23.46 -1.66 0.00	25.71 -1.25 0.00
NIAGARA____ 23760	-13.75 0.36 -13.81	-10.01 0.19 -16.28	-10.64 0.12 -17.86	-1.61 0.04 -26.74	74.60 -0.02 -100.74	7.67 -0.02 -8.18	4.39 0.23 -12.91	7.61 0.07 -9.40	9.95 -0.20 -5.35	2.98 0.11 -6.45	12.21 -0.45 -3.12	21.44 -0.92 -0.16	15.70 -0.72 -2.58	21.80 -0.92 -0.55	8.62 -0.06 -7.31	15.52 -0.47 -4.83	23.37 -0.82 -4.95	22.90 -1.05 -5.04	19.58 -1.16 -2.50	25.80 -1.69 0.00	24.23 -1.43 0.00	21.39 -1.36 0.00	23.80 -1.32 0.00	25.99 -0.97 0.00
NINE_MILE_1 23575	-19.11 0.63 -8.18	-17.74 0.59 -8.15	-19.50 0.63 -8.48	-19.55 0.61 -8.24	-17.98 0.57 -7.58	4.30 0.01 -4.79	-0.91 0.19 -7.64	3.76 0.04 -5.59	7.87 -0.11 -3.18	0.33 0.08 -3.83	11.16 -0.24 -1.87	21.74 -0.56 -0.10	15.03 -0.36 -1.55	21.92 -0.59 -0.33	5.74 -0.03 -4.41	13.79 -0.28 -2.91	21.72 -0.50 -2.98	21.46 -0.50 -3.04	19.24 -0.50 -1.51	26.69 -0.80 0.00	24.90 -0.76 0.00	22.13 -0.63 0.00	24.44 -0.68 0.00	26.27 -0.69 0.00
NINE_MILE_2 23744	-19.13 0.63 -8.16	-17.77 0.59 -8.13	-19.53 0.63 -8.45	-19.58 0.61 -8.21	-18.01 0.56 -7.55	4.28 0.01 -4.77	-0.93 0.19 -7.62	3.75 0.04 -5.57	7.86 -0.11 -3.17	0.32 0.08 -3.82	11.16 -0.24 -1.86	21.74 -0.56 -0.10	15.03 -0.36 -1.55	21.92 -0.59 -0.33	5.72 -0.03 -4.39	13.78 -0.28 -2.90	21.72 -0.50 -2.98	21.45 -0.50 -3.03	19.24 -0.50 -1.50	26.69 -0.80 0.00	24.90 -0.76 0.00	22.13 -0.63 0.00	24.44 -0.68 0.00	26.27 -0.69 0.00
NM_CAPITAL____DRP 24208	35.49 -0.53 -63.94	36.76 -0.47 -63.71	37.10 -0.52 -66.24	35.46 -0.51 -64.36	32.59 -0.50 -59.22	36.89 -0.01 -37.40	50.74 -0.15 -59.64	41.30 -0.03 -43.20	29.69 0.09 -24.78	26.25 -0.07 -29.91	24.32 0.22 -14.56	23.46 0.50 -0.76	26.29 0.33 -12.12	25.30 0.54 -2.59	35.17 0.03 -33.77	34.12 0.26 -22.70	42.97 0.45 -23.29	43.08 0.46 -23.70	30.44 0.43 -11.77	28.07 0.59 0.00	26.21 0.55 0.00	23.22 0.46 0.00	25.57 0.45 0.00	27.32 0.36 0.00
NM_CENTRAL____DRP 24181	-17.84 0.07 -10.01	-16.42 0.08 -9.99	-18.17 0.07 -10.38	-18.26 0.05 -10.09	-16.80 0.05 -9.28	5.36 0.00 -5.86	0.64 0.00 -9.38	5.09 0.00 -6.95	8.69 -0.01 -3.89	1.12 0.01 -4.70	11.78 -0.04 -2.29	22.25 -0.07 -0.12	15.69 -0.06 -1.90	22.50 -0.08 -0.41	6.76 0.00 -5.39	14.71 -0.01 -3.57	22.85 -0.04 -3.66	22.59 -0.06 -3.72	19.99 -0.09 -1.85	27.26 -0.22 0.00	25.42 -0.24 0.00	22.56 -0.19 0.00	24.93 -0.19 0.00	26.79 -0.16 0.00
NM_FRONTIER____DRP 24179	-13.71 0.44 -13.77	-9.93 0.24 -16.31	-10.49 0.19 -17.93	-1.26 0.12 -27.01	74.53 0.14 -100.52	7.63 -0.02 -8.15	4.38 0.26 -12.85	7.65 0.14 -9.38	9.95 -0.20 -5.34	3.05 0.18 -6.45	12.08 -0.58 -3.12	21.11 -1.25 -0.16	15.48 -0.95 -2.58	21.44 -1.28 -0.55	8.61 -0.09 -7.33	15.35 -0.65 -4.84	23.07 -1.13 -4.97	22.62 -1.35 -5.05	19.32 -1.43 -2.51	25.39 -2.10 0.00	23.86 -1.81 0.00	21.06 -1.70 0.00	23.46 -1.66 0.00	25.71 -1.25 0.00
NM_ST_REGIS____HYD 24053	-23.61 2.16 -2.15	-21.87 2.00 -2.60	-23.79 2.12 -2.70	-23.27 2.50 -2.62	-21.37 2.34 -2.42	1.08 0.05 -1.53	-5.60 0.71 -2.43	0.04 0.14 -1.77	5.49 -0.33 -1.02	-2.10 0.26 -1.22	9.38 -0.75 -0.59	20.47 -1.76 -0.03	13.04 -1.30 -0.49	20.40 -1.88 -0.11	4.67 -0.12 -3.43	11.64 -1.10 -1.58	18.41 -1.77 -0.95	18.03 -1.85 -0.97	17.02 -1.69 -0.48	26.44 -1.05 0.00	25.55 -0.12 0.00	22.54 -0.21 0.00	24.50 -0.62 0.00	26.65 -0.31 0.00
NORTHPORT____1 23551	22.89 -1.84 -52.65	24.20 -1.78 -52.46	24.02 -1.91 -54.54	22.74 -1.86 -53.00	21.02 -1.62 -48.77	30.26 -0.03 -30.80	39.83 -0.54 -49.11	33.64 -0.12 -35.62	25.60 0.36 -20.44	20.82 -0.26 -24.66	22.31 0.77 -12.00	24.54 1.72 -0.63	24.96 1.13 -9.99	26.11 1.80 -2.14	29.80 0.11 -28.33	30.77 0.90 -18.72	39.89 1.46 -19.20	39.85 1.39 -19.54	29.40 1.46 -9.71	29.48 1.99 0.00	27.51 1.85 0.00	24.24 1.49 0.00	26.79 1.67 0.00	28.69 1.73 0.00
NORTHPORT____2 23552	22.89 -1.84 -52.65	24.20 -1.78 -52.46	24.02 -1.91 -54.54	22.74 -1.86 -53.00	21.02 -1.62 -48.77	30.26 -0.03 -30.80	39.83 -0.54 -49.11	33.64 -0.12 -35.62	25.60 0.36 -20.44	20.82 -0.26 -24.66	22.31 0.77 -12.00	24.54 1.72 -0.63	24.96 1.13 -9.99	26.11 1.80 -2.14	29.80 0.11 -28.33	30.77 0.90 -18.72	39.89 1.46 -19.20	39.85 1.39 -19.54	29.40 1.46 -9.71	29.48 1.99 0.00	27.51 1.85 0.00	24.24 1.49 0.00	26.79 1.67 0.00	28.69 1.73 0.00

NORTHPORT___3 23553	23.06 -1.67 -52.65	24.36 -1.62 -52.46	24.22 -1.71 -54.54	22.96 -1.64 -53.00	21.21 -1.43 -48.77	30.27 -0.03 -30.80	39.90 -0.47 -49.11	33.65 -0.10 -35.62	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.27 0.73 -12.00	24.44 1.61 -0.63	24.89 1.06 -9.99	25.99 1.68 -2.14	29.79 0.10 -28.33	30.70 0.83 -18.72	39.76 1.33 -19.20	39.73 1.27 -19.54	29.25 1.30 -9.71	29.27 1.79 0.00	27.30 1.63 0.00	24.06 1.36 0.05	26.63 1.52 0.00	28.52 1.56 0.00
NORTHPORT___4 23650	23.06 -1.67 -52.65	24.36 -1.62 -52.46	24.22 -1.71 -54.54	22.96 -1.64 -53.00	21.21 -1.43 -48.77	30.27 -0.03 -30.80	39.90 -0.47 -49.11	33.65 -0.10 -35.62	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.27 0.73 -12.00	24.44 1.61 -0.63	24.89 1.06 -9.99	25.99 1.68 -2.14	29.79 0.10 -28.33	30.70 0.83 -18.72	39.76 1.33 -19.20	39.73 1.27 -19.54	29.25 1.30 -9.71	29.27 1.79 0.00	27.30 1.63 0.00	24.06 1.36 0.05	26.63 1.52 0.00	28.52 1.56 0.00
NORTHPORT___IC 23718	22.89 -1.84 -52.65	24.20 -1.78 -52.46	24.02 -1.91 -54.54	22.74 -1.86 -53.00	21.02 -1.62 -48.77	30.26 -0.03 -30.80	39.83 -0.54 -49.11	33.64 -0.12 -35.62	25.60 0.36 -20.44	20.82 -0.26 -24.66	22.31 0.77 -12.00	24.54 1.72 -0.63	24.96 1.13 -9.99	26.11 1.80 -2.14	29.80 0.11 -28.33	30.77 0.90 -18.72	39.89 1.46 -19.20	39.85 1.39 -19.54	29.40 1.46 -9.71	29.48 1.99 0.00	27.51 1.85 0.00	24.24 1.49 0.00	26.79 1.67 0.00	28.69 1.73 0.00
NORTH___COUNTRY_ESR 323785	-24.09 2.29 -1.53	-22.23 2.18 -2.07	-24.19 2.28 -2.15	-23.43 2.88 -2.09	-21.33 2.88 -1.92	0.76 0.05 -1.21	-5.96 0.85 -1.93	-0.32 0.16 -1.38	5.20 -0.41 -0.80	-2.31 0.30 -0.97	9.16 -0.85 -0.47	20.17 -2.06 -0.02	12.67 -1.57 -0.39	19.96 -2.29 -0.08	-6.92 -0.14 8.14	7.50 -1.40 2.26	17.71 -2.28 -0.76	17.37 -2.32 -0.77	16.50 -2.11 -0.38	26.01 -1.48 0.00	25.39 -0.28 0.00	22.34 -0.42 0.00	24.22 -0.90 0.00	26.43 -0.53 0.00
NPX_GEN_1385_PROXY 323591	22.59 -1.69 -52.20	24.34 -1.64 -52.46	24.00 -1.93 -54.54	22.73 -1.88 -53.00	21.17 -1.48 -48.77	30.26 -0.03 -30.80	39.89 -0.48 -49.11	33.65 -0.10 -35.62	25.63 0.39 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.89 1.06 -9.99	26.07 1.64 -2.26	29.79 0.10 -28.33	30.70 0.83 -18.72	39.79 1.36 -19.20	39.58 1.13 -19.54	29.38 1.43 -9.71	29.30 1.81 0.00	27.52 1.78 -0.08	23.43 1.17 0.50	26.52 1.40 0.00	29.23 1.57 -0.70
NPX_GEN_CSC 323557	22.09 -2.19 -52.20	23.89 -2.09 -52.46	23.71 -2.22 -54.54	22.43 -2.17 -53.00	20.68 -1.96 -48.77	30.26 -0.04 -30.80	39.71 -0.67 -49.11	33.61 -0.15 -35.62	25.65 0.41 -20.44	20.78 -0.30 -24.66	22.41 0.87 -12.00	24.74 1.92 -0.63	25.07 1.24 -9.99	26.41 1.97 -2.26	29.82 0.13 -28.33	30.92 1.04 -18.72	40.11 1.67 -19.20	40.13 1.68 -19.54	29.63 1.69 -9.71	29.83 2.35 0.00	27.97 2.23 -0.08	25.15 1.91 -0.49	27.17 2.06 0.00	29.72 2.06 -0.70
NSINS_S_GLNS_FALLS 23858	35.92 -1.84 -65.67	37.24 -1.73 -65.45	37.58 -1.85 -68.05	35.92 -1.80 -66.12	32.91 -1.79 -60.83	37.88 -0.03 -38.42	51.85 -0.68 -61.27	42.47 -0.15 -44.49	30.71 0.37 -25.53	26.96 -0.26 -30.81	25.23 0.70 -14.99	24.57 1.59 -0.78	27.37 1.04 -12.48	26.51 1.67 -2.67	37.25 0.10 -35.79	35.29 0.75 -23.38	44.51 1.29 -23.99	44.61 1.28 -24.41	31.50 1.14 -12.12	29.25 1.76 0.00	27.25 1.59 0.00	24.08 1.32 0.00	26.68 1.56 0.00	28.48 1.52 0.00
NUCOR_STEEL___DRP 24197	-16.22 -0.23 -11.93	-14.99 -0.22 -11.71	-16.78 -0.26 -12.10	-17.61 -0.27 -11.06	-21.68 -0.26 -4.70	6.47 -0.01 -6.97	2.30 -0.11 -11.15	6.28 -0.02 -8.17	9.49 0.06 -4.63	1.98 -0.03 -5.59	12.33 0.07 -2.72	22.50 0.16 -0.14	16.26 0.15 -2.27	22.93 0.28 -0.49	7.81 0.01 -6.43	15.52 0.11 -4.25	23.90 0.30 -4.36	23.60 0.24 -4.44	20.62 0.18 -2.20	27.73 0.25 0.00	25.73 0.06 0.00	22.82 0.07 0.00	25.32 0.20 0.00	27.19 0.23 0.00
NUMBER_THREE_WT_PWR 323818	-22.28 1.52 -4.12	-20.53 1.71 -4.24	-22.68 1.53 -4.41	-22.80 1.32 -4.28	-20.34 1.85 -3.94	2.12 0.13 -2.49	-4.48 0.27 -3.99	1.23 0.10 -3.00	6.19 -0.27 -1.65	-1.40 0.19 -1.99	9.89 -0.61 -0.97	20.92 -1.33 -0.05	13.90 -0.76 -0.81	21.06 -1.28 -0.17	3.92 -0.08 -2.63	12.12 -0.67 -1.62	19.74 -1.05 -1.55	19.60 -0.90 -1.58	18.58 -0.43 -0.79	27.50 0.01 0.00	25.39 -0.28 0.00	22.60 -0.15 0.00	24.79 -0.33 0.00	26.76 -0.20 0.00
NYISO_LBMP_REFERENCE 24008	-27.92 0.00 0.00	-26.48 0.00 0.00	-28.62 0.00 0.00	-28.40 0.00 0.00	-26.12 0.00 0.00	-0.50 0.00 0.00	-8.74 0.00 0.00	-1.87 0.00 0.00	4.81 0.00 0.00	-3.58 0.00 0.00	9.54 0.00 0.00	22.20 0.00 0.00	13.84 0.00 0.00	22.17 0.00 0.00	1.37 0.00 0.00	11.16 0.00 0.00	19.24 0.00 0.00	18.92 0.00 0.00	18.23 0.00 0.00	27.49 0.00 0.00	25.67 0.00 0.00	22.76 0.00 0.00	25.12 0.00 0.00	26.96 0.00 0.00
NYPA_BRENTWD___GT 24164	22.49 -2.24 -52.65	23.85 -2.14 -52.46	23.66 -2.27 -54.54	22.38 -2.22 -53.00	20.66 -1.97 -48.77	30.26 -0.04 -30.80	39.69 -0.68 -49.11	33.60 -0.15 -35.62	25.66 0.43 -20.44	20.77 -0.31 -24.66	22.44 0.90 -12.00	24.78 1.95 -0.63	25.14 1.31 -9.99	26.41 2.10 -2.14	29.83 0.13 -28.33	30.97 1.09 -18.72	40.24 1.81 -19.20	40.23 1.77 -19.54	29.74 1.80 -9.71	30.00 2.51 0.00	27.98 2.31 0.00	24.74 1.88 -0.10	27.20 2.08 0.00	29.08 2.12 0.00
NYPA_GOWANUS___GT5 24156	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NYPA_GOWANUS___GT6 24157	23.02 -1.72 -52.66	24.33 -1.66 -52.47	24.23 -1.71 -54.55	22.94 -1.68 -53.01	21.06 -1.59 -48.78	30.26 -0.04 -30.80	39.85 -0.53 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.83 -0.25 -24.66	22.24 0.70 -12.00	24.43 1.61 -0.63	24.90 1.06 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.69 0.81 -18.72	39.85 1.42 -19.20	39.89 1.43 -19.54	29.34 1.40 -9.71	29.44 1.96 0.00	27.40 1.74 0.00	24.19 1.43 0.00	26.70 1.59 0.00	28.58 1.62 0.00
NYPA_HARLEM__RVR_GT1 24160	23.05 -1.69 -52.66	24.37 -1.62 -52.47	24.30 -1.64 -54.55	22.98 -1.63 -53.01	21.09 -1.56 -48.78	30.26 -0.04 -30.80	39.88 -0.50 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.03 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.78 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.32 1.66 0.00	24.10 1.35 0.00	26.60 1.48 0.00	28.47 1.52 0.00
NYPA_HARLEM__RVR_GT2 24161	23.05 -1.69 -52.66	24.37 -1.62 -52.47	24.30 -1.64 -54.55	22.98 -1.63 -53.01	21.09 -1.56 -48.78	30.26 -0.04 -30.80	39.88 -0.50 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.03 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.78 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.32 1.66 0.00	24.10 1.35 0.00	26.60 1.48 0.00	28.47 1.52 0.00

NYPA_KENT____GT 24152	23.05 -1.69 -52.66	24.36 -1.63 -52.47	24.27 -1.67 -54.55	22.96 -1.65 -53.01	21.08 -1.57 -48.78	30.26 -0.04 -30.80	39.86 -0.52 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.25 -24.66	22.24 0.70 -12.00	24.42 1.60 -0.63	24.90 1.06 -9.99	25.97 1.67 -2.14	29.79 0.10 -28.33	30.68 0.81 -18.72	39.84 1.40 -19.20	39.87 1.41 -19.54	29.33 1.38 -9.71	29.42 1.93 0.00	27.38 1.71 0.00	24.16 1.41 0.00	26.68 1.56 0.00	28.54 1.58 0.00
NYPA_POUCH1____GT 24155	22.98 -1.76 -52.66	24.30 -1.69 -52.47	24.20 -1.74 -54.55	22.91 -1.71 -53.01	21.03 -1.62 -48.78	30.27 -0.04 -30.80	39.84 -0.54 -49.12	33.63 -0.12 -35.63	25.57 0.33 -20.44	20.83 -0.25 -24.66	22.25 0.71 -12.00	24.46 1.63 -0.63	24.91 1.08 -9.99	26.01 1.70 -2.14	29.80 0.10 -28.33	30.70 0.82 -18.72	39.88 1.44 -19.20	39.91 1.45 -19.54	29.37 1.43 -9.71	29.49 2.00 0.00	27.45 1.78 0.00	24.22 1.46 0.00	26.74 1.62 0.00	28.62 1.66 0.00
NYPA_VERNON____GT2 24162	23.09 -1.65 -52.66	24.40 -1.59 -52.47	24.30 -1.64 -54.55	22.99 -1.62 -53.01	21.10 -1.55 -48.78	30.27 -0.03 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.25 -24.66	22.24 0.70 -12.00	24.42 1.60 -0.63	24.88 1.05 -9.99	25.96 1.65 -2.14	29.80 0.09 -28.33	30.68 0.80 -18.72	39.83 1.38 -19.20	39.87 1.40 -19.54	29.31 1.37 -9.71	29.40 1.91 0.00	27.35 1.69 0.00	24.14 1.39 0.00	26.64 1.52 0.00	28.51 1.55 0.00
NYPA_VERNON____GT3 24163	23.09 -1.65 -52.66	24.40 -1.59 -52.47	24.30 -1.64 -54.55	22.99 -1.62 -53.01	21.10 -1.55 -48.78	30.27 -0.03 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.25 -24.66	22.24 0.70 -12.00	24.42 1.60 -0.63	24.88 1.05 -9.99	25.96 1.65 -2.14	29.80 0.09 -28.33	30.68 0.80 -18.72	39.83 1.38 -19.20	39.87 1.40 -19.54	29.31 1.37 -9.71	29.40 1.91 0.00	27.35 1.69 0.00	24.14 1.39 0.00	26.64 1.52 0.00	28.51 1.55 0.00
NYPA____ASTORIA_CC1 323568	23.14 -1.60 -52.66	24.44 -1.56 -52.47	24.34 -1.60 -54.55	23.03 -1.58 -53.01	21.14 -1.51 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.65 -0.12 -35.63	25.55 0.31 -20.44	20.85 -0.24 -24.66	22.22 0.68 -12.00	24.38 1.55 -0.63	24.86 1.03 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.79 1.35 -19.20	39.82 1.36 -19.54	29.28 1.33 -9.71	29.34 1.86 0.00	27.31 1.64 0.00	24.09 1.34 0.00	26.59 1.47 0.00	28.46 1.50 0.00
NYPA____ASTORIA_CC2 323569	23.14 -1.60 -52.66	24.44 -1.56 -52.47	24.34 -1.60 -54.55	23.03 -1.58 -53.01	21.14 -1.51 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.65 -0.12 -35.63	25.55 0.31 -20.44	20.85 -0.24 -24.66	22.22 0.68 -12.00	24.38 1.55 -0.63	24.86 1.03 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.79 1.35 -19.20	39.82 1.36 -19.54	29.28 1.33 -9.71	29.34 1.86 0.00	27.31 1.64 0.00	24.09 1.34 0.00	26.59 1.47 0.00	28.46 1.50 0.00
NYPA____HOLTSVILL 23794	22.74 -1.99 -52.65	24.07 -1.92 -52.46	23.89 -2.03 -54.54	22.62 -1.99 -53.00	20.86 -1.78 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.62 0.38 -20.44	20.80 -0.28 -24.66	22.36 0.82 -12.00	24.63 1.81 -0.63	25.00 1.17 -9.99	26.18 1.87 -2.14	29.81 0.12 -28.33	30.84 0.96 -18.72	39.96 1.53 -19.20	39.97 1.52 -19.54	29.47 1.53 -9.71	29.61 2.13 0.00	27.70 2.03 0.00	25.46 1.71 -0.99	26.98 1.86 0.00	28.85 1.89 0.00
NYPA____HELLGATE_GT1 24158	23.05 -1.69 -52.66	24.37 -1.62 -52.47	24.30 -1.64 -54.55	22.98 -1.63 -53.01	21.09 -1.56 -48.78	30.26 -0.04 -30.80	39.88 -0.50 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.03 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.78 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.32 1.66 0.00	24.10 1.35 0.00	26.60 1.48 0.00	28.47 1.52 0.00
NYPA____HELLGATE_GT2 24159	23.05 -1.69 -52.66	24.37 -1.62 -52.47	24.30 -1.64 -54.55	22.98 -1.63 -53.01	21.09 -1.56 -48.78	30.26 -0.04 -30.80	39.88 -0.50 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.21 0.67 -12.00	24.38 1.56 -0.63	24.87 1.03 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.78 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.27 1.33 -9.71	29.37 1.88 0.00	27.32 1.66 0.00	24.10 1.35 0.00	26.60 1.48 0.00	28.47 1.52 0.00
NYS_BARGE____HYD 23848	-14.23 -0.07 -13.76	-10.76 -0.21 -15.93	-11.53 -0.31 -17.39	-3.71 -0.40 -25.09	61.22 -0.41 -87.75	7.61 -0.02 -8.14	4.25 0.14 -12.85	7.58 0.07 -9.37	10.01 -0.13 -5.34	2.94 0.07 -6.45	12.36 -0.29 -3.12	21.77 -0.58 -0.16	15.83 -0.58 -2.56	22.02 -0.70 -0.55	8.55 -0.05 -7.24	15.58 -0.36 -4.78	23.54 -0.60 -4.91	23.08 -0.82 -4.99	19.78 -0.94 -2.48	26.12 -1.37 0.00	24.52 -1.15 0.00	21.63 -1.12 0.00	24.07 -1.05 0.00	26.25 -0.70 0.00
OAK_ORCHARD____HYD 24046	-16.23 -0.73 -12.41	-14.87 -0.76 -12.37	-16.62 -0.87 -12.86	-16.80 -0.90 -12.50	-15.49 -0.86 -11.50	6.74 -0.02 -7.26	2.67 -0.17 -11.59	6.58 -0.02 -8.47	9.69 0.06 -4.82	2.16 -0.07 -5.81	12.38 -0.01 -2.85	22.28 -0.06 -0.15	16.03 -0.13 -2.32	22.60 -0.07 -0.50	7.94 -0.01 -6.57	15.46 -0.04 -4.34	23.62 -0.07 -4.46	23.24 -0.22 -4.53	20.16 -0.33 -2.25	26.97 -0.52 0.00	25.24 -0.42 0.00	22.31 -0.44 0.00	24.70 -0.42 0.00	26.73 -0.23 0.00
OAKDALE__35_KV_LOAD 356122	-5.42 -0.40 -22.89	-3.51 -0.34 -23.31	-4.60 -0.40 -24.42	-3.27 -0.44 -25.56	11.48 -0.39 -38.00	12.90 -0.01 -13.41	12.50 -0.12 -21.36	13.66 -0.02 -15.54	13.76 0.07 -8.88	7.11 -0.03 -10.72	14.87 0.11 -5.22	22.76 0.29 -0.27	18.36 0.18 -4.34	23.42 0.32 -0.93	13.70 0.02 -12.31	19.46 0.17 -8.13	27.90 0.32 -8.34	27.68 0.27 -8.49	22.67 0.22 -4.21	27.80 0.31 0.00	25.87 0.20 0.00	22.93 0.18 0.00	25.40 0.28 0.00	27.33 0.37 0.00
OCC_CHEM____DRP 24175	-13.74 0.40 -13.78	-9.96 0.20 -16.31	-10.54 0.15 -17.93	-1.36 0.08 -26.96	74.09 0.10 -100.12	7.64 -0.02 -8.16	4.37 0.25 -12.87	7.65 0.13 -9.39	9.96 -0.20 -5.35	3.04 0.17 -6.45	12.11 -0.55 -3.13	21.17 -1.19 -0.16	15.52 -0.91 -2.59	21.50 -1.22 -0.55	8.62 -0.08 -7.33	15.38 -0.62 -4.85	23.13 -1.08 -4.97	22.67 -1.31 -5.06	19.37 -1.38 -2.51	25.47 -2.02 0.00	23.93 -1.74 0.00	21.11 -1.64 0.00	23.52 -1.60 0.00	25.77 -1.19 0.00
OH_GEN_PROXY 24063	-14.39 0.36 -13.17	-9.97 0.19 -16.32	-10.49 0.13 -18.00	-0.72 0.04 -27.64	79.38 -0.03 -105.54	7.56 -0.01 -8.07	4.19 0.21 -12.72	7.49 0.07 -9.28	9.90 -0.19 -5.29	2.90 0.10 -6.38	12.22 -0.41 -3.09	21.53 -0.83 -0.16	15.75 -0.65 -2.56	22.02 -0.82 -0.67	8.58 -0.06 -7.27	15.54 -0.43 -4.81	23.41 -0.75 -4.93	22.96 -0.98 -5.02	19.64 -1.09 -2.49	25.91 -1.58 0.00	24.41 -1.33 -0.08	20.75 -1.27 0.74	23.89 -1.22 0.00	26.76 -0.89 -0.70
OLIN_CORP_DRP 24177	-13.70 0.33 -13.89	-10.05 0.14 -16.28	-10.69 0.09 -17.84	-2.03 0.01 -26.36	69.37 0.04 -95.46	7.71 -0.01 -8.22	4.52 0.30 -12.97	7.69 0.10 -9.46	9.98 -0.22 -5.39	3.06 0.14 -6.51	12.19 -0.50 -3.15	21.32 -1.04 -0.16	15.61 -0.84 -2.60	21.62 -1.11 -0.56	8.66 -0.07 -7.37	15.46 -0.56 -4.87	23.27 -0.96 -4.99	22.80 -1.19 -5.08	19.49 -1.27 -2.52	25.62 -1.86 0.00	24.08 -1.59 0.00	21.24 -1.51 0.00	23.66 -1.46 0.00	25.82 -1.14 0.00

OLIN_CORP_DSASP 323712	-13.76	-9.98	-10.56	-1.40	73.99	7.64	4.38	7.65	9.95	3.04	12.12	21.16	15.52	21.51	8.62	15.39	23.14	22.68	19.37	25.46	23.93	21.11	23.52	25.77
	0.37	0.19	0.13	0.04	0.00	-0.02	0.25	0.13	-0.20	0.16	-0.55	-1.20	-0.91	-1.22	-0.08	-0.62	-1.07	-1.30	-1.37	-2.03	-1.74	-1.64	-1.60	-1.19
	-13.78	-16.31	-17.93	-26.96	-100.12	-8.16	-12.87	-9.39	-5.35	-6.45	-3.13	-0.16	-2.59	-0.55	-7.33	-4.85	-4.97	-5.06	-2.51	0.00	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	-23.94	-22.36	-24.45	-24.42	-22.21	1.72	-5.26	0.80	6.21	-1.81	10.24	21.99	14.43	22.11	3.36	12.37	20.45	20.21	19.00	27.90	25.93	23.01	25.31	27.19
	0.32	0.41	0.31	0.23	0.47	0.05	-0.02	0.01	-0.04	0.03	-0.14	-0.25	-0.12	-0.22	-0.01	-0.11	-0.14	-0.09	0.08	0.41	0.27	0.25	0.19	0.24
	-3.66	-3.71	-3.85	-3.74	-3.44	-2.18	-3.50	-2.65	-1.44	-1.74	-0.85	-0.04	-0.71	-0.15	-2.00	-1.32	-1.36	-1.38	-0.69	0.00	0.00	0.00	0.00	0.00
ONEIDA___115KV_TB4 55905	-22.07	-20.59	-22.56	-22.54	-20.70	3.19	-2.96	3.03	7.35	-0.69	11.13	22.70	15.31	22.90	4.79	13.66	22.00	21.68	19.81	28.18	26.25	23.27	25.64	27.52
	-0.44	-0.40	-0.48	-0.49	-0.41	0.00	-0.22	-0.05	0.10	-0.06	0.16	0.43	0.27	0.47	0.03	0.26	0.46	0.42	0.42	0.69	0.59	0.51	0.52	0.57
	-6.28	-6.28	-6.53	-6.34	-5.84	-3.69	-6.00	-4.94	-2.45	-2.95	-1.44	-0.07	-1.20	-0.26	-3.39	-2.24	-2.30	-2.34	-1.16	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	-16.80	-15.37	-17.08	-17.21	-15.83	6.06	1.70	5.86	9.19	1.67	12.12	22.41	16.01	22.70	7.42	15.22	23.44	23.18	20.36	27.48	25.62	22.74	25.11	26.99
	-0.10	-0.08	-0.10	-0.12	-0.10	0.00	-0.06	-0.01	0.03	-0.01	0.02	0.08	0.04	0.07	0.01	0.06	0.11	0.09	0.05	0.00	-0.05	-0.02	0.00	0.03
	-11.22	-11.19	-11.63	-11.30	-10.40	-6.57	-10.50	-7.73	-4.36	-5.26	-2.56	-0.13	-2.13	-0.46	-6.04	-3.99	-4.10	-4.17	-2.07	0.00	0.00	0.00	0.00	0.00
ONONDAGA___COGEN 23986	-17.15	-15.73	-17.45	-17.56	-16.16	5.84	1.35	5.57	9.03	1.49	12.02	22.35	15.92	22.65	7.21	15.06	23.27	23.01	20.25	27.44	25.57	22.69	25.08	26.95
	-0.07	-0.06	-0.07	-0.09	-0.08	0.00	-0.05	-0.01	0.02	0.00	0.01	0.03	0.01	0.04	0.00	0.04	0.08	0.06	0.02	-0.04	-0.09	-0.06	-0.05	-0.01
	-10.83	-10.81	-11.23	-10.92	-10.04	-6.34	-10.14	-7.44	-4.21	-5.08	-2.47	-0.13	-2.06	-0.44	-5.84	-3.86	-3.96	-4.03	-2.00	0.00	0.00	0.00	0.00	0.00
ONTARIO___LFGE 23819	-15.01	-13.80	-15.59	-16.65	-22.09	7.20	3.45	7.12	10.00	2.56	12.65	22.61	16.48	23.00	8.50	16.03	24.42	24.13	20.88	27.74	25.81	22.79	25.26	27.21
	-0.30	-0.24	-0.32	-0.37	-0.37	-0.01	-0.14	-0.02	0.07	-0.04	0.10	0.25	0.13	0.29	0.02	0.17	0.36	0.31	0.21	0.26	0.14	0.04	0.14	0.25
	-13.20	-12.93	-13.35	-12.12	-4.40	-7.71	-12.33	-9.01	-5.13	-6.18	-3.01	-0.16	-2.51	-0.54	-7.11	-4.70	-4.82	-4.91	-2.44	0.00	0.00	0.00	0.00	0.00
ORANGEVILLE_WT_PWR 323706	-11.73	-8.36	-9.08	-1.89	58.48	8.61	5.94	8.73	10.62	3.79	12.70	21.63	16.10	21.97	9.58	16.31	24.43	24.14	20.49	26.54	24.81	21.99	24.56	26.67
	0.73	0.65	0.60	0.46	0.33	-0.01	0.25	0.07	-0.18	0.13	-0.36	-0.75	-0.66	-0.83	-0.04	-0.31	-0.40	-0.47	-0.58	-0.95	-0.85	-0.76	-0.56	-0.28
	-15.45	-17.47	-18.93	-26.04	-84.27	-9.12	-14.43	-10.52	-6.00	-7.24	-3.52	-0.18	-2.92	-0.62	-8.26	-5.45	-5.60	-5.70	-2.83	0.00	0.00	0.00	0.00	0.00
ORANGEVILLE___ESR 323794	-11.73	-8.36	-9.08	-1.89	58.48	8.61	5.94	8.73	10.62	3.79	12.70	21.63	16.10	21.97	9.58	16.31	24.43	24.14	20.49	26.54	24.81	21.99	24.56	26.67
	0.73	0.65	0.60	0.46	0.33	-0.01	0.25	0.07	-0.18	0.13	-0.36	-0.75	-0.66	-0.83	-0.04	-0.31	-0.40	-0.47	-0.58	-0.95	-0.85	-0.76	-0.56	-0.28
	-15.45	-17.47	-18.93	-26.04	-84.27	-9.12	-14.43	-10.52	-6.00	-7.24	-3.52	-0.18	-2.92	-0.62	-8.26	-5.45	-5.60	-5.70	-2.83	0.00	0.00	0.00	0.00	0.00
OSWEGATCHIE___HYD 24044	-22.57	-20.85	-22.84	-22.63	-20.44	1.70	-4.81	0.77	5.88	-1.64	9.63	20.59	13.44	20.64	3.97	11.77	19.08	18.82	17.75	26.79	25.28	22.42	24.48	26.52
	2.04	2.02	2.03	2.13	2.33	0.09	0.55	0.13	-0.33	0.25	-0.73	-1.65	-1.09	-1.68	-0.10	-0.92	-1.48	-1.45	-1.16	-0.69	-0.39	-0.33	-0.64	-0.44
	-3.31	-3.60	-3.75	-3.64	-3.35	-2.12	-3.39	-2.51	-1.41	-1.69	-0.82	-0.04	-0.69	-0.15	-2.71	-1.53	-1.32	-1.34	-0.67	0.00	0.00	0.00	0.00	0.00
OSWEGO___5 23606	-18.72	-17.34	-19.11	-19.17	-17.64	4.62	-0.44	4.14	8.12	0.58	11.36	21.90	15.24	22.11	6.05	14.08	22.09	21.81	19.48	26.89	25.09	22.29	24.61	26.46
	0.44	0.42	0.45	0.42	0.38	0.01	0.13	0.03	-0.08	0.06	-0.17	-0.39	-0.26	-0.42	-0.02	-0.19	-0.34	-0.35	-0.37	-0.59	-0.57	-0.47	-0.50	-0.49
	-8.75	-8.72	-9.07	-8.81	-8.10	-5.12	-8.17	-5.98	-3.40	-4.10	-2.00	-0.10	-1.66	-0.36	-4.71	-3.11	-3.19	-3.25	-1.61	0.00	0.00	0.00	0.00	0.00
OSWEGO___6 23613	-18.72	-17.34	-19.11	-19.17	-17.64	4.62	-0.44	4.14	8.12	0.58	11.36	21.90	15.24	22.11	6.05	14.08	22.09	21.81	19.48	26.89	25.09	22.29	24.61	26.46
	0.44	0.42	0.45	0.42	0.38	0.01	0.13	0.03	-0.08	0.06	-0.17	-0.39	-0.26	-0.42	-0.02	-0.19	-0.34	-0.35	-0.37	-0.59	-0.57	-0.47	-0.50	-0.49
	-8.75	-8.72	-9.07	-8.81	-8.10	-5.12	-8.17	-5.98	-3.40	-4.10	-2.00	-0.10	-1.66	-0.36	-4.71	-3.11	-3.19	-3.25	-1.61	0.00	0.00	0.00	0.00	0.00
OUTOKUMPU-AB___DRP 24206	-14.12	-10.46	-11.15	-2.62	67.86	7.73	4.36	7.70	10.13	3.01	12.46	21.91	15.98	22.21	8.73	15.78	23.82	23.35	19.99	26.37	24.73	21.82	24.27	26.48
	-0.16	-0.30	-0.40	-0.49	-0.42	-0.02	0.07	0.06	-0.09	0.06	-0.25	-0.45	-0.48	-0.52	-0.04	-0.27	-0.43	-0.67	-0.78	-1.12	-0.94	-0.94	-0.85	-0.47
	-13.96	-16.32	-17.86	-26.26	-94.40	-8.26	-13.03	-9.51	-5.42	-6.54	-3.17	-0.16	-2.61	-0.56	-7.40	-4.89	-5.02	-5.11	-2.54	0.00	0.00	0.00	0.00	0.00
OXBOW___ 24026	-14.03	-10.29	-10.94	-2.11	70.77	7.69	4.34	7.67	10.06	3.02	12.31	21.60	15.80	21.94	8.68	15.62	23.54	23.09	19.74	26.00	24.41	21.54	23.97	26.21
	0.02	-0.13	-0.22	-0.32	-0.33	-0.02	0.13	0.09	-0.13	0.10	-0.37	-0.76	-0.64	-0.79	-0.06	-0.40	-0.68	-0.91	-1.02	-1.49	-1.26	-1.22	-1.15	-0.75
	-13.87	-16.32	-17.89	-26.61	-97.23	-8.21	-12.95	-9.45	-5.38	-6.50	-3.15	-0.16	-2.60	-0.56	-7.37	-4.87	-4.99	-5.08	-2.52	0.00	0.00	0.00	0.00	0.00
OXY_CHEM_DSASP 323612	-13.74	-9.96	-10.54	-1.36	74.09	7.64	4.37	7.65	9.96	3.04	12.11	21.17	15.52	21.50	8.62	15.38	23.13	22.67	19.37	25.47	23.93	21.11	23.52	25.77
	0.40	0.20	0.15	0.08	0.10	-0.02	0.25	0.13	-0.20	0.17	-0.55	-1.19	-0.91	-1.22	-0.08	-0.62	-1.08	-1.31	-1.38	-2.02	-1.74	-1.64	-1.60	-1.19
	-13.78	-16.31	-17.93	-26.96	-100.12	-8.16	-12.87	-9.39	-5.35	-6.45	-3.13	-0.16	-2.59	-0.55	-7.33	-4.85	-4.97	-5.06	-2.51	0.00	0.00	0.00	0.00	0.00
OZONE_PARK_ESR 323760	22.89	24.22	24.10	22.80	20.94	30.27	39.79	33.62	25.59	20.81	22.31	24.57	24.98	26.12	29.80	30.77	39.97	40.02	29.45	29.61	27.56	24.32	26.84	28.70
	-1.85	-1.77	-1.83	-1.81	-1.71	-0.04	-0.59	-0.14	0.35	-0.27	0.77	1.75	1.15	1.81	0.11	0.89	1.53	1.56	1.51	2.13	1.90	1.56	1.72	1.75
	-52.65	-52.47	-54.55	-53.01	-48.77	-30.80	-49.12	-35.62	-20.44	-24.66	-12.00	-0.63	-9.99	-2.14	-28.33	-18.72	-19.20	-19.54	-9.71	0.00	0.00	0.00	0.00	0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	-13.74 0.40 -13.78	-9.96 0.20 -16.31	-10.54 0.15 -17.93	-1.36 0.08 -26.96	74.09 0.10 -100.12	7.64 -0.02 -8.16	4.37 0.25 -12.87	7.65 0.13 -9.39	9.96 -0.20 -5.35	3.04 0.17 -6.45	12.11 -0.55 -3.13	21.17 -1.19 -0.16	15.52 -0.91 -2.59	21.50 -1.22 -0.55	8.62 -0.08 -7.33	15.38 -0.62 -4.85	23.13 -1.08 -4.97	22.67 -1.31 -5.06	19.37 -1.38 -2.51	25.47 -2.02 0.00	23.93 -1.74 0.00	21.11 -1.64 0.00	23.52 -1.60 0.00	25.77 -1.19 0.00
PACKARD__115KV_DUPONT_184 80571	-13.74 0.40 -13.78	-9.96 0.20 -16.31	-10.54 0.15 -17.93	-1.36 0.08 -26.96	74.09 0.10 -100.12	7.64 -0.02 -8.16	4.37 0.25 -12.87	7.65 0.13 -9.39	9.96 -0.20 -5.35	3.04 0.17 -6.45	12.11 -0.55 -3.13	21.17 -1.19 -0.16	15.52 -0.91 -2.59	21.50 -1.22 -0.55	8.62 -0.08 -7.33	15.38 -0.62 -4.85	23.13 -1.08 -4.97	22.67 -1.31 -5.06	19.37 -1.38 -2.51	25.47 -2.02 0.00	23.93 -1.74 0.00	21.11 -1.64 0.00	23.52 -1.60 0.00	25.77 -1.19 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.08 -1.66 -52.66	24.41 -1.59 -52.47	24.32 -1.62 -54.55	23.00 -1.62 -53.01	21.10 -1.55 -48.78	30.26 -0.04 -30.80	39.88 -0.50 -49.12	33.64 -0.12 -35.63	25.56 0.31 -20.44	20.84 -0.24 -24.66	22.20 0.66 -12.00	24.36 1.54 -0.63	24.85 1.02 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.34 -19.54	29.27 1.32 -9.71	29.36 1.87 0.00	27.31 1.64 0.00	24.09 1.33 0.00	26.60 1.48 0.00	28.47 1.51 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.94 -1.80 -52.66	24.28 -1.71 -52.47	24.18 -1.75 -54.55	22.86 -1.75 -53.01	20.88 -1.77 -48.78	30.26 -0.05 -30.80	39.83 -0.55 -49.12	33.63 -0.13 -35.63	25.59 0.35 -20.44	20.82 -0.26 -24.66	22.24 0.70 -12.00	24.45 1.63 -0.63	24.91 1.07 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.70 0.82 -18.72	39.85 1.42 -19.20	39.90 1.44 -19.54	29.36 1.42 -9.71	29.46 1.97 0.00	27.41 1.74 0.00	24.18 1.42 0.00	26.69 1.57 0.00	28.59 1.63 0.00
PATROON__115KV_TB1 80586	35.83 -0.55 -64.29	37.09 -0.50 -64.07	37.45 -0.55 -66.61	35.79 -0.53 -64.72	32.90 -0.52 -59.55	37.10 -0.01 -37.61	51.06 -0.17 -59.97	41.55 -0.04 -43.45	29.84 0.11 -24.93	26.43 -0.08 -30.09	24.41 0.24 -14.64	23.50 0.54 -0.76	26.39 0.36 -12.19	25.36 0.58 -2.61	35.50 0.03 -34.10	34.29 0.29 -22.84	43.16 0.50 -23.42	43.26 0.50 -23.84	30.55 0.47 -11.84	28.13 0.64 0.00	26.25 0.58 0.00	23.25 0.49 0.00	25.60 0.48 0.00	27.35 0.39 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	-13.73 -0.33 -14.51	-10.08 -0.42 -16.82	-10.81 -0.55 -18.36	-2.58 -0.71 -26.53	66.15 -0.72 -92.99	8.06 -0.02 -8.58	4.77 -0.04 -13.55	8.03 0.01 -9.88	10.43 -0.01 -5.63	3.22 0.00 -6.80	12.77 -0.06 -3.30	22.40 0.03 -0.17	16.44 -0.13 -2.73	22.78 0.03 -0.58	9.09 0.00 -7.73	16.26 0.00 -5.11	24.51 0.04 -5.24	24.06 -0.19 -5.33	20.55 -0.33 -2.65	27.12 -0.36 0.00	25.36 -0.30 0.00	22.41 -0.35 0.00	24.94 -0.18 0.00	27.13 0.17 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.93 -1.66 -53.51	25.26 -1.58 -53.32	25.16 -1.66 -55.44	23.84 -1.63 -53.87	21.90 -1.53 -49.56	30.77 -0.03 -31.30	40.64 -0.54 -49.92	34.21 -0.12 -36.20	25.89 0.31 -20.77	21.25 -0.23 -25.06	22.38 0.65 -12.20	24.29 1.46 -0.64	24.95 0.95 -10.15	25.87 1.52 -2.17	30.25 0.09 -28.79	30.94 0.76 -19.02	40.09 1.34 -19.51	40.15 1.37 -19.86	29.42 1.32 -9.87	29.35 1.86 0.00	27.33 1.67 0.00	24.13 1.37 0.00	26.64 1.52 0.00	28.50 1.54 0.00
PEEKSKILL____ 23653	22.87 -1.46 -52.25	24.18 -1.41 -52.07	24.06 -1.46 -54.14	22.78 -1.43 -52.60	20.92 -1.34 -48.40	30.03 -0.03 -30.57	39.54 -0.46 -48.74	33.38 -0.11 -35.35	25.35 0.27 -20.28	20.69 -0.20 -24.47	22.03 0.58 -11.91	24.13 1.31 -0.62	24.63 0.87 -9.91	25.66 1.37 -2.12	29.56 0.08 -28.11	30.41 0.67 -18.57	39.46 1.17 -19.05	39.51 1.20 -19.39	29.02 1.15 -9.63	29.08 1.60 0.00	27.08 1.41 0.00	23.91 1.15 0.00	26.42 1.30 0.00	28.29 1.33 0.00
PGE MADISON__WINDPWR 24146	-7.66 -1.54 -21.80	-5.95 -1.52 -22.05	-7.26 -1.69 -23.04	-6.52 -1.71 -23.58	3.45 -1.52 -31.10	12.23 -0.04 -12.76	11.02 -0.59 -20.35	12.82 -0.13 -14.82	13.60 0.33 -8.46	6.45 -0.18 -10.21	15.06 0.55 -4.97	23.79 1.34 -0.26	18.79 0.81 -4.14	24.48 1.43 -0.88	13.20 0.11 -11.72	19.75 0.85 -7.75	28.76 1.58 -7.95	28.49 1.49 -8.09	23.58 1.33 -4.02	29.45 1.97 0.00	27.59 1.93 0.00	24.35 1.60 0.00	26.77 1.65 0.00	28.78 1.82 0.00
PIERCEFIELD__HYD 23852	-23.46 2.19 -2.26	-21.75 2.03 -2.70	-23.66 2.15 -2.80	-23.20 2.47 -2.73	-21.29 2.33 -2.51	1.14 0.06 -1.58	-5.52 0.70 -2.53	0.11 0.14 -1.84	5.53 -0.33 -1.05	-2.06 0.26 -1.27	9.40 -0.75 -0.62	20.49 -1.74 -0.03	13.09 -1.26 -0.51	20.45 -1.84 -0.11	3.81 -0.11 -2.56	11.42 -1.06 -1.32	18.52 -1.70 -0.99	18.13 -1.79 -1.00	17.09 -1.64 -0.50	26.45 -1.03 0.00	25.48 -0.18 0.00	22.51 -0.24 0.00	24.49 -0.63 0.00	26.61 -0.35 0.00
PINELAWN_CC_1 323563	22.75 -1.98 -52.65	24.10 -1.88 -52.46	23.95 -1.98 -54.54	22.68 -1.92 -53.00	20.91 -1.73 -48.77	30.26 -0.03 -30.80	39.77 -0.60 -49.11	33.62 -0.14 -35.62	25.61 0.37 -20.44	20.80 -0.27 -24.66	22.35 0.81 -12.00	24.60 1.77 -0.63	25.00 1.16 -9.99	26.16 1.85 -2.14	29.81 0.12 -28.33	30.84 0.97 -18.72	40.04 1.60 -19.20	40.05 1.59 -19.54	29.54 1.60 -9.71	29.72 2.24 0.00	27.71 2.05 0.00	24.48 1.68 -0.04	26.96 1.84 0.00	28.82 1.87 0.00
PJM_GEN_HTP_PROXY 323702	23.11 -1.59 -52.61	24.46 -1.53 -52.47	24.35 -1.58 -54.55	23.06 -1.55 -53.01	21.16 -1.48 -48.77	30.26 -0.04 -30.80	39.87 -0.51 -49.12	33.64 -0.11 -35.62	25.54 0.30 -20.44	21.65 -0.23 -25.46	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.00 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.76 1.33 -19.20	40.11 1.35 -19.84	29.25 1.31 -9.71	29.31 1.82 0.00	28.20 1.61 -0.93	23.57 1.31 0.50	26.58 1.46 0.00	28.43 1.47 0.00
PJM_GEN_KEystone 24065	6.05 -0.80 -34.77	8.46 -0.79 -35.73	8.06 -0.86 -37.54	11.06 -0.88 -40.34	40.62 -0.88 -67.63	19.88 -0.02 -20.40	23.52 -0.21 -32.47	35.81 -0.04 -37.72	18.41 0.10 -13.51	13.44 -0.07 -17.10	17.67 0.21 -7.93	23.14 0.52 -0.41	20.77 0.33 -6.59	24.19 0.61 -1.41	20.10 0.03 -18.70	23.79 0.27 -12.35	32.40 0.49 -12.67	32.55 0.43 -13.20	24.99 0.35 -6.41	27.99 0.50 0.00	26.99 0.40 -0.93	22.55 0.29 0.50	25.58 0.46 0.00	27.59 0.63 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.05 -1.64 -52.61	24.40 -1.58 -52.46	24.27 -1.65 -54.54	22.99 -1.61 -53.00	21.19 -1.45 -48.77	30.27 -0.03 -30.80	39.87 -0.50 -49.11	33.64 -0.11 -35.62	25.55 0.31 -20.44	21.64 -0.23 -25.46	22.23 0.69 -12.00	24.36 1.54 -0.63	24.84 1.01 -9.99	25.92 1.61 -2.14	29.79 0.10 -28.33	30.68 0.81 -18.72	39.78 1.34 -19.20	40.10 1.34 -19.84	29.29 1.34 -9.71	29.35 1.86 0.00	28.27 1.68 -0.93	23.63 1.37 0.50	26.64 1.52 0.00	28.50 1.54 0.00
PJM_GEN_VFT_PROXY 323633	23.21 -1.49 -52.62	24.55 -1.44 -52.47	24.45 -1.49 -54.55	23.15 -1.46 -53.01	21.25 -1.40 -48.77	30.27 -0.03 -30.80	39.91 -0.47 -49.12	33.65 -0.11 -35.62	25.53 0.28 -20.44	21.66 -0.22 -25.46	22.16 0.62 -12.00	24.23 1.41 -0.63	24.77 0.94 -9.99	25.79 1.48 -2.14	29.78 0.08 -28.33	30.58 0.71 -18.72	39.66 1.22 -19.20	40.01 1.25 -19.84	29.17 1.23 -9.71	29.18 1.69 0.00	28.08 1.49 -0.93	23.46 1.21 0.50	26.47 1.35 0.00	28.32 1.36 0.00

PLATSBRG_115KV_PMLD1 355749	-24.55 1.91 -1.46	-22.56 1.91 -2.01	-24.58 1.95 -2.09	-23.82 2.55 -2.03	-21.89 2.37 -1.86	0.72 0.04 -1.18	-6.12 0.75 -1.88	-0.39 0.15 -1.34	5.24 -0.35 -0.78	-2.38 0.26 -0.94	9.28 -0.72 -0.46	20.45 -1.77 -0.02	12.81 -1.42 -0.38	20.22 -2.03 -0.08	-6.37 -0.13 7.61	7.75 -1.32 2.09	17.83 -2.14 -0.74	17.52 -2.14 -0.75	16.68 -1.92 -0.37	26.34 -1.15 0.00	25.71 0.04 0.00	22.59 -0.17 0.00	24.48 -0.64 0.00	26.71 -0.25 0.00
PLEASANTVLY___LBMP 24000	25.86 -1.23 -55.02	27.16 -1.19 -54.82	27.15 -1.23 -57.00	25.80 -1.19 -55.38	23.71 -1.12 -50.96	31.66 -0.02 -32.18	42.20 -0.38 -51.32	35.26 -0.09 -37.22	26.38 0.22 -21.35	22.02 -0.17 -25.77	22.57 0.49 -12.54	23.97 1.12 -0.65	25.02 0.74 -10.44	25.57 1.16 -2.23	31.04 0.07 -29.60	31.29 0.57 -19.56	40.30 1.00 -20.06	40.35 1.01 -20.42	29.36 0.98 -10.14	28.85 1.36 0.00	26.88 1.22 0.00	23.76 1.00 0.00	26.24 1.12 0.00	28.08 1.13 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.11 -1.40 -53.42	25.41 -1.35 -53.24	25.33 -1.40 -55.35	24.02 -1.37 -53.79	22.07 -1.29 -49.49	30.72 -0.03 -31.25	40.66 -0.44 -49.84	34.18 -0.10 -36.15	25.80 0.26 -20.74	21.25 -0.20 -25.02	22.28 0.57 -12.18	24.12 1.28 -0.64	24.83 0.85 -10.14	25.68 1.34 -2.17	30.19 0.08 -28.75	30.81 0.66 -18.99	39.87 1.15 -19.48	39.91 1.16 -19.83	29.21 1.13 -9.85	29.06 1.57 0.00	27.07 1.40 0.00	23.90 1.15 0.00	26.40 1.29 0.00	28.26 1.30 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.11 -1.40 -53.42	25.41 -1.35 -53.24	25.33 -1.40 -55.35	24.02 -1.37 -53.79	22.07 -1.29 -49.49	30.72 -0.03 -31.25	40.66 -0.44 -49.84	34.18 -0.10 -36.15	25.80 0.26 -20.74	21.25 -0.20 -25.02	22.28 0.57 -12.18	24.12 1.28 -0.64	24.83 0.85 -10.14	25.68 1.34 -2.17	30.19 0.08 -28.75	30.81 0.66 -18.99	39.87 1.15 -19.48	39.91 1.16 -19.83	29.21 1.13 -9.85	29.06 1.57 0.00	27.07 1.40 0.00	23.90 1.15 0.00	26.40 1.29 0.00	28.26 1.30 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.57 -1.50 -53.99	25.90 -1.42 -53.80	25.83 -1.49 -55.94	24.50 -1.45 -54.35	22.52 -1.37 -50.01	31.05 -0.03 -31.59	41.15 -0.47 -50.37	34.55 -0.11 -36.53	26.04 0.28 -20.96	21.50 -0.20 -25.29	22.41 0.56 -12.31	24.11 1.27 -0.64	24.92 0.83 -10.24	25.71 1.35 -2.19	30.50 0.08 -29.05	31.03 0.67 -19.19	40.12 1.19 -19.69	40.17 1.21 -20.04	29.35 1.16 -9.96	29.13 1.64 0.00	27.15 1.48 0.00	23.98 1.22 0.00	26.47 1.35 0.00	28.32 1.36 0.00
POLETTI_____ 23519	23.23 -1.50 -52.65	24.54 -1.45 -52.47	24.43 -1.50 -54.55	23.13 -1.48 -53.01	21.23 -1.41 -48.77	30.27 -0.03 -30.80	39.90 -0.48 -49.12	33.65 -0.10 -35.62	25.53 0.29 -20.44	20.86 -0.22 -24.66	22.18 0.64 -12.00	24.28 1.46 -0.63	24.81 0.97 -9.99	25.84 1.53 -2.14	29.79 0.09 -28.33	30.62 0.74 -18.72	39.71 1.27 -19.20	39.74 1.28 -19.54	29.20 1.25 -9.71	29.25 1.76 0.00	27.22 1.55 0.00	24.01 1.26 0.00	26.51 1.39 0.00	28.35 1.40 0.00
POMONA____ESR 323819	21.58 -1.53 -51.02	22.88 -1.49 -50.85	22.71 -1.53 -52.87	21.46 -1.51 -51.37	19.72 -1.42 -47.26	29.32 -0.03 -29.85	38.38 -0.48 -47.60	32.55 -0.11 -34.52	24.88 0.27 -19.80	20.11 -0.21 -23.90	21.75 0.58 -11.63	24.12 1.32 -0.61	24.40 0.88 -9.68	25.64 1.39 -2.07	28.90 0.08 -27.46	29.98 0.68 -18.14	39.04 1.20 -18.61	39.09 1.23 -18.94	28.82 1.18 -9.41	29.12 1.64 0.00	27.11 1.44 0.00	23.93 1.18 0.00	26.46 1.34 0.00	28.34 1.38 0.00
PORT_JEFF_3 23555	22.75 -1.98 -52.65	24.06 -1.92 -52.46	23.88 -2.05 -54.54	22.61 -1.99 -53.00	20.85 -1.79 -48.77	30.26 -0.04 -30.80	39.78 -0.59 -49.11	33.63 -0.12 -35.62	25.62 0.38 -20.44	20.80 -0.27 -24.66	22.37 0.83 -12.00	24.64 1.82 -0.63	25.02 1.18 -9.99	26.20 1.88 -2.14	29.81 0.12 -28.33	30.82 0.94 -18.72	39.88 1.45 -19.20	39.90 1.44 -19.54	29.40 1.46 -9.71	29.51 2.03 0.00	27.67 2.00 0.00	25.47 1.71 -1.00	27.00 1.88 0.00	28.86 1.90 0.00
PORT_JEFF_4 23616	22.75 -1.98 -52.65	24.06 -1.92 -52.46	23.88 -2.05 -54.54	22.61 -1.99 -53.00	20.85 -1.79 -48.77	30.26 -0.04 -30.80	39.78 -0.59 -49.11	33.63 -0.12 -35.62	25.62 0.38 -20.44	20.80 -0.27 -24.66	22.37 0.83 -12.00	24.64 1.82 -0.63	25.02 1.18 -9.99	26.20 1.88 -2.14	29.81 0.12 -28.33	30.82 0.94 -18.72	39.88 1.45 -19.20	39.90 1.44 -19.54	29.40 1.46 -9.71	29.51 2.03 0.00	27.67 2.00 0.00	25.47 1.71 -1.00	27.00 1.88 0.00	28.86 1.90 0.00
PORT_JEFF_IC 23713	22.72 -2.02 -52.65	24.03 -1.95 -52.46	23.85 -2.08 -54.54	22.58 -2.02 -53.00	20.82 -1.82 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.63 0.39 -20.44	20.80 -0.28 -24.66	22.38 0.84 -12.00	24.67 1.85 -0.63	25.03 1.20 -9.99	26.22 1.92 -2.14	29.81 0.12 -28.33	30.84 0.96 -18.72	39.90 1.47 -19.20	39.91 1.46 -19.54	29.42 1.48 -9.71	29.53 2.04 0.00	27.72 2.06 0.00	25.57 1.76 -1.06	27.04 1.92 0.00	28.90 1.94 0.00
PPL PILGRIM_ST_GT1 24216	22.49 -2.24 -52.65	23.85 -2.14 -52.46	23.66 -2.27 -54.54	22.38 -2.22 -53.00	20.66 -1.97 -48.77	30.26 -0.04 -30.80	39.69 -0.68 -49.11	33.60 -0.15 -35.62	25.66 0.43 -20.44	20.77 -0.31 -24.66	22.44 0.90 -12.00	24.78 1.95 -0.63	25.14 1.31 -9.99	26.41 2.10 -2.14	29.83 0.13 -28.33	30.97 1.09 -18.72	40.24 1.81 -19.20	40.23 1.77 -19.54	29.74 1.80 -9.71	30.00 2.51 0.00	27.98 2.31 0.00	24.74 1.88 -0.10	27.20 2.08 0.00	29.08 2.12 0.00
PPL PILGRIM_ST_GT2 24217	22.49 -2.24 -52.65	23.85 -2.14 -52.46	23.66 -2.27 -54.54	22.38 -2.22 -53.00	20.66 -1.97 -48.77	30.26 -0.04 -30.80	39.69 -0.68 -49.11	33.60 -0.15 -35.62	25.66 0.43 -20.44	20.77 -0.31 -24.66	22.44 0.90 -12.00	24.78 1.95 -0.63	25.14 1.31 -9.99	26.41 2.10 -2.14	29.83 0.13 -28.33	30.97 1.09 -18.72	40.24 1.81 -19.20	40.23 1.77 -19.54	29.74 1.80 -9.71	30.00 2.51 0.00	27.98 2.31 0.00	24.74 1.88 -0.10	27.20 2.08 0.00	29.08 2.12 0.00
PPL_SHRM_GT3 24213	22.53 -2.20 -52.65	23.88 -2.10 -52.46	23.70 -2.23 -54.54	22.42 -2.18 -53.00	20.67 -1.97 -48.77	30.26 -0.04 -30.80	39.70 -0.67 -49.11	33.61 -0.15 -35.62	25.65 0.42 -20.44	20.78 -0.30 -24.66	22.41 0.87 -12.00	24.74 1.92 -0.63	25.06 1.23 -9.99	26.27 1.97 -2.14	29.82 0.13 -28.33	30.91 1.04 -18.72	40.11 1.67 -19.20	40.14 1.68 -19.54	29.63 1.69 -9.71	29.83 2.35 0.00	27.89 2.23 0.00	25.67 1.92 -1.00	27.18 2.06 0.00	29.03 2.07 0.00
PPL_SHRM_GT4 24214	22.53 -2.20 -52.65	23.88 -2.10 -52.46	23.70 -2.23 -54.54	22.42 -2.18 -53.00	20.67 -1.97 -48.77	30.26 -0.04 -30.80	39.70 -0.67 -49.11	33.61 -0.15 -35.62	25.65 0.42 -20.44	20.78 -0.30 -24.66	22.41 0.87 -12.00	24.74 1.92 -0.63	25.06 1.23 -9.99	26.27 1.97 -2.14	29.82 0.13 -28.33	30.91 1.04 -18.72	40.11 1.67 -19.20	40.14 1.68 -19.54	29.63 1.69 -9.71	29.83 2.35 0.00	27.89 2.23 0.00	25.67 1.92 -1.00	27.18 2.06 0.00	29.03 2.07 0.00
PROJECT___ORANGE I 24174	-17.75 0.06 -10.11	-16.34 0.05 -10.09	-18.08 0.05 -10.49	-18.18 0.03 -10.19	-16.73 0.03 -9.38	5.42 0.00 -5.92	0.72 0.00 -9.47	5.14 0.00 -7.01	8.73 0.00 -3.93	1.17 0.01 -4.74	11.81 -0.03 -2.31	22.26 -0.05 -0.12	15.72 -0.04 -1.92	22.52 -0.06 -0.41	6.81 0.00 -5.45	14.75 0.00 -3.60	22.91 -0.02 -3.69	22.64 -0.04 -3.76	20.02 -0.08 -1.87	27.29 -0.20 0.00	25.43 -0.23 0.00	22.58 -0.18 0.00	24.94 -0.18 0.00	26.81 -0.15 0.00

PROJECT___ORANGE 2 24166	-17.75 0.06 -10.11	-16.34 0.05 -10.09	-18.08 0.05 -10.49	-18.18 0.03 -10.19	-16.73 0.03 -9.38	5.42 0.00 -5.92	0.72 0.00 -9.47	5.14 0.00 -7.01	8.73 0.00 -3.93	1.17 0.01 -4.74	11.81 -0.03 -2.31	22.26 -0.05 -0.12	15.72 -0.04 -1.92	22.52 -0.06 -0.41	6.81 0.00 -5.45	14.75 0.00 -3.60	22.91 -0.02 -3.69	22.64 -0.04 -3.76	20.02 -0.08 -1.87	27.29 -0.20 0.00	25.43 -0.23 0.00	22.58 -0.18 0.00	24.94 -0.18 0.00	26.81 -0.15 0.00
PUCKETT___SOLAR 323809	-5.45 -0.80 -23.27	-3.59 -0.72 -23.62	-4.72 -0.81 -24.72	-3.64 -0.85 -25.60	9.19 -0.78 -36.09	13.11 -0.02 -13.63	12.71 -0.26 -21.71	13.88 -0.05 -15.80	13.98 0.15 -9.03	7.24 -0.07 -10.90	15.05 0.21 -5.30	23.02 0.55 -0.28	18.59 0.33 -4.41	23.72 0.61 -0.94	13.92 0.04 -12.51	19.77 0.35 -8.27	28.37 0.66 -8.48	28.16 0.61 -8.63	23.05 0.53 -4.29	28.27 0.78 0.00	26.30 0.63 0.00	23.29 0.54 0.00	25.76 0.64 0.00	27.70 0.74 0.00
PYRITES___HYD 24023	-23.92 1.83 -2.17	-22.21 1.64 -2.62	-24.14 1.75 -2.73	-23.66 2.09 -2.65	-21.74 1.95 -2.44	1.08 0.05 -1.54	-5.72 0.56 -2.46	0.03 0.11 -1.79	5.58 -0.24 -1.02	-2.15 0.20 -1.23	9.54 -0.60 -0.60	20.88 -1.35 -0.03	13.32 -1.02 -0.50	20.84 -1.44 -0.11	3.66 -0.09 -2.38	11.56 -0.85 -1.25	18.86 -1.33 -0.96	18.43 -1.46 -0.98	17.35 -1.37 -0.48	26.88 -0.60 0.00	25.94 0.28 0.00	22.89 0.13 0.00	24.88 -0.24 0.00	27.03 0.07 0.00
QUAKERRD_115KV_BK1 80622	-15.38 0.57 -11.97	-15.58 0.47 -10.43	-17.85 0.48 -10.28	-23.51 0.45 -4.44	-65.45 0.41 39.74	6.45 0.00 -6.94	2.62 0.18 -11.18	6.34 0.04 -8.17	9.31 -0.14 -4.65	2.10 0.07 -5.61	11.99 -0.28 -2.73	21.78 -0.56 -0.14	15.71 -0.41 -2.28	22.09 -0.57 -0.49	7.78 -0.04 -6.45	15.14 -0.28 -4.27	23.12 -0.49 -4.38	22.78 -0.59 -4.45	19.77 -0.67 -2.21	26.44 -1.05 0.00	24.71 -0.95 0.00	21.87 -0.89 0.00	24.19 -0.93 0.00	26.13 -0.83 0.00
QUENSBRY_115KV_TB8 356137	35.82 -1.96 -65.70	37.16 -1.82 -65.47	37.50 -1.95 -68.07	35.83 -1.91 -66.14	32.81 -1.91 -60.85	37.89 -0.04 -38.43	51.82 -0.73 -61.29	42.47 -0.17 -44.50	30.75 0.41 -25.54	26.95 -0.28 -30.82	25.29 0.76 -15.00	24.72 1.74 -0.78	27.46 1.13 -12.48	26.68 1.83 -2.67	37.26 0.11 -35.78	35.36 0.81 -23.39	44.64 1.41 -23.99	44.74 1.41 -24.42	31.60 1.24 -12.13	29.43 1.95 0.00	27.42 1.76 0.00	24.22 1.46 0.00	26.82 1.70 0.00	28.57 1.62 0.00
RAMAPO___LBMP 323565	21.62 -1.40 -50.94	22.91 -1.37 -50.76	22.74 -1.42 -52.77	21.49 -1.39 -51.28	19.75 -1.31 -47.18	29.27 -0.03 -29.80	38.33 -0.44 -47.52	32.49 -0.10 -34.46	24.82 0.25 -19.77	20.09 -0.19 -23.86	21.68 0.54 -11.61	23.99 1.19 -0.61	24.31 0.79 -9.66	25.51 1.27 -2.07	28.84 0.07 -27.41	29.89 0.62 -18.11	38.89 1.09 -18.57	38.94 1.12 -18.90	28.70 1.08 -9.39	28.98 1.49 0.00	26.97 1.31 0.00	23.82 1.06 0.00	26.34 1.22 0.00	28.23 1.27 0.00
RANKINE____ 23646	-13.60 -0.05 -14.37	-9.93 -0.16 -16.71	-10.61 -0.26 -18.26	-2.18 -0.36 -26.58	67.72 -0.34 -94.19	7.97 -0.02 -8.50	4.72 0.05 -13.41	7.95 0.03 -9.78	10.30 -0.08 -5.58	3.19 0.04 -6.73	12.61 -0.19 -3.27	22.07 -0.30 -0.17	16.19 -0.36 -2.70	22.42 -0.33 -0.58	8.99 -0.02 -7.65	16.07 -0.14 -5.05	24.23 -0.19 -5.18	23.79 -0.41 -5.27	20.31 -0.54 -2.62	26.73 -0.76 0.00	25.02 -0.65 0.00	22.11 -0.64 0.00	24.62 -0.50 0.00	26.79 -0.16 0.00
RAVENSWOOD_GT2_1 24244	23.15 -1.59 -52.66	24.46 -1.54 -52.47	24.35 -1.59 -54.55	23.05 -1.57 -53.01	21.16 -1.49 -48.78	30.27 -0.03 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.63	25.55 0.30 -20.44	20.85 -0.24 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.31 -9.71	29.32 1.83 0.00	27.29 1.62 0.00	24.08 1.32 0.00	26.58 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD_GT2_2 24245	23.15 -1.59 -52.66	24.46 -1.54 -52.47	24.35 -1.59 -54.55	23.05 -1.57 -53.01	21.16 -1.49 -48.78	30.27 -0.03 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.63	25.55 0.30 -20.44	20.85 -0.24 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.31 -9.71	29.32 1.83 0.00	27.29 1.62 0.00	24.08 1.32 0.00	26.58 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD_GT2_3 24246	23.13 -1.61 -52.66	24.45 -1.55 -52.47	24.33 -1.60 -54.55	23.03 -1.58 -53.01	21.15 -1.50 -48.78	30.27 -0.03 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.55 0.31 -20.44	20.85 -0.23 -24.66	22.22 0.68 -12.00	24.35 1.53 -0.63	24.85 1.01 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.78 1.34 -19.20	39.82 1.36 -19.54	29.26 1.32 -9.71	29.34 1.85 0.00	27.30 1.63 0.00	24.09 1.34 0.00	26.60 1.48 0.00	28.46 1.50 0.00
RAVENSWOOD_GT2_4 24247	23.13 -1.61 -52.66	24.45 -1.55 -52.47	24.33 -1.60 -54.55	23.03 -1.58 -53.01	21.15 -1.50 -48.78	30.27 -0.03 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.55 0.31 -20.44	20.85 -0.23 -24.66	22.22 0.68 -12.00	24.35 1.53 -0.63	24.85 1.01 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.66 0.78 -18.72	39.78 1.34 -19.20	39.82 1.36 -19.54	29.26 1.32 -9.71	29.34 1.85 0.00	27.30 1.63 0.00	24.09 1.34 0.00	26.60 1.48 0.00	28.46 1.50 0.00
RAVENSWOOD_GT3_1 24248	23.14 -1.60 -52.66	24.46 -1.54 -52.47	24.35 -1.59 -54.55	23.05 -1.57 -53.01	21.16 -1.49 -48.78	30.27 -0.03 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.63	25.55 0.30 -20.44	20.85 -0.24 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.31 -9.71	29.32 1.83 0.00	27.29 1.62 0.00	24.08 1.32 0.00	26.59 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD_GT3_2 24249	23.14 -1.60 -52.66	24.46 -1.54 -52.47	24.35 -1.59 -54.55	23.05 -1.57 -53.01	21.16 -1.49 -48.78	30.27 -0.03 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.63	25.55 0.30 -20.44	20.85 -0.24 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.31 -9.71	29.32 1.83 0.00	27.29 1.62 0.00	24.08 1.32 0.00	26.59 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD_GT3_3 24250	23.11 -1.63 -52.66	24.42 -1.57 -52.47	24.31 -1.63 -54.55	23.01 -1.61 -53.01	21.13 -1.52 -48.78	30.27 -0.03 -30.80	39.86 -0.52 -49.12	33.64 -0.12 -35.63	25.56 0.31 -20.44	20.84 -0.24 -24.66	22.23 0.69 -12.00	24.38 1.56 -0.63	24.87 1.03 -9.99	25.94 1.63 -2.14	29.79 0.09 -28.33	30.67 0.79 -18.72	39.81 1.37 -19.20	39.85 1.39 -19.54	29.29 1.35 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.12 1.36 0.00	26.63 1.51 0.00	28.49 1.53 0.00
RAVENSWOOD_GT3_4 24251	23.11 -1.63 -52.66	24.42 -1.57 -52.47	24.31 -1.63 -54.55	23.01 -1.61 -53.01	21.13 -1.52 -48.78	30.27 -0.03 -30.80	39.86 -0.52 -49.12	33.64 -0.12 -35.63	25.56 0.31 -20.44	20.84 -0.24 -24.66	22.23 0.69 -12.00	24.38 1.56 -0.63	24.87 1.03 -9.99	25.94 1.63 -2.14	29.79 0.09 -28.33	30.67 0.79 -18.72	39.81 1.37 -19.20	39.85 1.39 -19.54	29.29 1.35 -9.71	29.37 1.88 0.00	27.33 1.66 0.00	24.12 1.36 0.00	26.63 1.51 0.00	28.49 1.53 0.00

RAVENSWOOD_GT_1 23729	23.09 -1.65 -52.66	24.40 -1.59 -52.47	24.29 -1.65 -54.55	22.99 -1.63 -53.01	21.10 -1.55 -48.78	30.27 -0.03 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.56 0.32 -20.44	20.84 -0.25 -24.66	22.24 0.70 -12.00	24.41 1.59 -0.63	24.88 1.05 -9.99	25.96 1.65 -2.14	29.80 0.09 -28.33	30.68 0.80 -18.72	39.82 1.38 -19.20	39.86 1.40 -19.54	29.31 1.37 -9.71	29.40 1.91 0.00	27.35 1.69 0.00	24.14 1.38 0.00	26.64 1.52 0.00	28.51 1.56 0.00
RAVENSWOOD_GT_10 24258	23.14 -1.60 -52.66	24.46 -1.54 -52.47	24.34 -1.60 -54.55	23.05 -1.57 -53.01	21.16 -1.49 -48.78	30.27 -0.03 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.63	25.55 0.30 -20.44	20.85 -0.24 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.31 -9.71	29.32 1.83 0.00	27.29 1.62 0.00	24.08 1.32 0.00	26.59 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD_GT_11 24259	23.14 -1.60 -52.66	24.46 -1.54 -52.47	24.34 -1.60 -54.55	23.05 -1.57 -53.01	21.16 -1.49 -48.78	30.27 -0.03 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.63	25.55 0.30 -20.44	20.85 -0.24 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.31 -9.71	29.32 1.83 0.00	27.29 1.62 0.00	24.08 1.32 0.00	26.59 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD_GT_4 24252	23.13 -1.61 -52.66	24.45 -1.54 -52.47	24.33 -1.60 -54.55	23.04 -1.57 -53.01	21.15 -1.50 -48.78	30.27 -0.03 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.51 -0.63	24.84 1.01 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.32 -9.71	29.32 1.83 0.00	27.29 1.63 0.00	24.08 1.33 0.00	26.59 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD_GT_5 24254	23.13 -1.61 -52.66	24.45 -1.54 -52.47	24.33 -1.60 -54.55	23.04 -1.57 -53.01	21.15 -1.50 -48.78	30.27 -0.03 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.51 -0.63	24.84 1.01 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.32 -9.71	29.32 1.83 0.00	27.29 1.63 0.00	24.08 1.33 0.00	26.59 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD_GT_6 24253	23.13 -1.61 -52.66	24.45 -1.54 -52.47	24.33 -1.60 -54.55	23.04 -1.57 -53.01	21.15 -1.50 -48.78	30.27 -0.03 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.51 -0.63	24.84 1.01 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.32 -9.71	29.32 1.83 0.00	27.29 1.63 0.00	24.08 1.33 0.00	26.59 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD_GT_7 24255	23.13 -1.61 -52.66	24.45 -1.54 -52.47	24.33 -1.60 -54.55	23.04 -1.57 -53.01	21.15 -1.50 -48.78	30.27 -0.03 -30.80	39.87 -0.51 -49.12	33.64 -0.12 -35.63	25.55 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.51 -0.63	24.84 1.01 -9.99	25.90 1.59 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.32 -9.71	29.32 1.83 0.00	27.29 1.63 0.00	24.08 1.33 0.00	26.59 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.14 -1.60 -52.66	24.46 -1.54 -52.47	24.34 -1.60 -54.55	23.05 -1.57 -53.01	21.16 -1.49 -48.78	30.27 -0.03 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.63	25.55 0.30 -20.44	20.85 -0.24 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.31 -9.71	29.32 1.83 0.00	27.29 1.62 0.00	24.08 1.32 0.00	26.59 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD_GT_9 24257	23.14 -1.60 -52.66	24.46 -1.54 -52.47	24.34 -1.60 -54.55	23.05 -1.57 -53.01	21.16 -1.49 -48.78	30.27 -0.03 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.63	25.55 0.30 -20.44	20.85 -0.24 -24.66	22.21 0.67 -12.00	24.34 1.52 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.31 -9.71	29.32 1.83 0.00	27.29 1.62 0.00	24.08 1.32 0.00	26.59 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD___1 23533	23.15 -1.59 -52.66	24.46 -1.54 -52.47	24.35 -1.59 -54.55	23.05 -1.56 -53.01	21.16 -1.49 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.64 -0.12 -35.63	25.55 0.31 -20.44	20.85 -0.24 -24.66	22.22 0.68 -12.00	24.37 1.55 -0.63	24.86 1.02 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.78 1.34 -19.20	39.82 1.36 -19.54	29.26 1.32 -9.71	29.33 1.84 0.00	27.30 1.63 0.00	24.09 1.34 0.00	26.59 1.47 0.00	28.46 1.50 0.00
RAVENSWOOD___2 23534	23.15 -1.59 -52.66	24.46 -1.54 -52.47	24.35 -1.59 -54.55	23.05 -1.56 -53.01	21.16 -1.49 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.64 -0.12 -35.63	25.55 0.31 -20.44	20.85 -0.24 -24.66	22.22 0.68 -12.00	24.37 1.55 -0.63	24.86 1.02 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.78 1.34 -19.20	39.82 1.36 -19.54	29.26 1.32 -9.71	29.33 1.84 0.00	27.30 1.63 0.00	24.09 1.34 0.00	26.59 1.47 0.00	28.46 1.50 0.00
RAVENSWOOD___3 23535	23.14 -1.60 -52.66	24.45 -1.54 -52.47	24.34 -1.60 -54.55	23.05 -1.57 -53.01	21.16 -1.49 -48.78	30.27 -0.03 -30.80	39.87 -0.50 -49.12	33.64 -0.11 -35.63	25.54 0.30 -20.44	20.85 -0.24 -24.66	22.21 0.67 -12.00	24.35 1.53 -0.63	24.84 1.01 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.77 1.33 -19.20	39.81 1.35 -19.54	29.26 1.32 -9.71	29.32 1.83 0.00	27.29 1.62 0.00	24.08 1.33 0.00	26.59 1.47 0.00	28.44 1.49 0.00
RAVENSWOOD___4 23820	23.15 -1.59 -52.66	24.46 -1.54 -52.47	24.35 -1.59 -54.55	23.05 -1.56 -53.01	21.16 -1.49 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.64 -0.12 -35.63	25.55 0.31 -20.44	20.85 -0.24 -24.66	22.22 0.68 -12.00	24.37 1.55 -0.63	24.86 1.02 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.78 1.34 -19.20	39.82 1.36 -19.54	29.26 1.32 -9.71	29.33 1.84 0.00	27.30 1.63 0.00	24.09 1.34 0.00	26.59 1.47 0.00	28.46 1.50 0.00
RCPI_TRUST___DRP 24196	23.13 -1.61 -52.65	24.43 -1.56 -52.47	24.31 -1.63 -54.55	23.00 -1.61 -53.01	21.11 -1.53 -48.77	30.27 -0.03 -30.80	39.85 -0.53 -49.12	33.63 -0.12 -35.62	25.56 0.32 -20.44	20.84 -0.24 -24.66	22.24 0.70 -12.00	24.41 1.58 -0.63	24.89 1.05 -9.99	25.96 1.66 -2.14	29.79 0.09 -28.33	30.68 0.80 -18.72	39.82 1.38 -19.20	39.86 1.40 -19.54	29.30 1.36 -9.71	29.38 1.90 0.00	27.34 1.67 0.00	24.12 1.36 0.00	26.63 1.51 0.00	28.49 1.53 0.00
RED___ROCHESTER 323720	-15.92 -0.13 -12.13	-10.45 -0.20 -16.23	-10.44 -0.25 -18.42	4.53 -0.29 -33.22	125.00 -0.30 -151.43	6.74 -0.01 -7.26	2.57 -0.01 -11.33	6.41 0.01 -8.27	9.48 -0.04 -4.71	2.09 -0.01 -5.68	12.25 -0.05 -2.77	22.41 0.07 -0.14	16.11 -0.04 -2.31	22.73 0.06 -0.50	7.93 0.00 -6.56	15.52 0.03 -4.33	23.73 0.05 -4.45	23.34 -0.10 -4.52	20.28 -0.21 -2.25	27.15 -0.34 0.00	25.40 -0.27 0.00	22.45 -0.31 0.00	24.84 -0.28 0.00	26.87 -0.09 0.00

REGAN___SOLAR 323812	46.44 -1.80 -76.15	47.69 -1.72 -75.89	48.47 -1.81 -78.90	46.49 -1.78 -76.67	42.72 -1.70 -70.54	44.02 -0.03 -44.55	61.66 -0.64 -71.04	49.53 -0.13 -51.53	34.72 0.34 -29.57	31.87 -0.23 -35.68	27.46 0.55 -17.37	24.31 1.20 -0.91	29.00 0.70 -14.45	26.50 1.23 -3.09	42.46 0.10 -40.99	39.12 0.88 -27.08	48.58 1.57 -27.78	48.70 1.51 -28.27	33.73 1.46 -14.04	29.66 2.17 0.00	27.52 1.85 0.00	24.40 1.64 0.00	26.76 1.64 0.00	28.67 1.71 0.00
RENSSELAER___COGEN 23796	35.37 -0.41 -63.70	36.63 -0.37 -63.48	36.97 -0.40 -66.00	35.33 -0.40 -64.13	32.48 -0.39 -59.00	36.76 -0.01 -37.26	50.55 -0.12 -59.42	41.15 -0.03 -43.04	29.58 0.08 -24.70	26.16 -0.06 -29.80	24.22 0.18 -14.51	23.35 0.40 -0.76	26.18 0.26 -12.07	25.19 0.44 -2.58	35.09 0.02 -33.70	33.99 0.22 -22.62	42.81 0.37 -23.20	42.92 0.39 -23.61	30.34 0.38 -11.73	27.97 0.48 0.00	26.12 0.45 0.00	23.13 0.37 0.00	25.48 0.35 0.00	27.21 0.26 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.03 -2.72 -65.66	36.54 -2.41 -65.44	36.83 -2.58 -68.03	35.19 -2.52 -66.11	32.09 -2.60 -60.82	37.86 -0.05 -38.41	51.47 -1.04 -61.26	42.37 -0.24 -44.48	30.91 0.58 -25.53	26.83 -0.39 -30.80	25.59 1.07 -14.99	25.50 2.52 -0.78	27.96 1.63 -12.48	27.55 2.71 -2.67	37.31 0.16 -35.79	35.74 1.20 -23.38	45.38 2.17 -23.98	45.47 2.15 -24.40	32.21 1.85 -12.12	30.60 3.12 0.00	28.53 2.86 0.00	25.19 2.44 0.00	27.69 2.57 0.00	29.23 2.27 0.00
REVERE_CPPR_DRP 24186	-22.90 -0.44 -5.46	-21.38 -0.38 -5.47	-23.40 -0.48 -5.69	-23.38 -0.51 -5.53	-21.40 -0.36 -5.09	2.73 0.02 -3.21	-3.77 -0.25 -5.22	2.30 -0.05 -4.22	7.04 0.11 -2.13	-1.07 -0.07 -2.57	10.90 0.11 -1.25	22.69 0.43 -0.06	15.17 0.29 -1.04	22.89 0.49 -0.22	4.36 0.03 -2.96	13.38 0.27 -1.95	21.73 0.49 -2.00	21.43 0.47 -2.04	19.76 0.51 -1.01	28.39 0.90 0.00	26.42 0.75 0.00	23.41 0.65 0.00	25.77 0.65 0.00	27.65 0.69 0.00
REYNOLDS_115KV_TB3 80639	35.25 -0.62 -63.79	36.53 -0.56 -63.57	36.85 -0.62 -66.09	35.23 -0.60 -64.22	32.37 -0.59 -59.09	36.81 -0.01 -37.32	50.58 -0.18 -59.50	41.18 -0.04 -43.08	29.63 0.10 -24.72	26.17 -0.08 -29.83	24.30 0.24 -14.52	23.52 0.56 -0.76	26.29 0.36 -12.09	25.35 0.59 -2.59	34.98 0.03 -33.58	34.09 0.28 -22.64	42.95 0.49 -23.23	43.06 0.50 -23.64	30.44 0.47 -11.74	28.14 0.65 0.00	26.28 0.61 0.00	23.29 0.53 0.00	25.65 0.53 0.00	27.40 0.44 0.00
RIVERBAY____ 323610	22.94 -1.80 -52.66	24.28 -1.71 -52.47	24.18 -1.75 -54.55	22.86 -1.75 -53.01	20.88 -1.77 -48.78	30.26 -0.05 -30.80	39.83 -0.55 -49.12	33.63 -0.13 -35.63	25.59 0.35 -20.44	20.82 -0.26 -24.66	22.24 0.70 -12.00	24.45 1.63 -0.63	24.91 1.07 -9.99	25.98 1.67 -2.14	29.79 0.10 -28.33	30.70 0.82 -18.72	39.85 1.42 -19.20	39.90 1.44 -19.54	29.36 1.42 -9.71	29.46 1.97 0.00	27.41 1.74 0.00	24.18 1.42 0.00	26.69 1.57 0.00	28.59 1.63 0.00
RIVERSDE_115KV_TB3 55908	35.49 -0.53 -63.94	36.76 -0.47 -63.71	37.10 -0.52 -66.24	35.46 -0.51 -64.36	32.59 -0.50 -59.22	36.89 -0.01 -37.40	50.74 -0.15 -59.64	41.30 -0.03 -43.20	29.69 0.09 -24.78	26.25 -0.07 -29.91	24.32 0.22 -14.56	23.46 0.50 -0.76	26.29 0.33 -12.12	25.30 0.54 -2.59	35.17 0.03 -33.77	34.12 0.26 -22.70	42.97 0.45 -23.29	43.08 0.46 -23.70	30.44 0.43 -11.77	28.07 0.59 0.00	26.21 0.55 0.00	23.22 0.46 0.00	25.57 0.45 0.00	27.32 0.36 0.00
ROARING___BROOK_WT_PWR 323790	-25.48 1.78 -0.66	-23.54 1.65 -1.29	-25.46 1.82 -1.34	-25.14 1.96 -1.30	-23.13 1.80 -1.20	0.28 0.03 -0.75	-6.99 0.56 -1.19	-0.94 0.11 -0.81	5.01 -0.30 -0.50	-2.78 0.20 -0.60	9.27 -0.56 -0.29	20.89 -1.32 -0.02	13.24 -0.85 -0.25	20.83 -1.39 -0.05	1.80 -0.09 -0.53	10.76 -0.81 -0.41	18.43 -1.28 -0.47	18.16 -1.24 -0.48	17.51 -0.96 -0.24	26.81 -0.67 0.00	25.32 -0.34 0.00	22.42 -0.34 0.00	24.62 -0.50 0.00	26.51 -0.45 0.00
ROCHESRG_115KV_T4 355643	-15.70 0.12 -12.10	-10.39 0.02 -16.07	-10.41 0.00 -18.20	4.07 -0.04 -32.50	120.66 -0.03 -146.82	6.72 -0.01 -7.23	2.63 0.07 -11.30	6.41 0.03 -8.25	9.42 -0.08 -4.70	2.12 0.03 -5.67	12.14 -0.15 -2.76	22.16 -0.18 -0.14	15.94 -0.20 -2.30	22.47 -0.20 -0.49	7.89 -0.01 -6.53	15.38 -0.10 -4.32	23.48 -0.18 -4.43	23.10 -0.33 -4.51	20.05 -0.42 -2.24	26.84 -0.65 0.00	25.12 -0.55 0.00	22.21 -0.54 0.00	24.59 -0.53 0.00	26.61 -0.34 0.00
ROCHESTER_9_IC 23652	-15.80 -0.01 -12.13	-10.35 -0.10 -16.23	-10.32 -0.13 -18.42	4.66 -0.16 -33.22	125.17 -0.15 -151.44	6.74 -0.01 -7.26	2.61 0.02 -11.33	6.42 0.02 -8.27	9.45 -0.06 -4.71	2.11 0.01 -5.68	12.21 -0.09 -2.77	22.32 -0.03 -0.14	16.04 -0.11 -2.31	22.62 -0.05 -0.50	7.92 0.00 -6.56	15.46 -0.03 -4.33	23.62 -0.06 -4.45	23.24 -0.20 -4.52	20.17 -0.30 -2.25	27.01 -0.48 0.00	25.27 -0.39 0.00	22.34 -0.42 0.00	24.72 -0.40 0.00	26.76 -0.20 0.00
ROCKVIEW_13_KV_LD 356306	23.10 -1.64 -52.65	24.41 -1.58 -52.47	24.30 -1.64 -54.55	22.99 -1.62 -53.00	21.11 -1.53 -48.77	30.26 -0.03 -30.80	39.85 -0.52 -49.12	33.64 -0.12 -35.62	25.55 0.31 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.33 1.51 -0.63	24.83 0.99 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.79 1.35 -19.20	39.83 1.37 -19.54	29.27 1.33 -9.71	29.34 1.85 0.00	27.31 1.65 0.00	24.11 1.35 0.00	26.62 1.50 0.00	28.48 1.53 0.00
ROME____115KV_TB2 80656	-22.90 -0.44 -5.46	-21.38 -0.38 -5.47	-23.40 -0.48 -5.69	-23.38 -0.51 -5.53	-21.40 -0.36 -5.09	2.73 0.02 -3.21	-3.77 -0.25 -5.22	2.30 -0.05 -4.22	7.04 0.11 -2.13	-1.07 -0.07 -2.57	10.90 0.11 -1.25	22.69 0.43 -0.06	15.17 0.29 -1.04	22.89 0.49 -0.22	4.36 0.03 -2.96	13.38 0.27 -1.95	21.73 0.49 -2.00	21.43 0.47 -2.04	19.76 0.51 -1.01	28.39 0.90 0.00	26.42 0.75 0.00	23.41 0.65 0.00	25.77 0.65 0.00	27.65 0.69 0.00
ROSETON___1 23587	23.23 -1.25 -52.39	24.53 -1.21 -52.21	24.44 -1.23 -54.29	23.14 -1.21 -52.75	21.27 -1.14 -48.53	30.12 -0.03 -30.65	39.75 -0.38 -48.88	33.49 -0.09 -35.45	25.36 0.22 -20.34	20.79 -0.17 -24.54	21.97 0.49 -11.95	23.93 1.11 -0.62	24.52 0.74 -9.94	25.46 1.16 -2.13	29.62 0.07 -28.19	30.36 0.57 -18.62	39.34 1.00 -19.11	39.38 1.02 -19.44	28.88 0.98 -9.66	28.85 1.37 0.00	26.88 1.21 0.00	23.75 1.00 0.00	26.26 1.14 0.00	28.11 1.15 0.00
ROSETON___2 23588	23.23 -1.25 -52.39	24.53 -1.21 -52.21	24.44 -1.23 -54.29	23.14 -1.21 -52.75	21.27 -1.14 -48.53	30.12 -0.03 -30.65	39.75 -0.38 -48.88	33.49 -0.09 -35.45	25.36 0.22 -20.34	20.79 -0.17 -24.54	21.97 0.49 -11.95	23.93 1.11 -0.62	24.52 0.74 -9.94	25.46 1.16 -2.13	29.62 0.07 -28.19	30.36 0.57 -18.62	39.34 1.00 -19.11	39.38 1.02 -19.44	28.88 0.98 -9.66	28.85 1.37 0.00	26.88 1.21 0.00	23.75 1.00 0.00	26.26 1.14 0.00	28.11 1.15 0.00
ROTTDRAM_115KV_TB3 80664	37.50 -0.98 -66.39	38.77 -0.92 -66.16	39.19 -0.99 -68.79	37.47 -0.97 -66.84	34.45 -0.92 -61.50	38.32 -0.02 -38.84	52.88 -0.31 -61.94	42.99 -0.07 -44.93	30.76 0.17 -25.78	27.40 -0.13 -31.11	25.04 0.36 -15.14	23.81 0.82 -0.79	26.99 0.54 -12.60	25.74 0.87 -2.69	37.16 0.05 -35.74	35.20 0.43 -23.61	44.21 0.75 -24.22	44.31 0.74 -24.65	31.18 0.71 -12.24	28.51 1.02 0.00	26.60 0.93 0.00	23.54 0.78 0.00	25.96 0.84 0.00	27.77 0.82 0.00

RUSSELL___1 23602	-15.91 -0.12 -12.13	-10.44 -0.20 -16.23	-10.42 -0.23 -18.42	4.56 -0.26 -33.22	125.07 -0.24 -151.43	6.74 -0.01 -7.26	2.57 -0.02 -11.33	6.41 0.00 -8.27	9.48 -0.04 -4.71	2.10 -0.01 -5.68	12.25 -0.05 -2.77	22.43 0.08 -0.14	16.11 -0.04 -2.31	22.72 0.06 -0.50	7.93 0.00 -6.56	15.52 0.03 -4.33	23.73 0.04 -4.45	23.34 -0.10 -4.52	20.27 -0.21 -2.25	27.15 -0.34 0.00	25.40 -0.27 0.00	22.45 -0.31 0.00	24.83 -0.29 0.00	26.87 -0.09 0.00
RUSSELL___2 23532	-15.91 -0.12 -12.13	-10.44 -0.20 -16.23	-10.42 -0.23 -18.42	4.56 -0.26 -33.22	125.07 -0.24 -151.43	6.74 -0.01 -7.26	2.57 -0.02 -11.33	6.41 0.00 -8.27	9.48 -0.04 -4.71	2.10 -0.01 -5.68	12.25 -0.05 -2.77	22.43 0.08 -0.14	16.11 -0.04 -2.31	22.72 0.06 -0.50	7.93 0.00 -6.56	15.52 0.03 -4.33	23.73 0.04 -4.45	23.34 -0.10 -4.52	20.27 -0.21 -2.25	27.15 -0.34 0.00	25.40 -0.27 0.00	22.45 -0.31 0.00	24.83 -0.29 0.00	26.87 -0.09 0.00
RUSSELL___3 23549	-15.91 -0.12 -12.13	-10.44 -0.20 -16.23	-10.42 -0.23 -18.42	4.56 -0.26 -33.22	125.07 -0.24 -151.43	6.74 -0.01 -7.26	2.57 -0.02 -11.33	6.41 0.00 -8.27	9.48 -0.04 -4.71	2.10 -0.01 -5.68	12.25 -0.05 -2.77	22.43 0.08 -0.14	16.11 -0.04 -2.31	22.72 0.06 -0.50	7.93 0.00 -6.56	15.52 0.03 -4.33	23.73 0.04 -4.45	23.34 -0.10 -4.52	20.27 -0.21 -2.25	27.15 -0.34 0.00	25.40 -0.27 0.00	22.45 -0.31 0.00	24.83 -0.29 0.00	26.87 -0.09 0.00
RUSSELL___4 23556	-15.91 -0.12 -12.13	-10.44 -0.20 -16.23	-10.42 -0.23 -18.42	4.56 -0.26 -33.22	125.07 -0.24 -151.43	6.74 -0.01 -7.26	2.57 -0.02 -11.33	6.41 0.00 -8.27	9.48 -0.04 -4.71	2.10 -0.01 -5.68	12.25 -0.05 -2.77	22.43 0.08 -0.14	16.11 -0.04 -2.31	22.72 0.06 -0.50	7.93 0.00 -6.56	15.52 0.03 -4.33	23.73 0.04 -4.45	23.34 -0.10 -4.52	20.27 -0.21 -2.25	27.15 -0.34 0.00	25.40 -0.27 0.00	22.45 -0.31 0.00	24.83 -0.29 0.00	26.87 -0.09 0.00
RUSSELL___STATION 23914	-15.91 -0.12 -12.13	-10.44 -0.20 -16.23	-10.42 -0.23 -18.42	4.56 -0.26 -33.22	125.07 -0.24 -151.43	6.74 -0.01 -7.26	2.57 -0.02 -11.33	6.41 0.00 -8.27	9.48 -0.04 -4.71	2.10 -0.01 -5.68	12.25 -0.05 -2.77	22.43 0.08 -0.14	16.11 -0.04 -2.31	22.72 0.06 -0.50	7.93 0.00 -6.56	15.52 0.03 -4.33	23.73 0.04 -4.45	23.34 -0.10 -4.52	20.27 -0.21 -2.25	27.15 -0.34 0.00	25.40 -0.27 0.00	22.45 -0.31 0.00	24.83 -0.29 0.00	26.87 -0.09 0.00
S SALMON___HYD 24043	-18.44 0.73 -8.75	-16.99 0.73 -8.76	-18.74 0.76 -9.11	-18.82 0.72 -8.85	-17.27 0.71 -8.14	4.67 0.03 -5.14	-0.34 0.19 -8.22	4.22 0.04 -6.05	8.09 -0.12 -3.41	0.62 0.09 -4.12	11.29 -0.25 -2.01	21.74 -0.56 -0.10	15.18 -0.33 -1.67	21.98 -0.55 -0.36	6.07 -0.03 -4.73	14.03 -0.26 -3.13	21.99 -0.45 -3.21	21.80 -0.39 -3.26	19.59 -0.27 -1.62	27.19 -0.29 0.00	25.23 -0.43 0.00	22.47 -0.29 0.00	24.75 -0.37 0.00	26.63 -0.33 0.00
S.PERRY___115KV_TB1 80734	-13.38 -0.31 -14.84	-9.43 -0.33 -17.37	-10.02 -0.43 -19.03	-0.87 -0.51 -28.03	74.54 -0.45 -101.12	8.26 -0.02 -8.78	4.99 -0.13 -13.86	8.22 -0.02 -10.11	10.57 0.00 -5.76	3.34 -0.03 -6.95	12.98 0.06 -3.39	22.64 0.27 -0.18	16.71 0.04 -2.82	23.03 0.26 -0.60	9.37 0.02 -7.98	16.64 0.21 -5.27	25.10 0.46 -5.41	24.85 0.43 -5.51	21.27 0.30 -2.74	27.87 0.39 0.00	26.01 0.34 0.00	22.98 0.23 0.00	25.50 0.38 0.00	27.59 0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	-13.76 0.11 -14.05	-9.98 -0.04 -16.54	-10.60 -0.12 -18.14	-1.60 -0.20 -27.00	72.49 -0.18 -98.80	7.80 -0.02 -8.32	4.50 0.12 -13.12	7.75 0.05 -9.57	10.13 -0.13 -5.45	3.07 0.07 -6.58	12.43 -0.30 -3.19	21.80 -0.56 -0.17	15.97 -0.51 -2.64	22.16 -0.58 -0.56	8.81 -0.04 -7.49	15.82 -0.29 -4.95	23.84 -0.47 -5.07	23.38 -0.70 -5.17	19.98 -0.82 -2.57	26.32 -1.17 0.00	24.68 -0.98 0.00	21.80 -0.95 0.00	24.25 -0.87 0.00	26.43 -0.52 0.00
SAWYER___23_KV_LOAD 55526	-13.76 0.11 -14.05	-9.98 -0.04 -16.54	-10.60 -0.12 -18.14	-1.60 -0.20 -27.00	72.49 -0.18 -98.80	7.80 -0.02 -8.32	4.50 0.12 -13.12	7.75 0.05 -9.57	10.13 -0.13 -5.45	3.07 0.07 -6.58	12.43 -0.30 -3.19	21.80 -0.56 -0.17	15.97 -0.51 -2.64	22.16 -0.58 -0.56	8.81 -0.04 -7.49	15.82 -0.29 -4.95	23.84 -0.47 -5.07	23.38 -0.70 -5.17	19.98 -0.82 -2.57	26.32 -1.17 0.00	24.68 -0.98 0.00	21.80 -0.95 0.00	24.25 -0.87 0.00	26.43 -0.52 0.00
SELKIRK___I 23801	35.01 -0.60 -63.53	36.26 -0.56 -63.30	36.59 -0.61 -65.82	34.95 -0.60 -63.95	32.14 -0.57 -58.84	36.65 -0.01 -37.16	50.34 -0.17 -59.26	41.04 -0.04 -42.95	29.55 0.10 -24.64	26.08 -0.08 -29.74	24.24 0.23 -14.47	23.48 0.53 -0.75	26.24 0.34 -12.05	25.31 0.57 -2.58	35.28 0.03 -33.88	34.01 0.28 -22.57	42.87 0.48 -23.15	42.97 0.49 -23.56	30.41 0.47 -11.70	28.13 0.64 0.00	26.25 0.59 0.00	23.25 0.49 0.00	25.63 0.51 0.00	27.41 0.46 0.00
SELKIRK___II 23799	35.00 -0.56 -63.48	36.26 -0.52 -63.26	36.59 -0.56 -65.77	34.95 -0.56 -63.90	32.14 -0.53 -58.80	36.62 -0.01 -37.13	50.31 -0.16 -59.21	41.01 -0.03 -42.91	29.52 0.10 -24.62	26.05 -0.07 -29.71	24.22 0.22 -14.46	23.45 0.50 -0.75	26.20 0.32 -12.04	25.28 0.53 -2.57	35.17 0.03 -33.77	33.97 0.26 -22.55	42.83 0.46 -23.13	42.93 0.47 -23.54	30.38 0.45 -11.69	28.10 0.62 0.00	26.23 0.56 0.00	23.23 0.47 0.00	25.59 0.48 0.00	27.37 0.41 0.00
SENECA OSWGO___HYD 24041	-18.11 0.30 -9.51	-16.70 0.29 -9.49	-18.44 0.31 -9.86	-18.52 0.29 -9.58	-17.05 0.26 -8.82	5.07 0.00 -5.57	0.23 0.08 -8.90	4.69 0.02 -6.53	8.45 -0.05 -3.70	0.92 0.04 -4.46	11.59 -0.12 -2.17	22.05 -0.26 -0.11	15.47 -0.18 -1.81	22.26 -0.29 -0.39	6.48 -0.01 -5.12	14.43 -0.12 -3.39	22.49 -0.22 -3.47	22.23 -0.22 -3.54	19.75 -0.24 -1.76	27.05 -0.44 0.00	25.22 -0.44 0.00	22.40 -0.36 0.00	24.72 -0.40 0.00	26.58 -0.37 0.00
SENECA___115KV_TB3 355854	-13.64 -0.09 -14.37	-9.96 -0.19 -16.71	-10.65 -0.30 -18.26	-2.22 -0.40 -26.58	67.68 -0.38 -94.19	7.98 -0.02 -8.50	4.71 0.04 -13.41	7.94 0.03 -9.78	10.31 -0.07 -5.58	3.18 0.03 -6.73	12.63 -0.17 -3.27	22.11 -0.26 -0.17	16.22 -0.33 -2.70	22.46 -0.30 -0.58	9.00 -0.02 -7.65	16.09 -0.12 -5.05	24.26 -0.16 -5.18	23.82 -0.37 -5.27	20.34 -0.51 -2.62	26.77 -0.72 0.00	25.07 -0.60 0.00	22.15 -0.60 0.00	24.65 -0.47 0.00	26.84 -0.12 0.00
SENECA___ENERGY 23797	-15.57 0.02 -12.32	-14.34 0.04 -12.11	-16.10 0.00 -12.52	-16.91 -0.04 -11.52	-20.66 -0.06 -5.52	6.70 0.00 -7.20	2.74 -0.03 -11.51	6.56 0.00 -8.43	9.61 0.02 -4.78	2.19 0.00 -5.77	12.33 -0.01 -2.81	22.32 -0.03 -0.15	16.17 -0.02 -2.34	22.71 0.03 -0.50	8.01 0.00 -6.64	15.57 0.02 -4.39	23.82 0.09 -4.50	23.54 0.04 -4.58	20.48 -0.03 -2.28	27.37 -0.12 0.00	25.47 -0.20 0.00	22.54 -0.21 0.00	24.96 -0.16 0.00	26.86 -0.10 0.00
SHOEMAKER___GT 23640	19.70 -1.16 -48.77	20.99 -1.13 -48.60	20.76 -1.16 -50.53	19.56 -1.14 -49.10	17.98 -1.07 -45.17	28.00 -0.03 -28.53	36.39 -0.36 -45.50	31.05 -0.08 -33.00	23.94 0.21 -18.93	19.11 -0.15 -22.84	21.07 0.42 -11.12	23.71 0.94 -0.58	23.73 0.63 -9.25	25.17 1.01 -1.98	27.67 0.06 -26.24	29.01 0.51 -17.34	37.92 0.90 -17.78	37.94 0.92 -18.10	28.12 0.89 -8.99	28.73 1.24 0.00	26.77 1.10 0.00	23.66 0.90 0.00	26.22 1.10 0.00	28.10 1.14 0.00

SHOEMAKR_138KV_BK 111 55601	19.42 -1.15 -48.48	20.72 -1.12 -48.32	20.47 -1.15 -50.24	19.28 -1.14 -48.81	17.72 -1.06 -44.91	27.84 -0.02 -28.37	36.13 -0.36 -45.23	30.86 -0.08 -32.81	23.83 0.21 -18.82	18.98 -0.15 -22.71	21.01 0.42 -11.05	23.72 0.95 -0.58	23.68 0.64 -9.20	25.16 1.02 -1.97	27.52 0.06 -26.09	28.91 0.51 -17.24	37.82 0.90 -17.68	37.83 0.92 -17.99	28.06 0.89 -8.94	28.72 1.24 0.00	26.76 1.10 0.00	23.65 0.89 0.00	26.21 1.09 0.00	28.09 1.14 0.00
SHOREHAM_IC_1 23715	22.53 -2.20 -52.65	23.88 -2.10 -52.46	23.70 -2.23 -54.54	22.42 -2.18 -53.00	20.67 -1.97 -48.77	30.26 -0.04 -30.80	39.70 -0.67 -49.11	33.61 -0.15 -35.62	25.65 0.42 -20.44	20.78 -0.30 -24.66	22.41 0.87 -12.00	24.74 1.92 -0.63	25.06 1.23 -9.99	26.27 1.97 -2.14	29.82 0.13 -28.33	30.91 1.04 -18.72	40.11 1.67 -19.20	40.14 1.68 -19.54	29.63 1.69 -9.71	29.83 2.35 0.00	27.89 2.23 0.00	25.67 1.92 -1.00	27.18 2.06 0.00	29.03 2.07 0.00
SHOREHAM_IC_2 23716	22.53 -2.20 -52.65	23.88 -2.10 -52.46	23.70 -2.23 -54.54	22.42 -2.18 -53.00	20.67 -1.97 -48.77	30.26 -0.04 -30.80	39.70 -0.67 -49.11	33.61 -0.15 -35.62	25.65 0.42 -20.44	20.78 -0.30 -24.66	22.41 0.87 -12.00	24.74 1.92 -0.63	25.06 1.23 -9.99	26.27 1.97 -2.14	29.82 0.13 -28.33	30.91 1.04 -18.72	40.11 1.67 -19.20	40.14 1.68 -19.54	29.63 1.69 -9.71	29.83 2.35 0.00	27.89 2.23 0.00	25.67 1.92 -1.00	27.18 2.06 0.00	29.03 2.07 0.00
SISSONVILLE____ 23735	-23.46 2.19 -2.26	-21.75 2.03 -2.70	-23.66 2.15 -2.80	-23.20 2.47 -2.73	-21.29 2.33 -2.51	1.14 0.06 -1.58	-5.52 0.70 -2.53	0.11 0.14 -1.84	5.53 -0.33 -1.05	-2.06 0.26 -1.27	9.40 -0.75 -0.62	20.49 -1.74 -0.03	13.09 -1.26 -0.51	20.45 -1.84 -0.11	3.81 -0.11 -2.56	11.42 -1.06 -1.32	18.52 -1.70 -0.99	18.13 -1.79 -1.00	17.09 -1.64 -0.50	26.45 -1.03 0.00	25.48 -0.18 0.00	22.51 -0.24 0.00	24.49 -0.63 0.00	26.61 -0.35 0.00
SITHE_IND_GS1 24169	-19.01 0.60 -8.30	-17.65 0.56 -8.27	-19.41 0.61 -8.60	-19.46 0.58 -8.36	-17.90 0.54 -7.69	4.37 0.01 -4.86	-0.81 0.18 -7.75	3.84 0.04 -5.67	7.92 -0.11 -3.22	0.39 0.08 -3.89	11.19 -0.24 -1.89	21.76 -0.54 -0.10	15.07 -0.36 -1.58	21.92 -0.58 -0.34	5.80 -0.03 -4.47	13.84 -0.27 -2.95	21.77 -0.49 -3.03	21.51 -0.49 -3.08	19.27 -0.50 -1.53	26.69 -0.80 0.00	24.91 -0.76 0.00	22.14 -0.62 0.00	24.45 -0.67 0.00	26.28 -0.67 0.00
SITHE_IND_GS2 24170	-19.01 0.60 -8.30	-17.65 0.56 -8.27	-19.41 0.61 -8.60	-19.46 0.58 -8.36	-17.90 0.54 -7.69	4.37 0.01 -4.86	-0.81 0.18 -7.75	3.84 0.04 -5.67	7.92 -0.11 -3.22	0.39 0.08 -3.89	11.19 -0.24 -1.89	21.76 -0.54 -0.10	15.07 -0.36 -1.58	21.92 -0.58 -0.34	5.80 -0.03 -4.47	13.84 -0.27 -2.95	21.77 -0.49 -3.03	21.51 -0.49 -3.08	19.27 -0.50 -1.53	26.69 -0.80 0.00	24.91 -0.76 0.00	22.14 -0.62 0.00	24.45 -0.67 0.00	26.28 -0.67 0.00
SITHE_IND_GS3 24171	-19.01 0.60 -8.30	-17.65 0.56 -8.27	-19.41 0.61 -8.60	-19.46 0.58 -8.36	-17.90 0.54 -7.69	4.37 0.01 -4.86	-0.81 0.18 -7.75	3.84 0.04 -5.67	7.92 -0.11 -3.22	0.39 0.08 -3.89	11.19 -0.24 -1.89	21.76 -0.54 -0.10	15.07 -0.36 -1.58	21.92 -0.58 -0.34	5.80 -0.03 -4.47	13.84 -0.27 -2.95	21.77 -0.49 -3.03	21.51 -0.49 -3.08	19.27 -0.50 -1.53	26.69 -0.80 0.00	24.91 -0.76 0.00	22.14 -0.62 0.00	24.45 -0.67 0.00	26.28 -0.67 0.00
SITHE_IND_GS4 24172	-19.01 0.60 -8.30	-17.65 0.56 -8.27	-19.41 0.61 -8.60	-19.46 0.58 -8.36	-17.90 0.54 -7.69	4.37 0.01 -4.86	-0.81 0.18 -7.75	3.84 0.04 -5.67	7.92 -0.11 -3.22	0.39 0.08 -3.89	11.19 -0.24 -1.89	21.76 -0.54 -0.10	15.07 -0.36 -1.58	21.92 -0.58 -0.34	5.80 -0.03 -4.47	13.84 -0.27 -2.95	21.77 -0.49 -3.03	21.51 -0.49 -3.08	19.27 -0.50 -1.53	26.69 -0.80 0.00	24.91 -0.76 0.00	22.14 -0.62 0.00	24.45 -0.67 0.00	26.28 -0.67 0.00
SITHE____BATAVIA 24024	-15.55 -0.95 -13.31	-12.71 -1.00 -14.78	-13.83 -1.14 -15.93	-8.55 -1.21 -21.06	36.13 -1.17 -63.43	7.31 -0.03 -7.85	3.49 -0.20 -12.43	7.19 -0.02 -9.07	10.05 0.07 -5.17	2.57 -0.08 -6.24	12.66 0.09 -3.03	22.62 0.27 -0.16	16.31 -0.02 -2.48	22.87 0.16 -0.53	8.38 0.00 -7.01	15.87 0.08 -4.64	24.14 0.15 -4.75	23.68 -0.07 -4.84	20.42 -0.22 -2.40	27.18 -0.31 0.00	25.44 -0.23 0.00	22.44 -0.31 0.00	24.89 -0.23 0.00	27.05 0.09 0.00
SITHE____INDEPEND 23800	-19.01 0.60 -8.30	-17.65 0.56 -8.27	-19.41 0.61 -8.60	-19.46 0.58 -8.36	-17.89 0.54 -7.69	4.37 0.01 -4.86	-0.81 0.18 -7.75	3.84 0.04 -5.67	7.92 -0.11 -3.22	0.39 0.08 -3.89	11.19 -0.24 -1.89	21.76 -0.54 -0.10	15.07 -0.35 -1.58	21.92 -0.58 -0.34	5.80 -0.03 -4.47	13.84 -0.27 -2.95	21.77 -0.49 -3.03	21.51 -0.50 -3.08	19.27 -0.50 -1.53	26.69 -0.80 0.00	24.91 -0.76 0.00	22.13 -0.62 0.00	24.45 -0.67 0.00	26.28 -0.67 0.00
SITHE____MASSENA 23902	-24.13 2.18 -1.60	-22.40 1.95 -2.13	-24.31 2.10 -2.21	-23.74 2.51 -2.15	-21.67 2.47 -1.98	0.79 0.04 -1.25	-6.03 0.73 -1.99	-0.30 0.14 -1.43	5.31 -0.33 -0.83	-2.33 0.26 -1.00	9.28 -0.74 -0.49	20.48 -1.74 -0.03	12.96 -1.30 -0.41	20.40 -1.86 -0.09	2.40 -0.11 -1.15	10.84 -1.08 -0.76	18.29 -1.73 -0.78	17.84 -1.87 -0.79	16.85 -1.78 -0.39	26.29 -1.20 0.00	25.45 -0.21 0.00	22.49 -0.27 0.00	24.48 -0.64 0.00	26.62 -0.34 0.00
SITHE____OGDNSBRG 24021	-24.04 1.87 -2.00	-22.34 1.67 -2.48	-24.25 1.79 -2.58	-23.75 2.15 -2.50	-21.84 1.98 -2.30	0.99 0.04 -1.46	-5.84 0.59 -2.32	-0.08 0.11 -1.68	5.51 -0.26 -0.97	-2.21 0.21 -1.16	9.48 -0.63 -0.57	20.82 -1.41 -0.03	13.25 -1.07 -0.47	20.77 -1.50 -0.10	3.29 -0.09 -2.01	11.38 -0.88 -1.10	18.76 -1.38 -0.91	18.32 -1.52 -0.92	17.25 -1.45 -0.46	26.80 -0.69 0.00	25.90 0.24 0.00	22.86 0.10 0.00	24.84 -0.28 0.00	26.99 0.04 0.00
SITHE____STERLING 23777	-22.08 -0.44 -6.28	-20.59 -0.40 -6.28	-22.56 -0.48 -6.53	-22.54 -0.49 -6.34	-20.69 -0.40 -5.84	3.19 0.00 -3.69	-2.96 -0.22 -6.00	3.03 -0.05 -4.94	7.35 0.10 -2.45	-0.69 -0.06 -2.95	11.13 0.16 -1.44	22.70 0.42 -0.07	15.31 0.27 -1.20	22.90 0.47 -0.26	4.79 0.03 -3.39	13.66 0.26 -2.24	22.00 0.46 -2.30	21.68 0.42 -2.34	19.81 0.42 -1.16	28.18 0.69 0.00	26.25 0.59 0.00	23.27 0.51 0.00	25.64 0.52 0.00	27.52 0.57 0.00
SLEIGHT__34_KV_TB1 80719	-15.87 0.08 -11.96	-15.73 0.04 -10.71	-17.90 0.03 -10.69	-22.47 0.01 -5.92	-55.92 0.00 29.79	6.45 0.00 -6.95	2.43 0.00 -11.17	6.30 0.00 -8.17	9.42 -0.03 -4.64	2.03 0.00 -5.60	12.20 -0.07 -2.73	22.25 -0.09 -0.14	16.02 -0.10 -2.27	22.59 -0.07 -0.49	7.81 -0.01 -6.45	15.38 -0.04 -4.26	23.56 -0.04 -4.37	23.24 -0.13 -4.45	20.22 -0.22 -2.21	27.09 -0.39 0.00	25.28 -0.39 0.00	22.36 -0.40 0.00	24.74 -0.38 0.00	26.67 -0.28 0.00
SOUTH CAIRO____GT 23612	30.84 -1.85 -60.60	32.21 -1.70 -60.39	32.29 -1.88 -62.79	30.75 -1.87 -61.01	28.22 -1.79 -56.13	34.92 -0.03 -35.45	47.15 -0.64 -56.53	38.96 -0.14 -40.97	28.66 0.35 -23.50	24.56 -0.23 -28.37	23.86 0.52 -13.81	24.11 1.19 -0.72	26.05 0.71 -11.49	25.90 1.27 -2.46	33.71 0.09 -32.26	33.46 0.77 -21.53	42.86 1.54 -22.08	42.93 1.54 -22.47	30.85 1.45 -11.16	29.58 2.09 0.00	27.56 1.89 0.00	24.35 1.59 0.00	26.71 1.60 0.00	28.48 1.52 0.00

SOUTH HAMPTN___IC 23720	22.14 -2.59 -52.65	23.52 -2.47 -52.46	23.31 -2.61 -54.54	22.04 -2.57 -53.00	20.30 -2.34 -48.77	30.25 -0.04 -30.80	39.56 -0.81 -49.11	33.57 -0.18 -35.62	25.73 0.49 -20.44	20.73 -0.35 -24.66	22.55 1.01 -12.00	25.06 2.24 -0.63	25.27 1.43 -9.99	26.60 2.29 -2.14	29.84 0.15 -28.33	31.09 1.22 -18.72	40.44 2.00 -19.20	40.47 2.02 -19.54	29.95 2.01 -9.71	30.30 2.81 0.00	28.30 2.64 0.00	26.00 2.26 -0.98	27.55 2.43 0.00	29.41 2.45 0.00
SOUTHDOW_115KV_TB1 355954	-13.59 -0.55 -14.88	-9.96 -0.60 -17.12	-10.69 -0.72 -18.65	-2.64 -0.82 -26.57	64.19 -0.82 -91.14	8.27 -0.02 -8.79	4.98 -0.17 -13.90	8.23 -0.03 -10.13	10.64 0.06 -5.78	3.35 -0.04 -6.97	13.03 0.11 -3.38	22.71 0.34 -0.18	16.79 0.15 -2.80	23.39 0.62 -0.60	9.34 0.04 -7.94	16.78 0.38 -5.24	25.47 0.85 -5.38	25.02 0.63 -5.47	21.30 0.35 -2.72	28.14 0.66 0.00	26.28 0.61 0.00	23.22 0.46 0.00	25.81 0.69 0.00	28.02 1.07 0.00
SOUTHOLD_69_KV_BK 2 55809	21.84 -2.90 -52.65	23.24 -2.74 -52.46	23.00 -2.92 -54.54	21.73 -2.88 -53.00	20.01 -2.63 -48.77	30.25 -0.05 -30.80	39.45 -0.92 -49.11	33.55 -0.20 -35.62	25.78 0.54 -20.44	20.68 -0.39 -24.66	22.65 1.11 -12.00	25.29 2.46 -0.63	25.41 1.57 -9.99	26.83 2.53 -2.14	29.86 0.16 -28.33	31.23 1.35 -18.72	40.69 2.25 -19.20	40.73 2.27 -19.54	30.20 2.26 -9.71	30.66 3.18 0.00	28.62 2.96 0.00	26.28 2.54 -0.98	27.84 2.72 0.00	29.71 2.75 0.00
SOUTHOLD___IC 23719	21.83 -2.90 -52.65	23.24 -2.74 -52.46	23.00 -2.92 -54.54	21.73 -2.87 -53.00	20.01 -2.63 -48.77	30.25 -0.05 -30.80	39.45 -0.92 -49.11	33.55 -0.20 -35.62	25.79 0.54 -20.44	20.68 -0.39 -24.66	22.65 1.11 -12.00	25.29 2.47 -0.63	25.41 1.57 -9.99	26.83 2.52 -2.14	29.86 0.16 -28.33	31.23 1.35 -18.72	40.69 2.25 -19.20	40.73 2.28 -19.54	30.20 2.26 -9.71	30.66 3.17 0.00	28.62 2.96 0.00	26.28 2.54 -0.98	27.84 2.72 0.00	29.71 2.75 0.00
SOUTH_FORK_WT_PWR 323839	21.77 -2.96 -52.65	23.17 -2.81 -52.46	22.93 -3.00 -54.54	21.66 -2.94 -53.00	19.94 -2.70 -48.77	30.25 -0.05 -30.80	39.43 -0.94 -49.11	33.54 -0.21 -35.62	25.79 0.56 -20.44	20.68 -0.40 -24.66	22.67 1.14 -12.00	25.35 2.53 -0.63	25.44 1.61 -9.99	26.89 2.58 -2.14	29.86 0.17 -28.33	31.25 1.38 -18.72	40.75 2.31 -19.20	40.79 2.33 -19.54	30.25 2.31 -9.71	30.74 3.26 0.00	28.69 3.03 0.00	26.34 2.60 -0.98	27.90 2.79 0.00	29.78 2.82 0.00
SPIERFLS_115KV_TB 1 80737	36.07 -1.76 -65.75	37.39 -1.66 -65.52	37.73 -1.78 -68.12	36.06 -1.74 -66.19	33.06 -1.72 -60.90	37.93 -0.03 -38.46	51.95 -0.65 -61.34	42.53 -0.15 -44.54	30.71 0.35 -25.56	27.01 -0.25 -30.84	25.21 0.67 -15.01	24.49 1.51 -0.78	27.32 0.98 -12.49	26.42 1.58 -2.67	37.24 0.09 -35.78	35.25 0.69 -23.41	44.43 1.18 -24.01	44.52 1.16 -24.43	31.41 1.04 -12.14	29.08 1.59 0.00	27.10 1.43 0.00	23.95 1.19 0.00	26.60 1.49 0.00	28.41 1.46 0.00
ST LAWRENCE___ 23600	-23.98 2.47 -1.47	-22.24 2.22 -2.01	-24.12 2.41 -2.09	-23.55 2.81 -2.03	-21.51 2.75 -1.87	0.73 0.05 -1.18	-6.03 0.83 -1.88	-0.37 0.16 -1.34	5.19 -0.40 -0.78	-2.34 0.29 -0.95	9.15 -0.84 -0.46	20.24 -1.98 -0.02	12.78 -1.45 -0.38	20.15 -2.11 -0.08	2.09 -0.13 -0.86	10.60 -1.20 -0.64	18.02 -1.95 -0.74	17.58 -2.09 -0.75	16.61 -2.00 -0.37	25.96 -1.53 0.00	25.16 -0.51 0.00	22.23 -0.52 0.00	24.20 -0.92 0.00	26.31 -0.65 0.00
STATE_CA_115KV_115_LB 55624	35.87 -0.55 -64.33	37.13 -0.50 -64.11	37.49 -0.55 -66.65	35.83 -0.54 -64.76	32.94 -0.52 -59.59	37.13 -0.01 -37.64	51.10 -0.17 -60.01	41.57 -0.04 -43.48	29.86 0.11 -24.95	26.45 -0.08 -30.11	24.43 0.24 -14.65	23.50 0.54 -0.76	26.40 0.36 -12.20	25.36 0.58 -2.61	35.53 0.03 -34.13	34.30 0.29 -22.85	43.17 0.50 -23.44	43.28 0.51 -23.85	30.56 0.47 -11.85	28.14 0.65 0.00	26.25 0.59 0.00	23.25 0.49 0.00	25.60 0.48 0.00	27.35 0.39 0.00
STATE_ST_34_KV_LOAD 55959	-15.96 -0.27 -12.22	-14.72 -0.25 -12.01	-16.49 -0.29 -12.42	-17.26 -0.31 -11.45	-20.79 -0.28 -5.62	6.63 0.00 -7.14	2.55 -0.12 -11.42	6.47 -0.02 -8.36	9.61 0.06 -4.74	2.11 -0.03 -5.72	12.41 0.08 -2.79	22.53 0.19 -0.15	16.32 0.16 -2.32	22.96 0.30 -0.50	7.97 0.02 -6.58	15.64 0.13 -4.35	24.02 0.32 -4.46	23.73 0.27 -4.54	20.69 0.20 -2.26	27.76 0.27 0.00	25.77 0.10 0.00	22.85 0.09 0.00	25.34 0.22 0.00	27.22 0.26 0.00
STATION 5_MISC_HYD 23604	-15.82 -0.03 -12.13	-10.35 -0.11 -16.23	-10.33 -0.14 -18.42	4.63 -0.19 -33.22	125.11 -0.21 -151.44	6.74 -0.01 -7.26	2.61 0.02 -11.33	6.42 0.01 -8.27	9.45 -0.06 -4.71	2.11 0.01 -5.68	12.21 -0.10 -2.77	22.31 -0.04 -0.14	16.04 -0.11 -2.31	22.62 -0.04 -0.50	7.92 0.00 -6.56	15.47 -0.03 -4.33	23.63 -0.05 -4.45	23.25 -0.20 -4.52	20.18 -0.30 -2.25	27.01 -0.48 0.00	25.27 -0.39 0.00	22.34 -0.42 0.00	24.72 -0.40 0.00	26.76 -0.20 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	-16.36 -0.38 -11.93	-15.48 -0.37 -11.37	-17.42 -0.43 -11.63	-19.49 -0.46 -9.37	-33.14 -0.44 6.58	6.45 -0.01 -6.96	2.25 -0.15 -11.14	6.25 -0.03 -8.15	9.50 0.07 -4.63	1.95 -0.06 -5.59	12.38 0.12 -2.72	22.55 0.21 -0.14	16.21 0.06 -2.30	22.87 0.21 -0.49	7.91 0.01 -6.53	15.58 0.11 -4.31	23.87 0.21 -4.42	23.53 0.11 -4.50	20.48 0.01 -2.23	27.45 -0.03 0.00	25.62 -0.04 0.00	22.65 -0.11 0.00	25.05 -0.07 0.00	27.03 0.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	-15.68 0.15 -12.09	-8.09 0.06 -18.33	-7.17 0.05 -21.40	15.61 0.02 -43.99	197.43 0.02 -223.54	6.81 -0.01 -7.32	2.61 0.06 -11.29	6.40 0.02 -8.24	9.42 -0.07 -4.69	2.11 0.02 -5.66	12.16 -0.13 -2.76	22.19 -0.15 -0.14	15.98 -0.17 -2.30	22.52 -0.14 -0.49	7.89 -0.01 -6.53	15.40 -0.07 -4.31	23.53 -0.13 -4.43	23.16 -0.26 -4.51	20.11 -0.36 -2.24	26.91 -0.58 0.00	25.17 -0.50 0.00	22.25 -0.51 0.00	24.62 -0.50 0.00	26.62 -0.34 0.00
STA_56___34_KV_BUS2 355983	-15.68 0.15 -12.09	-8.09 0.06 -18.33	-7.17 0.05 -21.40	15.61 0.02 -43.99	197.43 0.02 -223.54	6.81 -0.01 -7.32	2.61 0.06 -11.29	6.40 0.02 -8.24	9.42 -0.07 -4.69	2.11 0.02 -5.66	12.16 -0.13 -2.76	22.19 -0.15 -0.14	15.98 -0.17 -2.30	22.52 -0.14 -0.49	7.89 -0.01 -6.53	15.40 -0.07 -4.31	23.53 -0.13 -4.43	23.16 -0.26 -4.51	20.11 -0.36 -2.24	26.91 -0.58 0.00	25.17 -0.50 0.00	22.25 -0.51 0.00	24.62 -0.50 0.00	26.62 -0.34 0.00
STA_67___115KV_BK2 355882	-15.75 0.04 -12.13	-10.32 -0.05 -16.21	-10.30 -0.08 -18.39	4.61 -0.11 -33.12	124.54 -0.10 -150.76	6.74 -0.01 -7.25	2.62 0.04 -11.33	6.42 0.02 -8.27	9.44 -0.07 -4.71	2.12 0.02 -5.68	12.19 -0.12 -2.77	22.26 -0.08 -0.14	16.01 -0.15 -2.31	22.56 -0.10 -0.49	7.91 -0.01 -6.55	15.43 -0.06 -4.33	23.58 -0.10 -4.44	23.19 -0.24 -4.52	20.13 -0.35 -2.25	26.94 -0.54 0.00	25.22 -0.45 0.00	22.29 -0.47 0.00	24.67 -0.45 0.00	26.71 -0.25 0.00
STA_7___115KV_9TRANS 80674	-15.91 -0.12 -12.13	-10.44 -0.20 -16.23	-10.42 -0.23 -18.42	4.56 -0.26 -33.22	125.07 -0.24 -151.43	6.74 -0.01 -7.26	2.57 -0.02 -11.33	6.41 0.00 -8.27	9.48 -0.04 -4.71	2.10 -0.01 -5.68	12.25 -0.05 -2.77	22.43 0.08 -0.14	16.11 -0.04 -2.31	22.72 0.06 -0.50	7.93 0.00 -6.56	15.52 0.03 -4.33	23.73 0.04 -4.45	23.34 -0.10 -4.52	20.27 -0.21 -2.25	27.15 -0.34 0.00	25.40 -0.27 0.00	22.45 -0.31 0.00	24.83 -0.29 0.00	26.87 -0.09 0.00

STA_82___115KV_TB1 80780	-15.73 0.04 -12.15	-10.18 -0.05 -16.35	-10.12 -0.08 -18.58	5.21 -0.11 -33.72	128.43 -0.10 -154.65	6.76 -0.01 -7.27	2.64 0.04 -11.35	6.43 0.02 -8.28	9.45 -0.07 -4.72	2.13 0.02 -5.69	12.20 -0.11 -2.77	22.28 -0.06 -0.14	16.03 -0.13 -2.32	22.58 -0.09 -0.50	7.93 -0.01 -6.57	15.45 -0.05 -4.34	23.60 -0.09 -4.46	23.22 -0.23 -4.53	20.16 -0.33 -2.25	26.97 -0.52 0.00	25.23 -0.43 0.00	22.30 -0.45 0.00	24.69 -0.43 0.00	26.72 -0.24 0.00
STEEL___WIND 323596	-13.61 -0.06 -14.37	-9.93 -0.16 -16.71	-10.61 -0.25 -18.26	-2.16 -0.35 -26.58	67.64 -0.42 -94.19	7.97 -0.02 -8.50	4.72 0.05 -13.41	7.95 0.03 -9.78	10.30 -0.08 -5.58	3.19 0.04 -6.73	12.61 -0.19 -3.27	22.05 -0.31 -0.17	16.19 -0.36 -2.70	22.43 -0.32 -0.58	8.99 -0.02 -7.65	16.08 -0.13 -5.05	24.25 -0.17 -5.18	23.81 -0.38 -5.27	20.33 -0.52 -2.62	26.75 -0.74 0.00	25.04 -0.63 0.00	22.13 -0.63 0.00	24.63 -0.49 0.00	26.82 -0.14 0.00
STEPHTWN_115KV_BK_2 55603	34.96 -0.82 -63.70	36.27 -0.73 -63.48	36.56 -0.82 -66.00	34.94 -0.79 -64.13	32.11 -0.76 -59.00	36.75 0.00 -37.26	50.42 -0.26 -59.42	41.10 -0.07 -43.04	29.67 0.17 -24.70	26.11 -0.11 -29.80	24.36 0.32 -14.51	23.63 0.68 -0.76	26.38 0.46 -12.07	25.49 0.74 -2.58	35.11 0.05 -33.70	34.16 0.38 -22.62	43.13 0.69 -23.20	43.23 0.70 -23.61	30.61 0.65 -11.73	28.41 0.93 0.00	26.48 0.81 0.00	23.45 0.70 0.00	25.77 0.65 0.00	27.54 0.58 0.00
STEBEN_REC_LFGE 323667	-9.74 1.14 -17.03	-7.34 1.09 -18.05	-8.52 0.93 -19.17	-5.03 0.77 -22.59	26.85 0.88 -52.09	9.51 0.00 -10.01	7.45 0.29 -15.91	9.82 0.09 -11.60	11.21 -0.21 -6.61	4.54 0.14 -7.98	13.08 -0.34 -3.88	21.63 -0.77 -0.20	16.48 -0.60 -3.23	22.21 -0.65 -0.69	10.48 -0.03 -9.15	16.94 -0.26 -6.05	25.22 -0.21 -6.20	25.19 -0.04 -6.31	21.25 -0.12 -3.14	27.26 -0.23 0.00	25.27 -0.39 0.00	22.39 -0.36 0.00	25.07 -0.05 0.00	27.14 0.18 0.00
STILLWATER___SOLAR 323814	36.07 -1.44 -65.43	37.38 -1.34 -65.20	37.71 -1.46 -67.79	36.05 -1.43 -65.87	33.09 -1.38 -60.60	37.75 -0.03 -38.27	51.80 -0.49 -61.04	42.36 -0.11 -44.34	30.52 0.27 -25.44	26.92 -0.20 -30.70	25.02 0.54 -14.94	24.23 1.25 -0.78	27.09 0.81 -12.44	26.14 1.31 -2.66	37.23 0.08 -35.79	35.10 0.63 -23.30	44.24 1.10 -23.90	44.34 1.10 -24.32	31.32 1.01 -12.08	28.97 1.49 0.00	27.02 1.35 0.00	23.89 1.13 0.00	26.35 1.23 0.00	28.15 1.20 0.00
STONY___BROOK 24151	22.74 -1.99 -52.65	24.06 -1.92 -52.46	23.88 -2.05 -54.54	22.62 -1.99 -53.00	20.86 -1.78 -48.77	30.26 -0.04 -30.80	39.77 -0.60 -49.11	33.62 -0.13 -35.62	25.62 0.38 -20.44	20.80 -0.28 -24.66	22.38 0.84 -12.00	24.68 1.86 -0.63	25.04 1.21 -9.99	26.24 1.93 -2.14	29.81 0.12 -28.33	30.86 0.98 -18.72	39.96 1.53 -19.20	39.97 1.52 -19.54	29.47 1.53 -9.71	29.60 2.12 0.00	27.74 2.08 0.00	25.65 1.76 -1.14	27.04 1.92 0.00	28.89 1.93 0.00
STURGEON_POOL_HYD 23609	25.70 -1.26 -54.87	26.98 -1.22 -54.68	26.98 -1.25 -56.85	25.60 -1.24 -55.24	23.55 -1.15 -50.82	31.57 -0.03 -32.10	42.06 -0.38 -51.19	35.16 -0.09 -37.11	26.32 0.22 -21.29	21.95 -0.17 -25.70	22.52 0.48 -12.51	23.92 1.07 -0.65	24.96 0.70 -10.41	25.52 1.13 -2.23	30.87 0.07 -29.44	31.21 0.55 -19.50	40.17 0.93 -20.01	40.23 0.95 -20.36	29.27 0.92 -10.11	28.78 1.29 0.00	26.82 1.16 0.00	23.70 0.95 0.00	26.19 1.07 0.00	28.05 1.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.49 -1.30 -49.71	21.80 -1.26 -49.54	21.58 -1.30 -51.50	20.37 -1.27 -50.04	18.72 -1.20 -46.04	28.55 -0.03 -29.08	37.23 -0.40 -46.37	31.67 -0.09 -33.63	24.33 0.23 -19.29	19.53 -0.18 -23.28	21.36 0.50 -11.33	23.89 1.10 -0.59	24.01 0.73 -9.43	25.36 1.17 -2.02	28.18 0.07 -26.75	29.41 0.57 -17.67	38.38 1.01 -18.13	38.41 1.05 -18.45	28.40 1.00 -9.16	28.87 1.39 0.00	26.89 1.23 0.00	23.75 1.00 0.00	26.31 1.19 0.00	28.19 1.23 0.00
SWANROAD_115KV_TB1 355699	-13.81 0.27 -13.83	-10.21 0.09 -16.17	-10.88 0.03 -17.71	-2.43 -0.06 -26.02	67.36 -0.03 -93.51	7.67 -0.01 -8.18	4.47 0.29 -12.92	7.66 0.10 -9.43	9.97 -0.21 -5.37	3.03 0.13 -6.48	12.19 -0.48 -3.14	21.36 -1.00 -0.16	15.61 -0.82 -2.58	21.64 -1.09 -0.55	8.61 -0.07 -7.32	15.44 -0.55 -4.84	23.26 -0.94 -4.96	22.80 -1.17 -5.05	19.49 -1.25 -2.51	25.65 -1.83 0.00	24.10 -1.57 0.00	21.27 -1.49 0.00	23.68 -1.44 0.00	25.85 -1.11 0.00
SYNERGY___BIOGAS 323694	-15.55 -0.95 -13.31	-12.71 -1.00 -14.78	-13.83 -1.14 -15.93	-8.55 -1.21 -21.06	36.13 -1.17 -63.43	7.31 -0.03 -7.85	3.49 -0.20 -12.43	7.19 -0.02 -9.07	10.05 0.07 -5.17	2.57 -0.08 -6.24	12.66 0.09 -3.03	22.62 0.27 -0.16	16.31 -0.02 -2.48	22.87 0.16 -0.53	8.38 0.00 -7.01	15.87 0.08 -4.64	24.14 0.15 -4.75	23.68 -0.07 -4.84	20.42 -0.22 -2.40	27.18 -0.31 0.00	25.44 -0.23 0.00	22.44 -0.31 0.00	24.89 -0.23 0.00	27.05 0.09 0.00
SYRACUSE___ENERGY_ST1 323597	-17.15 -0.07 -10.83	-15.73 -0.06 -10.81	-17.45 -0.07 -11.23	-17.56 -0.09 -10.92	-16.16 -0.08 -10.04	5.84 0.00 -6.34	1.35 -0.05 -10.14	5.57 -0.01 -7.44	9.03 0.02 -4.21	1.49 0.00 -5.08	12.02 0.01 -2.47	22.35 0.03 -0.13	15.92 0.01 -2.06	22.65 0.04 -0.44	7.21 0.00 -5.84	15.06 0.04 -3.86	23.27 0.08 -3.96	23.01 0.06 -4.03	20.25 0.02 -2.00	27.44 -0.04 0.00	25.57 -0.09 0.00	22.69 -0.06 0.00	25.08 -0.05 0.00	26.95 -0.01 0.00
SYRACUSE___ENERGY_ST2 323598	-17.15 -0.07 -10.83	-15.73 -0.06 -10.81	-17.45 -0.07 -11.23	-17.56 -0.09 -10.92	-16.16 -0.08 -10.04	5.84 0.00 -6.34	1.35 -0.05 -10.14	5.57 -0.01 -7.44	9.03 0.02 -4.21	1.49 0.00 -5.08	12.02 0.01 -2.47	22.35 0.03 -0.13	15.92 0.01 -2.06	22.65 0.04 -0.44	7.21 0.00 -5.84	15.06 0.04 -3.86	23.27 0.08 -3.96	23.01 0.06 -4.03	20.25 0.02 -2.00	27.44 -0.04 0.00	25.57 -0.09 0.00	22.69 -0.06 0.00	25.08 -0.05 0.00	26.95 -0.01 0.00
SYRACUSE___POWER 24017	-16.94 -0.07 -11.04	-15.52 -0.06 -11.02	-17.24 -0.07 -11.45	-17.36 -0.09 -11.13	-15.97 -0.08 -10.24	5.96 0.00 -6.47	1.55 -0.05 -10.34	5.74 -0.01 -7.61	9.12 0.02 -4.29	1.59 -0.01 -5.18	12.07 0.02 -2.52	22.38 0.05 -0.13	15.97 0.02 -2.10	22.66 0.04 -0.45	7.32 0.00 -5.95	15.14 0.05 -3.93	23.35 0.08 -4.03	23.09 0.07 -4.11	20.30 0.03 -2.04	27.45 -0.03 0.00	25.58 -0.08 0.00	22.71 -0.05 0.00	25.08 -0.04 0.00	26.96 0.00 0.00
TALLMAN___138KV_BK151 55660	21.40 -1.49 -50.81	22.70 -1.46 -50.64	22.52 -1.51 -52.65	21.27 -1.48 -51.16	19.55 -1.39 -47.07	29.19 -0.03 -29.72	38.19 -0.47 -47.40	32.40 -0.11 -34.38	24.79 0.27 -19.72	20.02 -0.20 -23.80	21.69 0.57 -11.58	24.08 1.28 -0.60	24.34 0.85 -9.64	25.60 1.36 -2.06	28.78 0.08 -27.34	29.89 0.66 -18.06	38.93 1.16 -18.53	38.98 1.20 -18.86	28.75 1.15 -9.37	29.08 1.60 0.00	27.06 1.39 0.00	23.89 1.14 0.00	26.42 1.30 0.00	28.31 1.35 0.00
TEALLAVE_115KV_TB7 355573	-17.84 0.07 -10.01	-16.42 0.08 -9.99	-18.17 0.07 -10.38	-18.26 0.05 -10.09	-16.80 0.05 -9.28	5.36 0.00 -5.86	0.64 0.00 -9.38	5.09 0.00 -6.95	8.69 -0.01 -3.89	1.12 0.01 -4.70	11.78 -0.04 -2.29	22.25 -0.07 -0.12	15.69 -0.06 -1.90	22.50 -0.08 -0.41	6.76 0.00 -5.39	14.71 -0.01 -3.57	22.85 -0.04 -3.66	22.59 -0.06 -3.72	19.99 -0.09 -1.85	27.26 -0.22 0.00	25.42 -0.24 0.00	22.56 -0.19 0.00	24.93 -0.19 0.00	26.79 -0.16 0.00

TELGRAPH_34_KV_EAST 80808	-14.46 -0.27 -13.72	-11.06 -0.40 -15.82	-11.87 -0.50 -17.25	-4.26 -0.57 -24.71	58.79 -0.50 -85.42	7.59 -0.02 -8.11	4.13 0.06 -12.81	7.52 0.04 -9.35	10.05 -0.08 -5.32	2.88 0.03 -6.43	12.46 -0.16 -3.08	22.06 -0.29 -0.16	15.98 -0.39 -2.53	22.31 -0.41 -0.54	8.48 -0.03 -7.15	15.67 -0.21 -4.72	23.73 -0.35 -4.84	23.28 -0.57 -4.93	19.99 -0.69 -2.45	26.48 -1.01 0.00	24.83 -0.84 0.00	21.91 -0.85 0.00	24.35 -0.77 0.00	26.52 -0.44 0.00
TEMPLE___115KV_TB 2 55572	-17.75 0.06 -10.11	-16.34 0.05 -10.09	-18.08 0.05 -10.49	-18.18 0.03 -10.19	-16.73 0.03 -9.38	5.42 0.00 -5.92	0.72 0.00 -9.47	5.14 0.00 -7.01	8.73 0.00 -3.93	1.17 0.01 -4.74	11.81 -0.03 -2.31	22.26 -0.05 -0.12	15.72 -0.04 -1.92	22.52 -0.06 -0.41	6.81 0.00 -5.45	14.75 0.00 -3.60	22.91 -0.02 -3.69	22.64 -0.04 -3.76	20.02 -0.08 -1.87	27.29 -0.20 0.00	25.43 -0.23 0.00	22.58 -0.18 0.00	24.94 -0.18 0.00	26.81 -0.15 0.00
TIANA___69_KV_BK 1 55817	22.25 -2.48 -52.65	23.62 -2.36 -52.46	23.42 -2.51 -54.54	22.14 -2.46 -53.00	20.40 -2.24 -48.77	30.26 -0.04 -30.80	39.60 -0.77 -49.11	33.58 -0.17 -35.62	25.71 0.47 -20.44	20.74 -0.34 -24.66	22.51 0.97 -12.00	24.97 2.15 -0.63	25.21 1.37 -9.99	26.52 2.21 -2.14	29.84 0.14 -28.33	31.05 1.17 -18.72	40.35 1.92 -19.20	40.39 1.93 -19.54	29.87 1.93 -9.71	30.19 2.70 0.00	28.20 2.53 0.00	25.91 2.17 -0.98	27.45 2.33 0.00	29.31 2.35 0.00
TILDEN___115KV_TB1 80814	-16.94 -0.07 -11.04	-15.52 -0.06 -11.02	-17.24 -0.07 -11.45	-17.36 -0.09 -11.13	-15.97 -0.08 -10.24	5.96 0.00 -6.47	1.55 -0.05 -10.34	5.74 -0.01 -7.61	9.12 0.02 -4.29	1.59 -0.01 -5.18	12.07 0.02 -2.52	22.38 0.05 -0.13	15.97 0.02 -2.10	22.66 0.04 -0.45	7.32 0.00 -5.95	15.14 0.05 -3.93	23.35 0.08 -4.03	23.09 0.07 -4.11	20.30 0.03 -2.04	27.45 -0.03 0.00	25.58 -0.08 0.00	22.71 -0.05 0.00	25.08 -0.04 0.00	26.96 0.00 0.00
TRIGEN___CC 323695	22.96 -1.76 -52.65	24.29 -1.70 -52.46	24.15 -1.78 -54.54	22.87 -1.74 -53.00	21.06 -1.58 -48.77	30.26 -0.03 -30.80	39.83 -0.55 -49.11	33.63 -0.12 -35.62	25.57 0.33 -20.44	20.83 -0.25 -24.66	22.27 0.73 -12.00	24.45 1.62 -0.63	24.90 1.06 -9.99	26.01 1.70 -2.14	29.80 0.10 -28.33	30.73 0.85 -18.72	39.87 1.44 -19.20	39.88 1.43 -19.54	29.37 1.43 -9.71	29.49 2.00 0.00	27.46 1.80 0.00	24.23 1.47 0.00	26.74 1.62 0.00	28.61 1.65 0.00
TRINITY___115KV__ 4 BK 55933	35.47 -0.45 -63.83	36.74 -0.39 -63.61	37.08 -0.44 -66.13	35.44 -0.42 -64.26	32.58 -0.42 -59.13	36.83 -0.01 -37.34	50.67 -0.13 -59.54	41.24 -0.03 -43.13	29.64 0.08 -24.75	26.22 -0.06 -29.87	24.27 0.19 -14.54	23.39 0.43 -0.76	26.23 0.29 -12.10	25.23 0.47 -2.59	35.18 0.03 -33.79	34.06 0.23 -22.67	42.88 0.39 -23.25	42.99 0.41 -23.66	30.37 0.39 -11.75	28.01 0.52 0.00	26.14 0.48 0.00	23.15 0.40 0.00	25.50 0.38 0.00	27.24 0.28 0.00
UNION___PROCESSING_DRP 323587	-16.22 -0.71 -12.41	-14.87 -0.76 -12.37	-16.61 -0.86 -12.86	-16.79 -0.88 -12.50	-15.43 -0.80 -11.50	6.74 -0.02 -7.26	2.68 -0.17 -11.59	6.58 -0.02 -8.47	9.69 0.07 -4.82	2.16 -0.07 -5.81	12.38 -0.01 -2.85	22.29 -0.05 -0.15	16.03 -0.13 -2.32	22.59 -0.08 -0.50	7.94 -0.01 -6.57	15.46 -0.04 -4.34	23.62 -0.08 -4.46	23.23 -0.22 -4.53	20.16 -0.33 -2.25	26.97 -0.52 0.00	25.25 -0.42 0.00	22.31 -0.44 0.00	24.70 -0.42 0.00	26.73 -0.23 0.00
UPPER HUDSON___HYD 24058	36.07 -1.76 -65.75	37.39 -1.65 -65.52	37.73 -1.77 -68.12	36.06 -1.74 -66.19	33.06 -1.72 -60.90	37.93 -0.03 -38.46	51.95 -0.65 -61.34	42.53 -0.15 -44.54	30.71 0.36 -25.56	27.01 -0.25 -30.84	25.21 0.67 -15.01	24.48 1.51 -0.78	27.32 0.98 -12.49	26.42 1.58 -2.67	37.24 0.09 -35.78	35.26 0.69 -23.41	44.42 1.18 -24.01	44.52 1.17 -24.43	31.41 1.04 -12.14	29.08 1.59 0.00	27.09 1.43 0.00	23.95 1.19 0.00	26.60 1.48 0.00	28.41 1.46 0.00
UPPER RAQUET___HYD 24056	-23.47 2.19 -2.26	-21.76 2.02 -2.70	-23.68 2.13 -2.80	-23.18 2.49 -2.73	-21.11 2.51 -2.51	1.14 0.06 -1.58	-5.52 0.70 -2.53	0.11 0.14 -1.84	5.53 -0.33 -1.05	-2.06 0.26 -1.27	9.40 -0.75 -0.62	20.49 -1.74 -0.03	13.09 -1.26 -0.51	20.44 -1.84 -0.11	3.81 -0.11 -2.56	11.42 -1.06 -1.32	18.52 -1.70 -0.99	18.13 -1.79 -1.00	17.09 -1.64 -0.50	26.46 -1.03 0.00	25.48 -0.18 0.00	22.51 -0.24 0.00	24.49 -0.63 0.00	26.61 -0.35 0.00
VALLEY44_115KV_TB2 355964	-13.70 -0.85 -15.06	-10.10 -0.87 -17.25	-10.91 -1.06 -18.77	-3.10 -1.22 -26.52	62.35 -1.26 -89.74	8.37 -0.03 -8.90	5.13 -0.19 -14.06	8.36 -0.02 -10.25	10.71 0.05 -5.85	3.42 -0.05 -7.05	13.08 0.11 -3.42	22.90 0.53 -0.18	16.95 0.27 -2.84	23.43 0.65 -0.61	9.42 0.03 -8.03	16.71 0.24 -5.31	25.09 0.41 -5.44	24.68 0.22 -5.54	21.06 0.07 -2.75	27.78 0.30 0.00	25.89 0.22 0.00	22.93 0.17 0.00	25.57 0.45 0.00	27.81 0.85 0.00
VALLEY___115KV_TB 1-4 80826	-26.70 -0.41 -1.63	-25.07 -0.22 -1.62	-27.29 -0.36 -1.69	-27.10 -0.35 -1.64	-24.92 -0.31 -1.51	0.45 0.00 -0.96	-7.40 -0.15 -1.49	-0.96 -0.03 -0.94	5.48 0.04 -0.63	-2.83 -0.01 -0.76	9.99 0.08 -0.37	22.43 0.22 -0.02	14.31 0.16 -0.31	22.44 0.20 -0.07	2.27 0.03 -0.88	11.94 0.20 -0.58	20.20 0.36 -0.60	19.82 0.29 -0.61	18.75 0.21 -0.30	27.76 0.27 0.00	25.92 0.25 0.00	23.02 0.27 0.00	25.29 0.17 0.00	27.06 0.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	-1.41 -1.19 -27.69	0.22 -1.13 -27.83	-0.81 -1.21 -29.02	-0.59 -1.26 -29.07	6.36 -1.13 -33.61	15.68 -0.02 -16.21	16.73 -0.37 -25.84	16.83 -0.08 -18.77	15.76 0.21 -10.75	9.24 -0.15 -12.97	16.27 0.42 -6.31	23.48 0.95 -0.33	19.68 0.58 -5.25	24.26 0.96 -1.12	16.32 0.06 -14.90	21.48 0.48 -9.84	30.19 0.86 -10.10	30.04 0.85 -10.27	24.16 0.83 -5.11	28.68 1.19 0.00	26.70 1.04 0.00	23.62 0.87 0.00	26.11 0.99 0.00	27.99 1.03 0.00
VISCHER___FERRY HYD 24020	35.59 -0.99 -64.49	36.90 -0.89 -64.27	37.21 -0.99 -66.82	35.57 -0.96 -64.93	32.68 -0.93 -59.74	37.21 -0.02 -37.73	51.13 -0.31 -60.18	41.84 -0.08 -43.78	30.11 0.18 -25.12	26.59 -0.14 -30.32	24.69 0.39 -14.76	23.88 0.92 -0.77	26.71 0.59 -12.28	25.76 0.96 -2.63	37.29 0.06 -35.86	34.63 0.46 -23.01	43.64 0.79 -23.60	43.74 0.81 -24.02	30.90 0.74 -11.93	28.56 1.07 0.00	26.66 0.99 0.00	23.57 0.82 0.00	25.95 0.83 0.00	27.71 0.75 0.00
V_A_10_SYNC_DSASP 323832	-14.77 0.22 -12.93	-10.44 0.08 -15.96	-10.86 0.03 -17.73	0.12 -0.05 -28.57	89.56 -0.07 -115.76	7.17 -0.01 -7.68	3.49 0.15 -12.07	7.00 0.05 -8.81	9.67 -0.15 -5.02	2.55 0.08 -6.06	12.16 -0.32 -2.94	21.74 -0.61 -0.15	15.80 -0.49 -2.44	22.10 -0.59 -0.52	8.25 -0.04 -6.92	15.42 -0.31 -4.58	23.38 -0.55 -4.69	22.96 -0.73 -4.78	19.77 -0.84 -2.37	26.25 -1.24 0.00	24.61 -1.05 0.00	21.75 -1.01 0.00	24.15 -0.96 0.00	26.27 -0.68 0.00
V_CMM_10_SYNC_DSASP 323787	-24.10 2.35 -1.47	-22.35 2.11 -2.01	-24.25 2.28 -2.09	-23.66 2.70 -2.03	-21.63 2.63 -1.87	0.72 0.04 -1.18	-6.07 0.79 -1.88	-0.38 0.15 -1.34	5.21 -0.38 -0.78	-2.36 0.28 -0.95	9.19 -0.80 -0.46	20.35 -1.88 -0.02	12.84 -1.39 -0.38	20.24 -2.01 -0.08	2.10 -0.12 -0.86	10.65 -1.16 -0.64	18.11 -1.86 -0.74	17.66 -2.01 -0.75	16.69 -1.92 -0.37	26.08 -1.41 0.00	25.27 -0.39 0.00	22.33 -0.42 0.00	24.31 -0.81 0.00	26.43 -0.53 0.00

V_CMP_10_SYNC_DSASP 323788	-24.56 1.90 -1.46	-22.57 1.90 -2.01	-24.60 1.93 -2.09	-23.80 2.58 -2.03	-21.63 2.63 -1.86	0.72 0.04 -1.18	-6.12 0.75 -1.88	-0.39 0.14 -1.34	5.23 -0.35 -0.78	-2.38 0.26 -0.94	9.28 -0.72 -0.46	20.45 -1.77 -0.02	12.81 -1.41 -0.38	20.22 -2.04 -0.08	-6.37 -0.13 7.61	7.75 -1.32 2.09	17.83 -2.14 -0.74	17.52 -2.15 -0.75	16.68 -1.92 -0.37	26.34 -1.15 0.00	25.71 0.04 0.00	22.59 -0.17 0.00	24.48 -0.64 0.00	26.71 -0.25 0.00
V_D_10_SYNC_DSASP 323841	-13.74 0.40 -13.78	-9.96 0.20 -16.31	-10.54 0.15 -17.93	-1.36 0.08 -26.96	74.09 0.10 -100.12	7.64 -0.02 -8.16	4.37 0.25 -12.87	7.65 0.13 -9.39	9.96 -0.20 -5.35	3.04 0.17 -6.45	12.11 -0.55 -3.13	21.17 -1.19 -0.16	15.52 -0.91 -2.59	21.50 -1.22 -0.55	8.62 -0.08 -7.33	15.38 -0.62 -4.85	23.13 -1.08 -4.97	22.67 -1.31 -5.06	19.37 -1.38 -2.51	25.47 -2.02 0.00	23.93 -1.74 0.00	21.11 -1.64 0.00	23.52 -1.60 0.00	25.77 -1.19 0.00
V_E_10_SYNC_DSASP 323830	-7.66 -1.54 -21.80	-5.95 -1.52 -22.05	-7.26 -1.69 -23.04	-6.52 -1.71 -23.58	3.45 -1.52 -31.10	12.23 -0.04 -12.76	11.02 -0.59 -20.35	12.82 -0.13 -14.82	13.60 0.33 -8.46	6.45 -0.18 -10.21	15.06 0.55 -4.97	23.79 1.34 -0.26	18.79 0.81 -4.14	24.48 1.43 -0.88	13.20 0.11 -11.72	19.75 0.85 -7.75	28.76 1.58 -7.95	28.49 1.49 -8.09	23.58 1.33 -4.02	29.45 1.97 0.00	27.59 1.93 0.00	24.35 1.60 0.00	26.77 1.65 0.00	28.78 1.82 0.00
V_F_30_NSYNC_DSASP 323816	36.18 -1.47 -65.57	37.49 -1.38 -65.34	37.82 -1.49 -67.93	36.15 -1.47 -66.01	33.19 -1.42 -60.74	37.83 -0.02 -38.36	51.92 -0.51 -61.17	42.45 -0.12 -44.43	30.58 0.28 -25.49	26.98 -0.21 -30.76	25.07 0.56 -14.97	24.27 1.29 -0.78	27.14 0.83 -12.46	26.18 1.34 -2.67	37.23 0.08 -35.79	35.16 0.65 -23.35	44.32 1.13 -23.95	44.41 1.12 -24.37	31.37 1.03 -12.11	29.01 1.52 0.00	27.05 1.38 0.00	23.92 1.16 0.00	26.38 1.26 0.00	28.20 1.24 0.00
V_F_30_SYNC_DSASP 323786	35.83 -0.55 -64.29	37.09 -0.50 -64.07	37.45 -0.55 -66.61	35.79 -0.53 -64.72	32.90 -0.52 -59.55	37.10 -0.01 -37.61	51.06 -0.17 -59.97	41.55 -0.04 -43.45	29.84 0.11 -24.93	26.43 -0.08 -30.09	24.41 0.24 -14.64	23.50 0.54 -0.76	26.39 0.36 -12.19	25.36 0.58 -2.61	35.50 0.03 -34.10	34.29 0.29 -22.84	43.16 0.50 -23.42	43.26 0.50 -23.84	30.55 0.47 -11.84	28.13 0.64 0.00	26.25 0.58 0.00	23.25 0.49 0.00	25.60 0.48 0.00	27.35 0.39 0.00
V_XM_10_SYNC_DSASP 323789	-24.56 1.90 -1.46	-22.57 1.90 -2.01	-24.60 1.93 -2.09	-23.80 2.58 -2.03	-21.63 2.63 -1.86	0.72 0.04 -1.18	-6.12 0.75 -1.88	-0.39 0.14 -1.34	5.23 -0.35 -0.78	-2.38 0.26 -0.94	9.28 -0.72 -0.46	20.45 -1.77 -0.02	12.81 -1.41 -0.38	20.22 -2.04 -0.08	-6.37 -0.13 7.61	7.75 -1.32 2.09	17.83 -2.14 -0.74	17.52 -2.15 -0.75	16.68 -1.92 -0.37	26.34 -1.15 0.00	25.71 0.04 0.00	22.59 -0.17 0.00	24.48 -0.64 0.00	26.71 -0.25 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.45 -1.64 -51.00	22.75 -1.59 -50.83	22.57 -1.66 -52.84	21.32 -1.63 -51.35	19.60 -1.52 -47.24	29.30 -0.03 -29.84	38.32 -0.52 -47.58	32.52 -0.12 -34.51	24.90 0.29 -19.80	20.08 -0.22 -23.89	21.79 0.63 -11.63	24.22 1.42 -0.61	24.47 0.94 -9.68	25.74 1.50 -2.07	28.90 0.09 -27.44	30.02 0.73 -18.13	39.13 1.30 -18.60	39.18 1.33 -18.93	28.91 1.27 -9.40	29.26 1.77 0.00	27.23 1.56 0.00	24.03 1.27 0.00	26.57 1.45 0.00	28.45 1.50 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.92 -1.82 -52.65	24.28 -1.71 -52.47	24.18 -1.76 -54.55	23.05 -1.55 -53.01	21.16 -1.48 -48.77	30.26 -0.04 -30.80	39.87 -0.51 -49.12	33.64 -0.11 -35.62	25.54 0.30 -20.44	20.85 -0.23 -24.66	22.21 0.67 -12.00	24.34 1.51 -0.63	24.84 1.00 -9.99	25.89 1.58 -2.14	29.79 0.09 -28.33	30.64 0.77 -18.72	39.76 1.32 -19.20	39.81 1.35 -19.54	29.25 1.31 -9.71	29.31 1.83 0.00	27.28 1.61 0.00	24.07 1.31 0.00	26.58 1.46 0.00	28.43 1.48 0.00
W50THST__13_KV_LOAD 356117	22.91 -1.83 -52.65	24.26 -1.73 -52.47	24.13 -1.81 -54.55	22.83 -1.78 -53.01	20.96 -1.69 -48.77	30.26 -0.04 -30.80	39.79 -0.58 -49.12	33.62 -0.14 -35.62	25.59 0.35 -20.44	20.81 -0.27 -24.66	22.32 0.79 -12.00	24.60 1.78 -0.63	25.01 1.17 -9.99	26.16 1.85 -2.14	29.80 0.11 -28.33	30.78 0.90 -18.72	39.99 1.55 -19.20	40.02 1.56 -19.54	29.44 1.50 -9.71	29.58 2.10 0.00	27.51 1.84 0.00	24.26 1.51 0.00	26.78 1.66 0.00	28.65 1.69 0.00
WADING RIVER_IC_1 23522	22.53 -2.20 -52.65	23.88 -2.10 -52.46	23.70 -2.23 -54.54	22.43 -2.18 -53.00	20.67 -1.97 -48.77	30.26 -0.04 -30.80	39.70 -0.67 -49.11	33.61 -0.15 -35.62	25.65 0.42 -20.44	20.78 -0.30 -24.66	22.41 0.87 -12.00	24.75 1.93 -0.63	25.07 1.24 -9.99	26.29 1.98 -2.14	29.82 0.12 -28.33	30.92 1.04 -18.72	40.12 1.68 -19.20	40.14 1.69 -19.54	29.64 1.70 -9.71	29.84 2.36 0.00	27.90 2.23 0.00	25.66 1.92 -0.99	27.18 2.07 0.00	29.03 2.07 0.00
WADING RIVER_IC_2 23547	22.53 -2.20 -52.65	23.88 -2.10 -52.46	23.70 -2.23 -54.54	22.43 -2.18 -53.00	20.67 -1.97 -48.77	30.26 -0.04 -30.80	39.70 -0.67 -49.11	33.61 -0.15 -35.62	25.65 0.42 -20.44	20.78 -0.30 -24.66	22.41 0.87 -12.00	24.75 1.93 -0.63	25.07 1.24 -9.99	26.29 1.98 -2.14	29.82 0.12 -28.33	30.92 1.04 -18.72	40.12 1.68 -19.20	40.14 1.69 -19.54	29.64 1.70 -9.71	29.84 2.36 0.00	27.90 2.23 0.00	25.66 1.92 -0.99	27.18 2.07 0.00	29.03 2.07 0.00
WADING RIVER_IC_3 23601	22.53 -2.20 -52.65	23.88 -2.10 -52.46	23.70 -2.23 -54.54	22.43 -2.18 -53.00	20.67 -1.97 -48.77	30.26 -0.04 -30.80	39.70 -0.67 -49.11	33.61 -0.15 -35.62	25.65 0.42 -20.44	20.78 -0.30 -24.66	22.41 0.87 -12.00	24.75 1.93 -0.63	25.07 1.24 -9.99	26.29 1.98 -2.14	29.82 0.12 -28.33	30.92 1.04 -18.72	40.12 1.68 -19.20	40.14 1.69 -19.54	29.64 1.70 -9.71	29.84 2.36 0.00	27.90 2.23 0.00	25.66 1.92 -0.99	27.18 2.07 0.00	29.03 2.07 0.00
WALDENNY_12_KV_BK2 80841	-13.74 -0.13 -14.31	-10.06 -0.23 -16.66	-10.74 -0.34 -18.21	-2.29 -0.45 -26.56	67.81 -0.41 -94.35	7.94 -0.02 -8.46	4.66 0.04 -13.36	7.91 0.03 -9.74	10.29 -0.07 -5.55	3.15 0.03 -6.70	12.62 -0.17 -3.25	22.11 -0.26 -0.17	16.20 -0.33 -2.69	22.45 -0.30 -0.57	8.96 -0.02 -7.61	16.06 -0.13 -5.03	24.23 -0.17 -5.16	23.78 -0.39 -5.25	20.32 -0.53 -2.61	26.74 -0.74 0.00	25.04 -0.63 0.00	22.12 -0.64 0.00	24.61 -0.51 0.00	26.79 -0.16 0.00
WALDEN__HYDRO 24148	22.24 -1.53 -51.69	23.58 -1.46 -51.51	23.42 -1.52 -53.56	22.14 -1.50 -52.04	20.35 -1.40 -47.88	29.71 -0.03 -30.24	39.00 -0.48 -48.22	33.00 -0.11 -34.97	25.15 0.28 -20.06	20.43 -0.20 -24.21	21.84 0.52 -11.78	23.99 1.18 -0.61	24.43 0.77 -9.81	25.55 1.28 -2.10	29.26 0.07 -27.81	30.19 0.66 -18.38	39.26 1.18 -18.85	39.31 1.21 -19.18	28.93 1.17 -9.53	29.13 1.65 0.00	27.13 1.47 0.00	23.96 1.20 0.00	26.52 1.40 0.00	28.39 1.44 0.00
WARRENSBURG____ 23737	36.07 -1.76 -65.75	37.39 -1.65 -65.52	37.73 -1.77 -68.12	36.06 -1.74 -66.19	33.06 -1.72 -60.90	37.93 -0.03 -38.46	51.95 -0.65 -61.34	42.53 -0.15 -44.54	30.71 0.36 -25.56	27.01 -0.25 -30.84	25.21 0.67 -15.01	24.48 1.51 -0.78	27.32 0.98 -12.49	26.42 1.58 -2.67	37.24 0.09 -35.78	35.26 0.69 -23.41	44.42 1.18 -24.01	44.52 1.17 -24.43	31.41 1.04 -12.14	29.08 1.59 0.00	27.09 1.43 0.00	23.95 1.19 0.00	26.60 1.48 0.00	28.41 1.46 0.00

WATERSIDE___6 8 9 23538	23.15 -1.59 -52.66	24.46 -1.53 -52.47	24.35 -1.59 -54.55	23.05 -1.56 -53.01	21.16 -1.49 -48.78	30.27 -0.04 -30.80	39.88 -0.50 -49.12	33.64 -0.12 -35.63	25.55 0.31 -20.44	20.84 -0.24 -24.66	22.22 0.68 -12.00	24.37 1.54 -0.63	24.86 1.02 -9.99	25.91 1.60 -2.14	29.79 0.09 -28.33	30.65 0.77 -18.72	39.78 1.34 -19.20	39.82 1.36 -19.54	29.26 1.32 -9.71	29.33 1.84 0.00	27.30 1.63 0.00	24.09 1.33 0.00	26.59 1.47 0.00	28.46 1.50 0.00
WATKINRD_115KV_LN8_ILLION 55919	-26.52 -0.23 -1.63	-24.98 -0.13 -1.62	-27.13 -0.20 -1.69	-26.94 -0.18 -1.64	-24.77 -0.16 -1.51	0.45 0.00 -0.96	-7.34 -0.09 -1.49	-0.95 -0.02 -0.94	5.47 0.03 -0.63	-2.83 -0.01 -0.76	9.95 0.04 -0.37	22.31 0.10 -0.02	14.25 0.09 -0.31	22.38 0.14 -0.07	2.26 0.02 -0.88	11.86 0.12 -0.58	20.06 0.23 -0.60	19.74 0.21 -0.61	18.70 0.17 -0.30	27.73 0.24 0.00	25.90 0.23 0.00	22.97 0.22 0.00	25.29 0.16 0.00	27.07 0.12 0.00
WATSON___69_KV_BK 1 55734	22.31 -2.42 -52.65	23.69 -2.29 -52.46	23.48 -2.45 -54.54	22.22 -2.39 -53.00	20.50 -2.14 -48.77	30.25 -0.04 -30.80	39.62 -0.75 -49.11	33.59 -0.16 -35.62	25.70 0.46 -20.44	20.74 -0.33 -24.66	22.50 0.97 -12.00	24.93 2.11 -0.63	25.22 1.39 -9.99	26.54 2.23 -2.14	29.84 0.14 -28.33	31.05 1.17 -18.72	40.38 1.95 -19.20	40.40 1.94 -19.54	29.88 1.94 -9.71	30.22 2.73 0.00	28.19 2.52 0.00	25.18 2.09 -0.34	27.39 2.27 0.00	29.26 2.31 0.00
WDELAWARE___HYD 323627	19.45 -1.29 -48.67	20.78 -1.24 -48.49	20.54 -1.27 -50.42	19.34 -1.26 -48.99	17.77 -1.18 -45.08	27.94 -0.03 -28.47	36.23 -0.43 -45.40	30.96 -0.10 -32.93	23.94 0.25 -18.89	19.06 -0.14 -22.79	21.03 0.40 -11.09	23.56 0.79 -0.58	23.28 0.20 -9.23	24.46 0.31 -1.97	27.56 0.02 -26.18	28.62 0.16 -17.30	37.31 0.33 -17.75	37.35 0.37 -18.06	27.57 0.37 -8.97	28.00 0.52 0.00	26.72 1.05 0.00	23.59 0.83 0.00	26.12 1.00 0.00	27.95 0.99 0.00
WEST BABYLON___IC 23714	22.49 -2.24 -52.65	23.86 -2.13 -52.46	23.67 -2.26 -54.54	22.40 -2.20 -53.00	20.67 -1.97 -48.77	30.26 -0.04 -30.80	39.67 -0.70 -49.11	33.60 -0.15 -35.62	25.66 0.42 -20.44	20.77 -0.31 -24.66	22.44 0.90 -12.00	24.81 1.98 -0.63	25.14 1.30 -9.99	26.38 2.08 -2.14	29.83 0.13 -28.33	30.96 1.09 -18.72	40.25 1.81 -19.20	40.26 1.81 -19.54	29.75 1.81 -9.71	30.03 2.54 0.00	28.00 2.34 0.00	24.77 1.94 -0.08	27.22 2.11 0.00	29.09 2.13 0.00
WEST CANADA___HYD 24049	-26.16 0.12 -1.63	-24.73 0.13 -1.62	-26.80 0.13 -1.69	-26.62 0.13 -1.64	-24.48 0.14 -1.51	0.46 0.00 -0.96	-7.22 0.03 -1.49	-0.92 0.01 -0.94	5.42 -0.02 -0.63	-2.81 0.01 -0.76	9.87 -0.04 -0.37	22.13 -0.09 -0.02	14.10 -0.05 -0.31	22.15 -0.09 -0.07	2.24 -0.01 -0.88	11.68 -0.05 -0.58	19.75 -0.08 -0.60	19.45 -0.08 -0.61	18.48 -0.06 -0.30	27.47 -0.02 0.00	25.68 0.01 0.00	22.78 0.02 0.00	25.12 0.00 0.00	26.95 -0.01 0.00
WESTERN_NY_WIND 24143	-15.38 -0.87 -13.40	-12.41 -0.93 -15.00	-13.46 -1.06 -16.21	-7.69 -1.13 -21.83	40.94 -1.02 -68.09	7.37 -0.03 -7.90	3.59 -0.18 -12.51	7.25 -0.01 -9.13	10.07 0.06 -5.20	2.62 -0.07 -6.28	12.66 0.08 -3.05	22.60 0.24 -0.16	16.29 -0.05 -2.50	22.83 0.13 -0.53	8.43 0.00 -7.06	15.88 0.05 -4.66	24.13 0.11 -4.78	23.67 -0.12 -4.87	20.40 -0.25 -2.42	27.13 -0.36 0.00	25.40 -0.26 0.00	22.40 -0.35 0.00	24.86 -0.26 0.00	27.01 0.05 0.00
WESTOVER___LESR 323668	-5.43 -0.44 -22.94	-3.53 -0.38 -23.34	-4.62 -0.45 -24.44	-3.35 -0.49 -25.53	10.97 -0.44 -37.54	12.93 -0.01 -13.44	12.52 -0.14 -21.41	13.69 -0.02 -15.58	13.79 0.08 -8.90	7.12 -0.04 -10.74	14.89 0.13 -5.23	22.81 0.34 -0.27	18.40 0.21 -4.35	23.46 0.36 -0.93	13.72 0.03 -12.33	19.50 0.20 -8.15	27.97 0.37 -8.36	27.74 0.32 -8.50	22.73 0.27 -4.23	27.86 0.37 0.00	25.92 0.25 0.00	22.98 0.22 0.00	25.45 0.33 0.00	27.39 0.42 0.00
WETHRSFD_WT_PWR 323626	-11.62 0.75 -15.54	-8.27 0.68 -17.53	-9.00 0.63 -18.99	-1.92 0.48 -25.99	57.66 0.35 -83.44	8.66 -0.01 -9.17	6.03 0.26 -14.51	8.79 0.08 -10.58	10.66 -0.18 -6.03	3.83 0.13 -7.28	12.71 -0.36 -3.54	21.63 -0.75 -0.18	16.12 -0.66 -2.94	21.97 -0.83 -0.63	9.63 -0.04 -8.31	16.34 -0.30 -5.49	24.47 -0.39 -5.63	24.18 -0.47 -5.73	20.52 -0.56 -2.85	26.56 -0.93 0.00	24.83 -0.84 0.00	22.00 -0.75 0.00	24.58 -0.54 0.00	26.69 -0.27 0.00
WHAVSTOR_138KV_BK127 55557	21.69 -1.47 -51.08	22.99 -1.43 -50.90	22.82 -1.49 -52.92	21.57 -1.46 -51.43	19.82 -1.37 -47.32	29.35 -0.03 -29.88	38.45 -0.47 -47.65	32.59 -0.11 -34.56	24.89 0.26 -19.83	20.15 -0.20 -23.93	21.75 0.57 -11.65	24.08 1.27 -0.61	24.39 0.85 -9.69	25.59 1.35 -2.07	28.93 0.08 -27.49	29.98 0.66 -18.16	39.03 1.16 -18.63	39.07 1.19 -18.96	28.79 1.14 -9.42	29.07 1.58 0.00	27.06 1.39 0.00	23.89 1.13 0.00	26.41 1.30 0.00	28.30 1.34 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.69 -1.47 -51.08	22.99 -1.43 -50.90	22.82 -1.49 -52.92	21.57 -1.46 -51.43	19.82 -1.37 -47.32	29.35 -0.03 -29.88	38.45 -0.47 -47.65	32.59 -0.11 -34.56	24.89 0.26 -19.83	20.15 -0.20 -23.93	21.75 0.57 -11.65	24.08 1.27 -0.61	24.39 0.85 -9.69	25.59 1.35 -2.07	28.93 0.08 -27.49	29.98 0.66 -18.16	39.03 1.16 -18.63	39.07 1.19 -18.96	28.79 1.14 -9.42	29.07 1.58 0.00	27.06 1.39 0.00	23.89 1.13 0.00	26.41 1.30 0.00	28.30 1.34 0.00
WHITEHAL_115KV_TB1 80871	35.51 -2.23 -65.66	36.99 -1.96 -65.44	37.34 -2.07 -68.03	35.71 -2.00 -66.11	32.56 -2.13 -60.82	37.87 -0.04 -38.41	51.64 -0.88 -61.26	42.41 -0.20 -44.48	30.82 0.49 -25.53	26.90 -0.32 -30.80	25.42 0.89 -14.99	25.09 2.11 -0.78	27.70 1.38 -12.48	27.15 2.31 -2.67	37.29 0.13 -35.79	35.53 0.99 -23.38	45.01 1.79 -23.98	45.09 1.77 -24.40	31.86 1.50 -12.12	30.06 2.57 0.00	28.02 2.35 0.00	24.75 1.99 0.00	27.22 2.10 0.00	28.71 1.75 0.00
WHITEPLN_13_KV_LOAD 356215	22.96 -1.73 -52.60	24.27 -1.66 -52.41	24.15 -1.73 -54.49	22.86 -1.69 -52.95	21.00 -1.59 -48.72	30.23 -0.03 -30.77	39.77 -0.55 -49.07	33.59 -0.13 -35.58	25.55 0.33 -20.41	20.80 -0.25 -24.63	22.23 0.70 -11.99	24.42 1.59 -0.63	24.87 1.05 -9.98	25.98 1.67 -2.14	29.76 0.10 -28.30	30.68 0.82 -18.70	39.85 1.43 -19.18	39.89 1.46 -19.52	29.34 1.41 -9.70	29.45 1.97 0.00	27.40 1.74 0.00	24.18 1.43 0.00	26.70 1.59 0.00	28.57 1.61 0.00
WM_FLOYD_69_KV_BK2 356380	22.55 -2.18 -52.65	23.91 -2.08 -52.46	23.72 -2.22 -54.54	22.44 -2.17 -53.00	20.68 -1.96 -48.77	30.26 -0.04 -30.80	39.71 -0.67 -49.11	33.61 -0.15 -35.62	25.65 0.41 -20.44	20.78 -0.30 -24.66	22.41 0.87 -12.00	24.73 1.91 -0.63	25.06 1.23 -9.99	26.27 1.97 -2.14	29.82 0.13 -28.33	30.91 1.04 -18.72	40.10 1.67 -19.20	40.13 1.67 -19.54	29.62 1.68 -9.71	29.82 2.33 0.00	27.88 2.22 0.00	25.62 1.90 -0.97	27.17 2.05 0.00	29.02 2.06 0.00
WOODARD___115KV_TB2 355635	-17.58 0.15 -10.18	-16.17 0.15 -10.16	-17.91 0.15 -10.56	-18.01 0.13 -10.26	-16.56 0.12 -9.44	5.46 0.00 -5.97	0.82 0.03 -9.53	5.17 0.01 -7.02	8.74 -0.02 -3.96	1.21 0.02 -4.78	11.79 -0.07 -2.33	22.18 -0.14 -0.12	15.68 -0.10 -1.94	22.43 -0.15 -0.41	6.85 -0.01 -5.49	14.73 -0.05 -3.63	22.85 -0.10 -3.72	22.59 -0.12 -3.79	19.97 -0.15 -1.88	27.20 -0.29 0.00	25.35 -0.31 0.00	22.51 -0.25 0.00	24.86 -0.26 0.00	26.72 -0.23 0.00

YORK__WARBASSE	23.02	24.33	24.23	22.94	21.06	30.26	39.85	33.64	25.56	20.83	22.24	24.43	24.90	25.98	29.79	30.69	39.85	39.88	29.34	29.44	27.41	24.19	26.70	28.58
23770	-1.72	-1.66	-1.71	-1.68	-1.59	-0.04	-0.53	-0.12	0.32	-0.25	0.70	1.60	1.06	1.67	0.10	0.81	1.41	1.42	1.40	1.96	1.74	1.43	1.58	1.62
	-52.66	-52.47	-54.55	-53.01	-48.78	-30.80	-49.12	-35.63	-20.44	-24.66	-12.00	-0.63	-9.99	-2.14	-28.33	-18.72	-19.20	-19.54	-9.71	0.00	0.00	0.00	0.00	0.00